# Annual Report of Grant and Contract Activity

*For the fiscal year July 2009 – June 2010*

<table>
<thead>
<tr>
<th>Source</th>
<th>Number</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
<td>Direct Federal</td>
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<td>$155,625,371</td>
</tr>
<tr>
<td>NIH</td>
<td>382</td>
<td>$136,093,684</td>
</tr>
<tr>
<td>Other Federal</td>
<td>104</td>
<td>$19,531,687</td>
</tr>
<tr>
<td>Federal Flow-Down</td>
<td>235</td>
<td>$25,851,519</td>
</tr>
<tr>
<td>Corporate</td>
<td>365</td>
<td>$30,612,486</td>
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<tr>
<td>State of South Carolina</td>
<td>25</td>
<td>$10,307,485</td>
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<tr>
<td>Foundation</td>
<td>118</td>
<td>$10,676,888</td>
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<tr>
<td>Other Support</td>
<td>22</td>
<td>$1,079,397</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>1,251</strong></td>
<td><strong>$234,153,146</strong></td>
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Executive Summary

Fiscal Year 2010 was another record-breaking year in extramural research funding for the Medical University of South Carolina. MUSC’s Office of Research and Sponsored Programs (ORSP) recorded 1,251 awards for an overall extramural funding total of $234,153,146. This new record-high funding level represented just over a 16.5 million dollar increase from the previous year’s record mark. During FY 2010, MUSC’s researchers submitted 1,761 proposals for over 417.6 million dollars in proposed funding.

<table>
<thead>
<tr>
<th>Unit</th>
<th>FY09</th>
<th>FY10</th>
<th>+/-</th>
<th>%</th>
<th>FY09</th>
<th>FY10</th>
<th>+/-</th>
<th>%</th>
<th>Award Amount $</th>
</tr>
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<tbody>
<tr>
<td>Administration</td>
<td>26</td>
<td>31</td>
<td>5</td>
<td>19.2%</td>
<td>35</td>
<td>39</td>
<td>4</td>
<td>11.4%</td>
<td>12,319,134, 10,974,699</td>
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<tr>
<td>Dental Medicine</td>
<td>40</td>
<td>23</td>
<td>-17</td>
<td>-42.5%</td>
<td>15</td>
<td>16</td>
<td>1</td>
<td>6.7%</td>
<td>4,096,538, 5,377,449</td>
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<tr>
<td>Graduate Studies</td>
<td>3</td>
<td>5</td>
<td>2</td>
<td>66.7%</td>
<td>1</td>
<td>3</td>
<td>2</td>
<td>200.0%</td>
<td>202,385, 612,567</td>
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<tr>
<td>Health Professions</td>
<td>52</td>
<td>43</td>
<td>-9</td>
<td>-17.3%</td>
<td>27</td>
<td>22</td>
<td>-5</td>
<td>-18.5%</td>
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<tr>
<td>Medicine</td>
<td>1646</td>
<td>1562</td>
<td>-84</td>
<td>-5.1%</td>
<td>981</td>
<td>1111</td>
<td>130</td>
<td>13.3%</td>
<td>189,908,747, 204,131,155</td>
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<tr>
<td>Nursing</td>
<td>41</td>
<td>49</td>
<td>8</td>
<td>19.5%</td>
<td>27</td>
<td>29</td>
<td>2</td>
<td>7.4%</td>
<td>4,253,816, 4,222,468</td>
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<tr>
<td>Pharmacy</td>
<td>58</td>
<td>48</td>
<td>-10</td>
<td>-17.2%</td>
<td>25</td>
<td>31</td>
<td>6</td>
<td>24.0%</td>
<td>4,116,084, 5,090,321</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>1,866</td>
<td>1,761</td>
<td>(105)</td>
<td>-5.6%</td>
<td>1,111</td>
<td>1,251</td>
<td>140</td>
<td>12.6%</td>
<td>217,573,761, 234,153,146</td>
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</tbody>
</table>

Table 1 shows that overall proposals in FY 2010 decreased by 6% compared with FY 2009; however, this decrease in proposals can be explained by the extremely high volume of proposals submitted during FY 2009 in response to the American Recovery and Reinvestment Act (ARRA) funding opportunities. While most units experienced declines in proposals during FY 2010, three units—Administration, Graduate Studies, and the College of Nursing—actually increased the number of proposals submitted.

Figure 1: 10 Year NIH-ARRA-Total Funding

Table 1: College Comparison
The total number of awards accepted in FY 2010 grew by 12.6%, up 140 awards from the prior year. Most of this increase can be attributed to the 123 ARRA funded awards received by MUSC during FY 2010. Yet, even without counting the ARRA funded awards, MUSC’s totals still surpassed last year’s mark by 17 awards. MUSC’s total awarded dollars grew by 7.6% over the FY 2009 total, resulting in over $234.1M in funding in FY 2010. Analyzing MUSC’s total funding by source and comparing these data to the prior year reveals exactly where the increases and decreases occurred.

**Source and Agency Summary**

**Impact of American Recovery and Reinvestment Act (ARRA) in FY 2010**

In contrast to FY 2009, when the ARRA funding level was just under $1M, in FY 2010 ARRA funded awards significantly contributed to MUSC’s record-breaking year. The total dollars emanating from ARRA awards to MUSC in FY 2010 was just under $30.7M ($30,694,306). MUSC received 123 awards funded by ARRA, many as a result of MUSC’s record number of proposals submitted in FY 2009. Several highly competitive proposals were funded in the areas of faculty recruitment, infrastructure support, instrumentation and renovation. Most of the awards received were in the direct federal funding category (87), with 36 awards received in the federal flow-down area. All 87 direct federal awards, totaling just over $27M, were from NIH, which is not surprising as NIH is typically MUSC’s major source of extramural funding.

**Table 2: ARRA funding by type**

<table>
<thead>
<tr>
<th>ARRA Funding Type</th>
<th># Awards</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Challenge Grants (RC1)</td>
<td>4</td>
<td>1,686,652</td>
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<tr>
<td>Infrastructure (RC2)</td>
<td>1</td>
<td>384,849</td>
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<tr>
<td>Faculty Recruitment (P30)</td>
<td>2</td>
<td>1,819,440</td>
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<tr>
<td>Instrumentation (S10)</td>
<td>2</td>
<td>756,579</td>
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<tr>
<td>Renovation</td>
<td>1</td>
<td>6,616,774</td>
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<tr>
<td>Competitive Revisions</td>
<td>3</td>
<td>1,062,775</td>
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<tr>
<td>Research Grants</td>
<td>21</td>
<td>5,069,401</td>
</tr>
<tr>
<td>Fellowships</td>
<td>1</td>
<td>38,821</td>
</tr>
<tr>
<td>Administrative Supplements</td>
<td>52</td>
<td>9,648,031</td>
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</table>

87 $27,083,322
**Federal Funding**

<table>
<thead>
<tr>
<th>Federal</th>
<th>#</th>
<th>$ Total</th>
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<tbody>
<tr>
<td>AHRQ</td>
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<tr>
<td>Augusta VA Medical Center</td>
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<td>CDC</td>
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<td>Department of Justice</td>
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<td>Department of Veterans Affairs</td>
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<td>Dept. of Education</td>
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<td>1,696,040</td>
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<td>DOD</td>
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<td>DOD/ONR</td>
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<tr>
<td>DOD/US Army</td>
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<td>146,000</td>
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<tr>
<td>DOE</td>
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<td>528,000</td>
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<td>EPA</td>
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<td>93,646</td>
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<tr>
<td>FDA</td>
<td>1</td>
<td>150,612</td>
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</table>

<table>
<thead>
<tr>
<th>Federal</th>
<th>#</th>
<th>$ Total</th>
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</thead>
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<tr>
<td>Dept. of State</td>
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<td>Natl. Libraries of Medicine</td>
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<td>NIST</td>
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<td>NIH</td>
<td>382</td>
<td>136,093,684</td>
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<tr>
<td>NOAA</td>
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<td>13,800</td>
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<tr>
<td>NSF</td>
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<td>SAMHSA</td>
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<tr>
<td>US Army/USAMRAA</td>
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<td>26,460</td>
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<tr>
<td>Ralph H. Johnson Veteran’s Medical Center</td>
<td>45</td>
<td>8,266,205</td>
</tr>
</tbody>
</table>

**Total for Federal (22 Agencies)** | 486 | $155,625,371 |

The total number of awards received in the direct federal funding category increased 21.8% from 399 awards in FY 2009 to 486 in FY 2010. In addition, MUSC’s overall direct federal funding level grew to $155.6M in FY 2010 from $119.1M in FY 2009. This 30.6% increase in the direct federal funding category is attributed in part to MUSC’s success in competing for ARRA funded awards. However, the direct federal funding category grew in FY 2010 even without considering any of the ARRA funding. Excluding ARRA funded award dollars, MUSC was still up 8.8% over the FY 2009 non-ARRA direct federal funding level. As in past years, in FY 2010 the NIH was MUSC’s leading source of overall extramural funding. NIH funding constituted 58.1% of all funding received by MUSC and 87.5% of direct federal funding. MUSC garnered 382 NIH awards (up 81 from FY 2009), accounting for just over $136M in funding. NIH funding at MUSC during FY 2010 increased by 31.7% over the prior year. The 382 NIH awards MUSC received consisted of the following: 84 new, 16 competing continuations, 202 non-competing continuations, 77 supplements and 3 transfers. Both the new (up 21) and the supplement (up 54) award categories increased substantially from a year ago primarily due to ARRA funding.

**Figure 4**
Figure 4 depicts the percentage breakdown by agency funding source of all FY 2010 direct federal funding awarded to MUSC. MUSC’s FY 2010 breakdown of federal funding by agency remained relatively consistent since last year, despite modest increases and decreases from the FY 2009 data. Comparing FY 2010 data with the FY 2009 data resulted in no major deviations.

### Table 3

<table>
<thead>
<tr>
<th>NIH Award Types</th>
<th>FY09</th>
<th>FY10</th>
<th>+/-</th>
<th>FY09 Amount</th>
<th>FY10 Amount</th>
<th>Net Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research Projects (R)</td>
<td>201</td>
<td>243</td>
<td>42</td>
<td>* $56,090,539</td>
<td>$67,243,740</td>
<td>$11,153,201</td>
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<tr>
<td>Research Related (S)</td>
<td>0</td>
<td>2</td>
<td>2</td>
<td>-</td>
<td>756,579</td>
<td>756,579</td>
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<td>Career Development (K)</td>
<td>28</td>
<td>31</td>
<td>3</td>
<td>4,258,967</td>
<td>5,108,359</td>
<td>849,392</td>
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<td>Program Projects/Centers (P)</td>
<td>14</td>
<td>27</td>
<td>13</td>
<td>** 19,520,501</td>
<td>22,727,027</td>
<td>3,206,526</td>
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<tr>
<td>Training (T,D)</td>
<td>16</td>
<td>20</td>
<td>4</td>
<td>4,511,356</td>
<td>5,803,021</td>
<td>1,291,665</td>
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<tr>
<td>Fellowships (F)</td>
<td>19</td>
<td>26</td>
<td>7</td>
<td>754,321</td>
<td>1,032,252</td>
<td>277,931</td>
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<tr>
<td>Cooperative Agreements (U)</td>
<td>14</td>
<td>23</td>
<td>9</td>
<td>14,298,912</td>
<td>24,065,568</td>
<td>9,766,656</td>
</tr>
<tr>
<td>Construction/Instrumentation (C,G)</td>
<td>2</td>
<td>4</td>
<td>2</td>
<td>630,019</td>
<td>7,312,461</td>
<td>6,682,442</td>
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<tr>
<td>Contracts</td>
<td>7</td>
<td>6</td>
<td>-1</td>
<td>3,282,216</td>
<td>2,044,677</td>
<td>(1,237,539)</td>
</tr>
</tbody>
</table>

* 36 ARRA funded supplements
** 9 ARRA funded supplements

The increase in NIH funding over last year occurred in nearly all of the NIH award types (Table 3). Investigator-initiated research projects (R-awards) experienced the largest increase (up 42 from a year ago). Most of this increase can be attributed to ARRA funded supplements (see Table 3). In FY 2010 NIH funding awarded to MUSC via the R-mechanisms grew by more than $11.1M over FY 2009. Other substantial increases occurred in cooperative agreements (U-awards), an increase of $9.7M. Construction/instrumentation (C and G awards) increased $6.6M, and program projects/center (P-awards) increased $3.2M. MUSC’s only decrease occurred in the NIH contracts mechanism, which was down $1.2M. Increases in all other NIH mechanisms accounted for a substantial $32.7M increase in NIH funds awarded to MUSC in FY 2010. Although ARRA funding constituted $27M of this increase, NIH-awarded dollars were still up $6.6M in FY 2010 over the previous year.

### Federal Flow-Down Funding

MUSC experienced a 26.3% increase in the federal flow-down category from the $20.4M in FY 2009 to $25.8M in FY 2010. ARRA funding (just over $3.6M in this category) accounted for most of this increase; however, excluding the ARRA funded awards, federal flow-down funding was still up over $1.7M. During FY 2010, MUSC received 235 federal flow-down awards from 97 different sponsoring organizations.
## Foundation Funding

Although MUSC’s number of awards in the foundation funding category remained the same as FY 2009 (118), the overall funding level decreased by 22.6%.

Funding from foundations declined from $13.8M in FY 2009 to $10.67M in FY 2010.

<table>
<thead>
<tr>
<th>Federal Flow-Down</th>
<th>#</th>
<th>$ Total</th>
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<td>Fred Hutchison Cancer Research Center</td>
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<td>Idaho Technology, Inc.</td>
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<td>Indiana University</td>
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<td>Jaeb Center for Health Research, Inc.</td>
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</tr>
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<td>Johns Hopkins Univ.</td>
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<td>393,881</td>
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<tr>
<td>Lentigen Corporation</td>
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<td>629,121</td>
</tr>
<tr>
<td>Louisiana State University</td>
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<td>42,042</td>
</tr>
<tr>
<td>Mayo Clinic</td>
<td>1</td>
<td>101,782</td>
</tr>
<tr>
<td>MFC Technologies, LLC</td>
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<td>171,048</td>
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<tr>
<td>Montefiore Medical Center</td>
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<td>34,934</td>
</tr>
<tr>
<td>Morehouse School of Medicine, Inc.</td>
<td>1</td>
<td>70,000</td>
</tr>
<tr>
<td>National Childhood Cancer Fdn.</td>
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<td>95,094</td>
</tr>
<tr>
<td>National Environmental Education Fdn.</td>
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<td>43,500</td>
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<tr>
<td>National Morrow Donor Program</td>
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<td>27,649</td>
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<tr>
<td>New England Research Institutes</td>
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<td>305,200</td>
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<tr>
<td>New Jersey Dept. of Corrections</td>
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<td>Northwestern Univ.</td>
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<td>Oklahoma Medical Research Fdn.</td>
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<td>Princeton Univ.</td>
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<tr>
<td>Radiation Therapy Oncology Group</td>
<td>1</td>
<td>37,500</td>
</tr>
<tr>
<td>Rady Childrens Hospital San Diego</td>
<td>1</td>
<td>39,671</td>
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<tr>
<td>Research Fdn. for Mental Hygiene</td>
<td>1</td>
<td>27,446</td>
</tr>
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<td>SC Dept. of Public Safety</td>
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<td>SC DHHS</td>
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<td>SC Primary Health Care Assoc.</td>
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<td>SC Research Authority</td>
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<td>SC Sea Grant Consortium</td>
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<td>SC State Univ.</td>
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<td>SCUREF</td>
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<tr>
<td>SphingoGene, Inc.</td>
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<td>Tennessee State Univ.</td>
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<tr>
<td>The Feinstein Institute</td>
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</tr>
<tr>
<td>Univ. of Alabama, Birmingham</td>
<td>5</td>
<td>311,962</td>
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<tr>
<td>Univ. of Arkansas</td>
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<td>13,627</td>
</tr>
<tr>
<td>Univ. of California, Los Angeles</td>
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<td>137,364</td>
</tr>
<tr>
<td>Univ. of California, San Diego</td>
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<td>70,250</td>
</tr>
<tr>
<td>Univ. of California, San Francisco</td>
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<td>224,166</td>
</tr>
</tbody>
</table>

**Total for Federal Flow-Down** | 235 | $25,851,519 (97 Entities)**

<table>
<thead>
<tr>
<th>Foundation/Other Non-Profit</th>
<th>#</th>
<th>$ Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAMC</td>
<td>2</td>
<td>5,000</td>
</tr>
<tr>
<td>ACR Research and Education Fdn.</td>
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<td>2,500</td>
</tr>
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<td>Alliance for Lupus Research</td>
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<tr>
<td>Alpha-1 Assoc.</td>
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<td>76,074</td>
</tr>
<tr>
<td>Alpha-1 Fdn.</td>
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<td>Amer. Acad. of Nursing</td>
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<tr>
<td>Amer. Assoc. for Thoracic Surgery</td>
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<td>80,000</td>
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</table>

<table>
<thead>
<tr>
<th>Foundation/Other Non-Profit</th>
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<tr>
<td>Amer. Cancer Soc.</td>
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<tr>
<td>Amer. College of Cardiology</td>
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<td>Amer. Diabetes Assoc.</td>
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<tr>
<td>Amer. Heart Assoc.</td>
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</tr>
<tr>
<td>Amer. Heart Assoc./Mid-Atlantic</td>
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Executive Summary

Foundation/Other Non-Profit # $ Total
Amer. Society of Nephrology 1 5,000
Amer. Society of Transplant Surgeons 1 50,000
American Pharmacists Assoc. Fdn. 1 1,000
Autism Speaks 1 116,071
Avon Fdn. 1 125,000
Burroughs Wellcome Fdn. 1 1,000
Charleston Research Institute 1 6,723
Childrens Hosp. of Philadelphia 1 2,000
Cleveland Clinic Fdn. 3 29,875
Coastal Community Fdn. of SC 1 25,000
Commonwealth Fund 1 16,461
Communities in Schools 1 25,000
Congressional Black Caucus 1 35,000
Copper Development Assoc. 1 16,000
Cystic Fibrosis Fdn. 4 152,754
Cystic Fibrosis Fdn. Therapeutics, Inc. 1 82,080
Daisy Foundation 1 840
Deafness Research Fdn. 1 50,000
Dee Norton Lowcountry Childrens Ctr 1 446,560
Donald W. Reynolds Fdn. 1 500,000
Duke Endowment 4 1,155,044
Fdn. Fighting Blindness 2 260,000
Fletcher Allen Health Care 1 15,000
Foundation for Anesthesia 1 50,000
Health Sciences SC 9 1,791,783
Hope for Depression Research Fdn. 1 55,000
Josiah Macy, Jr. Fdn. 1 35,000
Komen for the Cure/Lowcountry Affiliate 1 47,000
Leducq Foundation 2 334,033
LifeNet Health 1 4,370
March of Dimes/SC Chapter 2 71,028

State Fundings

In FY 2010, state funding dropped by 41% to $10.3M in contrast to FY 2009, when state funding was up primarily because of the South Carolina Centers of Economic Excellence (SCCOEE) program. The total number of awards (49) received from state funding in FY 2010 decreased by 24 awards. Though FY 2010 was a challenging year, especially in the state funding category, MUSC researchers were awarded just over $9.3M from the SCCOEE program. The state of South Carolina’s investment in these and future SCCOEE projects should produce a positive effect on South Carolina’s overall economic future.

State of South Carolina # $ Total
Clemson Univ. 5 229,144
SC Council of Deans & Directors for Nursing Educ 1 834,070
SC Dept. of Disabilities and Spec. Needs 1 1,250
SC Dept. of Public Safety 1 2,123
SC DHEC 4 195,874
SC EPSCOR 2 74,653

Corporate Funding

MUSC’s corporate funding experienced a 32% decrease in overall funding in FY 2010. Although the total number of awards actually increased from 359 in FY 2009 to 365 in FY 2010, the funding level declined from $45.0M to $30.6M. Some of this decrease can be attributed to several large multi-million dollar projects awarded to MUSC.
in FY 2009 that were not replicated or replaced during FY 2010. Many of MUSC’s largest corporate-funded projects in FY 2010 were funded by Actelion Pharmaceuticals, Covance, GlaxoSmithKline, Genentech, Novartis, Quintiles Pacific, and Wyeth.
## Executive Summary

### Annual Research Report 2010

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**Total for Corporate** 365 $30,612,486 (151 Entities)

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### Other Support

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**Total for Other Support** 22 $1,079,397 (19 Entities)

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*Medical University of South Carolina*
**College and Department Summaries**

**Administration** received 39 awards in FY 2010, an increase of four from the previous year. However, overall funding decreased by $1.34M, or 10.9%, mostly due to decreases in state funding. The reduction of state funding was balanced by significantly increased federal funding, growing by $7.2M due mainly to a $6.6M ARRA funded construction grant from the National Center for Research Resources (NCRR) secured to improve the facilities of the Basic Sciences Building.

The **College of Nursing** received 29 awards in FY 2010, two more than FY 2009. Overall funding levels were maintained at just over $4M. Corporate, federal and federal flow-down funding increased significantly, almost balancing declines from the other funding sources. The College was awarded $221,436 in ARRA funding, primarily in the direct federal funding category that had a modest effect on overall funding levels within the College. Maintaining the 38.1% increase from FY 2009 in light of the economic environment of FY 2010 was a remarkable accomplishment.

The **College of Dental Medicine** received 16 awards in FY 2010, one more than last year. Total funding for the College increased substantially by 31.3% to $5.38M for the year. The majority of this increase came in the direct federal funding category, whereby the College was awarded $1.55M in ARRA funding, boosting the federal award totals in FY 2010. The College also experienced a modest increase in state funding that helped offset some of the declines in corporate, foundation and federal flow-down funding.
The College of Medicine had an increase of 130 awards for a total of 1,111 in FY 2010. The increase in awards resulted in a 7.5% increase ($14.2M) in total funding, providing $204.1M for the year. The majority of this funding increase resulted from significant growth in direct federal and federal flow-down funding categories because of the College’s success in competing for additional federal dollars available via ARRA. The College received 73 ARRA funded awards totaling over $17.5M in the direct federal category and 29 ARRA awards totaling over $2.8M in the federal flow-down category during FY 2010. The gains in the federal, federal flow-down and foundation sectors more than offset the declines experienced in the corporate and state categories. Notably, in FY 2010 NIH funding awarded to the College grew to $116.08M, a substantial increase of 24% over last year. For the third year in a row, MUSC’s NIH funding exceeded $100M.

The College of Pharmacy earned 31 awards in FY 2010, an increase of six awards over the FY 2009 total. These additional awards resulted in 23.7% ($974K) growth and represented a total award funding of $5.1M for the College. Significant increases were recorded in both the federal and federal flow-down categories. Federal funding was up 49.1% to just over $4.49M, and federal flow-down was up over 500% to just over $494K. Some of these increases stemmed from the College’s success in securing $597,235 in ARRA funding during FY 2010.

The College of Health Professions received 22 awards in FY 2010. Although this is five fewer awards than in FY 2009, the funding level increased to $3.7M, a substantial 39.9% increase over last fiscal year. The largest increase was recorded in the direct federal funding (up to just over $3M) category; however, the College also had significant increases in state funding (up to $195k), corporate funding (up to $418K), and federal flow-down funding (up to just over $60K). The College was successful in securing
$429,943 in ARRA funding during FY 2010, contributing to some of the growth noted in the direct federal funding totals.

### College and Departmental Totals

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<th># Awards</th>
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**Medical University of South Carolina**

13
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**GRAND TOTALS:**

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## Proposal and Award Summary List

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Research Faculty Activity
### Academic Affairs/Provost

**Raymond, John**

**Principal Investigator**

**Extramural Research Facilities Improvement Program: BSB**

- **Sponsor:** NIH/NCCR
- **Budget Dates:** 01/18/10 - 01/17/15
- **Direct:** $6,616,774
- **Award:** 1 C06 RR020609-01A1 (09033149)

**Library Science and Informatics**

**Buff, Scotty**

**Co-PI or Project Leader**

**Juniors Doctors of Health: Comprehensive Obesity Prevention**

- **PI:** David Garr
- **Dept:** SC AHEC
- **Sponsor:** Duke Endowment
- **Award:** 6109-SP (09072246-1)
- **Total:** $160,425

**Co-Investigator**

**Pre-Doctoral Training in Primary Care: Motivate for Health**

- **PI:** Alexander Chessman
- **Dept:** Family Medicine
- **Sponsor:** HRSA
- **Award:** 5 D56HP10309-09 (09027121-1)
- **Total:** $138,888

**Fleming, Glenn**

**Other**

**SCSU Environmental Policy Institute Sub-Agreement - Modification #3**

- **PI:** David Rivers
- **Dept:** Library Science and Informatics
- **Sponsor:** SC State Univ.
- **Award:** 06-441850-UTC-MUSC-SC (08112646-1)
- **Total:** $700,000

**Community Leaders Institute**

**SCSU - Environmental Policy Outreach Initiative**

- **PI:** David Rivers
- **Dept:** Library Science and Informatics
- **Sponsor:** DOE
- **Award:** DE-LM0000122 (09032729-1)
- **Total:** $359,524

**Hazard, E.**

**Generation and Function of Variable Prenyl Protein Processing**

- **PI:** John Hildebrandt
- **Dept:** Division of Basic Sciences
- **Sponsor:** NIH/NIGMS
- **Award:** 3 R01 GM082981-01A2S1 (09041349-1)
- **Total:** $189,840

**Mechanisms of Regulation of NHE-1**

- **PI:** John Raymond
- **Dept:** Medicine
- **Sponsor:** NIH/NIDDK
- **Award:** 5 R01 DK052448-11 (09041575-1)
- **Total:** $212,500

**Hoffius, Susan**

**Principal Investigator**

**Picture of Health: Digitizing and Preserving South Carolina's Medical Artifacts**

- **Sponsor:** MUSC Fdn.
- **Budget Dates:** 11/15/09 - 11/15/10
- **Direct:** $12,000
- **Award:** 2008-287 (08122946)

**Express Library Digitization Award**

- **Sponsor:** Univ. of Maryland
- **Budget Dates:** 03/01/10 - 02/28/11
- **Direct:** $5,000
- **Award:** N01-LM-6-3502 (10011175)
### Jablonski, Richard

**SCSU Environmental Policy Institute Sub-Agreement - Modification #3**
- PI: David Rivers
- Sponsor: SC State Univ.
- Total: $700,000
- Dept: Library Science and Informatics
- Award: 06-441850-UTC-MUSC-SC (08112646-1)

**Community Leaders Institute**
- PI: David Rivers
- Sponsor: DOE
- Total: $359,524
- Dept: Library Science and Informatics
- Award: DE-LM0000122 (09032729-1)

**SCSU - Environmental Policy Outreach Initiative**
- PI: David Rivers
- Sponsor: SC State Univ.
- Total: $515,873
- Dept: Library Science and Informatics
- Award: 06-441850-UTC-MUSC-SC (09040807-1)

**SCSU - Environmental Policy Outreach Initiative**
- PI: David Rivers
- Sponsor: Tennessee State Univ.
- Total: $78,968
- Dept: Library Science and Informatics
- Award: DE-FG02-94EW11428 (09072458-1)

**SCSU Community Leaders Workshop, Revision 8 (SCUREF Rev 12)**
- PI: David Rivers
- Sponsor: SCUREF
- Total: $97,702
- Dept: Library Science and Informatics
- Award: WEST094/KK05307 (09092278-1)

### Mauldin, Mary

**Charleston County Teen and Family EMPOWER Program**
- PI: Carla Danielson
- Sponsor: SAMHSA
- Total: $255,006
- Dept: Psychiatry and Behavioral Sciences
- Award: 5 U79 SP015156-02 (09030294-1)

**National Center for Disaster Mental Health Research-Phase II**
- PI: Dean Kilpatrick
- Sponsor: Dartmouth Coll.
- Total: $47,663
- Dept: Psychiatry and Behavioral Sciences
- Award: 496/5 P60 MH082598-03 (09100569-1)

**Web-Based Intervention for Disaster-Affected Adolescents and Families**
- PI: Kenneth Ruggiero
- Sponsor: NIH/NIMH
- Total: $654,168
- Dept: Psychiatry and Behavioral Sciences
- Award: 5 R01 MH081056-02 (09072764-1)

**Disseminating Trauma-Focused CBT to Child Welfare Therapists: Web-Based Model**
- PI: Benjamin Saunders
- Sponsor: Allegheny-Singer Research Institute
- Total: $65,578
- Dept: Psychiatry and Behavioral Sciences
- Award: 208.0327 (09072355-1)

### May, Janice

**Minority Conferences Exhibits**
- Sponsor: National Network of Libraries of Medicine
- Budget Dates: 09/10/09 - 12/31/09
- Direct: $2,000
- Award: N01-LM-6-3502 (09092062)
- Project Dates: 09/10/09 - 12/31/09
- F & A: 0

**SCSU Environmental Policy Institute Sub-Agreement - Modification #3**
- PI: David Rivers
- Sponsor: SC State Univ.
- Total: $700,000
- Dept: Library Science and Informatics
- Award: 06-441850-UTC-MUSC-SC (08112646-1)

**SCSU - Environmental Policy Outreach Initiative**
- PI: David Rivers
- Sponsor: SC State Univ.
- Total: $515,873
- Dept: Library Science and Informatics
- Award: 06-441850-UTC-MUSC-SC (09040807-1)

### Rivers, David

**Corp. Support - National Conference on Health Disparities**
- Sponsor: Multiple Sponsors
- Budget Dates: 02/01/07 - 12/31/09
- Direct: $145,000
- Award: Conference (070912513)
- Project Dates: 02/01/07 - 12/31/09
- F & A: 0

**SCSU Environmental Policy Institute Sub-Agreement - Modification #3**
- PI: David Rivers
- Sponsor: SC State Univ.
- Budget Dates: 10/01/09 - 09/29/11
- Direct: $700,000
- Award: 06-441850-UTC-MUSC-SC (08112646)
- Project Dates: 09/30/05 - 09/29/11
- F & A: 0

**Community Leaders Institute**
- PI: David Rivers
- Sponsor: DOE
- Project Dates: 10/01/09 - 09/30/12
- Direct: $359,524
- Award: DE-LM0000122 (09032729)
- Project Dates: 10/01/09 - 09/30/12
- F & A: 93,476
Rivers, David  Principal Investigator  

**SCSU - Environmental Policy Outreach Initiative**  
Sponsor: SC State Univ.  
Award: 06-441850-UTC-MUSC-SC (09040807)  
Budget Dates: 09/30/09 - 09/29/12  
Direct: $ 515,873  
F & A: $ 134,127

**Virgin Islands Outreach Program: Caribbean Exploratory NCMHD Research Center for Excellence**  
Sponsor: Univ. of the Virgin Islands  
Award: CALLWOOD-ARRA-2009-4/3P20 (09061171)  
Budget Dates: 09/21/09 - 09/20/11  
Direct: $ 245,002  
F & A: $ 63,700

**Community Leaders Institute, Technical Assistance Workshops, and the National Conference on Health Disparities**  
Sponsor: Tennessee State Univ.  
Award: DE-FG02-94EW11428 (09072458)  
Budget Dates: 01/01/10 - 12/31/10  
Direct: $ 78,968  
F & A: $ 20,532

**SCUREF Community Leaders Workshop, Revision 8 (SCUREF Rev 12)**  
Sponsor: SCUREF  
Award: WEST094/KK05307 (09092278)  
Budget Dates: 07/28/03 - 09/30/10  
Direct: $ 245,002  
F & A: $ 63,700

**Lilly USA - NCHD Conference Support**  
Sponsor: Lilly Research Laboratories  
Award: 100204975 (09102869)  
Budget Dates: 09/30/09 - 09/29/12  
Direct: $ 10,000  
F & A: $ 0

**GE - NCHD Educational Conference Sponsorship**  
Sponsor: General Electric  
Award: Conference (09110319)  
Budget Dates: 09/30/09 - 09/29/12  
Direct: $ 20,000  
F & A: $ 0

**Partial Support of the 4th Annual National Conference on Health Disparities (NCHD) - November 2010**  
Sponsor: Congressional Black Caucus  
Award: (10052714)  
Budget Dates: 11/01/09 - 02/28/10  
Direct: $ 35,000  
F & A: $ 0

Schachte, Margaret  Co-PI or Project Leader  
**Cardiovascular Proteomics Center - Administrative Center**  
Pl: Daniel Knapp  
Sponsor: NIH/NHLBI  
Dept: Division of Basic Sciences  
Award: N01-HV-28181 (10022672-12)  
Total: $ 82,423

Sullivan, Joann  Principal Investigator  
**SC Space Grant**  
Sponsor: Coll. of Charleston  
Award: 520587/NNG05GI68G (09050716)  
Budget Dates: 05/01/06 - 05/31/11  
Direct: $ 2,000  
F & A: $ 0

**MUSC Minority Student Development Program**  
Pl: Cynthia Wright  
Sponsor: NIH/NIGMS  
Dept: Division of Basic Sciences  
Award: 5 R25 GM072643-06 (10031143-1)  
Total: $ 298,496

Physical Plant  
Malmrose, John  Principal Investigator  
**FY 2010 Collegiate Recycling Grant Program: Travel**  
Sponsor: SC DHEC  
Award: 10.1CG10 (09082166)  
Budget Dates: 08/15/09 - 06/30/10  
Direct: $ 1,000  
F & A: $ 0

Presidents Office  
Higerd, Thomas  Principal Investigator  
**Program Administration Core**  
Sponsor: SC Spinal Cord Injury Fund  
Award: (02090301)  
Budget Dates: 07/01/02 - 06/30/10  
Direct: $ 38,800  
F & A: $ 0

Slaughter, Sabra  Co-Investigator  
**Virgin Islands Outreach Program: Caribbean Exploratory NCMHD Research Center for Excellence**  
Pl: David Rivers  
Dept: Library Science and Informatics  
Award: CALLWOOD-ARRA-2009-4/3P20 (09061171-1)  
Total: $ 245,002

**SCSU - Environmental Policy Outreach Initiative**  
Pl: David Rivers  
Dept: Library Science and Informatics  
Award: 06-441850-UTC-MUSC-SC (09040807-1)  
Total: $ 515,873

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Public Safety

Dunbar, Anthony

**Principal Investigator**

**Bulletproof Vest Partnership Grant**

- Sponsor: SC Dept. of Public Safety
- Award: (06041041)
- Budget Dates: 01/01/10 - 12/31/10
- Direct: $2,123

**Radio Communications Interoperability Enhancement**

- Sponsor: SC Dept. of Public Safety
- Award: 1GS09144 (09091655)
- Budget Dates: 07/01/09 - 06/30/10
- Direct: $106,805

SC AHEC

Carson, Deborah

**Principal Investigator**

**SC Search Program**

- Sponsor: SC Primary Health Care Assoc.
- Award: HHSH250200900037C (10012243)
- Budget Dates: 10/01/09 - 09/29/10
- Direct: $38,889

**SCDHHS Electronic Health Records**

- Sponsor: SC DHHS
- Award: (10011286-1)
- Total: $256,099

Garr, David

**Principal Investigator**

**SC Office Healthcare Workforce Analysis and Planning**

- Sponsor: Duke Endowment
- Award: 6155-SPC (08061639)
- Budget Dates: 12/01/09 - 11/30/10
- Direct: $571,564

**Model State-Supported AHEC Program**

- Sponsor: HRSA
- Award: 5 U77HP03019-16-00 (09050174)
- Budget Dates: 09/01/09 - 08/31/10
- Direct: $365,880

**Juniors Doctors of Health: Comprehensive Obesity Prevention**

- Sponsor: Duke Endowment
- Award: 6109-SP (09072246)
- Budget Dates: 06/03/08 - 07/01/11
- Direct: $160,425

**Palmetto State Geriatric Education Centers**

- Sponsor: Univ. of South Carolina
- Award: 10-1733/D31HP08807 (09100885)
- Budget Dates: 07/01/09 - 06/30/10
- Direct: $37,964

**SCDHHS Electronic Health Records**

- Sponsor: SC DHHS
- Award: (10011286)
- Budget Dates: 12/15/09 - 12/31/10
- Direct: $256,099

**Interprofessional Prevention Education: A New Objective for Health People 2020**

- Sponsor: Josiah Macy, Jr. Fdn.
- Award: S09-15 (10021180)
- Budget Dates: 02/01/10 - 12/31/10
- Direct: $31,818

Kennedy, D.

**Co-PI or Project Leader**

**Palmetto State Geriatric Education Centers**

- Sponsor: Univ. of South Carolina
- Award: 10-1733/D31HP08807 (09100885-1)
- Total: $37,964

**SCDHHS Electronic Health Records**

- Sponsor: SC DHHS
- Award: (10011286-1)
- Total: $256,099

VP for Finance and Administration

Mixon, Stewart

**Principal Investigator**

**CUPA-HR Awards Presentation**

- Sponsor: CUPA-HR
- Award: (09120230)
- Budget Dates: 12/02/09 - 12/31/11
- Direct: $4,000

Montgomery, Lisa

**Principal Investigator**

**Pediatric Cardiology Series IV Witt System**

- Sponsor: HRSA
- Award: 1 C76HF15404-01-00 (09050714)
- Budget Dates: 09/01/09 - 08/31/10
- Direct: $141,570

Medical University of South Carolina
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Palanisamy, Viswanatha

**Principal Investigator**

**Regulation of mRNA Stability in Human Saliva**

- **Sponsor:** NIH/NIDCR
- **Budget Dates:** 04/01/10 - 03/31/11
- **Direct:** $167,126
- **F & A:** $79,385

**Award:** 5 R00 DE018165-04 (10020112)

**Co-PI or Project Leader**

**SC COBRE for Oral Health Research (Project 8)**

- **PI:** Keith Kirkwood
- **Sponsor:** NIH/NCRR
- **Total:** $150,000

**Dept:** Craniofacial Biology

**Award:** 5 P20 RR017696-09 (10012138-6)

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Westwater, Caroline

**Principal Investigator**

**In Vivo Induction of Candida Albicans Morphogenesis**

- **Sponsor:** NIH/NIAID
- **Budget Dates:** 09/01/09 - 08/31/10
- **Direct:** $149,287
- **F & A:** $70,911

**Award:** 1 R21 AI078098-01 (08031293)

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**Candida Glabrata Gene Activation During Mucosal Infection**

- **Sponsor:** NIH/NIAID
- **Budget Dates:** 02/01/10 - 01/31/11
- **Direct:** $123,750
- **F & A:** $56,925

**Award:** 5 R21 AI076721-02 (10010865)

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Pediatric Dentistry and Orthodontics

Salinas, Carlos

**Principal Investigator**

**Craniofacial Anomalies and Cleft Lip and Palate Team**

- **Sponsor:** SC DHEC
- **Budget Dates:** 07/01/09 - 06/30/10
- **Direct:** $28,015
- **F & A:** $2,193

**Award:** GR-0-057 (09052980)

**Co-PI or Project Leader**

**SC COBRE for Oral Health Research (Clinical Core)**

- **PI:** Keith Kirkwood
- **Sponsor:** NIH/NCRR
- **Total:** $228,977

**Dept:** Craniofacial Biology

**Award:** 5 P20 RR017696-09 (10012138-4)

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**Stomatology**

Chi, Angela

**Collaborator**

**Macrophage-Driven Progression of Premalignant Oral Lesions Toward Invasiveness**

- **PI:** M. Young
- **Sponsor:** NIH/NIDCR
- **Total:** $250,000

**Dept:** Otolaryngology

**Award:** 5 R01 DE018168-02 (09060311-1)

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Embree, Mildred

**Principal Investigator**

**Individual Predoctoral Dental Scientist Fellowship**

- **Sponsor:** NIH/NIDCR
- **Budget Dates:** 09/01/09 - 08/31/10
- **Direct:** $44,071
- **F & A:** $0

**Award:** 5 F30 DE018072-04 (09090930)

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Leite, Renata

**Co-Investigator**

**SC COBRE for Oral Health Research (Clinical Core)**

- **PI:** Keith Kirkwood
- **Sponsor:** NIH/NCRR
- **Total:** $228,977

**Dept:** Craniofacial Biology

**Award:** 5 P20 RR017696-09 (10012138-4)
### Graduate Studies

**Halushka, Perry**  
**Principal Investigator**

**Training Program for Medical Scientists**  
**Sponsor:** NIH/NIGMS  
**Award:** 2 T32 GM008716-11 (08052087)  
**Budget Dates:** 07/01/09 - 06/30/10  
**Direct:** $224,651  
**F & A:** 12,228

**Graduate Education at the Interface of Human Biology and New Technologies**  
**Sponsor:** Dept. of Education  
**Award:** P200A090223 (09031368)  
**Budget Dates:** 08/15/09 - 08/14/10  
**Direct:** $217,760  
**F & A:** 0

**Training Program for Medical Scientists**  
**Sponsor:** NIH/NIGMS  
**Award:** 3 T32 GM008716-11S1 (09080497)  
**Budget Dates:** 08/03/09 - 08/02/11  
**Direct:** $149,776  
**F & A:** 8,152
**Health Professions**

**Breland, Hazel**

Environmental Determinants of Autoimmunity among African Americans in Coastal SC - Diversity Supplement  
*PI: Diane Kamen  Sponsor: NIH/NIEHS  Total: $20,890*

**Brotherton, Sandra**

Ambulation and Secondary Complications: Participants with Chronic Spinal Cord Injury  
*PI: James Krause  Sponsor: Dept. of Education  Total: $135,584*

**Bushardt, Reamer**

Purdue Pharma Healthcare Grant No:ED101542  
*PI: Paul Jacques  Sponsor: HRSA  Total: $97,840*

**Chipas, Anthony**

Nurse Anesthetist Traineehips 2008  
*PI: Saly Stroud  Sponsor: HRSA  Total: $7,744*

**Ellis, Jr., Charles**

Racial/Ethnic Differences in Post-Stroke Outcomes  
*PI: Robert Adams  Sponsor: HRSA  Total: $181,184*

**Jacques, Paul**

Respiratory Phase Training Effects on Swallow Impairment in Oropharyngeal Cancer  
*PI: Bonnie Martin-Harris  Sponsor: NIH/NIDCD  Total: $150,000*

**Karakostas, Tasos**

Prevention of Stroke after STOP (Post-STOP)  
*PI: Robert Adams  Sponsor: NIH/NHLBI  Total: $484,796*

**Kazley, Abby**

Project TEACH  
*PI: Paul Jacques  Sponsor: HRSA  Total: $97,840*

**Metz, Arnold**

Project TEACH  
*PI: Paul Jacques  Sponsor: HRSA  Total: $97,840*
## Annual Report for Research FY2010

### College of Health Professions

#### Research Faculty Activity

**Metz, Arnold**  
**Co-Investigator**  
**Project TEACH**  
**Pl:** Paul Jacques  
**Dept:** Health Professions  
**Sponsor:** HRSA  
**Total:** $83,344  
**Award:** 5 D57HP08309-03-02 (09012784-2)

**Mitcham, Maralynne**  
**Co-Investigator**  
**Project TEACH**  
**Pl:** Paul Jacques  
**Dept:** Health Professions  
**Sponsor:** HRSA  
**Total:** $97,840  
**Award:** 5 D57HP08309-03-00 (09012784-1)

**Mitcham, Maralynne**  
**Co-Investigator**  
**Project TEACH**  
**Pl:** Paul Jacques  
**Dept:** Health Professions  
**Sponsor:** HRSA  
**Total:** $83,344  
**Award:** 5 D57HP08309-03-02 (09012784-2)

**Moreau, Noelle**  
**Principal Investigator**  
**In Vivo Assessment of Quadriceps Muscle Plasticity in Children with Cerebral Palsy**  
**Sponsor:** Pedal with Pete  
**Budget Dates:** 01/01/09 - 12/31/10  
**Direct:** $18,184  
**Award:** (08121618)  
**Project Dates:** 01/01/09 - 12/31/10  
**F & A:** 0

**Morrisette, David**  
**Co-Investigator**  
**Ambulation and Secondary Complications: Participants with Chronic Spinal Cord Injury**  
**Pl:** James Krause  
**Dept:** Health Sciences and Research  
**Sponsor:** Dept. of Education  
**Total:** $135,584  
**Award:** H133G090059 (09011830-1)

**White, Andrea**  
**Co-Investigator**  
**Pre-Doctoral Training in Primary Care: Motivate for Health**  
**Pl:** Alexander Chessman  
**Dept:** Family Medicine  
**Sponsor:** HRSA  
**Total:** $138,888  
**Award:** 5 D56HP10309-02 (09021721-1)

**Yuen, Hon**  
**Principal Investigator**  
**Oral Home Telecare for Tetraplegics**  
**Sponsor:** NIH/NIDCR  
**Budget Dates:** 07/01/09 - 06/30/10  
**Direct:** $150,000  
**Award:** 1 R21 DE018775-01A2 (08101752)  
**Project Dates:** 07/01/09 - 06/30/11  
**F & A:** 71,250

### Health Sciences and Research

**Bonilha, Heather**  
**Principal Investigator**  
**Laryngeal Hypersensitivity in Persons with Habitual Cough and Voice Disorders**  
**Sponsor:** NIH/NIDCD  
**Budget Dates:** 01/01/10 - 06/30/10  
**Direct:** $39,530  
**Award:** 3 R03 DC008403-03S1 (09100254)  
**Project Dates:** 01/01/10 - 06/30/10  
**F & A:** 0

**Yuen, Hon**  
**Other**  
**Throat Clearing, Coughing, and Alternative Behavior**  
**Sponsor:** NIH/NIDCD  
**Budget Dates:** 01/01/10 - 12/31/10  
**Direct:** $99,000  
**Award:** 7 R03 DC008403-03 (09100565)  
**Project Dates:** 01/01/08 - 12/31/10  
**F & A:** 47,025

**Coker, Jennifer**  
**Other**  
**Risk of Adverse Outcomes after SCI: A Longitudinal Study**  
**Pl:** James Krause  
**Dept:** Health Sciences and Research  
**Sponsor:** NIH/NINDS  
**Total:** $278,988  
**Award:** 5 R01 NS048117-05 (09111678-1)

**Jayawardhana, Jayani**  
**Co-Investigator**  
**Effect on Boxed Warnings and Public Information on Pharmaceutical Use**  
**Pl:** Ruth Jenkins  
**Dept:** Family Medicine  
**Sponsor:** Univ. of Georgia  
**Total:** $60,270  
**Award:** R579-052/3503578 (09092275-1)

**Krause, James**  
**Principal Investigator**  
**Ambulation and Secondary Complications: Participants with Chronic Spinal Cord Injury**  
**Sponsor:** Dept. of Education  
**Budget Dates:** 10/01/09 - 09/30/10  
**Direct:** $135,584  
**Award:** H133G090059 (09011830)  
**Project Dates:** 10/01/09 - 09/30/12  
**F & A:** 64,402
Krause, James

Principal Investigator

Center on Health Outcomes Research and Capacity Building for Underserved Populations with SCI and TBI

Sponsor: Dept. of Education  Budget Dates: 10/01/09 - 09/30/10  Direct: $253,619
Award: H133A080006-04 (09062446)  Project Dates: 10/01/09 - 09/30/13  F & A: 99,515

Rehabilitation and Research Training Center on Secondary Conditions in Individuals with SCI

Sponsor: Dept. of Education  Budget Dates: 10/01/09 - 09/30/10  Direct: $709,896
Award: H133B090005 (09081959)  Project Dates: 10/01/09 - 09/30/14  F & A: 107,436

Risk of Adverse Outcomes after SCI: A Longitudinal Study

Sponsor: Dept. of Education  Budget Dates: 10/01/09 - 09/30/10  Direct: $270,492
Award: 5 R01 AA019019-01 (09042276)  Project Dates: 09/30/09 - 08/31/11  F & A: 119,921

Treatment Implications of Trauma Memory Modulation for PTSD and Alcohol Dependence

Sponsor: NIH/NIAAA  Budget Dates: 09/30/09 - 08/31/10  Direct: $270,492
Award: 1 RC1 AA019019-01 (09042276)  Project Dates: 09/30/09 - 08/31/11  F & A: 119,921

Treatment Implications of Beta-Blockade Effects on Memory for Cocaine Craving

Sponsor: NIH/NIDA  Budget Dates: 08/01/08 - 06/30/11  Direct: $125,687
Award: 5 R21 DA025155-02 (09051898)  Project Dates: 08/01/08 - 06/30/11  F & A: 58,688

Leslie, Douglas

Co-Investigator

Prevention of Postrape Drug Abuse: Replication Study

PI: Heidi Resnick  Sponsor: NIH/NIDA  Total: $498,348
Dept: Psychiatry and Behavioral Sciences  Award: 5 R01 DA023099-02 (09052234-1)

Enhancing Juvenile Drug Court Outcomes with EBPs

PI: Scott Henggeler  Sponsor: NIH/NIDA  Total: $460,451
Dept: Psychiatry and Behavioral Sciences  Award: 5 R01 DA019892-03 (09071405-1)

Saladin, Michael

Principal Investigator

Treatment Implications of Trauma Memory Modulation for PTSD and Alcohol Dependence

Sponsor: NIH/NIAAA  Budget Dates: 09/30/09 - 08/31/10  Direct: $270,492
Award: 1 RC1 AA019019-01 (09042276)  Project Dates: 09/30/09 - 08/31/11  F & A: 119,921

Treatment Implications of Beta-Blockade Effects on Memory for Cocaine Craving

Sponsor: NIH/NIDA  Budget Dates: 08/01/08 - 06/30/11  Direct: $125,687
Award: 5 R21 DA025155-02 (09051898)  Project Dates: 08/01/08 - 06/30/11  F & A: 58,688

Co-Investigator

The Impact of Real-Time fMRI Feedback on Response to Nicotine Cues

PI: Kathleen Brady  Sponsor: NIH/NIDA  Total: $173,001
Dept: Psychiatry and Behavioral Sciences  Award: 5 R21 DA026085-02 (09051574-1)

ORWH: SCOR on Sex and Gender Factors Affecting Womens Health

PI: Kathleen Brady  Sponsor: NIH/NIDA  Total: $0
Dept: Psychiatry and Behavioral Sciences  Award: 5 P50 DA016511-08 (09071076-1)

ORWH: SCOR on Sex and Gender Factors Affecting Womens Health (Project 1)

PI: Kathleen Brady  Sponsor: NIH/NIDA  Total: $143,616
Dept: Psychiatry and Behavioral Sciences  Award: 5 P50 DA016511-08 (09071076-2)

ORWH: SCOR on Sex and Gender Factors Affecting Womens Health (Project 2)

PI: Kathleen Brady  Sponsor: NIH/NIDA  Total: $141,495
Dept: Psychiatry and Behavioral Sciences  Award: 5 P50 DA016511-08 (09071076-3)

ORWH: SCOR on Sex and Gender Factors Affecting Womens Health (Project 4)

PI: Kathleen Brady  Sponsor: NIH/NIDA  Total: $168,341
Dept: Psychiatry and Behavioral Sciences  Award: 5 P50 DA016511-08 (09071076-4)

ORWH: SCOR on Sex and Gender Factors Affecting Womens Health (Administrative)

PI: Kathleen Brady  Sponsor: NIH/NIDA  Total: $133,299
Dept: Psychiatry and Behavioral Sciences  Award: 5 P50 DA016511-08 (09071076-5)

Translational Research in Addiction Center (TRAC) Year 04: Administrative Core

PI: Ronald See  Sponsor: NIH/NIDA  Total: $170,164
Dept: Neurosciences  Award: 5 P20 DA022658-04 (09110437-2)

A Novel Treatment to Boost Quit Attempts and Cessation among Unmotivated Smokers

PI: Matthew Carpenter  Sponsor: NIH/NIDA  Total: $241,740
Dept: Psychiatry and Behavioral Sciences  Award: 5 R01 DA021619-04 (10031982-1)
Saladin, Michael  
Co-Investigator  
D-Cycloserine Facilitation of Cocaine-Cue Extinction  
PI: Kathleen Brady  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIDA  
Award: 5 R01 DA023188-03 (10041308-1)  
Total: $248,603

Saunders, Lee  
Co-Investigator  
Risk of Adverse Outcomes after SCI: A Longitudinal Study  
Key Personnel  
PI: James Krause  
Dept: Health Sciences and Research  
Sponsor: NIH/NINDS  
Award: 5 R01 NS048117-05 (09111678-1)  
Total: $278,988

Simpson, Kit  
Principal Investigator  
Clinical and Economic Benefits of Kaletra's Clinical, Economic and HRQL Benefits  
Sponsor: Abbott Labs  
Budget Dates: 04/15/09 - 10/14/10  
Direct: $96,000  
F & A: $24,000  
Award: FJ08002006 PO# AT04024 (09040693)  
Project Dates: 04/15/09 - 10/14/10

Economic Estimates Based on the ACTG5142 Data for Five (5) Countries  
Sponsor: Abbott Labs  
Budget Dates: 07/16/09 - 07/15/10  
Direct: $88,000  
F & A: $22,000  
Award: FJ08002-007/H09.Virology. (09081032)  
Project Dates: 07/16/09 - 07/15/10

Advanced DES Model for Kaletra  
Sponsor: Abbott Labs  
Budget Dates: 11/25/09 - 11/24/10  
Direct: $75,280  
F & A: $18,820  
Award: FJ08002-008/ PO #AT39145 (09112397)  
Project Dates: 11/25/09 - 11/24/10

JIA Economic Model  
Sponsor: Abbott Labs  
Budget Dates: 05/26/10 - 12/31/10  
Direct: $73,600  
F & A: $18,400  
Award: FJ08002-09 H10.HUMIRAJA01 (10061427)  
Project Dates: 05/26/10 - 12/31/10

Co-Investigator  
Project TEACH  
PI: Paul Jacques  
Dept: Health Professions  
Sponsor: HRSA  
Total: $97,840  
Award: 5 D57HP08309-03-00 (09012784-1)

Project TEACH  
PI: Paul Jacques  
Dept: Health Professions  
Sponsor: HRSA  
Total: $83,344  
Award: 5 D57HP08309-03-02 (09012784-2)

Critical Care Excellence in Sepsis and Trauma (CREST)  
PI: Dee Ford  
Dept: Medicine  
Sponsor: NIH/NCMHD  
Total: $367,265  
Award: 1 RC1 MD004405-01 (09042394-1)

A Program to Increase Living Donations in African Americans  
PI: Prabhakar Baliga  
Dept: Surgery  
Sponsor: NIH/NIDDK  
Total: $139,650  
Award: 5 R01 DK062596-08 (09061585-1)

Assessment of Pediatric Look-Alike, Sound-Alike(LASA)Substitution Errors  
PI: William Basco  
Dept: Pediatrics  
Sponsor: AHRQ  
Total: $33,898  
Award: 1 R03 HS018841-01 (09061588-1)

Sothmann, Mark  
Principal Investigator  
Creating an Indiana-Ohio Center for Traumatic Amputation Rehabilitation Research - Phase III  
Sponsor: Indiana University  
Budget Dates: 06/01/09 - 11/30/10  
Direct: $41,256  
Award: IUPUI/4379803MUSC/W81XWH-0 (09113017)  
Project Dates: 06/01/09 - 11/30/10  
F & A: $19,596
Anesthesia and Perioperative Medicine

McEvoy, Matthew  
Principal Investigator  
Testing the Validity, Reliability, and Efficacy of Educational Methodologies in High-Fidelity Simulation to Increase Adherence to ACLS Guidelines: Foundation for Anesthesia Education and Research  
Sponsor: Foundation for Anesthesia  
Budget Dates: 07/01/09 - 06/30/10  
Direct: $50,000  
Award: (09060839)  
Project Dates: 07/01/09 - 06/30/11  
F & A: 0  

Overdyk, Frank  
Co-PI or Project Leader  
Added Value of Sleep Nasendoscopy - STUDY #1  
Pl: M. Gillespie  
Dept: Otolaryngology  
Sponsor: Gyrus  
Total: $62,360  
Award: STUDY #1 (10021292-1)  

Reeves, Scott  
Co-Investigator  
TMS In the Management of Post Operative Pain  
Pl: Jeffrey Borckardt  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NINR  
Total: $148,500  
Award: 5 R21 NR010635-02 (10031661-1)  

Sanderson, Iain  
Principal Investigator  
Dr. Sanderson HSSC  
Sponsor: Health Sciences SC  
Budget Dates: 07/01/08 - 06/30/11  
Direct: $671,909  
Award: (09021180)  
Project Dates: 07/01/08 - 06/30/11  
F & A: 0  

GO Grant: An Open Source Research Permissions Management System for South Carolina  
Sponsor: Univ. of South Carolina  
Budget Dates: 09/30/09 - 09/29/10  
Direct: $241,094  
Award: 10-1746/1 RC2 LM010796-01 (09110950)  
Project Dates: 09/30/09 - 09/29/11  
F & A: 114,520  

Comparative Medicine

Helke, Kristi  
Co-Investigator  
Dual-Hit Hypothesis of Aging Related DA Dysfunction: Core B  
Pl: Ann-Charlotte Granholm  
Dept: Neurosciences  
Sponsor: NIH/NIA  
Total: $170,577  
Award: 5 P01 AG023630-05 (09043068-3)  

Smith, Alison  
Principal Investigator  
New Solutions to Improve Islet Recovery after Machine Preservation of the Pancreas  
Sponsor: Cell and Tissue Systems, Inc.  
Budget Dates: 01/01/09 - 05/31/10  
Direct: $16,584  
Award: 5 R44 DK076326-03 (08123050)  
Project Dates: 01/01/09 - 05/31/10  
F & A: 7,629  

Feasibility of Unfrozen Sub-Zero Storage of Mammalian Tissues with Insect Anti-Freeze Peptides  
Sponsor: Cell and Tissue Systems, Inc.  
Budget Dates: 08/01/10 - 08/31/11  
Direct: $19,000  
Award: 2 R44 DK081233-02 (10051970)  
Project Dates: 06/01/10 - 05/31/12  
F & A: 9,025  

Swindle, M.  
Principal Investigator  
Movable Equipment for DDB Animal Facility  
Sponsor: NIH/NCCR  
Budget Dates: 05/10/10 - 05/09/11  
Direct: $496,401  
Award: 1 G20 RR029742-01 (09052872)  
Project Dates: 05/10/10 - 05/09/11  
F & A: 0  

Preclinical Testing of a Gastric Tube Clearing Device in Swine  
Sponsor: Piezo Resonance Innovations, Inc.  
Budget Dates: 01/02/10 - 10/31/10  
Direct: $156,515  
Award: AR2854 (09062970)  
Project Dates: 01/02/10 - 10/31/10  
F & A: 74,345  

Development of a Large Animal Model for Testing of Oral Implants for Treatment of Sleep Apnea  
Sponsor: Ethicon  
Budget Dates: 09/01/09 - 08/31/10  
Direct: $41,843  
Award: (09092277)  
Project Dates: 09/01/09 - 08/31/10  
F & A: 19,875  

28 Medical University of South Carolina
Swindle, M.  
**Principal Investigator**

**Novel Regulators of Heterotrimeric G-Protein**

Sponsor: Lanier Blumer  
Award: Genentech Mice (10040668)  
Budget Dates: 04/01/10 - 04/30/10  
Direct: $6,176

**Co-Investigator**

Radiofrequency Tumor Ablation at Low Frequencies

PI: Dieter Haemmerich  
Sponsor: NIH/NCI  
Award: 5 R21 CA135519-02 (09061060-1)  
Total: $112,500

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**Deans Office - COM**

Lee, Frances

**Other**

South Carolina Council of Deans and Directors for Nursing Education

PI: John Schaefer, III  
Sponsor: SC Council of Deans & Direct  
Total: $834,070

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Matson, Terri

**Principal Investigator**

**Annual Clinical Trials Network Retreats**

Sponsor: Multiple Sponsors  
Award: (09072243)  
Budget Dates: 07/22/09 - 07/22/15  
Direct: $7,500

**Other**

MUSC CCSG: Re-Engineering of Protocol Implementation and Development (RaPID)

PI: Andrew Kraft  
Sponsor: NIH/NIC  
Award: 3 P30 CA139313-02S1 (10012023-1)  
Total: $59,800

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Schaefer, III, John

**Principal Investigator**

**Lottery-Funded Center for Clinical Effectiveness and Patient Safety**

Sponsor: Health Sciences SC  
Award: (07072441)  
Budget Dates: 07/01/09 - 06/30/10  
Direct: $151,722

**South Carolina Council of Deans and Directors for Nursing Education**

Award: (09102033)  
Budget Dates: 01/01/10 - 06/30/13  
Direct: $834,070

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**Division of Basic Sciences**

Atkinson, Carl

**Principal Investigator**

**The Role of Complement in Brain Death and Ischemia Reperfusion Injury in a Mouse Heterotopic Heart Transplant Model**

Sponsor: Amer. Heart Assoc.  
Award: 0635131N (07061116)  
Budget Dates: 07/01/09 - 06/30/10  
Direct: $59,091

**The Role of Complement in the Pathogenesis of Emphysema**

Sponsor: NIH/NHLBI  
Award: 1R01 HL091944-01A2 (09030306)  
Budget Dates: 03/01/10 - 02/28/11  
Direct: $250,000

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Bai, Aiping

**Other**

Sphingosine Phosphate Role In Inflammation

PI: Lina Obeid  
Sponsor: NIH/NIGMS  
Award: 3 R01 GM062887-08S1 (09050485-1)  
Total: $80,244

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Balish, Edward

**Co-Investigator**

In Vivo Induction of Candida Albicans Morphogenesis

PI: Caroline Westwater  
Sponsor: NIH/NIAID  
Award: 1 R21 AI078098-01  
Total: $149,287

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Ball, Lauren

**Co-Investigator**

Factors That Modify Insulin Action

PI: Maria Buse  
Sponsor: NIH/NIDDK  
Award: 5 R01 DK002001-49 (10010866-1)  
Total: $213,840

Tyrosine Kinases in G Protein Mediated Signaling

PI: Louis Luttrell  
Sponsor: NIH/NIDDK  
Award: 5 R01 DK055524-12 (10041518-1)  
Total: $237,600
Bastia, Deepak

**Principal Investigator**

**Mechanism of Termination of DNA Replication**

- **Sponsor:** NIH/NIGMS
- **Award:** 3 R01 GM049264-17S1 (09071081)
- **Budget Dates:** 01/20/10 - 12/31/10
- **Direct:** $118,196
- **F & A:** $56,143

Bielawska, Alicja

**Principal Investigator**

**Sphingogene Subcontract - Acid Ceramidase, Target for Cancer**

- **Sponsor:** SphingoGene, Inc.
- **Award:** 1 R41 CA139637-01 (09040819)
- **Budget Dates:** 07/15/09 - 07/14/11
- **Direct:** $128,033
- **F & A:** $60,816

Co-PI or Project Leader

**Sphingolipids in Cancer Biology and Therapy (Core B: Lipidomics Core)**

- **PI:** Yusuf Hannun
- **Sponsor:** NIH/NCI
- **Total:** $131,845

**COBRE in Lipidomics and Pathobiology (Core B: Lipidomics)**

- **Pl:** Lina Obeid
- **Sponsor:** NIH/NCRR
- **Total:** $269,632

**MUSC Cancer Center Support Grant: Lipidomics Shared Resources**

- **Pl:** Andrew Kraft
- **Sponsor:** NIH/NCI
- **Total:** $44,401

Bielawska, Jacek

**Co-Investigator**

**Role and Regulation of Protein Kinase C Isoenzymes**

- **Pl:** Yusuf Hannun
- **Sponsor:** NIH/NHLBI
- **Total:** $250,000

**Sphingolipids in Cancer Biology and Therapy (Core B: Lipidomics Core)**

- **Pl:** Yusuf Hannun
- **Sponsor:** NIH/NCI
- **Total:** $131,845

Blumer, Joe

**Principal Investigator**

**AGS4 and G-Protein Signal Processing**

- **Sponsor:** NIH/NIGMS
- **Award:** 1 R01 GM086510-01A1 (08110449)
- **Budget Dates:** 08/01/09 - 05/31/14
- **Direct:** $210,000
- **F & A:** $93,765

**AGS4 in G-Protein Signal Processing**

- **Sponsor:** NIH/NIGMS
- **Award:** 5 R01 GM086510-02 (10051850)
- **Budget Dates:** 08/01/09 - 05/31/14
- **Direct:** $207,364
- **F & A:** $98,498

**Co-Investigator**

**Accessory Proteins and G-Protein Signaling Mechanisms**

- **Pl:** Stephen Lanier
- **Sponsor:** NIH/NIDA
- **Total:** $222,750

Bullesbach, Erika

**Mentor**

**COBRE in Lipidomics and Pathobiology (Core D: Protein Science)**

- **Pl:** Lina Obeid
- **Sponsor:** NIH/NCRR
- **Total:** $119,999

Cowart, Lauren

**Principal Investigator**

**Sphingolipid-Mediated Skeletal Muscle Pathology in Response to Free Fatty Acids**

- **Sponsor:** VAMC
- **Award:** (09070110)
- **Budget Dates:** 04/01/10 - 03/31/11
- **Direct:** $258,300

**2010 Southeastern Regional Lipid Conference (SERLC) Conference**

- **Sponsor:** Multiple Sponsors
- **Award:** (10040145)
- **Budget Dates:** 03/01/10 - 02/28/11
- **Direct:** $4,050
- **F & A:** $0
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<th>Name</th>
<th>Role</th>
<th>Project Title</th>
<th>PI/Co-Investigator</th>
<th>Sponsor</th>
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<tr>
<td>Cowart, Lauren</td>
<td>Co-Investigator</td>
<td>Statistical Methods for Integromics Discoveries</td>
<td>Xinghua Lu</td>
<td>NIH/NLM</td>
<td>$217,500</td>
<td>Division of Basic Sciences</td>
<td>Award: 1 R01 LM010144-01 (08111704-1)</td>
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<td>Davies, Christopher</td>
<td>Principal Investigator</td>
<td>Molecular Targets in Peptidoglycan Synthesis</td>
<td>Xinghua Lu</td>
<td>NIH/NIGMS</td>
<td>$129,558</td>
<td>Division of Basic Sciences</td>
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<td>Molecular Targets in Peptidoglycan Synthesis</td>
<td>Xinghua Lu</td>
<td>NIH/NIGMS</td>
<td>$217,718</td>
<td>Division of Basic Sciences</td>
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<td>Davies, Christopher</td>
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<td>NIH/NIGMS</td>
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<td>Davids, Jr., Warren</td>
<td>Principal Investigator</td>
<td>ATP-Binding Cassette Transporter-2 Regulates Amyloid Precursor Protein Dynamics</td>
<td>Lina Obeid</td>
<td>NIH/NIGMS</td>
<td>$153,392</td>
<td>Division of Basic Sciences</td>
<td>Award: 1 K01 NS062113-01A2 (08111076)</td>
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<td>Davids, Jr., Warren</td>
<td>Co-PI or Project Leader</td>
<td>ATP-Binding Cassette Transporter-2 Regulates Amyloid Precursor Protein Dynamics</td>
<td>Lina Obeid</td>
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<td>Del Poeta, Maurizio</td>
<td>Principal Investigator</td>
<td>Sphingolipid-Mediated Fungal Pathogenesis</td>
<td>Lina Obeid</td>
<td>NIH/NIAID</td>
<td>$200,000</td>
<td>Division of Basic Sciences</td>
<td>Award: 2 R01 AI056168-06A1 (08112022)</td>
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<td>New Methods for the Early Diagnosis of Invasive Fungal Infections</td>
<td>Lina Obeid</td>
<td>NIH/NIAID</td>
<td>$150,000</td>
<td>Division of Basic Sciences</td>
<td>Award: 5 R21 AI078493-02 (09063090)</td>
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<td>GANN in Lipid Biology and New Technologies</td>
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<td>$130,656</td>
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<td>Role of Phagocytosis in Pathogenesis of Cryptococcus Neoformans</td>
<td>Lina Obeid</td>
<td>NIH/NIAID</td>
<td>$232,489</td>
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<td>Del Poeta, Maurizio</td>
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<td>Support for Tamara Doering to Present at MUSC</td>
<td>Burroughs Wellcome Fdn.</td>
<td>NIH/NIAID</td>
<td>$1,000</td>
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<td>Duggan, Brendan</td>
<td>Co-Investigator</td>
<td>Rev-Dependent Nuclear Export of RNA</td>
<td>Mirko Hennig</td>
<td>NIH/NIAID</td>
<td>$137,485</td>
<td>Division of Basic Sciences</td>
<td>Award: 1 R21 AI081640-01A1 (09010664-1)</td>
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<td>COBRE in Lipidomics and Pathobiology (Core D: Protein Science)</td>
<td>Lina Obeid</td>
<td>NIH/NCRR</td>
<td>$119,999</td>
<td>Division of Basic Sciences</td>
<td>Award: 5 P20 RR017677-08 (09070870-9)</td>
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Eblen, Scott  
**Principal Investigator**  
*Regulation of Ovarian Cancer Multidrug Resistance by MAP Kinases*  
**Sponsor:** NIH/NCI  
**Award:** 5 R01 CA131200-02 (10011506)  
**Budget Dates:** 03/01/10 - 01/31/11  
**Direct:** $ 207,500  
**Project Dates:** 05/01/09 - 01/31/14  
**F & A:** $ 97,774  

Fedarovich, Alena  
**Co-Investigator**  
*Molecular Targets in Peptidoglycan Synthesis*  
**PI:** Christopher Davies  
**Dept:** Division of Basic Sciences  
**Sponsor:** NIH/NIGMS  
**Award:** 5 R01 GM066861-08 (10011913-1)  
**Budget Dates:** 03/01/10 - 01/31/11  
**Direct:** $ 217,718  
**Project Dates:** 05/01/09 - 01/31/14  
**F & A:** $ 97,774  

Fernandes, Daniel  
**Principal Investigator**  
**Hematological Malignancies Symposium**  
**Sponsor:** Multiple Sponsors  
**Award:** (05101938)  
**Budget Dates:** 12/06/05 - 06/30/10  
**Direct:** $ 10,950  
**Project Dates:** 12/06/05 - 06/30/10  
**F & A:** $ 0  

**Drug-Induced Destabilization of Bcl-2 mRNA**  
**Sponsor:** NIH/NCI  
**Award:** 3 R01 CA109254-04S1 (09062865)  
**Budget Dates:** 08/01/09 - 07/31/10  
**Direct:** $ 94,390  
**Project Dates:** 08/01/09 - 07/31/10  
**F & A:** $ 44,835  

**Other**  
*MUSC Cancer Center Support Grant: Senior Leadership*  
**PI:** Andrew Kraft  
**Dept:** Medicine  
**Sponsor:** NIH/NCI  
**Award:** 5 P30 CA138313-02 (10012770-2)  
**Budget Dates:** 12/06/05 - 06/30/10  
**Direct:** $ 229,081  

Halushka, Perry  
**Principal Investigator**  
**Thromboxane Receptors in Bladder Cancer-Fuji Project**  
**Sponsor:** Fujifilm Manufacturing, Inc.  
**Award:** Fujo Project (09072765)  
**Budget Dates:** 07/24/09 - 12/31/10  
**Direct:** $ 16,346  
**Project Dates:** 07/24/09 - 12/31/10  
**F & A:** $ 3,087  

**Co-Investigator**  
*Southeastern Predoctoral Training in Clinical Research (SPTCR): Administrative Core*  
**PI:** Thomas Hulsey  
**Dept:** Pediatrics  
**Sponsor:** NIH/NCRR  
**Award:** 5 T32 RR023258-05 (09050827-3)  
**Budget Dates:** 07/24/09 - 12/31/10  
**Direct:** $ 68,008  

**Southeastern Predoctoral Training in Clinical Research (SPTCR): Curriculum Core**  
**PI:** Thomas Hulsey  
**Dept:** Pediatrics  
**Sponsor:** NIH/NCRR  
**Award:** 5 T32 RR023258-05 (09050827-4)  
**Budget Dates:** 07/24/09 - 12/31/10  
**Direct:** $ 63,029  

**Role of Eicosanoids in Shock**  
**PI:** James Cook  
**Dept:** Neurosciences  
**Sponsor:** NIH/NIGMS  
**Award:** 5 R01 GM027673-28 (09071396-1)  
**Budget Dates:** 07/24/09 - 12/31/10  
**Direct:** $ 239,980  

**South Carolina Clinical and Translational Research Institute (SCTR) (UL1)**  
**PI:** Kathleen Brady  
**Dept:** Psychiatry and Behavioral Sciences  
**Sponsor:** NIH/NCRR  
**Award:** 1 UL1 RR029882-01 (09080615-1)  
**Budget Dates:** 07/24/09 - 12/31/10  
**Direct:** $ 2,466,971  

**The Role of Thromboxane A2 (TP) Receptor Beta in Bladder Cancer**  
**PI:** Omar Moussa  
**Dept:** Pathology and Laboratory Medicine  
**Sponsor:** NIH/NCI  
**Award:** 5 R01 CA127905-02 (10022673-1)  
**Budget Dates:** 07/24/09 - 12/31/10  
**Direct:** $ 207,500  

Hama, Hiroko  
**Principal Investigator**  
**Lipid Hydroxylation in Glial Cell Signaling and Myelination**  
**Sponsor:** NIH/NINDS  
**Award:** 3 R01 NS060807-02S1 (09021306)  
**Budget Dates:** 04/01/09 - 03/31/10  
**Direct:** $ 23,000  

**Development of Lipid Therapeutics for Fatty Acid 2-Hydroxylase Deficiency**  
**Sponsor:** NIH/NINDS  
**Award:** 1 R21 NS067112-01 (09021307)  
**Budget Dates:** 09/25/09 - 08/31/10  
**Direct:** $ 125,000  

**Lipid Hydroxylation in Glial Cell Signaling and Myelination**  
**Sponsor:** NIH/NINDS  
**Award:** 3 R01 NS060807-02S2 (09061604)  
**Budget Dates:** 04/01/09 - 03/31/10  
**Direct:** $ 95,004  

**F & A:** $ 45,127
Hama, Hiroko

**Principal Investigator**

**Lipid Hydroxylation in Gial Cell Signaling and Myelination**
Sponsor: NIH/NINDS  
Award: 5 R01 NS060807-03 (10020331)  
Budget Dates: 04/01/10 - 03/31/11  
Direct: $ 194,906  
Project Dates: 04/01/08 - 03/31/13  
F & A: $ 89,657

**Co-Investigator**

**COBRE in Lipidomics and Pathobiology (Pilot Project 1)**
PI: Lina Obeid  
Sponsor: NIH/NCRR  
Total: $ 125,000

Hannun, Yusuf

**Principal Investigator**

**Sphingolipids in Cancer Biology and Therapy: Minority Supplement for Jessica Ross**
Sponsor: NIH/NCI  
Award: 3 P01 CA097132-07S1 (08102160)  
Budget Dates: 09/01/08 - 07/31/13  
Direct: $ 24,479  
Project Dates: 07/01/02 - 07/31/14  
F & A: $ 11,628

**Role and Regulation of Protein Kinase C Isoenzymes**
Sponsor: NIH/NHLBI  
Award: 2 R01 HL043707-20A1 (08110347)  
Budget Dates: 04/13/10 - 03/31/11  
Direct: $ 250,000  
Project Dates: 07/01/90 - 03/31/14  
F & A: $ 118,750

Haque, Azizul

**Principal Investigator**

**Disruption of HLA Class II-Mediated Immune Recognition of B-Cell Lymphomas**
Sponsor: NIH/NCI  
Award: 5 R01 CA129560-02 (09120434)  
Budget Dates: 01/01/10 - 12/31/10  
Direct: $ 207,912  
Project Dates: 03/01/09 - 12/31/13  
F & A: $ 95,194

**Co-Investigator**

**Inflammation and Degeneration of Optic Nerve in EAE**
Pl: Naren Banik  
Sponsor: NIH/NINDS  
Total: $ 220,123

**Inflammation and Degeneration of Optic Nerve in EAE**
Pl: Naren Banik  
Sponsor: NIH/NINDS  
Total: $ 11,875

**Attenuation of Axonal Damage and Neuronal Death in EAE**
Pl: Naren Banik  
Sponsor: NIH/NINDS  
Total: $ 240,323
He, Songqing

Co-Investigator

Controlling Complement in Cerebral Ischemic Injury

PI: Stephen Tomlinson
Sponsor: NIH/NHLBI
Total: $218,475

Dept: Division of Basic Sciences
Award: 5 R01 HL082485-05 (09113015-1)

Hennig, Mirko

Principal Investigator

Rev-Dependent Nuclear Export of RNA

Sponsor: NIH/NIAID
Budget Dates: 08/11/09 - 07/31/10
Direct: $137,485

Award: 1 R21 AI081640-01A1 (09010664)
Project Dates: 08/11/09 - 07/31/11
F & A: 65,305

Application of Fluorine-19 Labeled RNA in Ligand-Binding Studies

Sponsor: NIH/NCRR
Budget Dates: 08/15/09 - 07/31/10
Direct: $145,000

Award: 1 R21 RR024442-01A1 (09012779)
Project Dates: 08/15/09 - 07/31/11
F & A: 61,750

CAREER: Structural Requirements for miRNA Processing and Export

Sponsor: NSF
Budget Dates: 07/01/09 - 06/30/10
Direct: $67,797

Award: Z196101/R 01 AI064307 (09121594)
Project Dates: 07/01/09 - 06/30/11
F & A: 32,203

Hildebrandt, John

Principal Investigator

Generation and Function of Variable Prenyl Protein Processing

Sponsor: NIH/NIGMS
Budget Dates: 07/17/09 - 06/30/11
Direct: $189,840

Award: 3 R01 GM082981-01A2S1 (09041349)
Project Dates: 07/17/09 - 06/30/11
F & A: 84,152

Characterization of SARS-CoV Frameshift Signal

Sponsor: Univ. of Maryland
Budget Dates: 07/01/09 - 06/30/11
Direct: $67,797

Award: Z196101/R 01 AI064307 (09121594)
Project Dates: 07/01/09 - 06/30/11
F & A: 32,203

Isaacs, Jennifer

Principal Investigator

Hsp90 Regulates EphA2 Signaling and Cell Migration in Glioblastoma

Sponsor: NIH/NCI
Budget Dates: 08/01/09 - 07/31/10
Direct: $207,500

Award: 5 R01 CA135297-02 (09061589)
Project Dates: 09/30/08 - 07/31/13
F & A: 98,563

Jenkins, Russell

Principal Investigator

Role of Protein Kinase C in the Regulation of Secretory Sphingomyelinase

Sponsor: Amer. Heart Assoc./Mid-Atlantic
Budget Dates: 07/01/09 - 06/30/10
Direct: $20,000

Award: (08011573)
Project Dates: 07/01/09 - 06/30/10
F & A: 0

Kasman, Laura

Principal Investigator

Ethanologenic/Electrogenic Consolidated Bioprocessing of Cellulosic Biomass: Phase II

Sponsor: MFC Technologies, LLC
Budget Dates: 08/15/09 - 02/28/11
Direct: $99,791

Award: DE-FG02-07ER86319 (09092166)
Project Dates: 08/15/08 - 02/28/11
F & A: 47,400

Knapp, Daniel

Principal Investigator

COEE for Proteomics: Endowed Professorships

Sponsor: SC Research Centers of Economic Excellence
Budget Dates: 07/01/08 - 06/30/09
Direct: $1,262,385

Award: (06062504)
Project Dates: 08/09/04 - 06/30/09
F & A: 0

COEE for Proteomics

Sponsor: MUSC Fdn.
Budget Dates: 07/01/07 - 06/30/11
Direct: $85,046

Award: (07091499)
Project Dates: 07/01/07 - 06/30/11
F & A: 0
Knapp, Daniel  
Principal Investigator  
Dual Mode Mass Spectrometry Platform for Increasing Depth in Proteomic Analysis  
Sponsor: NIH/NCRR  
Award: 1 R21 RR025795-01 (08052085)  
Budget Dates: 09/30/09 - 08/31/10  
Project Dates: 09/30/09 - 08/31/11  
Direct: $200,000  
F & A: $95,000  
Adminstrative Supplement, SC INBRE, NCRR ARRA Supplement, Workforce Development  
Sponsor: Univ. of South Carolina  
Award: 10-1754/3P20RR016461-09S1 (08102998)  
Budget Dates: 09/24/09 - 12/31/10  
Project Dates: 09/24/09 - 12/31/10  
Direct: $23,285  
F & A: $11,060  
Cardiovascular Proteomics Center  
Sponsor: NIH/NHLBI  
Award: 1 R01 RR016461-01 (08052085)  
Budget Dates: 09/30/09 - 08/31/10  
Project Dates: 09/30/09 - 08/31/11  
Direct: $715,411  
F & A: $309,650  
Co-Investigator  
Cellular Factors Promoting Renal Cell Carcinoma  
PI: Vincent Dammai  
Sponsor: NIH/NCI  
Total: $190,000  
Dept: Pathology and Laboratory Medicine  
Award: 5 R01 CA128002-04 (09121071-1)  
Collaborator  
Disruption of HLA Class II-Mediated Immune Recognition of B-Cell Lymphomas  
PI: Azizul Haque  
Sponsor: NIH/NCI  
Total: $207,912  
Dept: Division of Basic Sciences  
Award: 5 R01 CA129560-02 (09120434-1)  
Krupenko, Natalia  
Co-PI or Project Leader  
COBRE in Lipidomics and Pathobiology: (Pilot Project 4)  
PI: Lina Obeid  
Sponsor: NIH/NCRR  
Total: $75,000  
Dept: Division of Basic Sciences  
Award: 5 P20 RR017677-08 (09070870-4)  
Krupenko, Sergey  
Principal Investigator  
FDH: A Novel Determinant of Tumor Suppression  
Sponsor: NIH/NCI  
Award: 2 R01 CA095030-06A1 (09033041)  
Budget Dates: 05/21/10 - 03/31/11  
Project Dates: 04/01/02 - 03/31/15  
Direct: $173,595  
F & A: $82,458  
Mechanism of Action of a Major Folate Enzyme  
Sponsor: NIH/NIDDK  
Award: 3 R01 DK054388-12S1 (09061697)  
Budget Dates: 02/08/10 - 02/07/11  
Project Dates: 02/08/10 - 02/07/11  
Direct: $72,049  
F & A: $24,469  
Mechanism of Action of a Major Folate Enzyme  
Sponsor: NIH/NIDDK  
Award: 5 R01 DK054388-12 (09071519)  
Budget Dates: 07/01/09 - 06/30/10  
Project Dates: 08/01/98 - 06/30/12  
Direct: $200,900  
F & A: $92,414  
Mentor  
COBRE in Lipidomics and Pathobiology (Core D: Protein Science)  
PI: Lina Obeid  
Sponsor: NIH/NCRR  
Total: $119,999  
Dept: Division of Basic Sciences  
Award: 5 P20 RR017677-08 (09070870-9)  
Lanier, Stephen  
Principal Investigator  
NSF EPSCoR RII Track 2: Cyberinfrastructure  
Sponsor: SC Research Authority  
Award: EPS-0919440 (08121730)  
Budget Dates: 09/15/09 - 08/31/10  
Project Dates: 09/15/09 - 08/31/12  
Direct: $135,543  
F & A: $57,258  
Accessory Proteins and G-Protein Signaling Mechanisms  
Sponsor: NIH/NIDA  
Award: 5 R01 DA025896-21 (10010446)  
Budget Dates: 02/01/10 - 01/31/11  
Project Dates: 07/01/87 - 01/31/13  
Direct: $222,750  
F & A: $101,809  
Lemasters, John  
Principal Investigator  
Liver Preservation for Transplantation  
Sponsor: NIH/NIDDK  
Award: 3 R01 DK037034-24S1 (09041725)  
Budget Dates: 02/22/10 - 01/31/11  
Project Dates: 02/22/10 - 01/31/11  
Direct: $66,473  
F & A: $0  
Liu, Xiang  
Co-Investigator  
Sphingolipids in Cancer Biology and Therapy (Project 2)  
PI: Yusuf Hannun  
Sponsor: NIH/NCI  
Total: $146,687  
Dept: Division of Basic Sciences  
Award: 5 P01 CA097132-02 (09063083-6)
### Lu, Xinghua

**Principal Investigator**

**Statistical Methods for Integromics Discoveries**  
**Sponsor:** NIH/NLM  
**Award:** 1 R01 LM010144-01 (08111704)  
**Budget Dates:** 09/01/09 - 08/31/10  
**Direct:** $217,500

**Automatic Literature-Based Protein Annotation**  
**Sponsor:** NIH/NLM  
**Award:** 3 R01 LM009153-02S1 (09033152)  
**Budget Dates:** 09/01/09 - 08/31/10  
**Direct:** $26,640

**Automatic Literature-Based Protein Annotation - Administrative Supplement**  
**Sponsor:** NIH/NLM  
**Award:** 5 R01 LM009153-03 (09050605)  
**Budget Dates:** 09/01/09 - 08/31/10  
**Direct:** $217,806

### Luberto, Chiara

**Co-PI or Project Leader**

**COBRE in Lipidomics and Pathobiology (Pilot Project 1)**  
**PI:** Lina Obeid  
**Sponsor:** NIH/NCRR  
**Dept:** Division of Basic Sciences  
**Total:** $125,000  
**Award:** 5 P20 RR0176/77-08 (09070870-6)

### Manevich, Yefim

**Co-Investigator**

**The Role of Peroxiredoxin1 and Reactive Oxygen Species in Breast Tumor Initiation**  
**Pl:** Carola Neumann  
**Dept:** Division of Basic Sciences  
**Total:** $207,500  
**Award:** 1 R01 CA131350-01A2 (09061610-1)

**RNS Mediated Regulation of Protein Disulfide Isomerase in Neuronal Cells**  
**Pl:** Danyelle Townsend  
**Dept:** Pharmaceutical and Biomedical Science  
**Total:** $73,103  
**Award:** 1 R56 ES017453-01A1 (09070227-1)

### May, Harold

**Principal Investigator**

**Integrating Microbial Biostimulation and Electrolytic Aeration to Degrade POPs (Administrative Supplement)**  
**Sponsor:** NIH/NIEHS  
**Award:** 3 R01 ES016197-02S1 (09051578)  
**Budget Dates:** 09/06/09 - 08/31/11  
**Direct:** $237,046

**A Workshop on Microbial Fuel Cell Approaches to Base Camp Sustainability**  
**Sponsor:** US Army/USAMRAA  
**Award:** W911NF-09-1-0537 (09062237)  
**Budget Dates:** 09/20/09 - 09/19/10  
**Direct:** $26,460

**A Consolidated Bioprocess to Generate Hydrogen from Cellulosic Biomass**  
**Sponsor:** MFC Technologies, LLC  
**Award:** MUSC0709 (09111882)  
**Budget Dates:** 07/01/09 - 12/31/09  
**Direct:** $18,934

**Integrating Microbial Biostimulation and Electrolytic Aeration to Degrade POPs**  
**Sponsor:** NIH/NIEHS  
**Award:** 5 R01 ES016197-03 (10022205)  
**Budget Dates:** 02/01/09 - 01/31/11  
**Direct:** $246,250

### Mohanty, Bidyut

**Co-PI or Project Leader**

**COBRE in Lipidomics and Pathobiology (Pilot Project 5)**  
**Pl:** Lina Obeid  
**Dept:** Division of Basic Sciences  
**Total:** $95,000  
**Award:** 5 P20 RR017677-08 (09070870-5)

### Morris, Keely

**Principal Investigator**

**The Role of Complement in Hepatic Ischemia Reperfusion Injury and Regeneration**  
**Sponsor:** NIH/NIDDK  
**Award:** 1 F30 DK089696-01 (09120741)  
**Budget Dates:** 06/01/10 - 05/31/11  
**Direct:** $40,003

### Neumann, Carola

**Principal Investigator**

**A Breast Cancer Preventive Role for the Peroxidase Peroxiredoxin 1**  
**Sponsor:** DOD  
**Award:** W81XWH-10-1-0109 (09040815)  
**Budget Dates:** 05/15/10 - 06/14/12  
**Direct:** $373,697

**A Consolidated Bioprocess to Generate Hydrogen from Cellulosic Biomass**  
**Sponsor:** MFC Technologies, LLC  
**Award:** MUSC0709 (09111882)  
**Budget Dates:** 07/01/09 - 12/31/09  
**Direct:** $4,923

### May, Harold

**Principal Investigator**

**Integrating Microbial Biostimulation and Electrolytic Aeration to Degrade POPs (Administrative Supplement)**  
**Sponsor:** NIH/NIEHS  
**Award:** 3 R01 ES016197-02S1 (09051578)  
**Budget Dates:** 09/06/09 - 08/31/11  
**Direct:** $237,046

**A Workshop on Microbial Fuel Cell Approaches to Base Camp Sustainability**  
**Sponsor:** US Army/USAMRAA  
**Award:** W911NF-09-1-0537 (09062237)  
**Budget Dates:** 09/20/09 - 09/19/10  
**Direct:** $26,460

**A Consolidated Bioprocess to Generate Hydrogen from Cellulosic Biomass**  
**Sponsor:** MFC Technologies, LLC  
**Award:** MUSC0709 (09111882)  
**Budget Dates:** 07/01/09 - 12/31/09  
**Direct:** $18,934

**Integrating Microbial Biostimulation and Electrolytic Aeration to Degrade POPs**  
**Sponsor:** NIH/NIEHS  
**Award:** 5 R01 ES016197-03 (10022205)  
**Budget Dates:** 02/01/09 - 01/31/11  
**Direct:** $246,250

### Mohanty, Bidyut

**Co-PI or Project Leader**

**COBRE in Lipidomics and Pathobiology (Pilot Project 5)**  
**Pl:** Lina Obeid  
**Dept:** Division of Basic Sciences  
**Total:** $95,000  
**Award:** 5 P20 RR017677-08 (09070870-5)
### Neumann, Carola

**Principal Investigator**

**The Role of Peroxiredoxin1 and Reactive Oxygen Species in Breast Tumor Initiation**

<table>
<thead>
<tr>
<th>Sponsor: NIH/NCI</th>
<th>Budget Dates: 04/07/10 - 01/31/11</th>
<th>Direct: $207,500</th>
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<td>Award: 1 R01 CA131350-01A2 (09061610)</td>
<td>Project Dates: 04/07/10 - 01/31/15</td>
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Other

**Growth and Carcinogenic Potential in the Postnatal Mammary Gland**

<table>
<thead>
<tr>
<th>PI: Demetri Spyropoulos</th>
<th>Sponsor: NIH/NICHD</th>
<th>Total: $50,000</th>
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<tr>
<td>Dept: Pathology and Laboratory Medicine</td>
<td>Award: 1 R03 HD060265-01A1 (08111703-1)</td>
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### Norris, James

**Co-PI or Project Leader**

**Syntholgolipids in Cancer Biology and Therapy (Project 2)**

<table>
<thead>
<tr>
<th>PI: Yusuf Hannun</th>
<th>Sponsor: NIH/NCI</th>
<th>Total: $146,887</th>
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<tbody>
<tr>
<td>Dept: Division of Basic Sciences</td>
<td>Award: 5 P01 CA097132-07 (09063083-6)</td>
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### Oatis, Jr., John

**Co-Investigator**

**Synthetic Retinal Pigments and Binding Proteins**

<table>
<thead>
<tr>
<th>PI: Rosalie Crouch</th>
<th>Sponsor: NIH/NEI</th>
<th>Total: $240,323</th>
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<tr>
<td>Dept: Ophthalmology</td>
<td>Award: 5 R01 EY004939-27 (10020559-1)</td>
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**Synthetic Retinal Pigments and Binding Proteins**

<table>
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<th>PI: Rosalie Crouch</th>
<th>Sponsor: NIH/NEI</th>
<th>Total: $54,485</th>
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<tr>
<td>Dept: Ophthalmology</td>
<td>Award: 5 R01 EY004939-27 (10020559-2)</td>
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### Obeid, Lina

**Principal Investigator**

**COBRE in Lipidomics and Pathobiology - Advance Translational (T1 and T2) Research (Web Portal)**

<table>
<thead>
<tr>
<th>Sponsor: NIH/NCRR</th>
<th>Budget Dates: 09/17/09 - 09/16/11</th>
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**COBRE in Lipidomics and Pathobiology**

<table>
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<th>Sponsor: NIH/NCRR</th>
<th>Budget Dates: 07/01/09 - 06/30/10</th>
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<td>Award: 5 P20 RR017677-08 (09070870)</td>
<td>Project Dates: 09/26/02 - 06/30/12</td>
<td>F &amp; A: $676,200</td>
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### Ogretmen, Besim

**Principal Investigator**

**Regulation of Telomerase by Ceramide in Lung Cancer**

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<tr>
<th>Sponsor: NIH/NCI</th>
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<td>Award: 5 R01 CA088932-08 (09071524)</td>
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**Co-PI or Project Leader**

**Sphingolipids in Cancer Biology and Therapy (Project 4)**

<table>
<thead>
<tr>
<th>PI: Yusuf Hannun</th>
<th>Sponsor: NIH/NCI</th>
<th>Total: $107,117</th>
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<tr>
<td>Dept: Division of Basic Sciences</td>
<td>Award: 5 P01 CA097132-07 (09063083-8)</td>
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**Co-Investigator**

**Mitochondrial Ceramide in Chemotherapy-Induced Apoptosis**

<table>
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<tr>
<th>PI: Lina Obeid</th>
<th>Sponsor: NIH/NIA</th>
<th>Total: $185,843</th>
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<tr>
<td>Dept: Medicine</td>
<td>Award: 5 R01 AG016583-12 (09062551-1)</td>
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Other

**MUSC Minority Student Development Program**

<table>
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<tr>
<th>PI: Cynthia Wright</th>
<th>Sponsor: NIH/NIGMS</th>
<th>Total: $298,496</th>
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<tr>
<td>Dept: Division of Basic Sciences</td>
<td>Award: 5 R25 GM072643-06 (10031143-1)</td>
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### Pandey, Janardan

**Principal Investigator**

**Epistatic Effects of FcgammaR and Fc (GM) Genes in Breast Cancer**

<table>
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<tr>
<th>Sponsor: DOD/US Army</th>
<th>Budget Dates: 06/01/10 - 05/31/11</th>
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<td>Award: W81XWH-08-1-0373 (07052112)</td>
<td>Project Dates: 06/01/08 - 06/30/11</td>
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**Antibodies to Immunoglobulin Allotypes and the Development of Resistance to Trastuzumab Therapy in Breast Cancer**

<table>
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<th>Sponsor: DOD</th>
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**Racially Associated Immunoglobulin G and Fcgamma Receptor Genes and Humoral Immunity to Mucin 1 in Prostate Cancer**

<table>
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<th>Sponsor: DOD</th>
<th>Budget Dates: 03/01/10 - 02/28/11</th>
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<td>Award: W81XWH-10-1-0479 (09051348)</td>
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<td>F &amp; A: $70,110</td>
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Pandey, Janardan

**Principal Investigator**

**Genetic Regulation of Humoral Immunity to HIV and Ad5 Epitopes**

- **Sponsor:** Fred Hutchinson Cancer Research Center
- **Award:** 000681975/5U01AI068618 (09052870)

- **Budget Dates:** 06/01/09 - 05/31/10
- **Direct:** $105,085
- **F & A:** $49,915

**Sponsor:** Fred Hutchison Cancer Research Center

- **Budget Dates:** 06/01/09 - 05/31/10
- **Direct:** $105,085
- **F & A:** $49,915

Rhome, Ryan

**Principal Investigator**

**Determining the Mechanism by which Glucosylceramide Synthasa Mediates Virulence Cryptococcus Neoformans**

- **Sponsor:** Amer. Heart Assoc./Mid-Atlantic

- **Budget Dates:** 07/01/09 - 06/30/10
- **Direct:** $23,000
- **F & A:** $0

**Sponsor:** Amer. Heart Assoc./Mid-Atlantic

- **Budget Dates:** 07/01/09 - 06/30/10
- **Direct:** $23,000
- **F & A:** $0

Rosenzweig, Steven

**Principal Investigator**

**Receptor Crosstalk in HNSCC Metastatic Progression**

- **Sponsor:** NIH/NCI

- **Budget Dates:** 07/01/09 - 06/30/10
- **Direct:** $152,250
- **F & A:** $72,319

**Sponsor:** NIH/NCI

- **Budget Dates:** 07/01/09 - 06/30/10
- **Direct:** $152,250
- **F & A:** $72,319

Schmidt, Michael

**Principal Investigator**

**Nuclear Engineering and Health Physics Fellowship and Scholarship Program (NEHP)**

- **Sponsor:** SCUREF

- **Budget Dates:** 09/15/06 - 09/30/10
- **Direct:** $73,090
- **F & A:** $17,738
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<th>Project Title</th>
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<th>Budget Dates</th>
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<tr>
<td>Schmidt, Michael</td>
<td>Testing of BioBurden on Selected Touch Surfaces in Out-Patient Clinical Setting</td>
<td>Copper Development Assoc.</td>
<td>02/01/10 - 09/30/10</td>
<td>$12,800</td>
<td>$3,200</td>
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<td>Management of the Nuclear Forensics Education Award Program-DHS Supplement</td>
<td>SCUREF</td>
<td>06/29/09 - 03/14/11</td>
<td>$223,422</td>
<td>$3,647</td>
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<td>Support Services for the Blue Ribbon Commission on America's Nuclear Future</td>
<td>SCUREF</td>
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<td>$293,106</td>
<td>$56,561</td>
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<td>Nuclear Non-Proliferation International Safeguards Graduate Fellowship Program</td>
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<td>05/13/10 - 09/14/10</td>
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<td>08/15/09 - 09/14/13</td>
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<td>Support Services for the Blue Ribbon Commission on America's Nuclear Future-REV-5</td>
<td>SCUREF</td>
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<th>Budget Dates</th>
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<td>Protection of Steatotic Livers from Primary Nonfunction</td>
<td>NIH/NIDDK</td>
<td>05/05/10 - 05/04/11</td>
<td>$38,517</td>
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<td>Drug-Induced Destabilization of Bcl-2 mRNA</td>
<td>NIH/NCI</td>
<td>05/05/10 - 05/04/13</td>
<td>$0</td>
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<th>Co-Investigator</th>
<th>Project Title</th>
<th>Sponsor</th>
<th>Budget Dates</th>
<th>Direct</th>
<th>F &amp; A</th>
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<tr>
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<td>Mitochondrial Ceramide in Chemotherapy-Induced Apoptosis</td>
<td>NIH/NIA</td>
<td>05/05/10 - 05/04/13</td>
<td>$185,843</td>
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<td>Sphingolipids in Cancer Biology and Therapy (Project 3)</td>
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<td>$269,632</td>
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Tew, Kenneth

**Principal Investigator**

**Pharmacology of NOV-002**

- **Sponsor:** Novolog Therapeutics, Inc.
- **Budget Dates:** 08/01/09 - 07/31/10
- **Direct:** $157,325
- **F & A:** $39,331

**Training in Cancer Therapeutics**

- **Sponsor:** NIH/NCI
- **Budget Dates:** 07/01/09 - 06/30/10
- **Direct:** $298,614
- **F & A:** $23,700

Co-PI or Project Leader

- **MUSC Cancer Center Support Grant: Program 4: Developmental Cancer Therapeutics**
  - **PI:** Andrew Kraft
  - **Sponsor:** NIH/NCI
  - **Award:** 5 P30 CA138313-02 (10012770-6)

Tholanikunnel, Baby

**Co-Investigator**

**Novel Inhibitors of Pim Protein Kinases**

- **PI:** Andrew Kraft
- **Sponsor:** Vortex Biotechnology Corp.
- **Total:** $85,555

Tomlinson, Stephen

**Principal Investigator**

**Complement Inhibitory Therapy of Lupus**

- **Sponsor:** DOD
- **Budget Dates:** 04/01/10 - 04/30/11
- **Direct:** $160,318
- **F & A:** $73,746

**Role of Complement in Brain Death Induced Injury to Donor Hearts**

- **Sponsor:** NIH/NHLBI
- **Budget Dates:** 08/01/09 - 07/31/10
- **Direct:** $273,210
- **F & A:** $100,764

**Therapeutic Intervention**

- **Sponsor:** Augusta VA Medical Center
- **Budget Dates:** 05/01/08 - 09/30/11
- **Direct:** $50,354
- **F & A:** $0

**Controlling Complement in Cerebral Ischemic Injury**

- **Sponsor:** NIH/NHLBI
- **Budget Dates:** 12/01/05 - 11/30/10
- **Direct:** $218,475
- **F & A:** $100,499

**Studies of TT30 Biodistribution**

- **Sponsor:** Taligen
- **Budget Dates:** 03/09/10 - 03/08/12
- **Direct:** $108,475
- **F & A:** $51,525

Co-Investigator

**The Role of Complement in the Pathogenesis of Emphysema**

- **PI:** Carl Atkinson
- **Sponsor:** NIH/NHLBI
- **Total:** $250,000
- **Dept:** Division of Basic Sciences
- **Award:** 1 R01 HL091944-01A2 (09030306-1)

**Mentor**

**The Role of Complement in Hepatic Ischemia Reperfusion Injury and Regeneration**

- **PI:** Keely Morris
- **Sponsor:** NIH/NIDDK
- **Total:** $40,003
- **Dept:** Division of Basic Sciences
- **Award:** 1 F30 DK089696-01 (09120741-1)

Virella, Gabriel

**Principal Investigator**

**Medical University of South Carolina AIDS Symposium**

- **Sponsor:** Multiple Sponsors
- **Budget Dates:** 04/01/05 - 03/31/11
- **Direct:** $1,000
- **F & A:** $0

Voelkel-Johnson, Christi

**Co-Investigator**

**Isolation and Characterization of Prostate Antigen Specific High Affinity TCR**

- **PI:** Shikhar Mehrotra
- **Sponsor:** NIH/NCI
- **Total:** $132,000
- **Dept:** Surgery
- **Award:** 1 R21 CA137725-02 (09031363-2)

**Mechanisms of Sensory Hair Cell Death and Survival**

- **PI:** Lisa Cunningham
- **Sponsor:** NIH/NIDCD
- **Total:** $116,892
- **Dept:** Pathology and Laboratory Medicine
- **Award:** 3 R01 DC007613-04S2 (09033043-1)
Wright, Cynthia

Principal Investigator

**MUSC Minority Student Development Program Supplement**
Sponsor: NIH/NIGMS  
Budget Dates: 09/11/09 - 08/31/11  
Direct: $65,772

**MUSC-Clafin Cooperative for Postdoctoral Academic Career Development**
Sponsor: NIH/NIGMS  
Budget Dates: 08/01/09 - 07/31/10  
Direct: $364,631

**MUSC Short-Term Research Program to Increase Diversity**
Sponsor: NIH/NHLBI  
Budget Dates: 05/01/10 - 04/30/11  
Direct: $102,400

**MUSC Minority Student Development Program**
Sponsor: NIH/NIGMS  
Budget Dates: 03/01/05 - 04/30/13  
Direct: $298,496

Zemskova, Marina

Co-Investigator

**The Mechanism of Action of Unique Small Molecules That Inhibit the Pim Protein Kinase Blocking Prostate Cancer Cell Growth**
PI: Andrew Kraft  
Dept: Medicine  
Sponsor: DOD  
Award: W81XWH-09-1-0300 (08060478-2)  
Total: $125,000

**Novel Therapeutic Approaches Toward Treating Prostate Cancer**
PI: Andrew Kraft  
Dept: Medicine  
Sponsor: DOD  
Award: W81XWH-10-1-0249 (09070751-1)  
Total: $240,928

Zhang, Yong-Mei

Co-PI or Project Leader

**COBRE in Lipidomics and Pathobiology (Project 5)**
PI: Lina Obeid  
Dept: Division of Basic Sciences  
Sponsor: NIH/NCRR  
Award: 5 P20 RR017677-08 (09070870-13)  
Total: $188,272

Zheng, Wenjin

Co-Investigator

**Modeling and Analysis of Yeast Sphingolipids**
PI: Yusuf Hannun  
Dept: Division of Basic Sciences  
Sponsor: NIH/NIGMS  
Award: 3 R01 GM063265-09S1 (10011508-1)  
Total: $90,000

Family Medicine

Blue, Amy

Co-Investigator

**Pre-Doctoral Training in Primary Care: Motivate for Health**
PI: Alexander Chessman  
Dept: Family Medicine  
Sponsor: HRSA  
Award: 5 D56HP03371-06-00 (09020323)  
Total: $138,888

Significant Contributor

**Juniors Doctors of Health: Comprehensive Obesity Prevention**
PI: David Garr  
Dept: SC AHEC  
Sponsor: Duke Endowment  
Award: 6109-SP (09072246-1)  
Total: $160,425

**Interprofessional Prevention Education: A New Objective for Health People 2020**
PI: David Garr  
Dept: SC AHEC  
Sponsor: Josiah Macy, Jr. Fdn.  
Award: S09-15 (10021180-1)  
Total: $31,818

Carek, Peter

Principal Investigator

**Residency Training in Primary Care**
Sponsor: HRSA  
Budget Dates: 07/01/09 - 06/30/10  
Direct: $108,219

**Funding of HSSC MUSC Extramural Program Officer**
Sponsor: Health Sciences SC  
Budget Dates: 07/01/09 - 06/30/10  
Direct: $44,625

**Experience in Quality Improvement for Practice for Primary Care**
Sponsor: Health Sciences SC  
Budget Dates: 04/10/09 - 03/31/10  
Direct: $245,597
Carek, Peter  
**Principal Investigator**  
**Experience in Quality Improvement for Practice for Primary Care**  
Sponsor: Health Sciences SC  
Award: HSSC2009-001-01 (10032514)  
Budget Dates: 04/01/10 - 06/30/11  
Direct: $242,519  
Project Dates: 04/10/09 - 06/30/11  
F & A: 0

Chessman, Alexander  
**Principal Investigator**  
**Pre-Doctoral Training in Primary Care: Motivate for Health**  
Sponsor: HRSA  
Award: 5 D56HP10309-02 (09021721)  
Budget Dates: 07/01/09 - 06/30/10  
Direct: $138,888  
Project Dates: 07/01/09 - 06/30/11  
F & A: 11,112

Detar, D.  
**Co-Investigator**  
Pre-Doctoral Training in Primary Care: Motivate for Health  
PI: Alexander Chessman  
Sponsor: HRSA  
Award: 5 D56HP10309-02 (09021721-1)

Diaz, Vanessa  
**Co-Investigator**  
Residency Training in Primary Care  
PI: Peter Carek  
Sponsor: HRSA  
Award: 5 D58HP03371-06-00 (09020323-1)

Dickerson, Lori  
**Principal Investigator**  
**A Collaborative Model to Improve BP Control and Minimize Racial Disparities - Trident FM Residency Site**  
Sponsor: Univ. of Iowa  
Award: 1000727897/R01 HL091841 (09100253)  
Budget Dates: 09/01/09 - 02/28/10  
Direct: $10,886  
Project Dates: 09/01/09 - 02/28/14  
F & A: 2,832

Gonsalves, Wanda  
**Principal Investigator**  
**CARES Clinic**  
Sponsor: AAMC  
Award: (07062701)  
Budget Dates: 06/01/10 - 05/31/11  
Direct: $2,000  
Project Dates: 06/01/07 - 05/31/11  
F & A: 0
Jenkins, Ruth

**Principal Investigator**

**Effect on Boxed Warnings and Public Information on Pharmaceutical Use**

- **Sponsor:** Univ. of Georgia  
- **Budget Dates:** 09/01/09 - 08/31/10  
- **Direct:** $60,270

**Co-Investigator**

**Medication Safety in Primary Care - Translating Research into Practice (MSTRIP)**

- **PI:** Steven Ornstein  
- **Dept:** Family Medicine  
- **Sponsor:** AHRQ  
- **Budget Dates:** 09/01/08 - 08/31/11  
- **Direct:** $287,860

**Implementation of Alcohol Screening, Intervention and Treatment in Primary Care**

- **PI:** Peter Miller  
- **Dept:** Psychiatry and Behavioral Sciences  
- **Sponsor:** NIH/NIAAA  
- **Budget Dates:** 09/01/08 - 08/31/11  
- **Direct:** $382,539

Kern, Donna

**Principal Investigator**

**Assessing Team Skills Performance in an Interprofessional Simulated Learning Experience**

- **Sponsor:** AAMC  
- **Budget Dates:** 11/01/09 - 10/31/11  
- **Direct:** $3,000

**Co-Investigator**

**Pre-Doctoral Training in Primary Care: Motivate for Health**

- **PI:** Alexander Chessman  
- **Dept:** Family Medicine  
- **Sponsor:** HRSA  
- **Budget Dates:** 11/01/09 - 10/31/11  
- **Direct:** $138,888

King, Dana

**Co-Investigator**

**Using an EMR-Based Intervention to Improve Screening and Diagnosis of Bipolar Disorder in Primary Care**

- **PI:** Arch Mainous  
- **Dept:** Family Medicine  
- **Sponsor:** Delaware Valley Outcomes Research  
- **Total:** $800

Lambourne, Carol

**Co-Investigator**

**Reducing Inappropriate Prescribing of Antibiotics by Primary Care Clinicians**

- **PI:** Arch Mainous  
- **Dept:** Family Medicine  
- **Sponsor:** AHRQ  
- **Total:** $154,290

Mainous, Arch

**Principal Investigator**

**Using an EMR-Based Intervention to Improve Screening and Diagnosis of Bipolar Disorder in Primary Care**

- **Sponsor:** Delaware Valley Outcomes Research  
- **Budget Dates:** 07/01/08 - 07/31/10  
- **Direct:** $800

**Diagnosis and Treatment of Hereditary Hemochromatosis**

- **Sponsor:** AAMC  
- **Budget Dates:** 09/30/09 - 09/29/10  
- **Direct:** $67,793

**Reducing Inappropriate Prescribing of Antibiotics by Primary Care Clinicians**

- **Sponsor:** AHRQ  
- **Budget Dates:** 08/24/09 - 07/22/10  
- **Direct:** $154,290

**Using an Electronic Medical Record-Based Intervention to Improve Quality of Care for Migraine Headache in Primary Care**

- **Sponsor:** General Electric  
- **Budget Dates:** 07/08/09 - 03/31/10  
- **Direct:** $220,292

**Increasing Minority Participation in Clinical Research**

- **Sponsor:** Duke Endowment  
- **Budget Dates:** 07/01/09 - 06/30/11  
- **Direct:** $324,777

**Bipolar Midpoint Analysis - Using an EMR-Based Intervention to Improve Screening and Diagnosis of Bipolar Disorder in Primary Care**

- **Sponsor:** Delaware Valley Outcomes Research  
- **Budget Dates:** 02/22/10 - 06/30/10  
- **Direct:** $8,000

Mallin, Robert

**Co-Investigator**

**Pre-Doctoral Training in Primary Care: Motivate for Health**

- **PI:** Alexander Chessman  
- **Dept:** Family Medicine  
- **Sponsor:** HRSA  
- **Total:** $138,888
**Ornstein, Steven**  
**Principal Investigator**  
**Medication Safety in Primary Care - Translating Research into Practice (MSTRIP)**  
Sponsor: AHRQ  
Budget Dates: 09/30/09 - 09/29/10  
Direct: $287,860  
Award: 5 R18 HS017037-03 (09052019)  
Project Dates: 09/30/07 - 09/29/10  
F & A: $123,216

**Ornstein, Steven**  
**Co-PI or Project Leader**  
**Implementation of Alcohol Screening, Intervention and Treatment in Primary Care**  
Pl: Peter Miller  
Sponsor: NIH/NIAAA  
Total: $382,539

**Ornstein, Steven**  
**Co-Investigator**  
**Reducing Inappropriate Prescribing of Antibiotics by Primary Care Clinicians**  
Pl: Arch Mainous  
Sponsor: AHRQ  
Total: $154,290

**Steyer, Terrence**  
**Co-Investigator**  
**Residency Training in Primary Care**  
Pl: Peter Carek  
Sponsor: HRSA  
Total: $108,219

**Wessell, Andrea**  
**Co-Investigator**  
**Residency Training in Primary Care**  
Pl: Peter Carek  
Sponsor: HRSA  
Total: $108,219

**Steyer, Terrence**  
**Co-Investigator**  
**Reducing Inappropriate Prescribing of Antibiotics by Primary Care Clinicians**  
Pl: Arch Mainous  
Sponsor: AHRQ  
Total: $154,290

**Steyer, Terrence**  
**Co-Investigator**  
**Medication Safety in Primary Care - Translating Research into Practice (MSTRIP)**  
Pl: Steven Ornstein  
Sponsor: AHRQ  
Total: $287,860

**Steyer, Terrence**  
**Co-Investigator**  
**Implementation of Alcohol Screening, Intervention and Treatment in Primary Care**  
Pl: Peter Miller  
Sponsor: NIH/NIAAA  
Total: $382,539

**Wessell, Andrea**  
**Co-Investigator**  
**Effect on Boxed Warnings and Public Information on Pharmaceutical Use**  
Pl: Ruth Jenkins  
Sponsor: Univ. of Georgia  
Total: $60,270

**Player, Marty**  
**Co-Investigator**  
**Using an Electronic Medical Record-Based Intervention to Improve Quality of Care for Migraine Headache in Primary Care**  
Pl: Arch Mainous  
Sponsor: General Electric  
Total: $220,292

**Steyer, Terrence**  
**Co-Investigator**  
**Residency Training in Primary Care**  
Pl: Peter Carek  
Sponsor: HRSA  
Total: $108,219

**Medicine**  
**Afrin, Lawrence**  
**Principal Investigator**  
**Oncology Journal Club/Seminar Series**  
Sponsor: Multiple Sponsors  
Budget Dates: 06/22/09 - 07/10/10  
Direct: $14,350  
Award: Oncology Journal Club/Sem (09052873)  
Project Dates: 06/22/09 - 07/10/10  
F & A: 0

**A Randomized, Double-Blind, Placebo-Controlled Study of the JAK Inhibitor INCB018424 Tablets Administered Orally to Subjects with Primary Myelofibrosis (PMF), Post-Polycythemia Vera-Myelofibrosis (PPV-MF) or Post-Essential Thrombocythemia Myelofibrosis (PET-MF)**  
Sponsor: PPD Development  
Budget Dates: 09/16/09 - 10/31/14  
Direct: $128,318  
Award: INCB 18424-351 (09092504)  
Project Dates: 09/16/09 - 10/31/14  
F & A: 30,954
Alberg, Anthony

Principal Investigator

Cancer Plan Evaluation
Sponsor: SC Cancer Alliance
Award: (09020438)

DNA Repair, Skin Cancer, and Overall Cancer Risk
Sponsor: NIH/NCI
Award: 3 R01 CA105069-05S1 (09052876)

SC Cancer Plan Mini-Implementation Project June 2010
Sponsor: SC Cancer Alliance
Award: (10060468)

Co-Investigator
A Novel Treatment to Boost Quit Attempts and Cessation among Unmotivated Smokers
PI: Matthew Carpenter
Dept: Psychiatry and Behavioral Sciences
Award: 5 R01 DA021619-04 (10031982-1)

Arthur, John

Principal Investigator

Prognostic Biomarkers in Diabetes
Sponsor: VAMC
Award: (08042162)

Hopkins Lupus Cohort
Sponsor: Johns Hopkins Univ.
Award: 2000440341/5 R01 AR043727 (09081750)

A Phase 4, Multi-Center, Double-Blind, Randomized, Placebo-Controlled Study of the Safety and Tolerance of Regadenoson in Subjects with Renal Impairment
Sponsor: Astellas Pharma US, Inc.
Award: 3606-CL-3010 (09093035)

Renal Disease Biomarker Center of Excellence - Expendable Account
Sponsor: MUSC Fdn. for Research Development
Award: (10021837)

Prognostic Markers in Postoperative Acute Kidney Injury
Sponsor: NIH/NIDDK
Award: 5 R01 DK080234-03 (10041516)

Co-PI or Project Leader
Cardiovascular Proteomics Center - Project 4: Improved Methods for Separation and Identification of Proteomics
PI: Daniel Knapp
Dept: Division of Basic Sciences
Award: N01-HV-28181 (10022672-3)

Co-Investigator
Identification and Validation of Plasma Biomarkers in California Sea Lions
PI: Michael Janech
Dept: Medicine
Award: N00014-08-1-0341 (09073186-1)

Mentor
Discovery of Urine Biomarkers in Patients with Glomerular Disease
PI: Michael Janech
Dept: Medicine
Award: Y011 (07120101-2)

Assey, Valerie

Co-Investigator
Ryan White Title II Funding
PI: J. Kilby
Dept: Medicine
Award: PO# 627457 (10012667-1)
Awgulewitsch, Alexandre

**Principal Investigator**

**Roles of Hox Genes in Skin and Hair Follicle Development**

- **Sponsor:** NIH/NIAMS
- **Budget Dates:** 09/01/09 - 08/31/10
- **Direct:** $219,370

**Award:**
- 5 R01 AR047204-07 (09071394)

**Co-Investigator**

**SC Cobre for Developmentally Based Cardiovascular Diseases: Core D-Molecular Tool Kit**

- **PI:** Roger Markwald
- **Sponsor:** NIH/NCRR
- **Total:** $190,808

**Baicu, Catalin**

**Co-Investigator**

**Post-Synthetic Procollagen Processing in Load-Induced Left Ventricular Remodeling**

- **PI:** Amy Bradshaw
- **Sponsor:** NIH/NHLBI
- **Total:** $250,000

**Advanced Glycation End-Products in Human Myocardium**

- **PI:** Michael Zile
- **Sponsor:** Univ. of Vermont
- **Total:** $161,266

**Bains, Sujeev**

**Co-Investigator**

**Saxagliptin Assessment of Vascular Outcomes Recorded in Patients with Diabetes Mellitus (Savor TIMI-53) Study**

- **PI:** James Thomas
- **Sponsor:** Brigham and Womens Hospit
- **Total:** $200,100

**Baker, Deanna**

**Principal Investigator**

**The Role of Sphingosine Kinase 1 in a Mouse Model of Chronic Inflammation**

- **Sponsor:** NIH/NIAMS
- **Budget Dates:** 07/01/09 - 06/30/10
- **Direct:** $36,874

**Award:**
- 1 F31 AR057307-01 (08080790)

**Baker, Nathaniel**

**Co-Investigator**

**ORWH: SCOR on Sex and Gender Factors Affecting Womens Health (Project 2)**

- **PI:** Kathleen Brady
- **Sponsor:** NIH/NIDA
- **Total:** $141,495

**Buspirone Treatment for Marijuana Dependence**

- **PI:** Aimee McRae
- **Sponsor:** NIH/NIDA
- **Total:** $229,418

**D-Cycloserine Facilitation of Cocaine-Cue Extinction**

- **PI:** Kathleen Brady
- **Sponsor:** NIH/NIDA
- **Total:** $248,603

**Balasubramanian, Sund**

**Co-Investigator**

**mTOR in Growth and Protection of Hypertrophying Myocardium**

- **PI:** Dhandapani Kuppusswamy
- **Sponsor:** NIH/NHLBI
- **Total:** $250,000

**Baldys, Aleksander**

**Principal Investigator**

**ESCRRT Proteins Play an Essential Role in EGF Receptor Recycling Mechanism Mediating Desensitization of Cell Signaling**

- **Sponsor:** Amer. Heart Assoc./Mid-Atlantic
- **Budget Dates:** 09/01/09 - 06/30/10
- **Direct:** $41,000

**Award:**
- 09POST2280104 (09012781)

**Significant Contributor**

**Mechanisms of Regulation of NHE-1**

- **PI:** John Raymond
- **Sponsor:** NIH/NIDDK
- **Total:** $212,500

**Award:**
- 5 R01 DK052448-11 (09041575-1)
Bandyopadhyay, Dipank  
**Co-Investigator**  
Oral Home Telecare for Tetraplegics  
**PI:** Hon Yuen  
**Dept:** Health Professions  
**Sponsor:** NIH/NIDCR  
**Award:** 1 R21 DE018775-01A2 (08101752-1)  
**Total:** $ 150,000  

South Carolina Consortium of the Clinical Trials Network  
**PI:** Kathleen Brady  
**Dept:** Psychiatry and Behavioral Sciences  
**Sponsor:** NIH/NIDA  
**Award:** 3 U10 DA013727-10S1 (09071083-1)  
**Total:** $ 67,791  

SC COBRE for Oral Health Research (Biostatistics Core)  
**PI:** Keith Kirkwood  
**Dept:** Craniofacial Biology  
**Sponsor:** NIH/NCRR  
**Award:** 5 P20 RR017696-09 (10012138-3)  
**Total:** $ 96,115  

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Barron, Mia  
**Principal Investigator**  
Unlocking the Mystery of Lupus and Cardiovascular Health  
**Sponsor:** Daisy Foundation  
**Budget Dates:** 09/01/09 - 02/28/11  
**Direct:** $ 840  
**Award:** (09022463)  
**Project Dates:** 09/01/09 - 02/28/11  
**F & A:** 0  

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Bell, Phillip  
**Principal Investigator**  
Cellular Mechanisms for Cilia Dependent Cystic Disease  
**Sponsor:** VAMC  
**Budget Dates:** 04/01/10 - 03/31/11  
**Direct:** $ 215,300  
**Award:** (08042167)  
**Project Dates:** 04/01/10 - 03/31/12  
**F & A:** 0  

UAB Recessive PKD Research and Translational Core Center  
**Sponsor:** Univ. of Alabama, Birmingham  
**Budget Dates:** 09/01/09 - 08/31/11  
**Direct:** $ 116,000  
**Award:** 5 P30 DK074038-05 (09081135)  
**Project Dates:** 09/01/06 - 08/31/11  
**F & A:** 26,680  

ASN - Student Scholar Grant for 2010  
**Sponsor:** Amer. Society of Nephrology  
**Budget Dates:** 06/14/10 - 08/20/10  
**Direct:** $ 5,000  
**Award:** (10043064)  
**Project Dates:** 06/14/10 - 08/20/10  
**F & A:** 0  

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Bogatkevich, Galina  
**Principal Investigator**  
Inhibition of Thrombin and Thrombin-Induced Signaling Molecules in Pulmonary Fibrosis by Dabigatran  
**Sponsor:** Boehringer Ingelheim Pharmaceuticals  
**Budget Dates:** 12/19/08 - 06/30/11  
**Direct:** $ 35,200  
**Award:** 43023110 (08100273)  
**Project Dates:** 12/19/08 - 06/30/11  
**F & A:** 8,800  

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Bolster, Marcy  
**Principal Investigator**  
A Randomized, Placebo-Controlled, Double-Blind, Parallel-Group, International Study to Evaluate the Safety and Efficacy of Rituximab (MabThera/Rituxan) in Combination with Methotrexate, Compared to Methotrexate Monotherapy, in Patients with Active Rheumatoid Arthritis  
**Sponsor:** Quintiles Pacific, Inc.  
**Budget Dates:** 12/28/05 - 12/31/12  
**Direct:** $ 7,416  
**Award:** WA17045U2973G (05111879)  
**Project Dates:** 12/28/05 - 12/31/12  
**F & A:** 1,854  

Open-Label, Prospective Study of the Safety of Rituximab in Combination with Other Disease-Modifying Anti-Rheumatic Drugs in Subjects with Active Rheumatoid Arthritis  
**Sponsor:** Genentech, Inc.  
**Budget Dates:** 07/24/07 - 06/30/11  
**Direct:** $ 18,600  
**Award:** U3924g (07042205)  
**Project Dates:** 07/24/07 - 06/30/11  
**F & A:** 4,650  

Mechanisms of B Cell Responses in Autoimmune Disease: A Double-Blind, Placebo-Controlled, Phase II, Randomized Study of Lovastatin Therapy in the Treatment of Mildly Active Rheumatoid Arthritis  
**Sponsor:** Duke Univ.  
**Budget Dates:** 09/01/09 - 04/30/10  
**Direct:** $ 108,209  
**Award:** 2U19AI05636306C09ARA (09093038)  
**Project Dates:** 09/01/09 - 04/30/10  
**F & A:** 38,282
Bolster, Marcy

**Principal Investigator**

**An Open-Label, Randomized Study to Evaluate the Safety, Tolerability and Efficacy of Tocilizumab (TCZ) Monotherapy or TCZ in Combination with Non-Biologic DMARDS in Patients with Active Rheumatoid Arthritis Who Have an Inadequate Response to Current Non-Biologic or Biologic DMARDS**

*Sponsor:* Hoffman-LaRoche, Inc.  
*Budget Dates:* 10/01/09 - 10/15/10  
*Direct:* $63,526  
*F & A:* $14,757

**Phase 3, Randomized, Double-Blind Study of the Efficacy and Safety of 2 Doses of CP-690,550 Compared to Methotrexate-Naive Patients with Rheumatoid Arthritis**

*Sponsor:* Icon Clinical Research, Inc.  
*Budget Dates:* 03/01/10 - 06/30/13  
*Direct:* $72,572  
*F & A:* $17,218

**Long-Term Effectiveness and Safety of CP-690,550 for the Treatment of Rheumatoid Arthritis**

*Sponsor:* Icon Clinical Research, Inc.  
*Budget Dates:* 03/10/10 - 03/09/13  
*Direct:* $82,488  
*F & A:* $19,397

**2010-2011 ACR-REF Abbott Medical Student Clinical Preceptorship - Preceptor Award**

*Sponsor:* ACR Research and Education Fdn.  
*Budget Dates:* 06/12/10 - 07/15/10  
*Direct:* $500  
*F & A:* $0

**Co-Investigator**

**Roche Rheumatology Preceptorship**

*Pl:* Richard Silver  
*Dept:* Medicine  
*Sponsor:* Roche Laboratories  
*Total:* $15,400

Boylan, Alice

**Co-PI or Project Leader**

**Computer-Aided Cancer Management - Supplement Pulmonary-Boylan**

*Pl:* Gerard Silvestri  
*Dept:* Medicine  
*Sponsor:* DOD  
*Total:* $68,036

Bradshaw, Amy

**Principal Investigator**

**Post Synthetic Collagen Processing in Age-Dependent LV Remodeling**

*Sponsor:* VAMC  
*Budget Dates:* 10/01/09 - 09/30/10  
*Direct:* $221,200  
*F & A:* $0

**Post-Synthetic Procollagen Processing in Load-Induced Left Ventricular Remodeling**

*Sponsor:* NIH/NHLBI  
*Budget Dates:* 09/01/09 - 08/31/10  
*Direct:* $250,000  
*F & A:* $118,750

**Matricellular Proteins as Regulators of Tumor Progression**

*Sponsor:* UT Southwestern Med. Ctr.  
*Budget Dates:* 08/01/09 - 07/31/10  
*Direct:* $21,918  
*F & A:* $10,082

Brooks, Deborah

**Co-PI or Project Leader**

**Randomized Evaluation of Efficacy and Safety of Ferric Carboxymaltose in Patients with Iron Deficiency, Anemia and Impaired Renal Function**

*Pl:* Rachel Sturdivant  
*Dept:* Medicine  
*Sponsor:* Luitpold Pharmaceuticals, Inc.  
*Total:* $45,400

**Co-Investigator**

**An Observer-Blinded, Randomized Study Comparing the Safety and Immunogenicity of HEPLISAV to Licensed Vaccine (Engerix-B) among Adults (18 to 70 Years of Age) with CKD**

*Pl:* David Ploth  
*Dept:* Medicine  
*Sponsor:* Dynavax Technologies  
*Total:* $26,925

**Other**

**Planned Transition to Sirolimus-Based Therapy Versus Continued Tacrolimus-Based Therapy in Renal Allograft Recipients**

*Pl:* Maria Egidi  
*Dept:* Medicine  
*Sponsor:* Wyeth, Inc.  
*Total:* $5,035

Brown, Alan

**Co-Investigator**

**Roche Rheumatology Preceptorship**

*Pl:* Richard Silver  
*Dept:* Medicine  
*Sponsor:* Roche Laboratories  
*Total:* $15,400
Budisavljevic, Milos  
**Principal Investigator**  
**Detection and Characterization of Glomerulonephritis Associated Proteins**  
Sponsor: Dialysis Clinics, Inc.  
Award: C-2340C (04111685)  
**R33 Phase: Novel Therapies for Resistant FSGS**  
Sponsor: The Feinstein Institute for Medical Research  
Award: 5002975 R33 DK070341-04 (09061163)  

Co-Investigator  
**An Observer-Blinded, Randomized Study Comparing the Safety and Immunogenicity of HEPLISAV to Licensed Vaccine (Engerix-B) among Adults (18 to 70 Years of Age) with CKD**  
PI: David Ploth  
Dept: Medicine  
Award: DV2-HBV-17 (09121703-1)  

Buse, Maria  
**Principal Investigator**  
**Factors That Modify Insulin Action - Admin Supplement**  
Sponsor: NIH/NIDDK  
Award: 3 R01 DK002001-48A1S1 (09041456)  
**Factors That Modify Insulin Action**  
Sponsor: NIH/NIDDK  
Award: 5 R01 DK002001-49 (10010866)  

Cantey, J.  
**Co-Investigator**  
**Copper Air Quality Program, Year 3**  
Pl: Michael Schmidt  
Dept: Division of Basic Sciences  
Award: 2007-617-05 (09052246-1)  
**Copper Antimicrobial Research Program**  
Pl: Michael Schmidt  
Dept: Division of Basic Sciences  
Award: 2007-614-05 (09060308-1)  

Carter, Rickey  
**Co-Investigator**  
**Buspirone Treatment for Marijuana Dependence**  
Pl: Aimee McRae  
Dept: Psychiatry and Behavioral Sciences  
Award: 1 R01 DA026782-01 (08090363-1)  
**Prevention of Stroke after STOP (Post-STOP)**  
Pl: Robert Adams  
Dept: Neurosciences  
Award: 1 R01 HL096789-01 (08100688-1)  
**Attentional Processing of Temporal Information**  
Pl: Catalin Buhusi  
Dept: Neurosciences  
Award: 2 R56 MH065561-07A1 (08103133-1)  

Castell, Donald  
**Principal Investigator**  
**Evaluation of Nocturnal Gastric Acidity after Repeated Bedtime Dosing with Immediate-Release Zegrid (Omeprazole/Sodium Bicarbonate) Powder for Oral Suspension 40 mg, Kapidex Delayed-Release Capsules 60 mg, and Immediate-Release Omeprazole/Sodium Bicarbonate/Magnesium Hydroxide Tablets 40 mg in Healthy Adult Volunteers**  
Sponsor: Santarus, Inc.  
Award: OME-IR(SUSP)-C25 (10031250)  

Cen, Bo  
**Co-Investigator**  
**Novel Therapeutic Approaches Toward Treating Prostate Cancer**  
Pl: Andrew Kraft  
Dept: Medicine  
Award: W81XWH-10-1-0249 (09070751-1)  

Cheng, Guangmao  
**Co-Investigator**  
**MAP4 Regulation of Cardiac Microtubule Network Density**  
Pl: George Cooper, IV  
Dept: Medicine  
Award: 1 R01 HL094545-01A2 (09062977-1)
Christiansen, Neal

Principal Investigator

A Randomized, Multi-Center, Phase III, Open-Label Study of the Efficacy and Safety of Trastuzumab-MCC-DM1 vs. Capecitabine + Lapatinib in Patients with Her2-Positive Locally Advanced or Metastatic Breast Cancer Who Have Received Prior Trastuzumab-Based Therapy

Sponsor: Genentech, Inc.
Award: TDM4370g (09102765)
Budget Dates: 10/28/09 - 10/27/14
Direct: $144,111
F & A: 35,278

Phase III Study of Doxorubicin/Cyclophosphamide (AC) Followed by Ixabepilone vs. AC Followed by Paclitaxel in Patients with Triple-Negative Early-Stage Breast Cancer (TITAN)

Sponsor: Sarah Cannon Research Institute
Award: BRE 145 (09102766)
Budget Dates: 10/30/09 - 10/29/14
Direct: $278,200
F & A: 68,800

Coxum, Sonya

Principal Investigator

Targeting of G Protein Coupled 5-HT1A Receptors

Sponsor: Dialysis Clinics, Inc.
Award: C-3053A (East Cooper) (09010984)
Budget Dates: 03/01/09 - 12/31/12
Direct: $30,000
F & A: 0

Regulation of 5-HT1A Receptor by Calmodulin

Sponsor: NIH/NHLBI
Award: 5 K01 HL092606-02 (09042847)
Budget Dates: 09/20/08 - 06/30/13
Direct: $102,908
F & A: 8,233

Comerford, Lawrence

Principal Investigator

A Phase, 2/3 Multi-Center, Randomized, Placebo-Controlled, Double-Blind Study to Evaluate the Safety and Efficacy of Golimumab Induction Therapy, Administered Subcutaneously, in Subjects with Moderately to Severely Active Ulcerative Colitis

Sponsor: Centocor, Inc.
Award: COS24T17 (10031142)
Budget Dates: 11/01/08 - 09/30/12
Direct: $80,450
F & A: 19,363

Cooper, IV, George

Principal Investigator

Connexin Distribution in Physiological Versus Pathological Cardiac Hypertrophy

Sponsor: VAMC
Award: (09041030)
Budget Dates: 10/01/09 - 09/30/10
Direct: $196,200
F & A: 0

MAP4 Regulation of Cardiac Microtubule Network Density

Sponsor: NIH/NHLBI
Award: 1 R01 HL094545-01A2 (09062977)
Budget Dates: 04/15/10 - 03/31/14
Direct: $250,000
F & A: 118,750

Costa, Luciano

Principal Investigator

Clinical Rider #0604: A Multi-Center, Phase II Trial of Non-Myeloablative Conditioning (NST) and Transplantation of Umbilical Cord Blood (UCB) from Unrelated Donors for Patients with Hematologic Malignancies

Sponsor: National Marrow Donor Program
Award: 0604/U01 HL09294 (09090102)
Budget Dates: 09/01/09 - 09/30/12
Direct: $22,629
F & A: 5,020

Phase 1b, Multi-Center, Dose-Escalation Study of Carfilzomib with Lenalidomide and Dexamethasone for Safety and Activity in Relapsed Multiple Myeloma

Sponsor: Proteolix, Inc.
Award: PX-171-066 (09092274)
Budget Dates: 09/18/09 - 10/31/14
Direct: $101,868
F & A: 24,342

A Randomized, Double-Blind, Placebo-Controlled, Multi-Center, Phase III Study of RAD001 Adjuvant Therapy in Poor Risk Patients with Diffuse Large B-Cell Lymphoma (DLBCL) of RAD001 Versus Matching Placebo after Patients Have Achieved Complete Response with First-Line Rituximab-Chemotherapy

Sponsor: Novartis Corp.
Award: RAD001N2301 (10012888)
Budget Dates: 01/05/10 - 04/08/13
Direct: $242,450
F & A: 59,862

50 Medical University of South Carolina
Costa, Luciano

**Principal Investigator**

**Phase 1/2, Open-Label Study of the Safety and Efficacy of PD 0332991 in Combination with Bortezomib and Dexamethasone in Patients with Refractory Multiple Myeloma**

Sponsor: INC Research, Inc.  
Budget Dates: 01/27/10 - 01/26/15  
Direct: $131,430  
Award: A5481004 (10020102)  
F & A: $32,107

**Phase 2, Trial of Sequential Ofatumumab and Lenalidomide for the Treatment of Chronic Lymphocytic Leukemia (CLL) Patients Previously Exposed to Rituximab**

Sponsor: GlaxoSmithKline  
Budget Dates: 01/15/10 - 01/14/15  
Direct: $111,452  
Award: OFT113297 (10020118)  
F & A: $26,988

**Phase 1/2 Study of CAT-8015 in Adult Relapsed or Refractory B-Cell Non-Hodgkin Lymphoma and Chronic Lymphocytic Leukemia**

Sponsor: Medimmune, Inc.  
Budget Dates: 02/01/10 - 01/31/15  
Direct: $86,638  
Award: MI-CP218 (10032398)  
F & A: $20,909


Sponsor: Covance, Inc.  
Budget Dates: 05/12/10 - 05/11/15  
Direct: $120,331  
Award: 273-08-201 (10040150)  
F & A: $29,254

Cotton, Peter

**Principal Investigator**

**Evaluating Predictors and Interventions in Sphincter of Oddi Dysfunction (EPISOD)**

Sponsor: NIH/NIDDK  
Budget Dates: 07/01/09 - 06/30/10  
Direct: $981,500  
Award: 5 U01 DK074739-03 (09050169)  
F & A: $249,141

**Evaluating Predictors and Interventions in Sphincter of Oddi Dysfunction (EPISOD)**

Sponsor: NIH/NIDDK  
Budget Dates: 07/01/09 - 06/30/10  
Direct: $369,285  
Award: 3 U01 DK074739-03S1 (09061165)  
F & A: $26,498

Craig, Michael

**Principal Investigator**

**A Six-Month, Multi-Center, Randomized, Double-Blind, Parallel-Group, Placebo-Controlled Study to Determine the Efficacy and Safety of 300 and 450 Microg/Day Transdermal Testosterone in Female Patients with Low Ejection Fraction and Symptomatic Heart Failure**

Sponsor: ReSearch Pharmaceutical Services, Inc.  
Budget Dates: 02/12/10 - 05/31/10  
Direct: $39,560  
Award: Cordelia 2009015 (10021940)  
F & A: $9,140

Cunningham, Joan

**Principal Investigator**

**Age-Specific and Age-Standardized Breast Cancer Subtype Incidence and Disparities**

Sponsor: NIH/NCI  
Budget Dates: 07/01/09 - 06/30/10  
Direct: $50,000  
Award: 1 R03 CA137826-01A1 (08112127)  
F & A: $23,750

Cuoco, Frank

**Principal Investigator**

**Predictive Risk Stratification Through T-Variable in ICD Patients without Indication for Permanent Pacing**

Sponsor: ELA Medical Inc.  
Budget Dates: 12/14/09 - 12/31/12  
Direct: $20,780  
Award: ITAC06 (09121698)  
F & A: $4,320

DeSantis, Stacia

Co-Investigator

**Treatment Implications of Trauma Memory Modulation for PTSD and Alcohol Dependence**

Pl: Michael Saladin  
Sponsor: NIH/NIAAA  
Total: $270,492  
Dept: Health Sciences and Research  
Award: 1 RC1 AA019019-01 (09042276-1)
DeSantis, Stacia

Co-Investigator

A Controlled Trial of N-Acetylcysteine (NAC) in Cannabis-Dependent Adolescents
PI: Kevin Gray
Dept: Psychiatry and Behavioral Sciences
Sponsor: NIH/NIDA
Total: $ 250,000
Award: 1 R01 DA026777-01 (09042391-1)

The Impact of Real-Time fMRI Feedback on Response to Nicotine Cues
PI: Kathleen Brady
Dept: Psychiatry and Behavioral Sciences
Sponsor: NIH/NIDA
Total: $ 173,001
Award: 5 R21 DA026085-02 (09051574-1)

Interdisciplinary Women's Health Research at MUSC
PI: Kathleen Brady
Dept: Psychiatry and Behavioral Sciences
Sponsor: NIH/NICHD
Total: $ 89,620
Award: 5 K12 HD055885-03 (09052867-1)

ORWH: SCOR on Sex and Gender Factors Affecting Women's Health (Project 2)
PI: Kathleen Brady
Dept: Psychiatry and Behavioral Sciences
Sponsor: NIH/NIDA
Total: $ 141,495
Award: 5 P50 DA016511-08 (09071076-3)

Drug Abuse Research Training (DART) Program
PI: Kathleen Brady
Dept: Psychiatry and Behavioral Sciences
Sponsor: NIH/NIDA
Total: $ 278,351
Award: 5 R25 DA020537-05 (10040879-1)

Buspirone Treatment for Marijuana Dependence
PI: Aimee McRae
Dept: Psychiatry and Behavioral Sciences
Sponsor: NIH/NIDA
Total: $ 229,418
Award: 5 R01 DA026782-02 (10041308-1)

D-Cycloserine Facilitation of Cocaine-Cue Extinction
PI: Kathleen Brady
Dept: Psychiatry and Behavioral Sciences
Sponsor: NIH/NIDA
Total: $ 248,603
Award: 5 R01 DA023188-03 (10041308-1)

Significant Contributor

Treatment of Alcohol Dependence and Comorbid Bipolar Disorder
PI: Bryan Tolliver
Dept: Psychiatry and Behavioral Sciences
Sponsor: NIH/NIAAA
Total: $ 197,742
Award: 5 K23 AA017666-02 (10030931-1)

Delegge, Mark

Principal Investigator

Feeding and Pancreatic Rest in Acute Pancreatitis
Sponsor: Univ. of Pittsburgh
Budget Dates: 01/01/09 - 12/31/09
Direct: $ 26,058
Award: 0001032/115326-6 (08042271)
Project Dates: 09/01/07 - 12/31/12
F & A: 11,987

Co-PI or Project Leader

Preclinical Testing of a Gastric Tube Clearing Device in Swine
PI: M. Swindle
Dept: Comparative Medicine
Sponsor: Piezo Resonance Innovations
Total: $ 156,515
Award: AR2854 (09062970-1)

Co-Investigator

Feeding in Elderly Late-Stage Dementia: The FIELD Trial
PI: Elaine Amella
Dept: Nursing
Sponsor: NIH/NIA
Total: $ 100,439
Award: 1 R21 AG032083-02 (08031073-2)

Dowdle, Merriman

Co-Investigator

A Phase 3, Randomized, Placebo-Controlled, Blinded, Multi-Center Study of the Induction and Maintenance of Clinical Response and Remission by MLN0002 in Patients with Moderate to Severe Crohn's Disease
PI: Brenda Hoffman
Dept: Medicine
Sponsor: Quintiles Pacific, Inc.
Total: $ 9,240
Award: C13007 (08101428-2)

A Phase 3, Randomized, Placebo-Controlled, Blinded, Multi-Center Study of the Induction and Maintenance of Clinical Response and Remission with Vedolizumab (MLN0002) in Patients with Moderate to Severe Ulcerative Colitis
PI: Brenda Hoffman
Dept: Medicine
Sponsor: Quintiles Pacific, Inc.
Total: $ 65,229
Award: C13006 (09082061-1)

A Phase, 2/3 Multi-Center, Randomized, Placebo-Controlled, Double-Blind Study to Evaluate the Safety and Efficacy of Golimumab Induction Therapy, Administered Subcutaneously, in Subjects with Moderately to Severely Active Ulcerative Colitis
PI: Lawrence Comerford
Dept: Medicine
Sponsor: Centocor, Inc.
Total: $ 80,450
Award: CO524T17 (10031142-1)
Drabkin, Harry

**Principal Investigator**

### A Randomized, Double-Blind, Multi-Center Study of Denosumab Compared with Zoledronic Acid (Zometa) in the Treatment of Bone Metastases in Subjects with Advanced Breast Cancer

**Sponsor:** PPD Development  
**Award:** 200610995 (06060954)  
**Budget Dates:** 06/18/06 - 05/31/11  
**Direct:** $62,762  
**F & A:** $15,691

### A Study Pazopanib Versus Sunitinib in the Treatment of Subjects with Locally Advanced and/or Metastatic Renal Cell Carcinoma

**Sponsor:** GlaxoSmithKline  
**Award:** VEG108844 (08090771)  
**Budget Dates:** 07/14/08 - 02/11/11  
**Direct:** $160,158  
**F & A:** $40,040

### SPORE in Lung Cancer

**Sponsor:** Univ. of Colorado  
**Award:** FY08.046.003/P50 CA058187 (09072248)  
**Budget Dates:** 05/11/09 - 04/30/10  
**Direct:** $193,797  
**F & A:** $89,146

### Univ TX SPORE in Lung Cancer: EMT in Bronchial Dysplasia and its Inhibition by Iloprost

**Sponsor:** UT Southwestern Med. Ctr.  
**Award:** GMO-100404/P50 CA070907 (10012559)  
**Budget Dates:** 02/01/10 - 04/30/10  
**Direct:** $49,491  
**F & A:** $23,509

### SPORE in Lung Cancer

**Co-Investigator**

**Sponsor:** Univ. of Colorado  
**Total:** $49,057  
**Dept:** Medicine  
**Award:** FY10.046.001/P50 CA058187 (09072462-1)

Durkalski, Valerie

**Principal Investigator**

### A Multi-Center Study of Acute Liver Failure in Adults

**Sponsor:** UT Southwestern Med. Ctr.  
**Award:** GMO-101005/U01 DK058369-1 (09041459)  
**Budget Dates:** 09/20/09 - 08/31/11  
**Direct:** $36,807  
**F & A:** $17,483

### Neurological Emergencies Treatment Trials Network Statistical and Data Management

**Pl:** Yuko Palesch  
**Dept:** Medicine  
**Award:** 5 U01 NS059041-04 (09052764-1)

### Feeding in Elderly Late-Stage Dementia: The FIELD Trial

**Pl:** Elaine Amella  
**Dept:** Nursing  
**Award:** 1 R21 AG032083-02 (08031073-2)

### Pilot Prospective Study of Minor Papilla Endoscopic Sphincterotomy for Pancreas Divisum

**Pl:** Joseph Romagnuolo  
**Dept:** Medicine  
**Award:** 1 R21 DK084413-01 (08101220-1)

### Optimization of TMS for Depression - Coordinating Center

**Pl:** Mark George  
**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 3 R01 MH069887-04S1 (09042033-1)  
**Total:** $108,431

### Optimization of TMS for Depression - Coordinating Center

**Pl:** Mark George  
**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 3 R01 MH069887-04S1 (09042033-2)  
**Total:** $17,184

### Evaluating Predictors and Interventions in Sphincter of Oddi Dysfunction (EPISOD)

**Pl:** Peter Cotton  
**Dept:** Medicine  
**Award:** 5 U01 DK074739-03 (09050169-1)  
**Total:** $862,033

### Evaluating Predictors and Interventions in Sphincter of Oddi Dysfunction (EPISOD)- DATA

**Pl:** Peter Cotton  
**Dept:** Medicine  
**Award:** 5 U01 DK074739-03 (09050169-2)  
**Total:** $119,467

### Telephone Delivered Behavioral Skills Intervention for Blacks with T2DM

**Pl:** Leonard Egede  
**Dept:** Medicine  
**Award:** 5 R01 DK081121-02 (09051801-1)  
**Total:** $344,462

Egan, Brent

**Principal Investigator**

### Improving Safety and Access for Physical Activity

**Sponsor:** Univ. of South Carolina  
**Award:** 07-14321R01DK067615-01A2 (09072351)  
**Budget Dates:** 07/01/09 - 06/30/10  
**Direct:** $11,479  
**F & A:** $5,281
Egan, Brent

**Principal Investigator**

**Mechanisms of Hypertension in Chronic Kidney Disease**

- **Sponsor:** Univ. of Michigan
- **Award:** DK071222-04 (09072353)
- **Budget Dates:** 07/01/09 - 06/30/10
- **Direct:** $4,290
- **Project Dates:** 07/01/09 - 06/30/10
- **F & A:** $1,973

**Baseline Assessment in CV Risk (The Midwest and the Carolinas, Georgia, Florida Chapter of ASH)**

- **Sponsor:** Amer. Society of Hypertension
- **Award:** ASH (09100675)
- **Budget Dates:** 07/20/09 - 01/31/11
- **Direct:** $85,000
- **Project Dates:** 07/20/09 - 01/31/11
- **F & A:** $0

**MUSC Hypertension Initiative of SC**

- **Sponsor:** SC DHEC
- **Award:** PO#789850 (09103082)
- **Budget Dates:** 11/16/09 - 03/29/11
- **Direct:** $58,261
- **Project Dates:** 11/16/09 - 03/29/11
- **F & A:** $8,739

**Demographic Differences in the Treatment and Control of Glucose in Type 2 Diabetic Patients:**

- **Implications for Health Care Practice and Policy**
- **Sponsor:** Takeda Pharmaceuticals
- **Award:** SC100008287 (09103083)
- **Budget Dates:** 10/16/09 - 10/15/10
- **Direct:** $64,200
- **Project Dates:** 10/16/09 - 10/15/10
- **F & A:** $16,050

**Time and Number of Visits to Control from Initiation of Therapy in Patients with Untreated, Uncontrolled Hypertension**

- **Sponsor:** Novartis Corp.
- **Award:** PO 65238086 (10012769)
- **Budget Dates:** 11/02/09 - 12/31/10
- **Direct:** $77,500
- **Project Dates:** 11/12/09 - 12/31/10
- **F & A:** $19,375

**Significant Contributor**

**Employee Health Surveillance Reporting System (EHSRS)**

- **PI:** Lawrence Mohr, Jr.
- **Sponsor:** SCUREF
- **Total:** $153,945
- **Dept:** Medicine
- **Award:** WEST171/TOA#KR69632-0 (10033135-1)

Egede, Leonard

**Principal Investigator**

**Telepsychology-Service Delivery for Depressed Elderly Veterans**

- **Sponsor:** VAMC
- **Award:** (07063035)
- **Budget Dates:** 08/01/09 - 07/31/10
- **Direct:** $204,917
- **Project Dates:** 08/01/09 - 07/31/10
- **F & A:** $0

**Short Term Research Training for Health Professional Students**

- **Sponsor:** NIH/NIDDK
- **Award:** 2 T35 DK007431-26 (09012151)
- **Budget Dates:** 05/01/10 - 04/30/11
- **Direct:** $164,280
- **Project Dates:** 05/01/10 - 04/30/11
- **F & A:** $13,142

**Telephone Delivered Behavioral Skills Intervention for Blacks with T2DM**

- **Sponsor:** NIH/NIDDK
- **Award:** 5 R01 DK081121-02 (09051801)
- **Budget Dates:** 07/01/09 - 06/30/10
- **Direct:** $344,462
- **Project Dates:** 08/01/09 - 06/30/12
- **F & A:** $162,298

**Center for Disease Prevention and Health Interventions for Diverse Populations**

- **Sponsor:** VAMC
- **Award:** (10071330)
- **Budget Dates:** 10/01/09 - 09/30/10
- **Direct:** $356,000
- **Project Dates:** 10/01/09 - 09/30/12
- **F & A:** $0

**Co-PI or Project Leader**

**Ethnic Differences in Medication Adherence and Cost for Elderly Veterans with DM**

- **PI:** Patrick Mauldin
- **Sponsor:** VAMC
- **Dept:** Pharmacy and Clinical Sciences
- **Award:** (08102373-2)
- **Total:** $133,400

**Racial Variations in Communication, Decision-Making and Diabetes Outcomes**

- **PI:** Charlene Pope
- **Sponsor:** VAMC
- **Dept:** Nursing
- **Award:** (08102374-2)
- **Total:** $230,800

**Co-Investigator**

**Innovative Service Delivery for Secondary Prevention of PTSD in at-Risk OIF-OEF Service Men and Women**

- **PI:** Thomas Uhde
- **Sponsor:** Charleston Research Institute
- **Dept:** Psychiatry and Behavioral Sciences
- **Award:** W81XWH-08-2-0047 (08052722-3)
- **Total:** $82,395

**Web Intervention for OIF-OEF Veterans with Mental Health Problems**

- **PI:** Kenneth Ruggiero
- **Sponsor:** VAMC
- **Dept:** Psychiatry and Behavioral Sciences
- **Award:** (08061966-2)
- **Total:** $251,191

**REACH U.S. Southeastern African American Center of Excellence for Elimination of Disparities**

- **PI:** Carolyn Jenkins
- **Sponsor:** CDC
- **Dept:** Nursing
- **Award:** 5 U58 DP001015-03 (09050483-1)
- **Total:** $723,475

**SCCP Medicaid Academic Detailing Project - Amendment Five**

- **PI:** Patrick Mauldin
- **Sponsor:** Univ. of South Carolina
- **Dept:** Pharmacy and Clinical Sciences
- **Award:** 08-1470 (10012889-1)
- **Total:** $41,896
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<th>Name</th>
<th>Role</th>
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<td>Egede, Leonard</td>
<td>Co-Investigator</td>
<td>SCCP Medicaid Academic Detailing Project - Amendment Six</td>
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<td>Egidi, Maria</td>
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<td>Planned Transition to Sirolimus-Based Therapy Versus Continued Tacrolimus-Based Therapy in Renal Allograft Recipients</td>
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<td>El-Shewy, Hesham</td>
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<td>Parkinson’s Disease Clinical Trial: Statistical Center</td>
<td>Univ. of Texas Health Science Center at Houston</td>
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<td>Epps, Amy</td>
<td>Co-Investigator</td>
<td>A Multi-Center, Prospective, Randomized Study to Establish the Optimal Method of Detection of CAD risk in Women at an Intermediate-High Pre-Test Likelihood of CAD</td>
<td>Cardiovascular Clinical Study</td>
<td>04/01/09 - 03/31/13</td>
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<td>Fenning, Robert</td>
<td>Co-Investigator</td>
<td>MAGELLaN-Multi-Center, Randomized, Parallel-Group, Efficacy and Safety Study for the Prevention of Venous Thromboembolism in Hospitalized Medically Ill Patients Comparing Rivaroxaban with Enoxaparin</td>
<td>Bayer Pharmaceuticals</td>
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<td>Statewide Investigation of Traumatic Brain Injury in Prisons</td>
<td>CDC</td>
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<td>Genetic Contributors to Diabetes and Dyslipidemia in African Americans</td>
<td>Univ. of Virginia</td>
<td>07/01/09 - 03/31/13</td>
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<td>Feussner, John</td>
<td>Co-PI or Project Leader</td>
<td>Aging Q3 - Quality Education, Quality Care, Quality of Life</td>
<td>Donald W. Reynolds Fdn.</td>
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<td>Angiotensin Metabolite Formation by Podocytes: Implications in Glomerular Injury</td>
<td>Univ. of South Carolina</td>
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<td>Role of Angiotensin II in Peritoneal Sclerosis</td>
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<td>03/01/09 - 03/31/13</td>
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Medical University of South Carolina
Flume, Patrick

Principal Investigator

A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study to Investigate the Safety and Efficacy of Two Doses of Tiotropium Bromide (2.5 mg and 5 mg) Administered Once Daily via the Respimat Device for 12 Weeks in Patients with Cystic Fibrosis

Sponsor: Boehringer Ingelheim Pharmaceuticals
Award: 205.339 (08092320)

Care Center - Patient Registry

Sponsor: Cystic Fibrosis Fdn.
Award: C104-09 (09072031)

Ford, Dee

Principal Investigator

Improving Patient Outcomes in End-of-Life Care Provided by Physicians and Nurses

Sponsor: Univ. of Washington
Award: 411005-4 (09040810)

Critical Care Excellence in Sepsis and Trauma (CREST)

Sponsor: NIH/NCMHD
Award: 1 RC1 MD004405-01 (09042394)

Improving Patient Outcomes in End-of-Life Care Provided by Physicians and Nurses

Sponsor: Univ. of Washington
Award: 411005-5 (10050683)

Ford, Marvella

Principal Investigator

Collaborative Undergraduate HBCU Student Summer Prostate Cancer Training Program

Sponsor: DOD
Award: W81XWH-09-1-0157 (08061014)

Improving Anti-Thrombotic Use in Stroke Prevention

Sponsor: Univ. of Florida
Award: UF0511/R 01 HL070794 (09072033)

Southeastern US Collaborative CEEED (SUCCEED)

Sponsor: Morehouse School of Medicine, Inc.
Award: 5 U58 DP000984-03 (09121813)

Co-Investigator

Increasing Minority Participation in Clinical Research

Sponsor: Duke Endowment
Award: 6098-SP (09072975-1)
Ford, Marvella

**MUSC Cancer Center Support Grant: Senior Leadership**

**PI:** Andrew Kraft  
**Sponsor:** NIH/NCI  
**Dept:** Medicine  
**Award:** 5 P30 CA138313-02 (10012770-2)  
**Total:** $229,081

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Garrett-Mayer, Elizabeth

**Co-PI or Project Leader**

**MUSC Cancer Center Support Grant: Biostatistics**

**PI:** Andrew Kraft  
**Sponsor:** NIH/NCI  
**Dept:** Medicine  
**Award:** 5 P30 CA138313-02 (10012770-12)  
**Total:** $94,169

**Age-Specific and Age-Standardized Breast Cancer Subtype Incidence and Disparities**

**PI:** Joan Cunningham  
**Sponsor:** NIH/NCI  
**Dept:** Medicine  
**Award:** 1 R03 CA137826-01A1 (08112127-1)  
**Total:** $50,000

**Sphingolipids in Cancer Biology and Therapy (Project 4)**

**PI:** Yusuf Hannun  
**Sponsor:** NIH/NCI  
**Dept:** Division of Basic Sciences  
**Award:** 5 P01 CA097132-02 (09063083-8)  
**Total:** $107,117

**Clinical Vector for TCR Immunotherapy Targeted to Melanoma**

**PI:** Michael Nishimura  
**Sponsor:** Lentigen Corporation  
**Dept:** Surgery  
**Award:** 2 R44 CA126461-02A1 (09072979-1)  
**Total:** $441,185

**The Role of Thromboxane A2 (TP) Receptor Beta in Bladder Cancer**

**PI:** Omar Moussa  
**Sponsor:** NIH/NCI  
**Dept:** Pathology and Laboratory Medicine  
**Award:** 5 R01 CA127905-02 (10022673-1)  
**Total:** $207,500

**Other**

**The Mechanism of Action of Unique Small Molecules That Inhibit the Pim Protein Kinase Blocking Prostate Cancer Cell Growth**

**PI:** Andrew Kraft  
**Sponsor:** DOD  
**Dept:** Medicine  
**Award:** W81XWH-09-1-0300 (08060478-2)  
**Total:** $125,000

**Stimulus Control and Trajectories of Adolescent Smoking**

**PI:** Matthew Carpenter  
**Sponsor:** NIH/NIDA  
**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 5 K23 DA020482-03 (09062661-1)  
**Total:** $164,071

**Novel Therapeutic Approaches Toward Treating Prostate Cancer**

**PI:** Andrew Kraft  
**Sponsor:** DOD  
**Dept:** Medicine  
**Award:** W81XWH-10-1-0249 (09070751-1)  
**Total:** $240,928

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Gault, Christopher

**Principal Investigator**

**The Role of Sphingosine Kinase 1 in Ras-Initiated Lung Carcinogenesis**

**Sponsor:** NIH/NHLBI  
**Budget Dates:** 02/01/10 - 01/31/11  
**Direct:** $37,387  
**Award:** 5 F30 HL093991-02 (09112094)  
**Project Dates:** 02/01/09 - 01/31/12  
**F & A:** 0

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Gebregziabher, Muluget

**Co-Investigator**

**Trans-Generational Impact of Maternal Obesity and Diabetes on Health Disparities**

**PI:** Kelly Hunt  
**Sponsor:** Clemson Univ.  
**Dept:** Medicine  
**Award:** 1357-209-200755/R01 MD00 (10042132-1)  
**Total:** $116,081

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Gelasco, Andrew

**Significant Contributor**

**Mechanisms of Regulation of NHE-1**

**PI:** John Raymond  
**Sponsor:** NIH/NIDDK  
**Dept:** Medicine  
**Award:** 5 R01 DK052448-11 (09041575-1)  
**Total:** $212,500

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Gemmill, Robert

**Co-PI or Project Leader**

**SPORE in Lung Cancer**

**PI:** Harry Drabkin  
**Sponsor:** Univ. of Colorado  
**Dept:** Medicine  
**Award:** FY08.046.003/P50 CA058187 (09072248-1)  
**Total:** $193,797

**Univ TX SPORE in Lung Cancer: EMT in Bronchial Dysplasia and its Inhibition by Iloprost**

**PI:** Harry Drabkin  
**Sponsor:** UT Southwestern Med. Ctr.  
**Dept:** Medicine  
**Award:** GNO-100404/P50 CA070907 (10012559-1)  
**Total:** $49,491
## A Phase I, Randomized, Double-Blind, Placebo-Controlled, Escalating, Single-and-Multiple-Dose Study of the Safety, Tolerability, and Pharmacokinetics of rhuMab IFNalpha in Adults with Mildly Active Systemic Lupus Erythematosus

**Sponsor:** Genentech, Inc.  
**Principal Investigator:** Gary Gilkeson  
**Budget Dates:** 03/14/07 - 06/30/11  
**Direct:** $2,090  
**F & A:** $522  
**Project Dates:** 03/14/07 - 06/30/11  
**Role:** Principal Investigator

## Role of Estrogen Receptors in Lupus-Modulators of the Inflammatory Response

**Sponsor:** VAMC  
**Budget Dates:** 09/30/09 - 09/30/13  
**Direct:** $189,500  
**F & A:** 0  
**Project Dates:** 09/30/09 - 09/30/13  
**Role:** Principal Investigator

## Training Grant in Inflammatory and Fibrosing Diseases

**Sponsor:** NIH/NIAMS  
**Budget Dates:** 07/01/09 - 06/30/10  
**Direct:** $165,268  
**F & A:** 0  
**Project Dates:** 07/01/09 - 06/30/10  
**Role:** Principal Investigator

## A Phase II, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Efficacy and Safety of Rontalizumab (rhuMAb-IFNalpha) in Patients with Moderately to Severely Active Systemic Lupus Erythematosus

**Sponsor:** Genentech, Inc.  
**Principal Investigator:** Gary Gilkeson  
**Budget Dates:** 07/23/09 - 07/30/11  
**Direct:** $569,628  
**F & A:** $141,657  
**Project Dates:** 07/23/09 - 07/30/11  
**Role:** Principal Investigator

## Role of Reactive Intermediates in Lupus Nephritis

**Sponsor:** NIH/NIAMS  
**Budget Dates:** 05/31/10 - 05/31/11  
**Direct:** $241,731  
**F & A:** 44,919  
**Project Dates:** 05/31/10 - 05/31/11  
**Role:** Principal Investigator

## 2010-2011 ACR-REF/Abbott Medical Student Research Preceptorship - Institutional Award (Patricia Bosnic)

**Sponsor:** ACR Research and Education Fdn.  
**Budget Dates:** 06/01/10 - 07/31/10  
**Direct:** $1,000  
**F & A:** 0  
**Project Dates:** 06/01/10 - 07/31/10  
**Role:** Principal Investigator

## Research Enhancement Award Program (REAP): Inflammatory Mediators of Renal Diseases

**Sponsor:** VAMC  
**Budget Dates:** 01/01/10 - 12/31/10  
**Direct:** $250,000  
**F & A:** 0  
**Project Dates:** 01/01/10 - 12/31/10  
**Role:** Principal Investigator

## Altered Somatic Mutation in IgAD/CVID; Association with Deficiency of Msh4/5

**Sponsor:** NIH/NIAID  
**Budget Dates:** 02/28/10 - 02/28/11  
**Direct:** $125,000  
**F & A:** 0  
**Project Dates:** 02/28/10 - 02/28/11  
**Role:** Principal Investigator

## Environmental Determinants of Autoimmunity among African Americans in Coastal SC

**Sponsor:** NIH/NIEHS  
**Budget Dates:** 07/01/10 - 06/30/11  
**Direct:** $231,805  
**F & A:** 0  
**Project Dates:** 07/01/10 - 06/30/11  
**Role:** Principal Investigator

## The Role of Sphingosine Kinase 1 in a Mouse Model of Chronic Inflammation

**Sponsor:** NIH/NIAID  
**Budget Dates:** 07/01/10 - 06/30/11  
**Direct:** $36,874  
**F & A:** 0  
**Project Dates:** 07/01/10 - 06/30/11  
**Role:** Principal Investigator

## The Role of Vitamin D in Systemic Lupus Erythematosus

**Sponsor:** NIH/NIAID  
**Budget Dates:** 07/01/10 - 06/30/11  
**Direct:** $119,875  
**F & A:** 0  
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<td>Gilkeson, Gary</td>
<td>Continuation of the Consortium for the Longitudinal Evaluation of African-Americans with Early Rheumatoid Arthritis (CLEAR) Registry</td>
<td>Edwin Smith, Collaborator</td>
<td>10/01/02 - 06/30/11</td>
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<td>Gold, Michael</td>
<td>Educational Grant in Support of an EP Fellowship</td>
<td>Medtronic, Inc.</td>
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<td>Asymptomatic AF and Stroke Evaluation in Pacemaker Patients and the AF Reduction Atrial Pacing Trial (with Evaluation of Mechanisms of AF)</td>
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<td>Clinical Evaluation of the Physiological Diagnosis Function in the PARADYM CRT Device</td>
<td>ELA Medical Inc.</td>
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<td>Adaptive CRT (aCRT) Study</td>
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<td>S-ICD System Clinical Investigation</td>
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<td>Golshayan, Ali</td>
<td>A Randomized, Double-Blind, Phase 3 Trial Comparing Ipilimumab vs. Placebo Following Radiotherapy in Subjects with Castration Resistant Prostate Cancer that Have Received Prior Treatment with Docetaxel</td>
<td>Bristol Myers Squibb</td>
<td>11/10/09 - 11/09/14</td>
<td>$84,942</td>
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<td>A Randomized, Phase II Trial of AZD2171, Docetaxel, and Prednisone Compared to Docetaxel and Prednisone in Patients with Metastatic, Hormone Refractory Prostate Cancer(2007-015)</td>
<td>Wayne State Univ.</td>
<td>06/15/10 - 06/30/15</td>
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<td>Gooz, Monika</td>
<td>Crosstalk among Growth Factors, ADAMs and Integrins - Admin Supplement</td>
<td>NIH/NIDDK</td>
<td>12/16/09 - 11/30/10</td>
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<td>Role of ADAM-1/TACE in the Development of Chronic Kidney Disease: Regulation of Its Activity by Binding Partners</td>
<td>Wayne State Univ.</td>
<td>12/01/09 - 11/30/10</td>
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Medical University of South Carolina 59
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<tr>
<th>Principal Investigator</th>
<th>Project Title</th>
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<th>Budget Dates</th>
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<td><strong>Greenberg, Charles</strong></td>
<td>MAGELLaN- Multi-Center, Randomized, Parallel-Group, Efficacy and Safety Study for the Prevention of Venous Thromboembolism in Hospitalized Medically Ill Patients Comparing Rivaroxaban with Enoxaparin</td>
<td>Bayer Pharmaceuticals</td>
<td>09/28/09 - 06/15/10</td>
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<td><strong>Griffin, Emily</strong></td>
<td>ACE: Interdisciplinary Studies of Insistence on Sameness in Autism</td>
<td>Univ. of Chicago</td>
<td>08/01/09 - 07/31/10</td>
<td>$41,958</td>
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<td><strong>Harris, Brett</strong></td>
<td>SC Cobre for Developmentally Based Cardiovascular Diseases: Project 4</td>
<td>NIH/NCRR</td>
<td>08/01/09 - 07/31/10</td>
<td>$126,100</td>
<td>$225,000</td>
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<td><strong>Hawes, Robert</strong></td>
<td>Ablation of Intestinal Metaplasia Containing Dysplasia (AIM Dysplasia Trial) - A Multi-Center, Randomized, Sham-Controlled Trial</td>
<td>BARRX Medical, Inc.</td>
<td>12/28/05 - 07/31/11</td>
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<td><strong>Haycraft, Courtney</strong></td>
<td>Role of Cilia in Mammalian Tooth Patterning</td>
<td>NIH/NIDCR</td>
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<td>$75,000</td>
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<td><strong>Headden, Gary</strong></td>
<td>Finding ACS with Serial Troponin Testing for Rapid Assessment of Cardiac Ischemic Symptoms (FAST-TRAC)</td>
<td>Nanosphere, Inc.</td>
<td>08/20/09 - 08/19/11</td>
<td>$112,900</td>
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**PATHFAS cTNI-II**

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<td>Headden, Gary</td>
<td>Copeptin Helps in the Early Detection of Patients with Acute Myocardial Infarction (CHOPIN)</td>
<td>Brahms AG</td>
<td>01/16/10 - 01/15/11</td>
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<td>Heffernan, Linda</td>
<td>Role of Sphingosine Kinase 1 in the p53-Dependent DNA Damage Response</td>
<td>NIH/NIEHS</td>
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<td>Hermayer, Kathie</td>
<td>Intravenous Insulin Protocol in Diabetes and Renal Transplantation</td>
<td>Amer. Diabetes Assoc.</td>
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<td>Herpel, Laura</td>
<td>Respiratory Phase Training Effects on Swallow Impairment in Oropharyngeal Cancer</td>
<td>NIH/NIDCD</td>
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<td>Highland, Kristin</td>
<td>Mycophenolate vs. Oral Cyclophosphamide in Scleroderma Interstitial Lung Disease (SLS II)</td>
<td>Univ. of California, Los Angeles</td>
<td>09/01/09 - 08/31/10</td>
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<td>Hill, Elizabeth</td>
<td>Statistical Methods for Head and Neck Cancer Proteomics</td>
<td>NIH/NIDCR</td>
<td>09/01/09 - 08/31/10</td>
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Hoel, David

**Principal Investigator**

**Savannah River Site Former Production Workers Medical Surveillance Program**

Sponsor: DOE  
Budget Dates: 04/01/09 - 09/30/10  
Direct: $51,370

**Awards**

- Award: DE-FC01-08HS08035 (09022682)  
  Project Dates: 03/01/08 - 09/30/10  
  F & A: $23,630

Hoffman, Brenda

**Principal Investigator**

**A Phase 3, Randomized, Placebo-Controlled, Blinded, Multi-Center Study of the Induction and Maintenance of Clinical Response and Remission by MLN0002 in Patients with Moderate to Severe Crohn’s Disease**

Sponsor: Quintiles Pacific, Inc.  
Budget Dates: 10/20/08 - 10/31/11  
Direct: $9,240

**Awards**

- Award: C13007 (08101428)  
  Project Dates: 10/20/08 - 10/31/11  
  F & A: $2,310

**A Phase 3, Randomized, Placebo-Controlled, Blinded, Multi-Center Study of the Induction and Maintenance of Clinical Response and Remission with Vedolizumab (MLN0002) in Patients with Moderate to Severe Ulcerative Colitis**

Sponsor: Dr. Falk Pharma GmbH  
Budget Dates: 06/01/10 - 05/31/14  
Direct: $16,100

**Awards**

- Award: SAG-51/DIV (10072080)  
  Project Dates: 06/01/10 - 05/31/14  
  F & A: $3,400

Hoffman, Stanley

**Principal Investigator**

**Curcumin Treatment of Lung Fibrosis: Improved Delivery and Target Cells**

Sponsor: NIH/NCCAM  
Budget Dates: 05/01/10 - 04/30/12  
Direct: $150,000

**Awards**

- Award: 1R21 AT004450-01A2 (09031151)  
  Project Dates: 05/01/10 - 04/30/12  
  F & A: $71,250

**Co-Investigator**

**SC Cobre for Developmentally Based Cardiovascular Diseases: Core D-Molecular Tool Kit**

PI: Roger Markwald  
Sponsor: NIH/NCRR  
Total: $190,808

**Dept:** Regenerative Medicine and Cell Biology

**Award:** 5 P20 RR016434-09 (09051584-1)

**Mentor**

**Anti-Fibrotic and Anti-Inflammatory Roles of Caveolin-1 in Lung Disease**

PI: Elena Tourkina  
Sponsor: NIH/NIAMS  
Total: $108,865

**Dept:** Medicine

**Award:** 5 K01 AR054143-03 (09042844-1)

**SC Cobre for Developmentally Based Cardiovascular Diseases: Core A2-Mentoring**

PI: Roger Markwald  
Sponsor: NIH/NCRR  
Total: $74,359

**Dept:** Regenerative Medicine and Cell Biology

**Award:** 5 P20 RR016434-09 (09051584-8)

Huggins, John

**Principal Investigator**

**ARTEMIS-PH: A Phase 3, Randomized, Double Blind, Placebo Controlled, Multi Center, Parallel-Group Study to Evaluate the Efficacy and Safety of Ambrisentan in Subjects with Idiopathic Pulmonary Fibrosis and Pulmonary Hypertension**

Sponsor: Gilead Sciences, Inc.  
Budget Dates: 11/04/09 - 04/30/12  
Direct: $91,995

**Awards**

- Award: GS-US-300-0128 (10020560)  
  Project Dates: 11/04/09 - 04/30/12  
  F & A: $22,249

**Co-Investigator**

**A Phase 2, Multi-Center, Multinational, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Dose-Ranging Study Evaluating the Efficacy and Safety of CNTO 888 Administered Inravenously in Subjects with Idiopathic Pulmonary Fibrosis**

PI: Steven Sahn  
Sponsor: Centocor, Inc.  
Total: $3,120

**Dept:** Medicine

**Award:** CNTO888PUL2001 (09013004-2)

Hunt, Kelly

**Principal Investigator**

**Familial Aggregation of Longevity and Cardiovascular Disease in the Evans County Heart Study**

Sponsor: Amer. Heart Assoc./Mid-Atlantic  
Budget Dates: 07/01/09 - 06/30/11  
Direct: $60,000

**Awards**

- Award: 0865181E (08011045)  
  Project Dates: 07/01/09 - 06/30/11  
  F & A: $6,000

**Trans-Generational Impact of Maternal Obesity and Diabetes on Health Disparities**

Sponsor: Clemson Univ.  
Budget Dates: 09/25/09 - 04/30/10  
Direct: $111,625

**Awards**

- Award: 1357-209-2007555/R01 MD00 (09041584)  
  Project Dates: 09/25/09 - 04/30/12  
  F & A: $53,022
Hunt, Kelly

**Principal Investigator**

**Type 2 Diabetes Gene Discovery Linked to 3p in Hispanics**
Sponsor: Univ. of Texas Health Science Center/San Antonio

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**Trans-Generational Impact of Maternal Obesity and Diabetes on Health Disparities**
Sponsor: Clemson Univ.

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**Co-Investigator**

**Biomarkers of Vascular Disease Progression in Type 1 Diabetes Mellitus**
Sponsor: NIH/NIDDK

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**Significant Contributor**

**Lipoproteins and Pigment Epithelial Derived Factor (PEDF) in the Vascular Complications of Diabetes**
Sponsor: Oklahoma University Health S

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Jaffa, Ayad

**Principal Investigator**

**Kallikreins and Vascular Disease Risk in Diabetes**
Sponsor: NIH/NHLBI

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**Lipoproteins, CTGF and Diabetic Vascular and Renal Disease**
Sponsor: NIH/NHLBI

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Janelyte, Beatrice

**Principal Investigator**

**A 24-Week, Multi-Center, Randomized, Double-Blind, Age-Stratified, Placebo-Controlled, Phase III Study with a 28-Week Extension Period to Evaluate the Efficacy and Safety of Dapagliflozin 10 mg Once Daily in Patients with Type 2 Diabetes, Cardiovascular Disease and Hypertension, Who Exhibit Inadequate Glycaemic Control on Usual Care**
Sponsor: Astrazeneca

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Medical University of South Carolina 63
Recanalization Therapies and Markers of Stroke Outcome (Sportsias II - STOP-IT Study)
Sponsor: Univ. of Cincinnati
Budget Dates: 05/01/09 - 04/30/10
Direct: $24,557

Jauch, Edward
Principal Investigator

Recanalization Therapies and Markers of Stroke Outcomes
Sponsor: Univ. of Cincinnati
Budget Dates: 05/01/10 - 04/30/11
Direct: $17,845

Co-Investigator
Neurological Emergencies Treatment Trials Network Statistical and Data Management
PI: Yuko Palesch
Dept: Medicine
Award: 5 U01 NS059041-04 (09052764-1)

The Role of Vitamin D in Systemic Lupus Erythematosus
Sponsor: NIH/NIAMS
Budget Dates: 07/01/09 - 06/30/10
Direct: $119,875

Ryan White Title II Funding
Sponsor: SC DHEC
Budget Dates: 04/01/10 - 03/31/11
Direct: $1,515,025

Klein, Richard
Principal Investigator

Interactions of Lipoproteins and Cells in Diabetes Mellitus
Sponsor: VAMC
Budget Dates: 04/01/10 - 03/31/11
Direct: $246,500

Kilby, J.
Principal Investigator

SPORE in Lung Cancer
Sponsor: Univ. of Colorado
Budget Dates: 05/11/09 - 04/30/10
Direct: $49,057

A National Consortium to Explore the Genotypic Basis for ESRD in Lupus - fee for service
Sponsor: Univ. of Alabama, Birmingham
Budget Dates: 11/09/09 - 08/31/10
Direct: $7,936

Environmental Determinants of Autoimmunity among African Americans in Coastal SC
Sponsor: NIH/NEIHS
Budget Dates: 09/17/09 - 06/30/10
Direct: $231,805

Mechanisms of B Cell Responses in Autoimmune Disease: Effective Vitamin D3 in the IFN Signature in Patients with Systemic Lupus Erythematosus
Sponsor: Duke Univ.
Budget Dates: 09/01/09 - 04/30/10
Direct: $71,154

Environmental Determinants of Autoimmunity among African Americans in Coastal SC - Diversity Supplement
Sponsor: NIH/NEIHS
Budget Dates: 09/17/09 - 06/30/10
Direct: $20,890

Kamen, Diane
Principal Investigator

Predicting Systemic Autoimmunity Through Follow-Up of Blood Relatives
Sponsor: Oklahoma Medical Research Fdn.
Budget Dates: 09/29/09 - 08/31/10
Direct: $53,818

The Role of Vitamin D in Systemic Lupus Erythematosus
Sponsor: NIH/NIAMS
Budget Dates: 07/01/09 - 06/30/10
Direct: $119,875

Environmental Determinants of Autoimmunity among African Americans in Coastal SC
Sponsor: NIH/NEIHS
Budget Dates: 09/17/09 - 06/30/10
Direct: $231,805

Judson, Marc
Principal Investigator

A Phase 2, Multi-Center, Randomized, Double-Blind, Parallel-Group, Placebo-Controlled Study Evaluating the Safety and Efficacy of Treatment with Ustekinumab or Golimumab in Subjects with Chronic Sarcoidosis
Sponsor: Centocor, Inc.
Budget Dates: 07/16/09 - 11/21/11
Direct: $207,315

Environmental Determinants of Autoimmunity among African Americans in Coastal SC
Sponsor: NIH/NEIHS
Budget Dates: 09/17/09 - 06/30/10
Direct: $231,805

A National Consortium to Explore the Genotypic Basis for ESRD in Lupus
Sponsor: Univ. of Alabama, Birmingham
Budget Dates: 11/09/09 - 08/31/10
Direct: $7,936

Klein, Richard
Principal Investigator

Interactions of Lipoproteins and Cells in Diabetes Mellitus
Sponsor: VAMC
Budget Dates: 04/01/10 - 03/31/11
Direct: $246,500

Ryan White Title II Funding
Sponsor: SC DHEC
Budget Dates: 04/01/10 - 03/31/11
Direct: $1,515,025

Kilby, J.
Principal Investigator

SPORE in Lung Cancer
Sponsor: Univ. of Colorado
Budget Dates: 05/11/09 - 04/30/10
Direct: $49,057

A National Consortium to Explore the Genotypic Basis for ESRD in Lupus - fee for service
Sponsor: Univ. of Alabama, Birmingham
Budget Dates: 11/09/09 - 08/31/10
Direct: $7,936

Klein, Richard
Principal Investigator

Interactions of Lipoproteins and Cells in Diabetes Mellitus
Sponsor: VAMC
Budget Dates: 04/01/10 - 03/31/11
Direct: $246,500

Judson, Marc
Principal Investigator

A Phase 2, Multi-Center, Randomized, Double-Blind, Parallel-Group, Placebo-Controlled Study Evaluating the Safety and Efficacy of Treatment with Ustekinumab or Golimumab in Subjects with Chronic Sarcoidosis
Sponsor: Centocor, Inc.
Budget Dates: 07/16/09 - 11/21/11
Direct: $207,315

Environmental Determinants of Autoimmunity among African Americans in Coastal SC
Sponsor: NIH/NEIHS
Budget Dates: 09/17/09 - 06/30/10
Direct: $231,805

Environmental Determinants of Autoimmunity among African Americans in Coastal SC
Sponsor: NIH/NEIHS
Budget Dates: 09/17/09 - 06/30/10
Direct: $231,805

A National Consortium to Explore the Genotypic Basis for ESRD in Lupus
Sponsor: Univ. of Alabama, Birmingham
Budget Dates: 11/09/09 - 08/31/10
Direct: $7,936

Klein, Richard
Principal Investigator

Interactions of Lipoproteins and Cells in Diabetes Mellitus
Sponsor: VAMC
Budget Dates: 04/01/10 - 03/31/11
Direct: $246,500

Ryan White Title II Funding
Sponsor: SC DHEC
Budget Dates: 04/01/10 - 03/31/11
Direct: $1,515,025

Klein, Richard
Principal Investigator

Interactions of Lipoproteins and Cells in Diabetes Mellitus
Sponsor: VAMC
Budget Dates: 04/01/10 - 03/31/11
Direct: $246,500

Ryan White Title II Funding
Sponsor: SC DHEC
Budget Dates: 04/01/10 - 03/31/11
Direct: $1,515,025

Klein, Richard
Principal Investigator

Interactions of Lipoproteins and Cells in Diabetes Mellitus
Sponsor: VAMC
Budget Dates: 04/01/10 - 03/31/11
Direct: $246,500

Ryan White Title II Funding
Sponsor: SC DHEC
Budget Dates: 04/01/10 - 03/31/11
Direct: $1,515,025
Klein, Richard

**Principal Investigator**

**Lipoproteins and Pigment Epithelial Derived Factor (PEDF) in the Vascular Complications of Diabetes**

Sponsor: Oklahoma University Health Sc. Center  
Budget Dates: 07/01/09 - 06/30/10  
Direct: $16,426

Award: RS20090737-03 (09080513)  
Project Dates: 07/01/09 - 06/30/11  
F & A: $7,803

**Co-Investigator**

**Biomarkers of Vascular Disease Progression in Type 1 Diabetes Mellitus - Competitive Revision**

PI: Maria Lopes-Virella  
Sponsor: NIH/NIDDK  
Total: $309,610

Dept: Medicine  
Award: 5 R01 DK081352-02 (09061061-1)

**Biomarkers of Vascular Disease Progression in Type 1 Diabetes Mellitus**

PI: Maria Lopes-Virella  
Sponsor: NIH/NIDDK  
Total: $309,199

Dept: Medicine  
Award: 3 R01 DK081352-02S1 (09041454-1)

Knapp, Rebecca

**Principal Investigator**

**3/8 Prolonging Remission in Depressed Elderly (PRIDE)**

Sponsor: NIH/NIMH  
Budget Dates: 07/27/09 - 03/31/10  
Direct: $224,865

Award: 1 U01 MH081362-01A2 (08070242)  
Project Dates: 07/27/09 - 03/31/14  
F & A: $106,811

**3/8 - Prolonging Remission in Depressed Elderly (PRIDE)**

Sponsor: NIH/NIMH  
Budget Dates: 04/01/10 - 03/31/11  
Direct: $245,954

Award: 5 U01 MH081362-02 (10012557)  
Project Dates: 07/27/09 - 03/31/14  
F & A: $116,829

**Co-Investigator**

**Innovative Service Delivery for Secondary Prevention of PTSD in at-Risk OIF-OEF Service Men and Women**

PI: Thomas Uhde  
Sponsor: Charleston Research Institute  
Total: $82,395

Dept: Psychiatry and Behavioral Sciences  
Award: W81XWH-08-2-0047 (08052722-3)

**Evaluation of Novel PTSD Risk Assessment Tools for Disaster-Exposed Youth**

PI: Carla Danielson  
Sponsor: NIH/NIMH  
Total: $181,215

Dept: Psychiatry and Behavioral Sciences  
Award: 1 R21 MH086313-01 (08082534-1)

**Trans-Generational Impact of Maternal Obesity and Diabetes on Health Disparities**

PI: Kelly Hunt  
Sponsor: Clemson Univ.  
Total: $111,625

Dept: Medicine  
Award: 1357-209-2007555/R01 MD00 (09041584-1)

Kneuper-Hall, Rayna

**Principal Investigator**

**A Phase III, Clinical, Trial Comparing the Combination of TC Plus Bevacizumab to TC Alone and to TAC for Women with Node-Positive or High-Risk Node-Negative, HER2-Negative Breast Cancer**

Sponsor: NSABP  
Budget Dates: 10/01/09 - 09/30/14  
Direct: $67,273

Award: NSABP-B-35 (05050275)  
Project Dates: 10/01/09 - 09/30/14  
F & A: $6,727

Komlosi, Peter

**Co-Investigator**

**The Role of Ion Channels in Cystic Diseases**

PI: David Ploth  
Sponsor: Dialysis Clinics, Inc.  
Total: $210,000

Dept: Medicine  
Award: C-2618A (06091284-3)

Korte, Jeffrey

**Co-Investigator**

**Trans-Generational Impact of Maternal Obesity and Diabetes on Health Disparities**

PI: Kelly Hunt  
Sponsor: Clemson Univ.  
Total: $111,625

Dept: Medicine  
Award: 1357-209-2007555/R01 MD00 (09041584-1)

South Carolina Consortium of the Clinical Trials Network

PI: Kathleen Brady  
Sponsor: NIH/NIDA  
Total: $895,473

Dept: Psychiatry and Behavioral Sciences  
Award: 5 U10 DA013727-10 (09070197-1)

South Carolina Consortium of the Clinical Trials Network

PI: Kathleen Brady  
Sponsor: NIH/NIDA  
Total: $67,791

Dept: Psychiatry and Behavioral Sciences  
Award: 3 U10 DA013727-10S1 (09070983-1)

**Trans-Generational Impact of Maternal Obesity and Diabetes on Health Disparities**

PI: Kelly Hunt  
Sponsor: Clemson Univ.  
Total: $116,081

Dept: Medicine  
Award: 1357-209-2007555/R01 MD00 (10042132-1)

Kraft, Andrew

**Principal Investigator**

**A Multi-Center, Open-Label, Single-Arm Study of YONDELIS (Trabectedin) for Subjects with Locally Advanced or Metastatic Soft Tissue Sarcoma Who Have Relapsed or are Refractory to Standard of Care Treatment**

Sponsor: Quintiles Pacific, Inc.  
Budget Dates: 07/19/05 - 04/19/11  
Direct: $7,560
Kraft, Andrew

**Principal Investigator**

* Award: ET743-SAR-3002 (05062714)  Project Dates: 07/19/05 - 04/19/11  F & A: 1,890

**MUSC Cancer Center Support Grant: Cancer Clinical Investigator Team Leadership Award**

* Sponsor: NIH/NCI  Award: 1 P30 CA138313-01 (08042282)  Project Dates: 04/01/09 - 03/31/14  F & A: 125,016

**The Mechanism of Action of Unique Small Molecules That Inhibit the Pim Protein Kinase Blocking Prostate Cancer Cell Growth**

* Sponsor: DOD  Award: W81XWH-09-1-0300 (08060478)  Project Dates: 05/01/09 - 05/31/12  F & A: 59,375

**Novel Inhibitors of Pim Protein Kinases**

* Sponsor: Vortex Biotechnology Corp.  Award: 1 R41 CA135804-01A2 (09040380)  Project Dates: 09/07/09 - 05/31/11  F & A: 40,638

**Cancer Center Support Grant**

* Sponsor: NIH/NCI  Award: 3 P30 CA138313-01S3 (09051456)  Project Dates: 04/01/09 - 08/31/11  F & A: 907,585

**COEE for Translational Cancer Therapeutics: Abney Foundation Research**

* Sponsor: MUSC Fdn.  Award: (09060310)  Project Dates: 07/19/08 - 06/30/11  F & A: 54,166

**Novel Therapeutic Approaches Toward Treating Prostate Cancer**

* Sponsor: DOD  Award: W81XWH-10-1-0249 (09070751)  Project Dates: 04/15/10 - 04/14/12  F & A: 114,441

**Hollings Cancer Center: 2010 Avon Foundation Safety Net Program**

* Sponsor: Avon Fdn.  Award: 05-2009-076 (09071393)  Project Dates: 01/01/10 - 12/31/10  F & A: 113,636

**CCSG Supplement: caBIG Technology Assessment and Implementation Planning**

* Sponsor: NIH/NCI  Award: 3 P30 CA138313-01S2 (09082063)  Project Dates: 04/01/09 - 03/31/14  F & A: 30,780

**COEE for Tobacco Related Malignancy: Abney Scholars 2009**

* Sponsor: SC Research Centers of Economic Excellence  Award: (09120123)  Project Dates: 12/01/09 - 06/30/11  F & A: 17,123

**A Phase 1/2 Study of Doxorubicin and A12 in Advanced Soft Tissue Sarcoma**

* Sponsor: HHSN261200622001C (10011283)  Award: (01/01/08 - 09/01/10)  F & A: 7,877

**MUSC CCSG: Re-Engineering of Protocol Implementation and Development (RaPID)**

* Sponsor: NIH/NCI  Award: 3 P30 CA139313-02S1 (10012023)  Project Dates: 04/01/09 - 03/31/14  F & A: 59,800

**MUSC Cancer Center Support Grant**

* Sponsor: NIH/NCI  Award: 5 P30 CA138313-02 (10012770)  Project Dates: 04/01/09 - 03/31/14  F & A: 1,109,185

**COEE for Cancer Stem Cell Biology and Therapy**

* Sponsor: SC Research Centers of Economic Excellence  Award: (10061425)  Project Dates: 07/01/09 - 06/30/11  F & A: 2,193,642

**AFFIRM: A Multinational Phase 3, Randomized, Double-Blind, Placebo-Controlled Efficacy and Safety Study of Oral MDV3100 in Patients with Progressive Castration-Resistant Prostate Cancer Previously Treated with Docetaxel-Based Chemotherapy**

* Sponsor: Medivation, Inc.  Award: CRPC2 (10062537)  Project Dates: 06/02/10 - 06/30/15  F & A: 17,873

Kramer, Rita

**Principal Investigator**

**Study Evaluating Neratinib Plus Paclitaxel vs Trastuzumab Plus Paclitaxel in ErbB-2 Positive Advanced Breast Cancer (NEFERTT)**


**Study Evaluating the Effects of Neratinib in Women with Early Stage Breast Cancer (ExteNET)**

Kramer, Rita

Principal Investigator

A Randomized, Double-Blind, Placebo-Controlled Study of Everolimus in Combination with Exemestane in the Treatment of Postmenopausal Women with Estrogen Receptor Positive Locally Advanced or Metastatic Breast Cancer Who are Refractory to Letrozole or Anastrozole

Sponsor: Novartis Corp.

Budget Dates: 04/10/09 - 08/31/14

Direct: $161,606

Award: RAD001Y2301 (09121591)

Project Dates: 04/10/09 - 08/31/14

F & A: $39,276

Kuppachi, Sarat

Co-Investigator

A Phase III, Clinical, Trial Comparing the Combination of TC Plus Bevacizumab to TC Alone and to TAC for Women with Node-Positive or High-Risk Node-Negative, HER2-Negative Breast Cancer

PI: Rayna Kneuper-Hall

Sponsor: NSABP

Total: $67,273

Dept: Medicine

Award: NSABP-B-35 (00050275-3)

Co-Investigator

MAP4 Regulation of Cardiac Microtubule Network Density

PI: George Cooper, IV

Sponsor: NIH/NHLBI

Total: $250,000

Dept: Medicine

Award: 1 R01 HL094545-01A2 (09062977-2)

Kuppuswamy, Dhandapa

Principal Investigator

mTOR in Growth and Protection of Hypertrophying Myocardium

Sponsor: NIH/NHLBI

Budget Dates: 12/01/09 - 11/30/10

Direct: $250,000

Award: 5 R01 HL092124-02 (09102349)

Project Dates: 12/19/08 - 11/30/12

F & A: $118,750

Co-Investigator

Methods to Detect Maternal Exposures and Child Outcomes

Sponsor: Univ. of South Carolina

Budget Dates: 07/01/09 - 04/30/10

Direct: $125,000

Award: 5 R21 HL088654-02 (09030296)

Project Dates: 07/01/09 - 04/30/12

F & A: $56,758

Lawson, Andrew

Principal Investigator

Improving Safety and Access for Physical Activity

Sponsor: Univ. of South Carolina

Budget Dates: 07/01/09 - 04/30/10

Direct: $43,749

Award: 10-1716/1 R01 DK076715-01 (0810321)

Project Dates: 07/01/09 - 04/30/11

F & A: $20,781

Development and Evaluation of Spatial Survival Models

Sponsor: Univ. of South Carolina

Budget Dates: 07/01/09 - 04/30/10

Direct: $10,497

Award: 10-1710/1 R03 CA139538 (09030518)

Project Dates: 07/01/09 - 04/30/11

F & A: $4,986

Leman, Robert

Principal Investigator

Natural Evolution of AV Conduction Disorders in Patients Implanted with Cardiac Pacemakers

Sponsor: ELA Medical Inc.

Budget Dates: 06/01/10 - 05/31/11

Direct: $11,064

Award: 09-1566/R21 CA132133-03 (10062206)

Project Dates: 08/16/08 - 05/31/11

F & A: $5,255

Environmental Determinants of Autoimmunity among African Americans in Coastal SC

PI: Diane Kamen

Sponsor: NIH/NIEHS

Total: $231,805

Dept: Medicine

Award: 1 R21 ES017934-01 (09032731-1)
Leman, Robert  
**Principal Investigator**  
A Placebo-Controlled, Double-Blind, Randomized, Multi-Center Study to Assess the Effects of Dronedarone 400 mg BID for 12 Weeks on Atrial Fibrillation Burden in Subjects with Permanent Pacemakers  
Sponsor: Sanofi-Aventis US, Inc.  
**Budget Dates:** 05/14/10 - 12/01/11  
**Direct:** $56,360  
**F & A:** $13,340  

Litvin, Cara  
**Co-Investigator**  
Reducing Inappropriate Prescribing of Antibiotics by Primary Care Clinicians  
Pl: Arch Mainous  
**Sponsor:** AHRQ  
**Total:** $154,290  

Lopes-Virella, Maria  
**Principal Investigator**  
Lipoprotein Metabolism and Cell Lipoprotein in Diabetes Mellitus: PO 534-D87142  
Sponsor: VAMC  
**Budget Dates:** 10/01/09 - 08/30/10  
**Direct:** $125,000  

DNA Banking for a Combination Angiotensin Receptor Blocker and Angiotensin Converting Enzyme Inhibitor for Treatment of Diabetic Nephropathy  
Sponsor: VA CSP #565  
**Budget Dates:** 07/15/09 - 06/30/10  
**Direct:** $80,000  

Biomarkers of Vascular Disease Progression in Type 1 Diabetes Mellitus  
Sponsor: Oklahoma University Health Sc. Center  
**Budget Dates:** 09/07/09 - 09/06/11  
**Direct:** $50,620  

Biomarkers of Vascular Disease Progression in Type 1 Diabetes Mellitus  
Sponsor: NIH/NIDDK  
**Budget Dates:** 08/01/09 - 07/31/10  
**Direct:** $309,199  

Co-Investigator  
Lipoproteins, CTGF and Diabetic Vascular and Renal Disease  
Pl: Ayad Jaffa  
**Sponsor:** NIH/NHLBI  
**Total:** $242,750  

Luttrell, Deirdre  
**Co-Investigator**  
Lipoproteins, CTGF and Diabetic Vascular and Renal Disease  
Pl: Ayad Jaffa  
**Sponsor:** NIH/NHLBI  
**Total:** $242,750  

Luttrell, Louis  
**Principal Investigator**  
Continuing Medical Education Program, the Coming of the Age of Medical Miracles: from Osler to Insulin  
Sponsor: Multiple Sponsors  
**Budget Dates:** 04/01/09 - 06/30/10  
**Direct:** $14,720  

Fluorometric Imaging Plate Reader (FLIPRtetra)  
Sponsor: NIH/NCRR  
**Budget Dates:** 03/04/10 - 03/03/11  
**Direct:** $499,800  

Tyrosine Kinases in G Protein Mediated Signaling - Administrative Supplement  
Sponsor: NIH/NIDDK  
**Budget Dates:** 01/15/10 - 12/30/10  
**Direct:** $121,372  

Tyrosine Kinases in G Protein Mediated Signaling  
Sponsor: NIH/NIDDK  
**Budget Dates:** 06/01/10 - 05/31/11  
**Direct:** $237,600  

Co-Investigator  
Training Program for Medical Scientists  
Pl: Perry Halushka  
**Sponsor:** NIH/NIGMS  
**Total:** $224,651  


Luttrell, Louis

Co-Investigator
Kallikreins and Vascular Disease Risk in Diabetes
Pl: Ayad Jaffa Sponsor: NIH/NHLBI Total: $ 254,608
Dept: Medicine Award: 5 R01 HL087986-02 (09052648-1)

Lipoproteins, CTGF and Diabetic Vascular and Renal Disease
Pl: Ayad Jaffa Sponsor: NIH/NHLBI Total: $ 242,750
Dept: Medicine Award: 5 R01 HL077192-05 (09121699-1)

Magauran, Claire

Principal Investigator
A Phase 3, Open-Label, Randomized Study of the Antiviral Activity, Safety, and Tolerability of Intravenous Peramivir in Adult and Adolescent Hospitalized Subjects with Confirmed or Suspected Influenza Infection
Sponsor: BioCryst Pharmaceuticals, Inc. Budget Dates: 01/07/10 - 12/31/10 Direct: $ 150,418
Award: BCX1812-303 (10010764) Project Dates: 01/07/10 - 12/31/10 F & A: 36,979

Mao, Cungui

Co-Investigator
Sphingosine Phosphate Role In Inflammation
Pl: Lina Obeid Sponsor: NIH/NIGMS Total: $ 80,244
Dept: Medicine Award: 3 R01 GM062887-08S1 (09050485-1)

Martin, Renee

Principal Investigator
The Significance of Intracranial Hemorrhage after Revascularization Therapy
Sponsor: Univ. of Cincinnati Budget Dates: 02/01/10 - 01/31/11 Direct: $ 9,628
Award: COEU006493/K23 NS059843-10030302 Project Dates: 02/01/10 - 01/31/12 F & A: 770

Treatment of Subarachnoid Hemorrhage with Human Albumin
Sponsor: Baylor Univ. Budget Dates: 02/01/10 - 01/31/11 Direct: $ 16,470
Award: 100767290/R01NS049135 (10033030) Project Dates: 02/01/08 - 01/31/11 F & A: 7,576

Co-Investigator
Statistical and Data Coordinating Center for the ATACH - 2
Pl: Yuko Palesch Sponsor: NIH/NINDS Total: $ 222,930
Dept: Medicine Award: 1 U01 NS061861-01A1 (09030414-1)

Neurological Emergencies Treatment Trials Network Statistical and Data Management
Pl: Yuko Palesch Sponsor: NIH/NINDS Total: $ 467,296
Dept: Medicine Award: 5 U01 NS059041-04 (09052764-1)

McDermott, Paul

Principal Investigator
Contractile Regulation of Cardiocyte Protein Synthesis
Sponsor: VAMC Budget Dates: 10/01/09 - 09/30/10 Direct: $ 238,500
Award: (07063039) Project Dates: 10/01/06 - 09/30/10 F & A: 0

Co-Investigator
Post-Synthetic Procollagen Processing in Load-Induced Left Ventricular Remodeling
Pl: Amy Bradshaw Sponsor: NIH/NHLBI Total: $ 250,000
Dept: Medicine Award: 1 R01 HL094517-01A1 (08102901-1)

Menick, Donald

Principal Investigator
Training to Improve Cardiovascular Therapies
Sponsor: NIH/NHLBI Budget Dates: 07/01/09 - 06/30/10 Direct: $ 489,254
Award: 5 T32 HL007260-33 (08121935) Project Dates: 07/01/07 - 06/30/12 F & A: 35,270

Regulatory Role of HDACs in Post-MI MMP Induction
Sponsor: Amer. Heart Assoc./Mid-Atlantic Budget Dates: 07/01/09 - 06/30/10 Direct: $ 70,000
Award: 09GRNT2020202 (09013002) Project Dates: 07/01/09 - 06/30/11 F & A: 7,000

Role of Protein Acetylation in Ncx1 Expression
Sponsor: NIH/NHLBI Budget Dates: 04/01/10 - 03/31/11 Direct: $ 250,000
Award: 5 R01 HL095696-02 (10020866) Project Dates: 04/20/09 - 03/31/13 F & A: 118,750

Research Education Program for Minority Medical Students
Sponsor: NIH/NHLBI Budget Dates: 04/01/10 - 03/31/11 Direct: $ 99,443
Award: 5 R25 HL096316-02 (10021074) Project Dates: 04/01/09 - 03/31/14 F & A: 7,955
### Menick, Donald

**Co-Investigator**

**MAP4 Regulation of Cardiac Microtubule Network Density**

PI: George Cooper, IV  
Sponsor: NIH/NHLBI  
Total: $250,000  
Dept: Medicine  
Award: 1 R01 HL094545-01A2 (09062977-1)

**SC Cobre for Developmentally Based Cardiovascular Diseases: Core A2-Mentoring**

PI: Roger Markwald  
Sponsor: NIH/NCRR  
Total: $74,359  
Dept: Regenerative Medicine and Cell Biology  
Award: 5 P20 RR016434-09 (09051584-8)

### Mitchell, Holly

**Principal Investigator**

**A Randomized, Double-Blind, Placebo-Controlled, Single, Dose-Escalation and Multiple Dose Extension Trial of NNC 0152-0000-0001 Administered i.v. or s.c. in Subjects with SLE**

Sponsor: Novo Nordisk Pharmaceuticals  
Budget Dates: 05/13/09 - 03/31/12  
Direct: $27,229  
Dept: Nursing  
Award: NN8360-3559 (09043066)

### Mohr, Jr., Lawrence

**Principal Investigator**

**Employee Health Surveillance Reporting System (EHSRS)**

Sponsor: SCUREF  
Budget Dates: 03/10/10 - 05/10/10  
Direct: $153,945  
Dept: Medicine  
Award: WEST171/TOA#KR69632-0 (10033135)

### Moran, William

**Principal Investigator**

**Aging Q3 - Quality Education, Quality Care, Quality of Life**

Sponsor: Donald W. Reynolds Fdn.  
Budget Dates: 01/01/10 - 12/31/10  
Direct: $424,467  
Dept: Medicine  
Award: (09121816)

### Morinelli, Thomas

**Co-PI or Project Leader**

**Nuclear Trafficking of the Angiotensin II Type 1a Receptor**

PI: Michael Ullian  
Sponsor: Dialysis Clinics, Inc.  
Total: $230,026  
Dept: Medicine  
Award: C-2342 (Charleston-Magnol (04111684-3)

### Morris, Pamela

**Co-Investigator**

**A Multi-Center, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Safety and Efficacy of SCH 530348 in Addition to Standard Care in Subjects with a History of Atherosclerotic Disease: Thrombin Receptor Antagonist in Secondary Prevention of Atherothrombotic Ischemic Events (TRA 2)-TIMI 50**

PI: James Thomas  
Sponsor: Schering-Plough Research Inc  
Total: $60,000  
Dept: Medicine  
Award: P04737/P05183 (07112882-3)

**A Phase III, Double-Blind, Randomized, Placebo-Controlled Study to Evaluate the Effects of RO4607381 on Cardiovascular (CV) Risk in Stable CHD Patients with a Documented Recent Acute Coronary Syndrome (ACS)**

PI: James Thomas  
Sponsor: Hoffman-Laroche, Inc.  
Total: $8,992  
Dept: Medicine  
Award: NC20971 (08020169-3)

**Preventing Heart Disease in Women of South Carolina**

PI: Marian Taylor  
Sponsor: Health Sciences SC  
Total: $105,300  
Dept: Medicine  
Award: 6075-SP (08102267-2)
Mullen, Thomas  
**Principal Investigator**  
**Ceramide Synthases CERS5 and CERS6 Regulate Pathways of Programmed Cell Death**  
Sponsor: NIH/NIEHS  
Award: 5 F30 ES016975-02 (09042843)  
Budget Dates: 07/15/09 - 07/14/10  
Direct: $36,386  
Project Dates: 07/15/08 - 07/14/12  
F & A: 0  

Nasarre, Patrick  
**Co-Investigator**  
Univ TX SPORE in Lung Cancer: EMT in Bronchial Dysplasia and its Inhibition by Iloprost  
PI: Harry Drabkin  
Dept: Medicine  
Award: 5 F30 ES016975-02 (09042843)  
Budget Dates: 07/15/09 - 07/14/10  
Direct: $49,491  
Project Dates: 07/15/08 - 07/14/12  
F & A: 0  

Nicholas, Joyce  
**Co-PI or Project Leader**  
SC Autism and Developmental Disabilities Monitoring Project  
PI: Jane Charles  
Dept: Pediatrics  
Award: 1 UR3 DD000682-01 (10021942-1)  
Budget Dates: 10/06/06 - 05/31/12  
Direct: $323,193  
Project Dates: 10/06/06 - 05/31/12  
F & A: 0  

Nielsen, Christopher  
**Principal Investigator**  
A Clinical Evaluation of the XIENCE V Everolimus Eluting Coronary Stent System in the Treatment of Subjects with De Novo Native Coronary Artery Lesions  
Sponsor: Advanced Cardiovascular Systems  
Award: SPI TR IV - Protocol 05-3 (06101021)  
Budget Dates: 10/20/06 - 05/31/12  
Direct: $9,000  
Project Dates: 10/20/06 - 05/31/12  
F & A: 2,250  

Nietert, Paul  
**Co-Investigator**  
Reducing Inappropriate Prescribing of Antibiotics by Primary Care Clinicians  
PI: Arch Mainous  
Dept: Family Medicine  
Award: HHSA290200710015 TA#3 (09051460-1)  
Budget Dates: 10/06/09 - 12/31/15  
Direct: $320,900  
Project Dates: 10/06/09 - 12/31/15  
F & A: 79,100
Nietert, Paul  
**Significant Contributor**  
Antibodies to Immunoglobulin Allotypes and the Development of Resistance to Trastuzumab Therapy in Breast Cancer  
Pl: Janardan Pandey  
Sponsor: DOD  
Dept: Division of Basic Sciences  
Award: W81XWH-09-0329 (08111280-1)  
Total: $ 75,000

Other  
The Role of Vitamin D in Systemic Lupus Erythematosus  
Pl: Diane Kamen  
Sponsor: NIH/NIAMS  
Dept: Medicine  
Award: 5 K23 AR052364-03 (09051242-1)  
Total: $ 119,875

Novgorodov, Sergei  
**Co-Investigator**  
Mitochondrial Ceramide in Chemotherapy-Induced Apoptosis  
Pl: Lina Obeid  
Sponsor: NIH/NIA  
Dept: Medicine  
Award: 5 R01 AG016583-12 (09062551-1)  
Total: $ 185,843

Sphingolipids in Cancer Biology and Therapy (Project 3)  
Pl: Yusuf Hannun  
Sponsor: NIH/NCI  
Dept: Division of Basic Sciences  
Award: 5 P01 CA097132-07 (09063083-7)  
Total: $ 157,527

Nowling, Tamara  
**Principal Investigator**  
The Role of Fli1 in T Cell Function and the Pathogenesis of Lupus  
Pl: Diane Kamen  
Sponsor: ACR Research and Education  
Dept: Medicine  
Award: (10061009-1)  
Total: $ 1,000

O'Brien, Paul  
**Principal Investigator**  
A Multi-Center Treatment Protocol for Compassionate Use of Ipilimumab (BMS-734016) Monotherapy in Subjects with Unresectable Stage III or Stage IV Melanoma  
Pl: M. Young  
Sponsor: Bristol Myers Squibb  
Dept: Otolaryngology  
Award: CA184-045 (08021346)  
Total: $ 75,467

Targeting mTOR as a Novel Mechanism-Based Therapy for Head and Neck Cancer  
Pl: Otolaryngology  
Sponsor: NIH/NIH  
Dept: Surgery  
Award: 2 R44 CA126461-02A1 (09072979-1)  
Total: $ 441,185

O'Brien, Terrence  
**Principal Investigator**  
Conduction System Remodeling after Myocardial Infarction  
Pl: Michael Zile  
Sponsor: Univ. of Vermont  
Dept: Medicine  
Award: 21469/R01 HL089944-02 (09101420-1)  
Total: $ 161,266

Oates, James  
**Principal Investigator**  
The Role of Sphingosine Kinase in Systemic Lupus Erythematosus  
Pl: Alliance for Lupus Research  
Sponsor: Novo Nordisk Pharmaceuticals  
Dept: Medicine  
Award: NN8209-3608 (09092598)  
Total: $ 130,304

A Multiple-Dose, Randomized, Double-Blind, Placebo-Controlled, Multiple-Site Study of Anti-C5a Receptor Antibody (NCC 0151-0000-0000) in Subjects with Systemic Lupus Erythematosus  
Pl: Otolaryngology  
Sponsor: NIH/NCI  
Dept: Medicine  
Award: 21469/R01 HL089944-02 (09101420-1)  
Total: $ 31,701
Oates, James

**Principal Investigator**

A Randomized, Double-Blind, Parallel-Group, Placebo-Controlled Study to Evaluate the Efficacy and Safety of a 200-mcg Dose of CEP-33457 in Patients with Systemic Lupus Erythematosus

**Sponsor:** Cephalon, Inc.  
**Budget Dates:** 05/06/10 - 12/31/11  
**Direct:** $72,868

**Award:** C33457/2047 (10051851)  
**Project Dates:** 05/06/10 - 12/31/11  
**F & A:** $17,029

**Unique Biomarkers of Lupus Nephritis Pathology and Response to Therapy**

**Sponsor:** VAMC  
**Budget Dates:** 04/01/10 - 03/30/11  
**Direct:** $150,000

**Award:** C33457/2047 (10051851)  
**Project Dates:** 04/01/10 - 03/30/14  
**F & A:** $0

**Hopkins Lupus Cohort**

**Pl:** John Arthur  
**Dept:** Medicine  
**Sponsor:** Johns Hopkins Univ.  
**Total:** $28,256

**Role of Reactive Intermediates in Lupus Nephritis**

**Pl:** Gary Gilkeson  
**Dept:** Medicine  
**Sponsor:** NIH/NIAMS  
**Total:** $241,731

**Co-Investigator**

Sphingolipids in Cancer Biology and Therapy (Project 3)

**Pl:** Yusuf Hannun  
**Dept:** Division of Basic Sciences  
**Sponsor:** NIH/NCI  
**Total:** $157,527

**MUSC Cancer Center Support Grant: Program 1: Lipid Signaling**

**Pl:** Andrew Kraft  
**Dept:** Medicine  
**Sponsor:** NIH/NCI  
**Total:** $21,944

**Co-Investigator**

Training Program for Medical Scientists

**Pl:** Perry Halushka  
**Dept:** Graduate Studies  
**Sponsor:** NIH/NIGMS  
**Total:** $224,651

**The Role of Sphingosine Kinase 1 in Systemic Lupus Erythematosus**

**Pl:** James Oates  
**Dept:** Medicine  
**Sponsor:** Alliance for Lupus Research  
**Total:** $122,777

**Mentor**

**The Role of Sphingosine Kinase 1 in a Mouse Model of Chronic Inflammation**

**Pl:** Deanna Baker  
**Dept:** Medicine  
**Sponsor:** NIH/NIA  
**Total:** $36,874

**The Role of Sphingolipids in Inflammatory Bowel Disease**

**Pl:** Ashley Snider  
**Dept:** Medicine  
**Sponsor:** NIH/NIDDK  
**Total:** $50,054

**Ceramide Synthases CERS5 and CERS6 Regulate Pathways of Programmed Cell Death**

**Pl:** Thomas Mullen  
**Dept:** Medicine  
**Sponsor:** NIH/NIEHS  
**Total:** $36,386

**The Role of Sphingosine Kinase 1 in Ras-Initiated Lung Carcinogenesis**

**Pl:** Christopher Gault  
**Dept:** Medicine  
**Sponsor:** NIH/NHLBI  
**Total:** $37,387

Onicescu, Georgiana

**Co-Investigator**

Age-Specific and Age-Standardized Breast Cancer Subtype Incidence and Disparities

**Pl:** Joan Cunningham  
**Dept:** Medicine  
**Sponsor:** NIH/NCI  
**Total:** $50,000
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<th>Name</th>
<th>Role</th>
<th>Title</th>
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<td>Onicescu, Georgiana</td>
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<td>Maximizing Memory T Cell Responses by Matured Post Chemotherapy Dendritic Cells</td>
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<td>Palesch, Yuko</td>
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<td>PROTECT III: Progesterone for Traumatic Brain Injury: Experimental Clinical Treatment</td>
<td>NIH/NCI</td>
<td>173,505</td>
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<td>South Carolina Clinical and Translational Research Institute (SCTR) (UL1)</td>
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<td>An Animal Model for Kaposi's Sarcoma</td>
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<td>Lipid Metabolism and KSHV-Associated Lymphoma Pathogenesis</td>
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<td>Craniofacial Biology</td>
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<td>Regulation of the Tumor Microenvironment by KSHV</td>
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<td>Craniofacial Biology</td>
<td>5 P20 RR017696-09 (10012138-5)</td>
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Pastis, Nicholas

**Linezolid in the Treatment of Subjects with Nosocomial Pneumonia Proven to Be Due to Meticillin-Resistant Staphylococcus Aureus**

**Principal Investigator**
Pastis, Nicholas

**Sponsor:** Pfizer, Inc.

**Budget Dates:** 08/20/09 - 07/31/12

**Direct:** $ 208,896

**Award:** A5951001 (09070745)

**Project Dates:** 08/20/09 - 07/31/12

**F & A:** $ 50,974

**Co-PI or Project Leader**

**Airway Epithelium Gene Expression in the Diagnosis of Lung Cancer**

**PI:** Gerard Silvestri

**Sponsor:** Allegro Diagnostics, Inc.

**Total:** $158,600

**Dept:** Medicine

**Award:** ADX-0001 (10040147-1)

**Project Dates:** 08/20/09 - 07/31/12

**F & A:** $ 50,974

Pickelsimer, E.

**Statewide Investigation of Traumatic Brain Injury in Prisons**

**Principal Investigator**
Pickelsimer, E.

**Sponsor:** CDC

**Budget Dates:** 09/30/09 - 09/29/10

**Direct:** $ 373,959

**Award:** 5 U49 CE001318-03 (09051908)

**Project Dates:** 09/30/09 - 09/29/11

**F & A:** $ 121,041

Ploth, David

**The Role of Ion Channels in Cystic Diseases**

**Principal Investigator**
Ploth, David

**Sponsor:** Dialysis Clinics, Inc.

**Budget Dates:** 10/01/06 - 09/30/10

**Direct:** $ 210,000

**Award:** C-2618A (06091284)

**Project Dates:** 10/01/06 - 09/30/10

**F & A:** $ 0

**An Observer-Blinded, Randomized Study Comparing the Safety and Immunogenicity of HEPLISAV to Licensed Vaccine (Engerix-B) among Adults (18 to 70 Years of Age) with CKD**

**Principal Investigator**
Pothiron, Vincent

**Sponsor:** Dynavax Technologies

**Budget Dates:** 12/09/09 - 12/31/12

**Direct:** $ 26,925

**Award:** DV2-HBV-17 (09121703)

**Project Dates:** 12/09/09 - 12/31/12

**F & A:** $ 5,856

Raymond, John

**Training Grant in Renal Function and Disease**

**Principal Investigator**
Raymond, John

**Sponsor:** NIH/NIDDK

**Budget Dates:** 08/01/09 - 07/31/10

**Direct:** $ 109,295

**Award:** 2 T32 DK007752-11A1 (08060585)

**Project Dates:** 08/01/09 - 07/31/10

**F & A:** $ 8,295
Raymond, John

**Principal Investigator**

**Mechanisms of Regulation of NHE-1**

- Sponsor: NIH/NIDDK
- Award: 3 R01 DK052448-11S1 (09041462)
- Budget Dates: 08/20/09 - 06/30/10
- Project Dates: 08/20/09 - 06/30/10
- Direct: $79,366
- F & A: $20,635

**Mechanisms of Regulation of NHE-1**

- Sponsor: NIH/NIDDK
- Award: 5 R01 DK052448-11 (09041575)
- Budget Dates: 07/01/09 - 06/30/10
- Project Dates: 07/10/08 - 06/30/10
- Direct: $212,500
- F & A: $55,250

**Roles for Cb1 and ESCRT Proteins in 5-HT Receptor Function**

- Sponsor: VAMC
- Award: (09070114)
- Project Dates: 07/01/09 - 06/30/10
- F & A: $0

**Mentor**

**Discovery of Urine Biomarkers in Patients with Glomerular Disease**

- PI: Michael Janech
- Sponsor: Nephcure Foundation
- Total: $99,477
- Dept: Medicine
- Award: Y011 (07120101-2)

**ESCRT Proteins Play an Essential Role in EGF Receptor Recycling Mechanism Mediating Desensitization of Cell Signaling**

- PI: Aleksander Baldys
- Sponsor: Amer. Heart Assoc./Mid-Atlant
- Total: $41,000
- Dept: Medicine
- Award: 09POST2280104 (09012781-1)

**Crosstalk among Growth Factors, ADAMs and Integrins - Admin Supplement**

- PI: Monika Gooz
- Sponsor: NIH/NIDDK
- Total: $50,000
- Dept: Medicine
- Award: 3 K01 DK070054-05S1 (09041573-1)

**Regulation of 5-HT1A Receptor by Calmodulin**

- PI: Sonya Coaxum
- Sponsor: NIH/NHLBI
- Total: $102,908
- Dept: Medicine
- Award: 5 K01 HL092606-02 (09042847-1)

Reuben, Adrian

**Principal Investigator**

**Pivotal Study to Evaluate the Efficacy and Safety of the BreathID System for Detection of Cirrhosis Using the 13C-Methacetin Breath Test (MBT)**

- Sponsor: Exalenz Bioscience Ltd.
- Award: HIS-EZ-408 (08070353)
- Budget Dates: 08/05/08 - 10/31/10
- Project Dates: 08/05/08 - 10/31/10
- Direct: $21,465
- F & A: $5,366

**A Multi-Center Trial to Study Acute Liver Failure: Data and Specimen Collection Protocol Acute Liver Injury (ALI) and N-Acetylcysteine (NAC)**

- Sponsor: UT Southwestern Med. Ctr.
- Award: GMO-500816/5 U01 DK058369 (09061603)
- Budget Dates: 09/01/09 - 08/31/10
- Project Dates: 09/01/09 - 08/31/10
- Direct: $19,500
- F & A: $8,970

**A Phase 3, Safety and Efficacy Study of Erythropoietin Use During Treatment of Subjects with Chronic Hepatitis C with Boceprevir, Peginterferon Alfa-2b, and Ribavirin**

- Sponsor: Schering-Plough Research Institute
- Award: P06086-78 (09101626)
- Budget Dates: 11/24/09 - 10/25/11
- Project Dates: 11/24/09 - 10/25/11
- Direct: $81,654
- F & A: $19,663

**A Multi-Center Therapy Trial for Acute Liver Failure - Cost Per Patient Budget**

- Sponsor: UT Southwestern Med. Ctr.
- Award: GMO-500816/U01 DK058389 (10060574)
- Budget Dates: 09/01/09 - 08/31/11
- Project Dates: 09/01/09 - 08/31/11
- Direct: $6,279
- F & A: $2,889

**Co-Investigator**

**Phosphatidylethanol as an Alcohol Biomarker in Patients with Liver Disease**

- PI: Scott Stewart
- Sponsor: NIH/NIAAA
- Total: $200,000
- Dept: Psychiatry and Behavioral Sciences
- Award: 1 R01 AA017911-01A1 (08071613-1)

Romagnuolo, Joseph

**Principal Investigator**

**ASGE Mid-Career Endoscopic Mentoring Award**

- Sponsor: Amer. Society for Gastrointestinal Endoscopy
- Award: (08090468)
- Budget Dates: 07/01/09 - 06/30/12
- Project Dates: 07/01/09 - 06/30/12
- Direct: $75,000
- F & A: $15,000

**Pilot Prospective Study of Minor Papilla Endoscopic Sphincterotomy for Pancreas Divisum**

- Sponsor: NIH/NIDDK
- Award: 1 R21 DK084413-01 (08101220)
- Budget Dates: 06/25/10 - 05/31/11
- Project Dates: 06/25/10 - 05/31/11
- Direct: $147,592
- F & A: $70,106

**NAPS2 Continuation - Genome-Wide Association Study of Pancreatitis**

- Sponsor: Univ. of Pittsburgh
- Award: 0001190/R01 DK061451-07 (09072038)
- Budget Dates: 05/01/09 - 04/30/10
- Project Dates: 05/01/09 - 04/30/10
- Direct: $8,100
- F & A: $3,848
Romagnuolo, Joseph  

**Principal Investigator**  

**Randomized, Double-Blind, Placebo-Controlled Study of the Effect of a Single Injection of SAR164877 (REGN475) on Reduction of Pain from Chronic Pancreatitis**  

Sponsor: Sanofi-Aventis US, Inc.  

**Budget Dates:** 10/19/09 - 10/18/11  

**Direct:** $173,818  

**Sponsor:** Sanofi-Aventis US, Inc.  

**Award:** ACT11286 (09101294)  

**Project Dates:** 10/19/09 - 10/18/11  

**F & A:** $42,704  

**Randomized, Double-Blind, Placebo-Controlled Study of the Effect of a Single Injection of SAR164877 (REGN475) on Reduction of Pain from Chronic Pancreatitis**  

Sponsor: Univ. of Pittsburgh  

**Budget Dates:** 01/01/10 - 12/31/10  

**Direct:** $26,522  

**Sponsor:** Univ. of Pittsburgh  

**Award:** 0001032/U01 DK075803-03 (09110292)  

**Project Dates:** 10/19/09 - 10/18/11  

**F & A:** $12,448  

**A Phase 2, Randomized, Double-Blind, Placebo-Controlled, Multi-Center Study of the Analgesic Efficacy and Safety of Tanezumab in Patients with Chronic Pancreatitis**  

Sponsor: i3 Research  

**Budget Dates:** 05/25/10 - 06/30/11  

**Direct:** $53,890  

**Sponsor:** i3 Research  

**Award:** A4091044 (10051333)  

**Project Dates:** 05/25/10 - 06/30/11  

**F & A:** $12,848  

**NAPS2 Continuation - Genome Wide Association Study of Pancreatitis**  

Sponsor: Univ. of Pittsburgh  

**Budget Dates:** 09/30/09 - 08/31/10  

**Direct:** $2,500  

**Sponsor:** Univ. of Pittsburgh  

**Award:** 9004004/R01 DK061451-07S1 (10051334)  

**Project Dates:** 09/30/09 - 08/31/11  

**F & A:** $1,188  

**Sahn, Steven**  

**Principal Investigator**  

**Effects of Bosentan on Morbidity and Mortality in Patients with Idiopathic Pulmonary Fibrosis - A Multi-Center, Double-Blind, Randomized, Placebo-Controlled, Parallel-Group, Event-Driven, Group-Sequential, Phase III Study**  

Sponsor: Actelion Pharmaceuticals  

**Budget Dates:** 03/23/07 - 02/28/10  

**Direct:** $65,677  

**Sponsor:** Actelion Pharmaceuticals  

**Award:** AC-052-321 BUILD 3 (07032818)  

**Project Dates:** 03/23/07 - 02/28/10  

**F & A:** $16,419  

**A Phase 2, Multi-Center, Multinational, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Dose-Ranging Study Evaluating the Efficacy and Safety of CNTO 888 Administered Inravenously in Subjects with Idiopathic Pulmonary Fibrosis**  

Sponsor: Duke Univ.  

**Budget Dates:** 12/17/09 - 12/31/12  

**Direct:** $128,283  

**Sponsor:** Duke Univ.  

**Award:** 116-01/1U01HL080413-01 (09121818)  

**Project Dates:** 12/17/09 - 12/31/12  

**F & A:** $54,128  

**Prednisone, Azathioprine, N-Acetylcysteine: A Study That Evaluates Responses in Idiopathic Pulmonary Fibrosis (PANTHER-IPF)**  

Sponsor: Duke Univ.  

**Budget Dates:** 12/17/09 - 12/31/12  

**Direct:** $3,120  

**Sponsor:** Duke Univ.  

**Award:** 116-03/1U10HL080413-01 (09121819)  

**Project Dates:** 12/17/09 - 12/31/12  

**F & A:** $780  

**Anti-Coagulant Effectiveness in Idiopathic Pulmonary Fibrosis, a Randomized, Double-Blind, Placebo-Controlled Trial (ACE-IPF)**  

Sponsor: Duke Univ.  

**Budget Dates:** 12/17/09 - 12/31/12  

**Direct:** $152,034  

**Sponsor:** Duke Univ.  

**Award:** 116-03/1U10HL080413-01 (09121819)  

**Project Dates:** 12/17/09 - 12/31/12  

**F & A:** $67,492  

**Salgado, Cassandra**  

Co-Investigator  

**Copper Antimicrobial Research Program**  

PI: Michael Schmidt  

Dept: Division of Basic Sciences  

**Sponsor:** Advanced Technology Institut  

**Total:** $312,982  

**Award:** 2007-614-05 (09060308-1)  

**Sekine, Hedeharu**  

**Principal Investigator**  

**Altered Somatic Mutation in IgAD/CVID; Association with Deficiency of Msh4/5**  

Sponsor: NIH/NIAID  

**Budget Dates:** 07/01/09 - 06/30/11  

**Direct:** $125,000  

**Sponsor:** NIH/NIAID  

**Award:** 5 R21 AI079800-02 (09051033)  

**Project Dates:** 07/01/09 - 06/30/11  

**F & A:** $59,375  

**Selassie, Anbesaw**  

**Principal Investigator**  

**Spinal Cord Research Injury Fund: Surveillance Core**  

Sponsor: SC Spinal Cord Injury Fund  

**Budget Dates:** 07/01/09 - 06/30/10  

**Direct:** $37,500  

**Sponsor:** SC Spinal Cord Injury Fund  

**Award:** SCIRF0908 (09070641)  

**Project Dates:** 07/01/09 - 06/30/10  

**F & A:** 0  

**SC Traumatic Brain Injury (TBI) Surveillance Program**  

Sponsor: SC DHEC  

**Budget Dates:** 08/01/09 - 07/31/10  

**Direct:** $19,841  

**Sponsor:** SC DHEC  

**Award:** CY-10-025/PO777008 (09070642)  

**Project Dates:** 08/01/09 - 07/31/10  

**F & A:** $5,159
Selassie, Anbesaw

Co-PI or Project Leader
Measuring Outcomes after Spinal Cord Injury Throughout South Carolina: A System of Tracking, Research, and Referral
PI: James Krause
Dept: Health Sciences and Research
Sponsor: SC Spinal Cord Injury Fund
Award: SCIRF09-001 (09120850-1)
Total: $195,000

Co-Investigator
Oral Home Telecare for Tetraplegics
PI: Hon Yuen
Dept: Health Professions
Sponsor: NIH/NIDCR
Award: 1 R21 DE018775-01A2 (08101752-1)
Total: $150,000

Oral Home Telecare for Tetraplegics
PI: Hon Yuen
Dept: Health Professions
Sponsor: NIH/NIDCR
Award: 1 R21 DE018775-01A2 (08101752-1)
Total: $150,000

Critical Care Excellence in Sepsis and Trauma (CREST)
PI: Dee Ford
Dept: Medicine
Sponsor: NIH/NCMHD
Award: 1 RC1 MD004405-01 (09042394-1)
Total: $367,265

Center on Health Outcomes Research and Capacity Building for Underserved Populations with SCI and TBI
PI: James Krause
Dept: Health Sciences and Research
Sponsor: Dept. of Education
Award: H133A08006-04 (09062446-1)
Total: $253,619

Shapshak, Dag

Principal Investigator
DHEC HIV Testing in Hospital Emergency Departments
Sponsor: SC DHEC
Award: HV-8-941 (08032033)
Budget Dates: 09/30/09 - 09/29/10 Direct: $74,800
Project Dates: 03/28/08 - 09/29/10 F & A: 0

A Randomized, Phase 3, Study of Tasisulam Administered as an Intravenous Infusion on Day 1 of a 28-Day Cycle vs. Paclitaxel as Second-Line Treatment in Patients with Metastatic Melanoma
PI: Eli Lilly
Sponsor: Biovex, Inc.
Budget Dates: 12/21/09 - 12/20/14 Direct: $170,835
Award: FY10.046.008/RC2 CA148394 (10041624)
Project Dates: 09/29/09 - 08/31/11 F & A: 2,818

A Randomized, Phase 2 Study of LY2181308 in Combination with Docetaxel Versus Docetaxel in Patients with Locally Advanced or Metastatic Non-Small Cell Lung Cancer Who were Previously Treated with First Line Chemotherapy
PI: Eli Lilly
Sponsor: Univ. of Colorado
Budget Dates: 09/29/09 - 08/31/10 Direct: $11,932
Award: FY10.046.008/RC2 CA148394 (10041624)
Project Dates: 09/29/09 - 08/31/11 F & A: 2,818

A Randomized, Double-Blind, Randomized, Placebo-Controlled, Phase III Study to Assess the Efficacy of recMAGE-A3 + A515 ASCI as Adjuvant Therapy in Patients with MAGE-A3 Positive Resected Stage III Melanoma
PI: GlaxoSmithKline
Sponsor: Biovex, Inc.
Budget Dates: 02/01/10 - 01/31/15 Direct: $88,342
Award: 111482 (10030413)
Project Dates: 02/01/10 - 01/31/15 F & A: 21,336

Lung Cancer Mutation Consortium Protocol
PI: Eli Lilly
Sponsor: Univ. of Colorado
Budget Dates: 05/07/10 - 05/06/15 Direct: $112,924
Award: H8Z-MC-JACW (10051105)
Project Dates: 05/07/10 - 05/06/15 F & A: 26,794

A Randomized, Double-Blind, Phase 2 Safety Study of Cetuximab, Using ImClone versus Boehringer Ingelheim Manufacturing Processes, in Combination with Cisplatin or Carboplatin and 5-Fluorouracil in the First-Line Treatment of Patients with Locoregionally Recurrent and/or Metastatic Squamous Cell Carcinoma of the Head and Neck
PI: Eli Lilly
Sponsor: Univ. of Colorado
Budget Dates: 05/07/10 - 05/06/15 Direct: $219,734
Award: I4E-MC-JXBD (10051106)
Project Dates: 05/07/10 - 05/06/15 F & A: 53,496

Shirai, Keisuke

Principal Investigator
A Phase I Study to Evaluate the Safety/Tolerability and Immunogenicity of V930/V932 in Patients with Cancers Expressing HER-2 and/or CEA
PI: Merck
Sponsor: Merck
Budget Dates: 07/09/07 - 03/03/14 Direct: $111,692
Award: 003 (07032921)
Project Dates: 07/09/07 - 03/03/14 F & A: 27,923

A Randomized, Phase 3, Clinical Trial to Evaluate the Efficacy and Safety of Treatment with OncoVEXGM-CSF Compared to Subcutaneously Administered GM-CSF in Previously Treated Melanoma Patients with Unresectable Stage IIib, IIic and IV Disease
PI: Eli Lilly
Sponsor: Biovex, Inc.
Budget Dates: 12/21/09 - 12/20/14 Direct: $170,835
Award: FY10.046.008/RC2 CA148394 (10041624)
Project Dates: 09/29/09 - 08/31/11 F & A: 2,818

A Randomized, Phase 2 Study of LY2181308 in Combination with Docetaxel Versus Docetaxel in Patients with Locally Advanced or Metastatic Non-Small Cell Lung Cancer Who were Previously Treated with First Line Chemotherapy
PI: Eli Lilly
Sponsor: Univ. of Colorado
Budget Dates: 05/07/10 - 05/06/15 Direct: $112,924
Award: H8Z-MC-JACW (10051105)
Project Dates: 05/07/10 - 05/06/15 F & A: 26,794

A Randomized, Double-Blind, Phase 2 Safety Study of Cetuximab, Using ImClone versus Boehringer Ingelheim Manufacturing Processes, in Combination with Cisplatin or Carboplatin and 5-Fluorouracil in the First-Line Treatment of Patients with Locoregionally Recurrent and/or Metastatic Squamous Cell Carcinoma of the Head and Neck
PI: Eli Lilly
Sponsor: Biovex, Inc.
Budget Dates: 05/07/10 - 05/06/15 Direct: $219,734
Award: I4E-MC-JXBD (10051106)
Project Dates: 05/07/10 - 05/06/15 F & A: 53,496

Co-Investigator
Targeting mTOR as a Novel Mechanism-Based Therapy for Head and Neck Cancer
PI: M. Young
Sponsor: NIH/NCI
Total: $75,467
Dept: Otolaryngology
Award: 3 R01 CA128837-01A2S1 (09052122-1)
Shirai, Keisuke  
Co-Investigator  
Clinical Vector for TCR Immunotherapy Targeted to Melanoma  
Pl: Michael Nishimura  
Sponsor: Lentigen Corporation  
Total: $ 441,185  
Dept: Surgery  
Award: 2 R44 CA126461-02A1 (09072979-1)

Silver, Richard  
Principal Investigator  
Roche Rheumatology Preceptorship  
Sponsor: Roche Laboratories  
Budget Dates: 11/15/08 - 11/14/09  
Direct: $ 15,400

An Open-Label, Trial to Evaluate the Safety of Dasatinib in the Treatment of Scleroderma Pulmonary Interstitial Fibrosis, CA180-267-010  
Sponsor: Bristol Myers Squibb  
Budget Dates: 02/12/09 - 01/31/11  
Direct: $ 20,200

Mycophenolate vs. Oral Cyclophosphamide in Scleroderma Interstitial Lung Disease (SLS II)  
Sponsor: Univ. of California, Los Angeles  
Budget Dates: 04/09/10 - 04/08/11  
Direct: $ 9,595

An Open-Label Trial to Evaluate the Safety of Dasatinib in the Treatment of Scleroderma Pulmonary Interstitial Fibrosis  
Sponsor: Bristol Myers Squibb  
Budget Dates: 02/12/09 - 01/31/11  
Direct: $ 20,200

Co-Investigator  
Inhibition of Thrombin and Thrombin-Induced Signaling Molecules in Pulmonary Fibrosis by Dabigatran  
Pl: Galina Bogatkevich  
Sponsor: Boehringer Ingelheim Pharma  
Total: $ 35,200

Silvestri, Gerard  
Principal Investigator  
Computer-Aided Cancer Management - Supplement Pulmonary-Silvestri  
Sponsor: DOD  
Budget Dates: 09/01/08 - 08/31/10  
Direct: $ 338,479

K24 Mid-Career Investigator Award in Patient-Oriented Research  
Sponsor: NIH/NCI  
Budget Dates: 01/01/10 - 12/31/10  
Direct: $ 15,285

Downstream Revenue from the Establishment of an Endobronchial Ultrasound (EBUS) Program  
Sponsor: Olympus America, Inc.  
Budget Dates: 07/14/09 - 07/14/10  
Direct: $ 3,196

Simpson, Annie  
Other  
Drug Abuse Research Training (DART) Program  
Pl: Kathleen Brady  
Sponsor: NIH/NIDA  
Total: $ 278,351

Sinha, Debajyoti  
Co-Investigator  
Epistatic Effects of FcgammaRIII and Fc (GM) Genes in Breast Cancer  
Pl: Janardan Pandey  
Sponsor: DOD/US Army  
Total: $ 100,000

Siskind, Leah  
Principal Investigator  
Role of Ceramide in Aging Related Diseases  
Sponsor: VAMC  
Budget Dates: 01/01/10 - 12/31/10  
Direct: $ 142,300
Siskind, Leah  
**Co-PI or Project Leader**  
American Cancer Society Institutional Research Grant: Targeting BAK Regulation of Ceramide Synthases for the Development of Novel Cancer Therapeutics  
PI: Carolyn Reed  
Sponsor: Amer. Cancer Soc.  
Total: $ 30,000  
Dept: Surgery  
Award: IRG-97-219-11 (09033042-4)

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Slate, Elizabeth  
**Principal Investigator**  
**Biostatistics Training for Basic Biomedical Research**  
Sponsor: NIH/NIGMS  
Budget Dates: 07/01/09 - 06/30/10  
Direct: $ 141,324  
Award: 5 T32 GM074934-05 (08120463)  
Project Dates: 07/01/09 - 06/30/10  
F & A: 7,512

**Logic Forest: A Statistical Method for Biomarker Discovery**  
Sponsor: NIH/NCI  
Budget Dates: 09/01/09 - 08/31/10  
Direct: $ 49,450  
Award: 5 R03 CA137805-02 (09070753)  
Project Dates: 09/01/09 - 08/31/10  
F & A: 23,488

**Biostatistics Training for Basic Biomedical Research**  
Sponsor: NIH/NIGMS  
Budget Dates: 09/01/09 - 08/31/11  
Direct: $ 70,662  
Award: 5 T32 GM074934-05S1 (09080508)  
Project Dates: 09/01/09 - 08/31/11  
F & A: 3,756

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Smith, Edwin  
**Principal Investigator**  
**Continuation of the Consortium for the Longitudinal Evaluation of African-Americans with Early Rheumatoid Arthritis (CLEAR) Registry**  
Sponsor: Univ. of Alabama, Birmingham  
Budget Dates: 09/30/09 - 09/29/11  
Direct: $ 34,334  
Award: HHSN268200682278C (08090361)  
Project Dates: 09/30/09 - 09/29/11  
F & A: 15,794

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Snider, Ashley  
**Principal Investigator**  
**The Role of Sphingolipids in Inflammatory Bowel Disease**  
Sponsor: NIH/NIDDK  
Budget Dates: 08/01/09 - 04/24/10  
Direct: $ 50,054  
Award: 1 F32 DK084604-01 (08112542)  
Project Dates: 08/01/09 - 04/24/10  
F & A: 0

**The Role of Sphingolipids in Inflammatory Bowel Disease**  
Sponsor: VAMC  
Budget Dates: 05/01/10 - 06/30/11  
Direct: $ 142,900  
Award: (10051962)  
Project Dates: 05/01/10 - 06/30/11  
F & A: 0

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Soule, Jeremy  
**Principal Investigator**  
**Epidemiology of Diabetes Intervention and Complications - Clinical Coordinating Center (EDIC) Clinic #8**  
Sponsor: Case Western Reserve Univ.  
Budget Dates: 03/01/09 - 02/28/10  
Direct: $ 147,314  
Award: RES429767 (09032523)  
Project Dates: 03/01/09 - 02/28/10  
F & A: 25,525

**Pilot Study: Skin Fluorescence and Type I Diabetes Complications: A New Marker of Complications and Risks**  
Sponsor: University Hospitals of Cleveland  
Budget Dates: 12/03/09 - 12/02/11  
Direct: $ 3,472  
Award: EDIC VERILIGHT (09111675)  
Project Dates: 12/03/09 - 12/02/11  
F & A: 868

**Epidemiology of Diabetes Interventions and Complications- Clinical Coordinating Center (EDIC) #8**  
Sponsor: Case Western Reserve Univ.  
Budget Dates: 03/01/10 - 02/28/11  
Direct: $ 106,247  
Award: RES429767/N01-DK-62203 (10031559)  
Project Dates: 03/01/10 - 02/28/11  
F & A: 26,492

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Steinberg, Daniel  
**Principal Investigator**  
**Spirocor Coronary Outcome by Respiratory Stress Examination (SCORE)**  
Sponsor: Spirocor Ltd.  
Budget Dates: 03/01/10 - 12/31/12  
Direct: $ 35,500  
Award: SCORE #005 (10022462)  
Project Dates: 03/01/10 - 12/31/12  
F & A: 8,000

**Registry Experience at the Washington Hospital Center, DeS - Taxus Liberte vs Xience V**  
Sponsor: MedStar Health Research Institute  
Budget Dates: 06/17/10 - 12/31/11  
Direct: $ 79,720  
Award: REWARDS TLX (10060139)  
Project Dates: 06/17/10 - 12/31/11  
F & A: 19,180

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Stenbit, Antine  
**Principal Investigator**  
**Program for Adult Care Excellence (PACE)**  
Sponsor: Cystic Fibrosis Fdn.  
Budget Dates: 07/01/09 - 06/30/10  
Direct: $ 25,000  
Award: STENBI08AC0 (09080509)  
Project Dates: 07/01/09 - 06/30/10  
F & A: 2,000
Stenbit, Antine

**Co-PI or Project Leader**

A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study to Investigate the Safety and Efficacy of Two Doses of Tiotropium Bromide (2.5 mg and 5 mg) Administered Once Daily via the Respimat Device for 12 Weeks in Patients with Cystic Fibrosis

*PI*: Patrick Flume  
*Sponsor*: Boehringer Ingelheim Pharma  
*Total*: $3,960

**Dept**: Medicine  
*Award*: 205.339 (08092320-2)

**Co-Investigator**

Improving Nutritional Outcomes in the MUSC Cystic Fibrosis Population

*PI*: Isabel Virella-Lowell  
*Sponsor*: Cystic Fibrosis Fdn.  
*Total*: $25,000

**Dept**: Pediatrics  
*Award*: VIRELL09QI0 (09101315-1)

Strange, Charlie

**Principal Investigator**

**Alpha-1 Registry Program**

*Sponsor*: Alpha-1 Fdn.  
*Budget Dates*: 07/01/09 - 06/30/10  
*Direct*: $121,121

*Award*: (09071392)

**Alpha-1 Association Genetic Counseling Center**

*Sponsor*: Alpha-1 Assoc.  
*Budget Dates*: 07/01/09 - 06/30/10  
*Direct*: $76,074

*Award*: (09110952)

**Alpha-1 Foundation ACT Study**

*Sponsor*: Alpha-1 Fdn.  
*Budget Dates*: 07/01/09 - 06/30/10  
*Direct*: $122,460

*Award*: (09111062)

**Phase III Trial for Sirolimus in Lymphangioleiomyomatosis (MILES Trial)**

*Sponsor*: Univ. of Cincinnati  
*Budget Dates*: 08/01/09 - 06/30/10  
*Direct*: $22,054

*Award*: 005235/5 R01 FD003362-03 (09111677)

**QUANTitative Chest Computed Tomography UnMasking Emphysema Progression in Alpha-1 Antitrypsin Deficiency (Quantum-1)**

*Sponsor*: Alpha-1 Fdn.  
*Budget Dates*: 09/01/09 - 12/31/11  
*Direct*: $28,200

*Award*: (10041203)

**An Exploratory Study to Investigate Plasma/Urine/Sputum Desmosine Levels and to Estimate Intra- and Inter-Individual Variability in Alpha-1 Antitrypsin Deficient (AATD) Patients and Healthy Subjects**

*Sponsor*: AstraZeneca  
*Budget Dates*: 05/10/10 - 05/31/12  
*Direct*: $52,376

*Award*: D3020M00001 (10042238)

**QUANTUM-1 Study Data Technology Coordinating Center**

*Sponsor*: Alpha-1 Fdn.  
*Budget Dates*: 08/01/09 - 12/31/11  
*Direct*: $26,940

*Award*: (10071867)

**Co-PI or Project Leader**

Mycophenolate vs. Oral Cyclophosphamide in Scleroderma Interstitial Lung Disease (SLS II)

*PI*: Richard Silver  
*Sponsor*: Univ. of California, Los Angeles  
*Total*: $60,902

*Dept*: Medicine  
*Award*: 1460 G KB111 (09081446-1)

**Co-Investigator**

Respiratory Phase Training Effects on Swallow Impairment in Oropharyngeal Cancer

*PI*: Bonnie Martin-Harris  
*Sponsor*: NIH/NIDCD  
*Total*: $150,000

*Dept*: Otolaryngology  
*Award*: 1 R21 DC010480-01A1 (08111390-1)

Stuart, Robert

**Principal Investigator**

**Phase 3, Open-Label, Randomized Study of Amonafide L-Malate in Combination with Cytarabine Compared to Daunorubicin in Combination with Cytarabine in Patients with Secondary Acute Myeloid Leukemia (AML)**

*Sponsor*: INC Research, Inc.  
*Budget Dates*: 09/25/08 - 12/01/13  
*Direct*: $56,800

*Award*: 0001A3-300-GL (08092323)

**Phase IIB, Multi-Center, Randomized, Open-Label Trial of CPX-351 (Cytarabine:Daunorubicin) Liposome Injection Versus Cytarabine and Daunorubicin in Patients with Untreated AML 60-75 Years of Age**

*Sponsor*: Celator Pharmaceuticals, Inc.  
*Budget Dates*: 09/01/09 - 08/31/14  
*Direct*: $110,443

*Award*: CLTR0308-204 (09071084)

**Grant for Database- Sunesis**

*Sponsor*: Sunesis Pharmaceuticals, Inc.  
*Budget Dates*: 10/14/09 - 09/30/10  
*Direct*: $3,802

*Award*: Database (09101312)
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<tr>
<th>Principal Investigator</th>
<th>Project Title</th>
<th>Sponsor</th>
<th>Budget Dates</th>
<th>Direct Costs</th>
<th>F &amp; A Costs</th>
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<tbody>
<tr>
<td>Stuart, Robert</td>
<td>Safety, Tolerability, and Pharmacokinetic/Pharmacodynamic Study of KW-2449 in Acute Myelogenous Leukemia</td>
<td>Kyowa Pharmaceuticals</td>
<td>10/12/09 - 10/11/14</td>
<td>118,036</td>
<td>28,384</td>
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<td>Phase 1b/2, Open-Label, Multi-Center, Dose-Escalating, Clinical Study of the Safety, Tolerability, and Pharmacokinetic and Pharmacodynamic Profiles of Voreloxin Injection in Combination with Cytarabine in Patients with Relapsed or Refractory Acute Myeloid Leukemia</td>
<td>Sunesis Pharmaceuticals, Inc.</td>
<td>10/21/09 - 07/31/11</td>
<td>106,404</td>
<td>25,851</td>
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<td>An Open-Label, Randomized, Controlled, Phase II Study of AS1411 Combined with Cytarabine in the Treatment of Patients with Primary Refractory or Relapsed Acute Myeloid Leukemia</td>
<td>Novotech, Inc.</td>
<td>12/11/09 - 12/10/14</td>
<td>228,426</td>
<td>55,981</td>
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<td>ASCO Educational Grant</td>
<td>Sunesis Pharmaceuticals, Inc.</td>
<td>06/01/10 - 06/30/10</td>
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<td>Co-PI or Project Leader</td>
<td>Clinical Rider #0604: A Multi-Center, Phase II Trial of Non-Myeloablative Conditioning (NST) and Transplantation of Umbilical Cord Blood (UCB) from Unrelated Donors for Patients with Hematologic Malignancies</td>
<td>National Marrow Donor Progr</td>
<td>0604/U01 HL069294 (09090102-1)</td>
<td>22,629</td>
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<td>MUSC Cancer Center Support Grant: Clinical Trials Office</td>
<td>NIH/NCI</td>
<td>6 P30 CA138313-02 (10012770-11)</td>
<td>100,658</td>
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<td>Co-Investigator</td>
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<td></td>
<td>Preventing Heart Disease in Women of South Carolina</td>
<td>Health Sciences SC</td>
<td>07/01/09 - 06/30/10</td>
<td>105,300</td>
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<th>Principal Investigator</th>
<th>Project Title</th>
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<th>Budget Dates</th>
<th>Direct Costs</th>
<th>F &amp; A Costs</th>
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<tbody>
<tr>
<td>Sturdivant, Lacy</td>
<td>SMARTDELY Determined AV Optimization: A Comparison to Other AV Delay Methods Used in Cardiac Resynchronization Therapy (SMART - AV)</td>
<td>Boston Scientific Corp.</td>
<td>09/16/08 - 12/31/10</td>
<td>43,560</td>
<td>10,890</td>
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<td>Medtronic Shock-Less Study</td>
<td>Medtronic, Inc.</td>
<td>10/02/09 - 12/31/13</td>
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<td>5,500</td>
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<td>Randomized Evaluation of Efficacy and Safety of Ferric Carboxymaltose in Patients with Iron Deficiency, Anemia and Impaired Renal Function</td>
<td>Luitpold Pharmaceuticals, Inc.</td>
<td>02/02/10 - 01/31/12</td>
<td>45,400</td>
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<tr>
<td>Taylor, Marian</td>
<td>Preventing Heart Disease in Women of South Carolina</td>
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<td>07/01/09 - 06/30/10</td>
<td>105,300</td>
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</table>

82 Medical University of South Carolina
Taylor, Marian

Co-Investigator

The ASPECT Trial: A Phase III, Randomized, Double-Blind Crossover Trial of Apadenoson for the Detection of Myocardial Perfusion Defects Using Single-Photon Emission Computed Tomography (SPECT) Myocardial Perfusion Imaging (MPI)

PI: Leonie Gordon
Sponsor: PPD Development
Total: $144,100

Dept: Radiology
Award: PGX-III-AP-001 (10012668-1)

Thomas, James

Principal Investigator

A Multi-Center, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Safety and Efficacy of SCH 530348 in Addition to Standard Care in Subjects with a History of Atherosclerotic Disease: Thrombin Receptor Antagonist in Secondary Prevention of Atherothrombotic Ischemic Events (TRA 2)-TIMI 50

Sponsor: Schering-Plough Research Institute
Budget Dates: 09/01/07 - 11/30/10
Direct: $60,000
F & A: 15,000

A Phase III, Double-Blind, Randomized, Placebo-Controlled Study to Evaluate the Effects of RO4607381 on Cardiovascular (CV) Risk in Stable CHD Patients with a Documented Recent Acute Coronary Syndrome (ACS)

Sponsor: Hoffman-LaRoche, Inc.
Budget Dates: 03/04/08 - 03/01/11
Direct: $8,992
F & A: 2,248

A Clinical Outcomes Study of Darapladib versus Placebo in Subjects following Acute Coronary Syndrome to Compare the Incidence of Major Adverse Cardiovascular Events (MACE)

Sponsor: Brigham and Women's Hospital
Budget Dates: 05/13/10 - 05/12/16
Direct: $200,100
F & A: 48,900

Saxagliptin Assessment of Vascular Outcomes Recorded in Patients with Diabetes Mellitus (Savor TIMI-53) Study

Sponsor: Brigham and Women's Hospital
Budget Dates: 12/22/09 - 12/21/14
Direct: $184,016
F & A: 45,254

Tourkina, Elena

Principal Investigator

Caveolin-1 Regulation of Altered Functions of Scleroderma Fibrocytes

Sponsor: NIH/NIAMS
Budget Dates: 07/17/09 - 06/30/10
Direct: $50,000

Anti-Fibrotic and Anti-Inflammatory Roles of Caveolin-1 in Lung Disease

Sponsor: NIH/NIAMS
Budget Dates: 07/01/09 - 06/30/10
Direct: $108,865

Role of Angiotensin II in Peritoneal Sclerosis

Sponsor: Dialysis Clinics, Inc.
Budget Dates: 12/01/09 - 11/30/12
Direct: $296,379

Ullian, Michael

Principal Investigator

Nuclear Trafficking of the Angiotensin II Type 1a Receptor

Sponsor: Dialysis Clinics, Inc.
Budget Dates: 07/01/08 - 05/31/12
Direct: $230,262

Role of Angiotensin II in Peritoneal Sclerosis

Sponsor: Dialysis Clinics, Inc.
Budget Dates: 12/01/09 - 11/30/12
Direct: $296,379

Dept: Medicine
Award: 1 R21 AT004450-01A2 (09031151-1)
Van Bakel, Adrian
Principal Investigator
A 24-Month, Multi-Center, Randomized, Open-Label, Non-Inferiority Study of Efficacy and Safety Comparing Two Exposures of Concentration-Controlled Study Drug in De Novo Heart Transplant Recipients
Sponsor: Novartis Corp.
Award: CRAD001AS2310 (05120294)
Budget Dates: 09/01/05 - 04/30/11
Direct: $23,551
F & A: $5,887

Medronic Chronic ICD Implantable Cardioverter Defibrillator Clinical Investigational Plan
Sponsor: Medronic, Inc.
Award: REDUCECHF/Chronic ICD (06091174)
Budget Dates: 09/21/06 - 12/31/10
Direct: $1,008
F & A: $252

Sample Collection for the Performance Evaluation of Roche Total Mycophenolic Acid Assay on Integra Systems
Sponsor: Roche Diagnostics
Award: B06 I002a (06091905)
Budget Dates: 09/21/06 - 12/31/10
Direct: $13,200
F & A: $3,300

Co-Investigator
A Phase 4, Multi-Center, Double-Blind, Randomized, Placebo-Controlled Study of the Safety and Tolerance of Regadenoson in Subjects with Renal Impairment
PI: John Arthur
Dept: Medicine
Sponsor: Astellas Pharma US, Inc.
Award: 3606-CL-3010 (09093035-1)

Wallace, Kristin
Co-PI or Project Leader
ACS-IRG: Race, Pathologic Biomarkers and Survival in Advanced State Colorectal Cancer
PI: Carolyn Reed
Dept: Surgery
Sponsor: Amer. Cancer Soc.
Award: IRG-97-219-11 (09033042-6)

Wharton, J.
Principal Investigator
Clinical Study of the CardioFocus Endoscopic Ablation System - Adaptive Contact (EAS-AC) for the Treatment of Symptomatic Atrial Fibrillation
Sponsor: CardioFocus, Inc.
Award: 25-2734 (09111164)
Budget Dates: 11/20/09 - 12/31/12
Direct: $456,510
F & A: $113,252

A Phase 3b, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study to Evaluate the Safety and Efficacy of Vernakalant Hydrochloride Injection in Patients with Recent Onset Symptomatic Atrial Fibrillation
Sponsor: Astellas Pharma US, Inc.
Award: 6517-CL-0020 (10010656)
Budget Dates: 01/04/10 - 12/31/12
Direct: $35,072
F & A: $7,893

Wilson, Frederick
Principal Investigator
The Crohn’s Therapy, Resource, Evaluation and Assessment Tool (TREAT) Registry
Sponsor: Centocor, Inc.
Award: (02052101)
Budget Dates: 08/01/07 - 07/31/11
Direct: $2,560
F & A: $640

Wilson, Parker
Co-Investigator
Lipoproteins, CTGF and Diabetic Vascular and Renal Disease
PI: Ayad Jaffa
Dept: Medicine
Sponsor: NIH/NHLBI
Award: 5 R01 HL077192-05 (09121699-1)
Total: $242,750
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<tr>
<th>Wollson, Robert</th>
<th>Co-Investigator</th>
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<tbody>
<tr>
<td><strong>CBT and Modafinil for Cocaine Addiction</strong></td>
<td>Sponsor: NIH/NIDA Total: $250,000</td>
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<td>PI: Robert Malcolm, Jr.</td>
<td>Dept: Psychiatry and Behavioral Sciences Award: 5 R01 DA016368-06 (09050831-1)</td>
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<td><strong>Neurological Emergencies Treatment Trials Network Statistical and Data Management</strong></td>
<td>Sponsor: NIH/NINDS Total: $467,296</td>
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<td>PI: Yuko Palesch</td>
<td>Dept: Medicine Award: 5 U01 NS059041-04 (09052764-1)</td>
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<td><strong>Demographic Differences in the Treatment and Control of Glucose in Type 2 Diabetic Patients: Implications for Health Care Practice and Policy</strong></td>
<td>Sponsor: Takeda Pharmaceuticals Total: $64,200</td>
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<td>PI: Brent Egan</td>
<td>Dept: Medicine Award: SC1000082857 (09103083-1)</td>
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<tr>
<th>Wray, Dannah</th>
<th>Co-PI or Project Leader</th>
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<tbody>
<tr>
<td><strong>A Phase 3, Open-Label, Randomized Study of the Antiviral Activity, Safety, and Tolerability of Intravenous Peramivir in Adult and Adolescent Hospitalized Subjects with Confirmed or Suspected Influenza Infection</strong></td>
<td>Sponsor: BioCryst Pharmaceuticals, Inc Total: $150,418</td>
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<td>PI: Claire Magauran</td>
<td>Dept: Medicine Award: BCX1812-303 (10010764-1)</td>
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<td><strong>PROTECT III: Progesterone for Traumatic Brain Injury: Experimental Clinical Treatment</strong></td>
<td>Sponsor: Emory Univ. Total: $173,505</td>
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<td>PI: Yuko Palesch</td>
<td>Dept: Medicine Award: S272606/1 U01 NS062778-01 (08061640-1)</td>
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<td><strong>TREATMENT IMPLICATIONS OF BETA-BLOCKADE EFFECTS ON MEMORY FOR COCAINE CRAVING</strong></td>
<td>Sponsor: NIH/NIDA Total: $125,687</td>
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<tr>
<td>PI: Michael Saladin</td>
<td>Dept: Health Sciences and Research Award: 5 R21 DA025155-02 (09051898-1)</td>
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<td><strong>HDL-Associated S1P as an Indicator of Relative Risk for Cardiovascular Disease</strong></td>
<td>Sponsor: NIH/NHLBI Total: $150,000</td>
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<tr>
<td>PI: Kelley Argraves</td>
<td>Dept: Regenerative Medicine and Cell Biology Award: 1 R21 HL094883-01A1 (08021231-1)</td>
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<tr>
<th>Yeatts, Sharon</th>
<th>Principal Investigator</th>
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<tbody>
<tr>
<td><strong>Safety and Tolerability of Deferoxamine in Acute Cerebral Hemorrhage</strong></td>
<td>Sponsor: Beth Israel Deaconess Med. Ctr. Budget Dates: 01/01/10 - 12/31/10 Direct: $43,933</td>
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<tr>
<td>PI: Yuko Palesch</td>
<td>Dept: Medicine Award: 5 R01 NS057127-03 (09110327) Project Dates: 01/15/08 - 12/31/10 F &amp; A: 20,209</td>
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<td><strong>PROTECT III: Progesterone for Traumatic Brain Injury: Experimental Clinical Treatment</strong></td>
<td>Sponsor: Emory Univ. Total: $173,505</td>
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<td>PI: Yuko Palesch</td>
<td>Dept: Medicine Award: S272606/1 U01 NS062778-01 (08061640-1)</td>
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<tr>
<td><strong>Neurological Emergencies Treatment Trials Network Statistical and Data Management</strong></td>
<td>Sponsor: NIH/NINDS Total: $467,296</td>
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<tr>
<td>PI: Yuko Palesch</td>
<td>Dept: Medicine Award: 5 U01 NS059041-04 (09052764-1)</td>
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<tr>
<td><strong>Significant Contributor</strong></td>
<td><strong>The Significance of Intracranial Hemorrhage after Revascularization Therapy</strong></td>
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<tr>
<td>PI: Renee Martin</td>
<td>Dept: Medicine Award: COEUS004936/K23 NS059843- (10030302-1)</td>
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<th>Zapka, Jane</th>
<th>Principal Investigator</th>
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<tr>
<td><strong>Zapka IPA-NCI</strong></td>
<td><strong>Feeding in Elderly Late-Stage Dementia: The FIELD Trial</strong></td>
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<td>PI: Elaine Amella</td>
<td>Dept: Nursing Award: 1 R21 AG032083-02 (08031073-2)</td>
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<td><strong>Critical Care Excellence in Sepsis and Trauma (CREST)</strong></td>
<td>Sponsor: NIH/NCMHD Total: $367,265</td>
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<tr>
<td>PI: Dee Ford</td>
<td>Dept: Medicine Award: 1 RC1 MD004405-01 (09042394-1)</td>
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</table>
Zapka, Jane
Co-Investigator
REACH U.S. Southeastern African American Center of Excellence for Elimination of Disparities
PI: Carolyn Jenkins
Sponsor: CDC
Dept: Nursing
Award: 5 U58 DP001015-03 (09050483-1)
Total: $ 723,475
Aging Q3 - Quality Education, Quality Care, Quality of Life
PI: William Moran
Sponsor: Donald W. Reynolds Fdn.
Dept: Medicine
Award: (09121816-1)
Total: $ 424,467

Collaborator
Partnership Readiness for Community Based Participatory Research
PI: Jeanette Andrews
Sponsor: NIH/NINR
Dept: Nursing
Award: 5 R03 NR011238-02 (09072767-1)
Total: $ 40,215

Zhai, Yusheng
Co-Investigator
Rehabilitation and Research Training Center on Secondary Conditions in Individuals with SCI
PI: James Krause
Sponsor: Dept. of Education
Dept: Health Sciences and Research
Award: H133B090005 (09081959-1)
Total: $ 709,896

Zhang, Xian
Principal Investigator
Role of Fli-1 Gene in Pathogenic B Cell Development
Sponsor: VAMC
Budget Dates: 10/01/09 - 09/30/10
Direct: $ 261,300
Award: (08052207)
Project Dates: 10/01/08 - 09/30/11
F & A: 0

Zhang, Zhi-Ren
Co-Investigator
The Role of Ion Channels in Cystic Diseases
PI: David Ploth
Sponsor: Dialysis Clinics, Inc.
Dept: Medicine
Award: C-2618A (06091284-3)
Total: $ 210,000

Zhao, Wenle
Co-Investigator
PROTECT III: Progesterone for Traumatic Brain Injury: Experimental Clinical Treatment
PI: Yuko Palesch
Sponsor: Emory Univ.
Dept: Medicine
Award: S272996/1 U01 NS062778-01 (08061640-1)
Total: $ 173,505
POINT: Platelet-Oriented Inhibition in New TIA
PI: Yuko Palesch
Sponsor: Univ. of California, San Franci
Dept: Medicine
Award: 5823SC/U01NS062835 (08120256-1)
Total: $ 151,977
Statistical and Data Coordinating Center for the ATACH - 2
PI: Yuko Palesch
Sponsor: NIH/NINDS
Dept: Medicine
Award: 1 U01 NS061861-01A1 (09030414-1)
Total: $ 222,930
A Multi-Center Study of Acute Liver Failure in Adults
PI: Valerie Durkalski
Sponsor: UT Southwestern Med. Ctr.
Dept: Medicine
Award: GMO-101005/U01 DK058369-1 (09041459-1)
Total: $ 36,807
Neurological Emergencies Treatment Trials Network Statistical and Data Management
PI: Yuko Palesch
Sponsor: NIH/NINDS
Dept: Medicine
Award: 5 U01 NS059041-04 (09052764-1)
Total: $ 467,296
Parkinson's Disease Clinical Trial: Statistical Center
PI: Jordan Elm
Sponsor: Univ. of Texas Health Science
Dept: Medicine
Award: 0007295A/U01 NS043127-09 (09071302-1)
Total: $ 36,351
SC COBRE for Oral Health Research (Biostatistics Core)
PI: Keith Kirkwood
Sponsor: NIH/NCRR
Dept: Craniofacial Biology
Award: 5 P20 RR017696-09 (10012138-3)
Total: $ 96,115
3/8 - Prolonging Remission in Depressed Elderly (PRIDE)
PI: Rebecca Knapp
Sponsor: NIH/NIMH
Dept: Medicine
Award: 5 U01 MH081362-02 (10012557-1)
Total: $ 245,954

Other
Parkinson's Disease Clinical Trial: Statistical Center
PI: Jordan Elm
Sponsor: Univ. of Texas Health Science
Dept: Medicine
Award: 0007295A/U01NS043217-10 (10030303-1)
Total: $ 77,874

78 Medical University of South Carolina
Zhao, Yumin

Demographic Differences in the Treatment and Control of Glucose in Type 2 Diabetic Patients: Implications for Health Care Practice and Policy

PI: Brent Egan
Dept: Medicine
Sponsor: Takeda Pharmaceuticals
Total: $ 64,200
Award: SC1000082857 (09103083-1)

Zile, Michael

Principle Investigator

Clinical Study of the Medtronic Chronicle Implantable Hemodynamic Monitor System for Heart Failure

Compass HF

Sponsor: Medtronic, Inc.
Award: COMPASS - HF (03050711)
Budget Dates: 05/01/03 - 04/30/11
Direct: $ 4,799
F & A: $ 1,199

Diastolic Heart Failure: Role of the Extracellular Matrix

Sponsor: VAMC
Award: CARD-009-00F (03063026)
Budget Dates: 10/01/07 - 12/01/11
Direct: $ 125,000
F & A: $ 0

Preventing Heart Failure in South Carolina Rural Communities

Sponsor: Health Sciences SC
Award: 5999-SP (08032139)
Budget Dates: 11/06/07 - 12/01/10
Direct: $ 193,750
F & A: $ 0

COEE for Molecular Proteomics: Expendable

Sponsor: MUSC Fdn.
Award: (09050593)
Budget Dates: 07/01/09 - 12/31/10
Direct: $ 229,607
F & A: $ 0

Advanced Glycation End-Products in Human Myocardium

Sponsor: Univ. of Vermont
Award: 21469/R01 HL089944-02 (09101420)
Budget Dates: 09/15/08 - 08/31/11
Direct: $ 161,266
F & A: $ 76,601

Adams, Robert

Principle Investigator

REACH-MD PILOT: Telemedicine/Stroke Care System

Sponsor: Health Sciences SC
Award: (07080787)
Budget Dates: 08/01/07 - 06/30/10
Direct: $ 136,361
F & A: $ 0

Prevention of Stroke after STOP (Post-STOP)

Sponsor: NIH/NHLBI
Award: 1 R01 HL096789-01 (08100688)
Budget Dates: 09/01/09 - 06/30/10
Direct: $ 484,796
F & A: $ 215,511

Transcranial Doppler with Transfusions Changing to Hydroxyurea Trial (Twitch)

Sponsor: St. Jude Childrens Hospital
Award: 111513010-7359694/R01 HL0 (09042398)
Budget Dates: 08/21/09 - 07/31/11
Direct: $ 528,377
F & A: $ 122,729

Stroke with Transfusions Changing to Hydroxyurea (Switch)

Sponsor: St. Jude Childrens Hospital
Award: 111270050-7349506/U01 HL0 (09082473)
Budget Dates: 08/01/09 - 07/31/11
Direct: $ 99,369
F & A: $ 42,289
Adams, Robert  
Co-Investigator  
South Carolina Clinical and Translational Research Institute (SCTR) (UL1)  
PI: Kathleen Brady  
Sponsor: NIH/NCR  
Dept: Psychiatry and Behavioral Sciences  
Award: 1 UL1 RR029882-01 (09080615-1)  
Total: $ 2,466,971

Aston-Jones, Gary  
Principal Investigator  
Role of Locus Coeruleus in Decision Outcome  
Sponsor: Princeton Univ.  
Budget Dates: 09/01/09 - 08/31/11  
Direct: $ 346,378  
Award: 0001321 (09061059)  
Project Dates: 07/01/06 - 08/31/11  
F & A: 82,622

Control of Dopamine Neuron Firing Patter by PI-Coupled Receptors  
Sponsor: Univ. of Texas  
Budget Dates: 08/01/09 - 07/31/10  
Direct: $ 108,881  
Award: 161424-MUSC/US4 NS060658- (09072352)  
Project Dates: 08/15/08 - 07/31/13  
F & A: 51,719

Gene Transfer Into Selected Brain Neurons In Vivo  
Sponsor: NIH/NIDA  
Budget Dates: 01/01/10 - 12/31/10  
Direct: $ 133,353  
Award: 5 R21 DA025837-01 (09030413)  
Project Dates: 09/20/09 - 08/31/14  
F & A: 48,199

Role of Extended Amygdala in Opiate and Cocaine Abuse  
Sponsor: NIH/NIDA  
Budget Dates: 05/01/10 - 04/30/11  
Direct: $ 297,000  
Award: 5 R37 DA006214-22 (10032288)  
Project Dates: 08/15/08 - 07/31/13  
F & A: 141,075

Banik, Naren  
Principal Investigator  
Extra-Nigral Neurodegeneration in Experimental Parkinson’s Disease  
Sponsor: NIH/NINDS  
Budget Dates: 09/20/09 - 08/31/10  
Direct: $ 232,985  
Award: 1 R01 NS062327-01A2 (09030413)  
Project Dates: 09/20/09 - 08/31/14  
F & A: 96,199

Inflammation and Degeneration of Optic Nerve in EAE  
Sponsor: NIH/NINDS  
Budget Dates: 09/30/09 - 06/30/10  
Direct: $ 231,998  
Award: 1 R01 NS065456-01A1 (09031886)  
Project Dates: 09/30/09 - 06/31/14  
F & A: 100,877

Attenuation of Axonal Damage and Neuronal Death in EAE  
Sponsor: NIH/NINDS  
Budget Dates: 02/01/10 - 01/31/11  
Direct: $ 240,323  
Award: 5 R01 NS056176-05 (09121697)  
Project Dates: 08/15/06 - 01/31/11  
F & A: 110,549

Role of Proteinase in Spinal Cord Injury  
Sponsor: NIH/NINDS  
Budget Dates: 06/01/10 - 05/31/11  
Direct: $ 216,563  
Award: 5 R01 NS031622-16 (10041619)  
Project Dates: 12/13/09 - 05/31/12  
F & A: 99,619

Bhat, Narayan  
Principal Investigator  
Atherogenic Induction of Neuroinflammation  
Sponsor: NIH/NINDS  
Budget Dates: 05/15/10 - 04/30/11  
Direct: $ 124,987  
Award: 5 R21 NS063183-02 (08081814)  
Project Dates: 05/15/09 - 04/30/11  
F & A: 59,369

A Promyelinogenic Function of p38 MAP Kinase In Oligodendrocytes  
Sponsor: National Multiple Sclerosis Society  
Budget Dates: 10/01/09 - 09/30/11  
Direct: $ 143,970  
Award: RG 4068A8/1 (08081815)  
Project Dates: 10/01/09 - 09/30/11  
F & A: 13,317

Boger, Heather  
Principal Investigator  
Oxidative Stress and Glutamate Toxicity on Aged Dopaminergic Neurons  
Sponsor: NIH/NIA  
Budget Dates: 09/30/09 - 08/31/10  
Direct: $ 64,316  
Award: 1 K99 AG033687-01A1 (09092918)  
Project Dates: 09/30/09 - 08/31/11  
F & A: 5,145
### Annual Report for Research FY2010

**Neurosciences**

#### buffetari, Deanne

**Principal Investigator**

**Beta-Adrenergic Blockade of Cocaine Withdrawal Anxiety**

- **Sponsor:** NIH/NIDA
- **Award:** 5 F32 DA025411-02 (09042413)
- **Budget Dates:** 07/01/09 - 01/14/10
- **Direct:** $50,054
- **Project Dates:** 07/01/08 - 04/14/10

#### buhusi, Catalin

**Principal Investigator**

**Attentional Processing of Temporal Information**

- **Sponsor:** NIH/NIMH
- **Award:** 2 R56 MH065561-07A1 (08103133)
- **Budget Dates:** 09/01/09 - 06/30/10
- **Direct:** $200,000
- **Project Dates:** 02/04/02 - 06/30/10

#### Cason, Angie

**Principal Investigator**

**Drug of Abuse, Gender Differences, and Protection by Sweets**

- **Sponsor:** NIH/NIDA
- **Award:** 5 F32 DA023354-03 (09113013)
- **Budget Dates:** 02/01/08 - 01/31/11
- **Direct:** $52,154
- **Project Dates:** 02/01/08 - 01/31/11

#### Chandler, L.

**Principal Investigator**

**Ethanol and Plasticity of Tripartite Synapses**

- **Sponsor:** NIH/NIAAA
- **Award:** 1 R21 AA018803-01 (09032094)
- **Budget Dates:** 09/30/09 - 08/31/10
- **Direct:** $150,000
- **Project Dates:** 09/30/09 - 08/31/11

**Actin Dynamics and Spine Remodeling in Ethanol-Induced Plasticity**

- **Sponsor:** NIH/NIAAA
- **Award:** 3 R01 AA010983-12A1S1 (09112507)
- **Budget Dates:** 02/10/10 - 01/31/11
- **Direct:** $71,010
- **Project Dates:** 02/10/10 - 01/31/11

**Actin Dynamics and Spine Remodeling in Ethanol-Induced Plasticity**

- **Sponsor:** NIH/NIAAA
- **Award:** 5 R01 AA010983-13 (10052501)
- **Budget Dates:** 05/01/09 - 04/30/14
- **Direct:** $235,125
- **Project Dates:** 05/01/09 - 04/30/14

**Co-Investigator**

**Ethanol Sensitivity of Native and Cloned NMDA Receptors**

- **PI:** John Woodward
- **Dept:** Neurosciences
- **Award:** 2 R37 AA009986-15A1 (08071082-1)

**Effects of Chronic Alcohol Exposure on Synaptic Plasticity in the Prefrontal Cortex**

- **PI:** Sven Kroener
- **Dept:** Neurosciences
- **Award:** 1 R21 AA017527-01A2 (08110769-1)

**Alcohol Research Center - Treatment and Implications (Research Component 4)**

- **PI:** Carrie Randall
- **Dept:** Psychiatry and Behavioral Sciences
- **Award:** 5 P50 AA010761-15 (09102247-7)

**Mentor**

**Chronic Ethanol and SK2 Potassium Channels**

- **PI:** Patrick Mulholland
- **Dept:** Neurosciences
- **Award:** 1 K99 AA017922-01A1 (08110601-1)

**Collaborator**

**Chronic Alcohol-Induced Plasticity of the mPFC: Role for SK2 Channels**

- **PI:** Patrick Mulholland
- **Dept:** Neurosciences
- **Award:** ABNEU0169M/U01 AA013641 (09092811-1)

#### Chimowitz, Marc

**Principal Investigator**

**SAMMPRIS (Stenting vs. Aggressive Medical Management for Preventing Recurrent Stroke in Intracranial Stenosis)**

- **Sponsor:** NIH/NINDS
- **Award:** 5 U01 NS058728-02 (09050611)
- **Budget Dates:** 05/01/09 - 04/30/10
- **Direct:** $4,660,449
- **Project Dates:** 05/01/08 - 04/30/11

**SAMMPRIS (Stenting vs. Aggressive Medical Management for Preventing Recurrent Stroke in Intracranial Stenosis)**

- **Sponsor:** NIH/NINDS
- **Award:** 5 U01 NS058728-03 (10030299)
- **Budget Dates:** 05/01/10 - 04/30/11
- **Direct:** $3,797,173
- **Project Dates:** 05/01/08 - 04/30/13

**Co-Investigator**

**South Carolina Clinical and Translational Research Institute (SCTR) (UL1)**

- **PI:** Kathleen Brady
- **Dept:** Psychiatry and Behavioral Sciences
- **Award:** 1 UL1 RR029882-01 (09080615-1)
<table>
<thead>
<tr>
<th>Name</th>
<th>Role</th>
<th>Project Title</th>
<th>Sponsor</th>
<th>Budget Dates</th>
<th>Direct/Indirect</th>
<th>F &amp; A</th>
<th>Total</th>
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<tbody>
<tr>
<td>Chimowitz, Marc</td>
<td>Co-Investigator</td>
<td>South Carolina Clinical and Translational Research Institute (SCTR) (KL2)</td>
<td>NIH/NCR</td>
<td>09/30/09 - 03/31/11</td>
<td>$275,000</td>
<td>$94,050</td>
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<td>Cook, James</td>
<td>Principal Investigator</td>
<td>The Role of Eicosanoids in Shock</td>
<td>NIH/NIGMS</td>
<td>07/01/09 - 06/30/11</td>
<td>$239,980</td>
<td>$97,450</td>
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<tr>
<td>Das, Arabinda</td>
<td>Co-Investigator</td>
<td>Inflammation and Degeneration of Optic Nerve in EAE</td>
<td>NIH/NINDS</td>
<td>08/01/09 - 07/31/10</td>
<td>$32,000</td>
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<td>Ellegala, Dilantha</td>
<td>Principal Investigator</td>
<td>Molecular Imaging of Vascular Inflammation and Perfusion Using Advanced Ultrasound as Predictor of Vasospasm after SAH</td>
<td>Anspach</td>
<td>07/01/09 - 06/30/10</td>
<td>$32,000</td>
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<td>Faison, Warachal</td>
<td>Co-Investigator</td>
<td>Apathy in Alzheimer's Disease Methyphenidate Trial</td>
<td>NIH/NIA</td>
<td>07/01/09 - 06/30/10</td>
<td>$50,000</td>
<td>$23,750</td>
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<td>Fan, Hongkuan</td>
<td>Principal Investigator</td>
<td>The Role of Beta-Arrestins 1 and 2 in Rheumatoid Arthritis</td>
<td>NIH/NIAID</td>
<td>08/01/09 - 07/31/10</td>
<td>$50,000</td>
<td>$23,750</td>
<td>$73,750</td>
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<td>Flynn Longmire, Crystal</td>
<td>Principal Investigator</td>
<td>Observational Study of Long-Term (18 Month) Cognitive Outcomes in Healthy Volunteers, Patients with Mild Cognitive Impairment (MCI) and Patients with Alzheimer's Disease (AD) Who have Previously had PET Imaging with Florpiramine F 18 (F-AV-4S) Injection</td>
<td>Avid Radiopharmaceuticals, Inc.</td>
<td>03/18/09 - 03/31/11</td>
<td>$97,800</td>
<td>$24,450</td>
<td>$122,250</td>
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Medical University of South Carolina
### Frankel, Bruce

**Principal Investigator**

**A Phase III Study of Intraventricular DepoCyt (Orphan Drug Designation 06-2348) in Patients with Recurrent Glioblastoma**

**Sponsor:** FDA  
**Award:** R01 FD003542-01 (08020480)

**Project Dates:** 08/01/09 - 08/31/10  
**Direct:** $105,765

**Fusion Assessment Clinical Trial (FACT)**

**Sponsor:** Flexuspine, Inc.  
**Award:** 01000-T02 (FACT) (09071414)

**Project Dates:** 08/01/09 - 08/31/10  
**Direct:** $45,804

**Co-Investigator**

**A Multi-Center, Randomized, Double-Blind, Placebo-Controlled, Clinical Trial to Evaluate the Safety, Tolerability and Preliminary Effectiveness of Single Administration Intracranial rhGDF-5 for the Treatment of Early Stage Lumbar Disc Degeneration**

**PI:** Alessandro Cianfoni  
**Sponsor:** Advanced Technologies and

**Project Dates:** 08/18/09 - 01/31/12  
**Direct:** $45,804

**Freeman, Linnea**

**Principal Investigator**

**Damaging Effects of a Saturated Fat/Cholesterol Diet to the Brain**

**Sponsor:** NIH/NIA  
**Award:** F31 AG033482-01A1 (09080622)

**Project Dates:** 09/30/09 - 09/29/11  
**F & A:** 0

**Giglio, Pierre**

**Principal Investigator**

**BIBW 2992 with or without Daily Temozolomide in the Treatment of Patients with Recurrent Malignant Glioma**

**Sponsor:** PPD Development  
**Award:** NU 07C3 (09090416)

**Project Dates:** 08/01/09 - 09/27/09  
**Direct:** $31,376

**Advances in the Meeting of Glioblastoma**

**Sponsor:** Genentech, Inc.  
**Award:** 011303 (09063089)

**Project Dates:** 08/01/09 - 09/27/09  
**Direct:** $3,000

**Open-Label, Dose Confirmation and Dosimetry Study of Interstitial 131I-chTNT-1/B MAb (Cotara) for the Treatment of Glioblastoma Multiforme (GBM) at First Relapse**

**PI:** Sunil Patel  
**Sponsor:** Peregrine Pharmaceuticals  
**Award:** PPHM 0503 (09121704-1)

**Granholm, Ann-Charlotte**

**Principal Investigator**

**Dual-Hit Hypothesis for Aging Related DA Dysfunction - Administrative Supplement**

**Sponsor:** NIH/NIA  
**Award:** P01 AG023630-05 (09043068)

**Project Dates:** 04/01/94 - 06/30/11  
**Direct:** $77,096

**Pharmacological Correlates of Aging in Brain Cell Grafts - Project #4: Aminergic Function in Brain Aging and Alzheimer's Disease**

**Sponsor:** Univ. of South Florida  
**Award:** R01 AG012122-14 (09070759)

**Project Dates:** 07/15/09 - 06/30/10  
**Direct:** $175,567
Granholm, Ann-Charlotte  Principal Investigator  
**Aging Research Day 2010: Unbuckling the Stroke Belt**  
Sponsor: Boehringer Ingelheim Pharmaceuticals  
Award: ME200911689 (10011393)  
Budget Dates: 01/01/10 - 06/30/10  
Direct: $ 10,000  

Gudz, Tatyana  Principal Investigator  
**Mitochondrial Ceramide in TBI**  
Sponsor: VAMC  
Award: (09102971)  
Project Dates: 10/01/09 - 09/30/12  
F & A: 0  

Halford, Jonathan  Principal Investigator  
**A Double-Blind, Placebo-Controlled, Dose-Escalation, Parallel-Group Study to Evaluate the Efficacy and Safety of E2007 (Preampanel) Given as Adjunctive Therapy in Subjects with Refractory Partial Seizures**  
Sponsor: PPD Development  
Award: E2007-G000-304 (08052311)  
Project Dates: 05/07/08 - 10/31/10  
F & A: 575  

**A 14-Month, Open-Label, Extension Phase of the Double-Blind, Placebo-Controlled, Dose-Escalation, Parallel-Group Studies to Evaluate the Efficacy and Safety of E2007 (Preampanel) Given as Adjunctive Therapy in Subjects with Refractory Partial Seizures**  
Sponsor: PPD Development  
Award: E2007-G000-307 (08052312)  
Project Dates: 05/07/08 - 10/31/11  
F & A: 43,712  

**Supplemental OLRT Data Collection**  
Sponsor: Optima Neuroscience, Inc.  
Award: OPT-002-MUSC (10021724)  
Project Dates: 04/01/09 - 03/31/11  
F & A: 9,000  

Hinson, Vanessa  Principal Investigator  
**Parkinson's Disease Neuroprotection Clinical Trial Center**  
Sponsor: NIH/NINDS  
Award: 5 U10 NS053372-04 (09012363)  
Project Dates: 05/17/06 - 11/30/10  
F & A: 5,694  

**CD Probe - Cervical Dystonia - Patient Registry for Observation of BOTOX Efficacy**  
Sponsor: Allergan, Inc.  
Award: MedAff BTX-0718 (09030936)  
Project Dates: 04/01/09 - 03/31/11  
F & A: 1,866  

**A Study To Evaluate the Safety and Efficacy of IPX066 in Advanced Parkinson's Disease**  
Sponsor: Pharmaceutical Research Associates  
Award: IPX066-B09-02 (09100990)  
Project Dates: 11/04/09 - 11/03/12  
F & A: 21,542  

Jayanthi, Lankupalle  Principal Investigator  
**Norepinephrine Transport Regulation by Phosphorylation**  
Sponsor: NIH/NIGMS  
Award: 3 R01 GM081054-03S1 (09042281)  
Project Dates: 09/30/09 - 08/31/11  
F & A: 0  

**Norepinephrine Transport Regulation by Phosphorylation**  
Sponsor: NIH/NIGMS  
Award: 5 R01 GM081054-04 (09121695)  
Project Dates: 02/01/10 - 01/31/12  
F & A: 68,765  

Co-Investigator  
**Serotonin Transporter Phosphorylation**  
PI: Sammanda Ramamoorthy  
Dept: Neurosciences  
Sponsor: NIH/NIMH  
Award: 5 R01 MH062612-08 (10021609-1)  

Total: $ 212,500
### Johnson, Kevin

**Co-Investigator**

*Using Neuroimaging, Quantitative EEG and Genetics to Diagnose Depression*

**PI:** Ziad Nahas  
**Sponsor:** Hope for Depression Research  
**Total:** $50,000

**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 9-008 (08082838-2)

**The Impact of Real-Time fMRI Feedback on Response to Nicotine Cues**

**PI:** Kathleen Brady  
**Sponsor:** NIH/NIDA  
**Total:** $173,001

**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 5 R21 DA026085-02 (09051574-1)

### Kalivas, Peter

**Principal Investigator**

**Faculty Recruitment into Neurobiology of Addiction Research Center (NARC)**

**Sponsor:** NIH/NIDA  
**Budget Dates:** 09/30/09 - 08/31/10  
**Direct:** $495,710

**Award:** 1 P30 DA028811-01 (09052760)

**Research Core Center--Neuroplasticity of Alcohol Addiction**

**Sponsor:** NIH/NIAAA  
**Budget Dates:** 09/30/09 - 08/31/11  
**Direct:** $85,119

**Award:** 1 P30 AA019362-01 (09052761)

**Cocaine, Opioids and Drug Abuse**

**Sponsor:** NIH/NIDA  
**Budget Dates:** 08/01/09 - 07/31/10  
**Direct:** $110,673

**Award:** 5 R37 DA003906-26 (09060945)

**NAC-1 A Cocaine Regulated MRNA in the Rat Brain**

**Sponsor:** Univ. of Pennsylvania  
**Budget Dates:** 09/01/09 - 08/31/10  
**Direct:** $66,761

**Award:** 548905/R01 DA011809-08A2 (09070229)

**Glutamate and Craving for Cocaine**

**Sponsor:** NIH/NIDA  
**Budget Dates:** 02/10/00 - 03/31/15  
**Direct:** $100,938

**Award:** 2 R01 DA012513-11 (09071086)

**Neurobiology of Addiction Center**

**Sponsor:** NIH/NIDA  
**Budget Dates:** 08/01/09 - 07/31/10  
**Direct:** $395,532

**Award:** 5 P50 DA015369-01 (09052761)

**Co-PI or Project Leader**

**Translational Research in Addiction Center (TRAC) Year 04:**  
**Project 1**

**PI:** Ronald See  
**Sponsor:** NIH/NIDA  
**Total:** $69,852

**Dept:** Neurosciences  
**Award:** 5 P20 DA022658-04 (09110437-3)

**Co-Investigator**

**Alcohol Research Center - Treatment and Implications (Research Component 2)**

**PI:** Carrie Randall  
**Sponsor:** NIH/NIAAA  
**Total:** $150,136

**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 5 P50 AA010761-15 (09102247-5)

### Kara, Prakash

**Principal Investigator**

**Depth Perception Coding in Complete Cortical Microcircuits**

**Sponsor:** Whitehall Foundation  
**Budget Dates:** 08/01/09 - 07/31/10  
**Direct:** $70,480

**Award:** 2007-08-107 (09081957)

**Development and Plasticity of Functional Micro-Organization of the Visual Cortex**

**Sponsor:** NIH/NEI  
**Budget Dates:** 07/01/07 - 05/31/13  
**Direct:** $113,850

**Award:** 5 R01 EY017925-04 (10041513)

### Kindy, Mark

**Principal Investigator**

**Therapeutic Intervention in Cervical Spinal Cord Injury**

**Sponsor:** VAMC  
**Budget Dates:** 10/01/09 - 09/30/10  
**Direct:** $125,000

**Award:** (07063037)

**Pesticides, Paraoxonase and Alzheimer's Disease**

**Sponsor:** NIH/NEHS  
**Budget Dates:** 09/17/09 - 06/30/10  
**Direct:** $275,000

**Award:** 1 R01 ES016774-01A1 (08090466)

**Lowcountry Partnership for Biomedical Innovation**

**Sponsor:** Coll. of Charleston  
**Budget Dates:** 05/01/10 - 06/30/11  
**Direct:** $235,200

**Award:** IIP-0917987 (10030930)

**Complement and Traumatic Brain Injury**

**Sponsor:** VAMC  
**Budget Dates:** 05/01/10 - 06/30/11  
**Direct:** $0

**Award:** (10051963)
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<th>Role</th>
<th>Project Title</th>
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<th>Budget Dates or Direct F &amp; A</th>
<th>Total</th>
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<td>Kindy, Mark</td>
<td>Co-Investigator</td>
<td>Controlling Complement in Cerebral Ischemic Injury</td>
<td>NIH/NHLBI</td>
<td>07/01/09 - 06/30/11</td>
<td>$218,475</td>
<td>Division of Basic Sciences</td>
<td>Award: 5 R01 HL082485-05 (09113015-1)</td>
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<td>Knackstedt, Lori</td>
<td>Principal Investigator</td>
<td>Striatal Glutamate Homeostasis and Cocaine Relapse</td>
<td>NIH/NIDA</td>
<td>Project Dates: 09/15/08 - 06/30/11</td>
<td>$218,475</td>
<td>Psychiatry and Behavioral Sciences</td>
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<td>Kroener, Sven</td>
<td>Principal Investigator</td>
<td>Effects of Chronic Alcohol Exposure on Synaptic Plasticity in the Prefrontal Cortex</td>
<td>NIH/NIAAA</td>
<td>Project Dates: 09/01/09 - 05/14/10</td>
<td>$128,185</td>
<td>Psychiatry and Behavioral Sciences</td>
<td>Award: 5 P21 AA017527-01A2 (08110769) F: $150,000 A: $71,250</td>
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<td>Alcohol Research Center - Treatment and Implications (Research Component 4)</td>
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<td>Chronic Ethanol and SK2 Potassium Channels</td>
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<td>Neurosciences</td>
<td>Award: 1 K99 AA017922-01A1 (08110559-1)</td>
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<td>LaLumiere, Ryan</td>
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<td>Infralimbic Cortex Regulation of Memory Consolidation of Extinction of Cocaine Self-Administration</td>
<td>NIH/NIDA</td>
<td>Project Dates: 06/01/09 - 05/31/11</td>
<td>$128,652</td>
<td>Psychiatry and Behavioral Sciences</td>
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<td>Lackland, Daniel</td>
<td>Principal Investigator</td>
<td>Etiology of Geographic and Racial Differences in Stroke</td>
<td>Unv. of Alabama, Birmingham</td>
<td>Project Dates: 04/01/08 - 11/30/12</td>
<td>$153,945</td>
<td>Medicine</td>
<td>Award: 5 R21 AA017527-01A2 (08110769) F: $150,000 A: $71,250</td>
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<td>Employee Health Surveillance Reporting System (EHSRS)</td>
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<td>Prevention of Stroke after STOP (Post-STOP)</td>
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<td>REACH U.S. Southeastern African American Center of Excellence for Elimination of Disparities</td>
<td>CDC</td>
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<td>$723,475</td>
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<td>Southeastern Predoctoral Training in Clinical Research (SPTCR): Administrative Core</td>
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<td>$68,008</td>
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<td>Demographic Differences in the Treatment and Control of Glucose in Type 2 Diabetic Patients: Implications for Health Care Practice and Policy</td>
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<td>$64,200</td>
<td>Medicine</td>
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<td>Time and Number of Visits to Control from Initiation of Therapy in Patients with Untreated, Uncontrolled Hypertension</td>
<td>Novartis Corp.</td>
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<td>$77,500</td>
<td>Medicine</td>
<td>Award: PO 65238086 (10012769-1)</td>
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**Lackland, Daniel**

**Other**

MUSC Minority Student Development Program

PI: Cynthia Wright  
Sponsor: NIH/NIGMS  
Total: $ 298,496  
Dept: Division of Basic Sciences  
Award: 5 R25 GM072643-06 (10031143-1)

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**Lavin, Antonieta**

**Principal Investigator**

**Effects of Repetitive Cocaine Administration in Activity of Cortical Interneurons**

Sponsor: NIH/NIDA  
Award: 5 R01 DA014698-07 (09042841)  
Budget Dates: 07/01/09 - 06/30/10  
Project Dates: 07/01/01 - 06/30/12  
Direct: $ 200,000  
F & A: $ 92,000

---

**Neuropsychiatric Phenomics**

Sponsor: Univ. of California, Los Angeles  
Award: 2000GJM202/RL1MH083269 (09072350)  
Budget Dates: 07/01/09 - 06/30/10  
Project Dates: 09/29/07 - 06/30/12  
Direct: $ 33,183  
F & A: $ 15,264

---

**Lazaridis, Christos**

**Principal Investigator**

**The ACCELERATE Trial: The Evaluation of Patients with Acute Hypertension and Intracerebral Hemorrhage with Intravenous Clevidipine Treatment**

Sponsor: The Medicines Co.  
Award: TMC-CLV-07-02 (09032303)  
Budget Dates: 03/30/09 - 09/30/10  
Direct: $ 8,000  
F & A: $ 2,000

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**Mahler, Stephen**

**Principal Investigator**

**VTA Glutamate and Orexin Involvement in Cue Reinstatement of Drug Seeking**

Sponsor: NIH/NIDA  
Award: 1 F32 DA026692-01A1 (09050601)  
Budget Dates: 03/30/09 - 09/30/10  
Project Dates: 01/25/10 - 01/24/11  
Direct: $ 45,590  
F & A: $ 0

---

**McGinty, Jacqueline**

**Principal Investigator**

**Drug Abuse Training Grant**

Sponsor: NIH/NIDA  
Award: 5 T32 DA007288-18 (09040374)  
Budget Dates: 04/01/10 - 03/31/11  
Project Dates: 04/25/07 - 03/31/12  
Direct: $ 194,040  
F & A: $ 89,258

---

**Mintzer, Jacobo**

**Principal Investigator**

**Apathy in Alzheimer’s Disease Methylenidate Trial**

Sponsor: NIH/NIA  
Award: 1 R01 AG033032-01 (08013167)  
Budget Dates: 03/09/09 - 08/31/10  
Project Dates: 03/09/09 - 08/31/11  
Direct: $ 659,693  
F & A: $ 80,726

---

**A Double-Blind, Placebo-Controlled, Randomized, Multi-Center Study Evaluating the Efficacy and Safety of Eighteen Months of Treatment with PF-04494700 (TTP488) in Participants with Mild-to-Moderate Alzheimer’s Disease**

Sponsor: Univ. of California, San Diego  
Budget Dates: 03/03/08 - 12/10/11  
Direct: $ 28,903
Mintzer, Jacobo

**Principal Investigator**

**Award:** B 0341002 (08022836)  
**Project Dates:** 03/03/08 - 12/10/11  
**F & A:** 7,226

**A Randomized, Double-Blind, Placebo-Controlled, Two Dose-Arm, Add-On Study of the Effectiveness of Immune Globulin Intravenous (Human), 10% (IVIG, 10%) for the Treatment of Mild to Moderate Alzheimer’s Disease**

**Sponsor:** Univ. of California, San Diego  
**Budget Dates:** 10/29/08 - 10/28/11  
**Direct:** $4,800

**Citalopram Treatment for Agitation in Alzheimer’s Disease - Administrative Supplement**

**Sponsor:** Johns Hopkins Univ.  
**Budget Dates:** 09/15/09 - 08/31/11  
**Direct:** $20,000

**Effect of LY2062430, an Anti-Amyloid Beta Monoclonal Antibody, on the Progression of Alzheimer’s Disease as Compared with Placebo**

**Sponsor:** Quintiles Pacific, Inc.  
**Budget Dates:** 07/30/09 - 07/29/11  
**Direct:** $603,659

**An Open-Label Extension to the B1451027 Protocol to Evaluate the Long-Term Safety and Tolerability of Dimebon (PF-01913539) in Patients with Alzheimer’s Disease**

**Sponsor:** INC Research, Inc.  
**Budget Dates:** 09/18/09 - 08/31/10  
**Direct:** $20,330
Papamitsakis, Nikolaos

**Principal Investigator**

**CD-0125: Safety and Efficacy of NeuroFlo Technology in Ischemic Stroke**

Sponsor: Coaxia, Inc.  
Award: CD-0125 (07070234)

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<th>Budget Dates: 06/13/07 - 09/30/10</th>
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**Co-Investigator**

**A Multi-Center, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Safety and Efficacy of SCH 530348 in Addition to Standard Care in Subjects with a History of Atherosclerotic Disease: Thrombin Receptor Antagonist in Secondary Prevention of Atherothrombotic Ischemic Events (TRA 2)-TIMI 50**

Pl: James Thomas  
Sponsor: Schering-Plough Research

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<th>Budget Dates: 06/13/07 - 09/30/10</th>
<th>Direct: $467,882</th>
<th>F &amp; A: $116,221</th>
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Pappolla, Miguel

**Principal Investigator**

**A Pilot Trial of Long-Term Melatonin in AD**

Sponsor: Alzheimers Assoc.  
Award: (09111996)

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<th>Budget Dates: 11/01/09 - 10/31/10</th>
<th>Direct: $97,766</th>
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Patel, Sunil

**Principal Investigator**

**Open-Label, Dose Confirmation and Dosimetry Study of Interstitial 131I-chTNT-1/B MAb (Cotara) for the Treatment of Glioblastoma Multiforme (GBM) at First Relapse**

Sponsor: Peregrine Pharmaceuticals  
Award: PPHM 0503 (09121704)

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<th>Budget Dates: 01/07/10 - 01/06/11</th>
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**Co-Investigator**

**A Phase III Study of Intraventricular DepoCyt (Orphan Drug Designation 06-2348) in Patients with Recurrent Glioblastoma**

Pl: Bruce Frankel  
Sponsor: FDA

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<th>Total: $105,765</th>
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Pava, Matthew

**Principal Investigator**

**Chronic Ethanol’s Effects on Endocannabinoid Modulation of Neocortical Up-States**

Sponsor: NIH/NIAAA  
Award: 1 F31 AA018908-01 (09030306)

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<th>Budget Dates: 09/18/09 - 09/17/10</th>
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Ramamoorthy, Samman

**Principal Investigator**

**Serotonin Transporter Phosphorylation**

Sponsor: NIH/NIMH  
Award: 5 R01 MH062612-08 (10021609)

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<th>Budget Dates: 12/01/00 - 03/31/12</th>
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**Co-Investigator**

**Norepinephrine Transport Regulation by Phosphorylation**

Pl: Lankupalle Jayanthi  
Sponsor: NIH/NIGMS

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<th>Total: $149,490</th>
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Reichel, Carmela

**Principal Investigator**

**Reversal of Methamphetamine Induced Cognitive Deficits and mGlu Receptors**

Sponsor: NIH/NIDA  
Award: 1 F32 DA029344-01 (09080401)

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Reissner, Kathryn

**Principal Investigator**

**Cytoskeletal Mechanism of Cocaine-Induced Neuroplasticity**

Sponsor: NIH/NIDA  
Award: 5 F32 DA026254-02 (09120742)

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Riegel, Jr., Arthur

**Principal Investigator**

**Cellular Mechanisms Regulating VTA Dopamine Neurons**

Sponsor: NIH/NIDA  
Award: 5 K01 DA020751-05 (09085011)

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**Co-PI or Project Leader**

**Faculty Recruitment into Neurobiology of Addiction Research Center (NARC)**

Pl: Peter Kalivas  
Sponsor: NIH/NIDA

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<th>Total: $495,710</th>
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Salak, Vicky

Co-Investigator
Parkinson's Disease Neuroprotection Clinical Trial Center
PI: Vanessa Hinson Sponsor: NIH/NINDS Total: $12,378
Dept: Neurosciences Award: 5 U10 NS053372-04 (09012363-2)

CD Probe - Cervical Dystonia - Patient Registry for Observation of BOTOX Efficacy
PI: Vanessa Hinson Sponsor: Allergan, Inc. Total: $7,464
Dept: Neurosciences Award: MedAff BTX-0718 (09030936-2)

Other
Parkinson's Disease Neuroprotection Clinical Trial Center
PI: Vanessa Hinson Sponsor: NIH/NINDS Total: $39,851
Dept: Neurosciences Award: 5 U01 NS053372-05 (09101624-1)

Samanta Ray, Supriti

Co-Investigator
Extra-Nigral Neurodegeneration in Experimental Parkinson's Disease
PI: Naren Banik Sponsor: NIH/NINDS Total: $232,985
Dept: Neurosciences Award: 1 R01 NS062327-01A2 (09030413-1)

Role of Proteinase in Spinal Cord Injury
PI: Naren Banik Sponsor: NIH/NINDS Total: $216,563
Dept: Neurosciences Award: 5 R01 NS031622-16 (10041619-1)

Sambamurti, Kumar

Co-Investigator
An Animal Model for Age-Related Degeneration
PI: Ann-Charlotte Granholm Sponsor: NIH/NIA Total: $175,567
Dept: Neurosciences Award: 5 R01 AG012122-14 (09070759-1)

Schwendt, Marek

Principal Investigator
Striatal RGS4 Interacts with mGluR5 Signaling in Relapse to Cocaine Seeking
Sponsor: NIH/NIDA Budget Dates: 02/15/10 - 01/31/11 Direct: $150,000
Award: 1 R21 DA025846-01A1 (09031673) Project Dates: 02/15/10 - 01/31/12 F & A: 71,250

The Role of Pick 1 in Altered Protein Trafficking and Behavioral Plasticity Resulting from Chronic Methamphetamine Self-Administration
Sponsor: NARSAD Budget Dates: 01/01/10 - 12/31/10 Direct: $30,000
Award: (09112301) Project Dates: 01/01/10 - 12/31/11 F & A: 0

Co-Investigator
Neurobiology of Addiction Center: Project 2
PI: Peter Kalivas Sponsor: NIH/NIDA Total: $121,856
Dept: Neurosciences Award: 5 P50 DA015369-08 (09110437)

See, Ronald

Principal Investigator
Translational Research in Methamphetamine Addiction Conference
Sponsor: NIH/NIDA Budget Dates: 02/15/10 - 01/31/11 Direct: $25,000
Award: 1 R13 DA025241-01A1 (09040273) Project Dates: 02/15/10 - 01/31/11 F & A: 0

Interdisciplinary Medication Development for Multiple Risk Factors in Relapse
Sponsor: NIH/NIDA Budget Dates: 07/01/09 - 06/30/10 Direct: $249,411
Award: 5 R01 DA021690-03 (09050826) Project Dates: 09/30/09 - 06/30/12 F & A: 108,289

Striatal Mechanisms of Relapse to Cocaine Seeking
Sponsor: NIH/NIDA Budget Dates: 12/01/09 - 11/30/10 Direct: $198,000
Award: 5 R01 DA010462-13 (09101311) Project Dates: 04/10/97 - 11/30/12 F & A: 91,080

Translational Research in Addiction Center (TRAC) Year 04
Sponsor: NIH/NIDA Budget Dates: 09/01/09 - 08/31/10 Direct: $549,430
Award: 5 P20 DA022658-04 (09110437) Project Dates: 09/30/06 - 08/31/10 F & A: 202,946

Co-PI or Project Leader
ORWH: SCOR on Sex and Gender Factors Affecting Womens Health (Project 1)
PI: Kathleen Brady Sponsor: NIH/NIDA Total: $143,616
Dept: Psychiatry and Behavioral Sciences Award: 5 P50 DA016511-08 (09071076-2)

Neurobiology of Addiction Center: Core B
PI: Peter Kalivas Sponsor: NIH/NIDA Total: $254,404
Dept: Neurosciences Award: 5 P50 DA015369-08 (10030304-3)
## See, Ronald

**Co-PI or Project Leader**

- **Neurobiology of Addiction Center: Project 4**
  - PI: Peter Kalivas
  - Dept: Neurosciences
  - Sponsor: NIH/NIDA
  - Total: $71,090
  - Award: 5 P50 DA015369-08 (10030304-8)

**Co-Investigator**

- **ORWH: SCOR on Sex and Gender Factors Affecting Women's Health (Administrative)**
  - PI: Kathleen Brady
  - Dept: Psychiatry and Behavioral Sciences
  - Sponsor: NIH/NIDA
  - Total: $133,299
  - Award: 5 P50 DA016511-08 (09071076-5)

## Shen, Haowei

**Co-Investigator**

- **Neurobiology of Addiction Center: Project 1**
  - PI: Peter Kalivas
  - Dept: Neurosciences
  - Sponsor: NIH/NIDA
  - Total: $127,449
  - Award: 5 P50 DA015369-08 (10030304-5)

## Smith, Amena

**Principal Investigator**

- **Role of Calpain in the Pathogenesis of Experimental Optic Neuritis**
  - Sponsor: NIH/NEI
  - Budget Dates: 12/01/09 - 11/30/10
  - Direct: $31,929
  - Award: 5 F31 EY019457-02 (09100145)
  - Project Dates: 12/01/08 - 08/01/11
  - F & A: 0

## Smothers, Corigan

**Co-Investigator**

- **Neural Actions of Toluene**
  - PI: John Woodward
  - Dept: Neurosciences
  - Sponsor: NIH/NIDA
  - Total: $214,076
  - Award: 5 R01 DA013951-07 (09111056-1)

## Takacs, Istvan

**Principal Investigator**

- **EVIDENCE: Reoperation vs. Spinal Cord Stimulation with Precision SCS System for Failed Back Surgery Syndrome**
  - Sponsor: Boston Scientific Corp.
  - Budget Dates: 02/18/10 - 08/31/13
  - Direct: $55,383
  - Award: EVIDENCE (10030290)
  - Project Dates: 02/18/10 - 08/31/13
  - F & A: 13,096

## Tranatham, Heather

**Principal Investigator**

- **Serotonin Modulation of Orbital Cortex GABA Interneurons**
  - Sponsor: NIH/NIMH
  - Budget Dates: 08/01/09 - 07/31/11
  - Direct: $112,500
  - Award: 5 R21 MH080774-02 (09062447)
  - Project Dates: 08/01/08 - 07/31/11
  - F & A: 53,438

## Tumminello, Paola

**Co-PI or Project Leader**

- **Randomized, Placebo-Controlled Study of the Pillar Palatal Implant System with CPAP Clinical Study**
  - PI: M. Gillespie
  - Dept: Otolaryngology
  - Sponsor: Restore Medical, Inc.
  - Total: $515
  - Award: 845 (07032819-2)

## Turan, Tanya

**Co-Investigator**

- **SAMMPRIS (Stenting vs. Aggressive Medical Management for Preventing Recurrent Stroke in Intracranial Stenosis)**
  - PI: Marc Chimowitz
  - Dept: Neurosciences
  - Sponsor: NIH/NINDS
  - Total: $3,797,173
  - Award: 5 U01 NS058728-03 (10030299-1)

## Turner, Raymond

**Principal Investigator**

- **Test Protocol: Non-GLP Evaluation of IRIIS OptiCell and OptiCell-Plus in Swine with a Simulated Thrombotic Model**
  - Sponsor: MindFrame, Inc.
  - Budget Dates: 03/01/10 - 04/30/10
  - Direct: $25,658
  - Award: (10030933)
  - Project Dates: 03/01/10 - 04/30/10
  - F & A: 12,187

- **Micrus Physician Training Program**
  - Sponsor: Micrus Endovascular Corp.
  - Budget Dates: 05/01/10 - 04/30/11
  - Direct: $104,800
  - Award: Histology Registry (10062842)
  - Project Dates: 05/01/10 - 04/30/11
  - F & A: 26,200

- **Aneurysm Histology Registry**
  - Sponsor: MicroVention, Inc.
  - Budget Dates: 06/01/10 - 09/30/10
  - Direct: $11,716
  - Award: 6-17-10 Training (10060777)
  - Project Dates: 06/01/10 - 09/30/10
  - F & A: 3,691

**Co-Investigator**

- **PAC Large and Giant Aneurysms REGISTRY: Presidio and Cerecyte Coils Evaluation in Large and Giant Aneurysms**
  - PI: Aquilla Turk, III
  - Dept: Radiology
  - Sponsor: Micrus Endovascular Corp.
  - Total: $21,400
  - Award: (09071303-1)
Turner, Raymond

**Co-Investigator**

PAC Large and Giant Aneurysms REGISTRY: Presidio and Cerecyte Coils Evaluation in Large and Giant Aneurysms  
**PI:** Aquilla Turk, III  
**Dept:** Radiology  
**Sponsor:** Micrus Endovascular Corp.  
**Total:** $8,000  
**Award:** (09071303-2)

PAC Large and Giant Aneurysms REGISTRY: Presidio and Cerecyte Coils Evaluation in Large and Giant Aneurysms  
**PI:** Aquilla Turk, III  
**Dept:** Radiology  
**Sponsor:** Micrus Endovascular Corp.  
**Total:** $16,000  
**Award:** (09071303-3)

The START Trial: Clinical Outcome in Acute Stroke Treatment after Image Guided Patient Selection for Interventional Revascularization Therapy  
**PI:** Aquilla Turk, III  
**Dept:** Radiology  
**Sponsor:** Penumbra, Inc.  
**Total:** $84,500  
**Award:** (09071413-1)

Complete Occlusion of Coilable Aneurysms (COCOA) Study  
**PI:** M. Chaudry  
**Dept:** Radiology  
**Sponsor:** Mayo Clinic  
**Total:** $18,760  
**Award:** (10011811-1)

Validation of Dyna-CT Perfusion in Patients with Ischemic Cerebrovascular Disease  
**PI:** Aquilla Turk, III  
**Dept:** Radiology  
**Sponsor:** Siemens Medical Solutions U  
**Total:** $178,316  
**Award:** SMS-AX-35076 (10021828-1)

Validation of Dyna-CT Perfusion in Patients with Severe Ischemic Cerebrovascular Disease  
**PI:** Aquilla Turk, III  
**Dept:** Radiology  
**Sponsor:** Siemens Medical Solutions U  
**Total:** $25,845  
**Award:** SMS-AX-35640 (10021829-1)

Hydrocoil Cerecyte Aneurysm Treatment Trial (H-CAT)  
**PI:** Aquilla Turk, III  
**Dept:** Radiology  
**Sponsor:** Univ. of Virginia  
**Total:** $31,100  
**Award:** UVA 13861 (10022571-1)

In-Vivo Training with Revascularization Technology  
**PI:** Aquilla Turk, III  
**Dept:** Radiology  
**Sponsor:** Micrus Endovascular Corp.  
**Total:** $6,780  
**Award:** June 14 Training (10061121-1)

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Turner, Robert

**Principal Investigator**

**A Prospective, Multi-Center, Double-Blind, Randomized, Placebo-Controlled, Parallel-Group Study to Assess the Efficacy and Safety of Clazosentan in Reducing Vasospasm-Related Morbidity and All-Cause Mortality in Adult Patients with Aneurysmal Subarachnoid Hemorrhage Treated by Endovascular Coiling**  
**Sponsor:** Actelion Pharmaceuticals  
**Budget Dates:** 08/25/09 - 08/24/11  
**Direct:** $607,527  
**Award:** AC-054-302/CONSCIOUS 3 (09080621)  
**Project Dates:** 08/25/09 - 08/24/11  
**F & A:** 151,132

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Walker, Aljoeson

**Principal Investigator**

**Randomized Evaluation of Recurrent Stroke Comparing PFO Closure to Established Current Standard of Care Treatment**  
**Sponsor:** Aga Medical Corp.  
**Budget Dates:** 09/22/04 - 12/31/11  
**Direct:** $86,062  
**Award:** RESPECT (04101301)  
**Project Dates:** 09/22/04 - 12/31/11  
**F & A:** 21,516

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Wang, Chiang

**Co-Investigator**

**A Phase III Study of Intraventricular DepoCyt (Orphan Drug Designation 06-2348) in Patients with Recurrent Glioblastoma**  
**PI:** Bruce Frankel  
**Dept:** Neurosciences  
**Sponsor:** FDA  
**Total:** $105,765  
**Award:** 1 R01 FD003542-01 (08020480-1)

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Whitfield, Jr., Timothy

**Principal Investigator**

**Site and Mechanism of Action of BDNF-Induced Suppression of Cocaine-Seeking**  
**Sponsor:** NIH/NIDA  
**Budget Dates:** 09/25/09 - 09/24/10  
**Direct:** $34,893  
**Award:** 5 F31 DA023743-03 (09083196)  
**Project Dates:** 09/25/07 - 09/24/10  
**F & A:** 0
Wiggins, Armina

Principal Investigator

The Role of Beta Integrins in Cocaine Induced Neuroadaptations and Relapse

Sponsor: NIH/NIDA
Award: 5 F31 DA025458-02 (09050830)

Direct: $ 37,182
F & A: 0

Woodward, John

Principal Investigator

Ethanol Sensitivity of Native and Cloned NMDA Receptors

Sponsor: NIH/NIAAA
Award: 2 R37 AA009986-15A1 (08071082)

Direct: $ 250,000
F & A: 118,750

Ethanol Sensitivity of Native and Cloned NMDA Receptors

Sponsor: NIH/NIAAA
Award: 3 R01 AA009986-14S1 (09040158)

Direct: $ 63,750
F & A: 30,281

Training in Alcohol Research

Sponsor: NIH/NIAAA
Award: 5 T32 AA007474-23 (09110540)

Direct: $ 326,745
F & A: 23,758

Neural Actions of Toluene

Sponsor: NIH/NIDA
Award: 5 R01 DA013951-07 (09111056)

Direct: $ 214,076
F & A: 109,352

Co-PI or Project Leader

Alcohol Research Center - Treatment and Implications (Research Component 4)

PI: Carrie Randall
Dept: Psychiatry and Behavioral Sciences
Sponsor: NIH/NIAAA
Award: 5 P50 AA010761-15 (09102247-7)
Total: $ 128,185

Alcohol Research Center - Treatment and Implications (Pilot)

PI: Carrie Randall
Dept: Psychiatry and Behavioral Sciences
Sponsor: NIH/NIAAA
Award: 5 P50 AA010761-15 (09102247-9)
Total: $ 118,214

Mentor

Chronic Ethanol's Effects on Endocannabinoid Modulation of Neocortical Up-States

PI: Matthew Pava
Dept: Neurosciences
Sponsor: NIH/NIAAA
Award: 1 F31 AA016908-01 (09033038-1)
Total: $ 38,548

Significant Contributor

Chronic Ethanol and SK2 Potassium Channels

PI: Patrick Mulholland
Dept: Neurosciences
Sponsor: NIH/NIAAA
Award: 1 K99 AA017922-01A1 (08110559-1)
Total: $ 128,652

Obstetrics and Gynecology

Alanis, Mark

Principal Investigator

Risk of Neuroinflammation and Programmed Cognitive Impairment as a Result of In Utero Exposure to Trans-Unsaturated Fatty Acids Through Maternal Diet

Sponsor: Soc. for Maternal-Fetal Medicine
Award: (09071520)

Direct: $ 50,000
F & A: 0

Fish Consumption in Pregnancy

Sponsor: Soc. for Maternal-Fetal Medicine
Award: (09082582)

Direct: $ 5,000
F & A: 0

Carter, James

Principal Investigator

Ethicon Educational Grant: Carter Pig Lab and Suturing Class

Sponsor: Ethicon
Award: Educational Grant (10062533)

Direct: $ 4,600
F & A: 0

Co-Investigator

A 12-Week, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Multi-Center Trial to Evaluate the Efficacy and Safety of Fesoterodine Flexible Dose Regimen in Vulnerable Elderly Patients with Overactive Bladder

PI: Steven Swift
Dept: Obstetrics and Gynecology
Sponsor: Icon Clinical Research, Inc.
Award: A0221049 (09082583-1)
Total: $ 29,242
Chang, Eugene

**Principal Investigator**

**The CHIPS (Control of Hypertension In Pregnancy Study) Trial**

Sponsor: Univ. of British Columbia

Award: (09080618)

**Budget Dates:** 09/03/09 - 09/02/11

**Direct:** $19,859

**Project Dates:** 09/03/09 - 10/31/14

**F & A:** 0

Creasman, William

**Principal Investigator**

**A Randomized, Double-Blind, Placebo-Controlled Study of the Efficacy and Safety of MORAb-003 (farletuzumab) in Combination with Paclitaxel Therapy in Subjects with Platinum-Resistant or Refractory Relapsed Ovarian Cancer**

Sponsor: Morphoteck, Inc.

Award: MORAb-003-003PR (09070118)

**Budget Dates:** 06/29/09 - 07/31/14

**Direct:** $1,829

**Project Dates:** 06/29/09 - 07/31/14

**F & A:** 457

**Award:** MORAb-003-003 (09090423)

**Project Dates:** 09/14/09 - 09/13/14

**F & A:** 101,791

Darnell, Christopher

**Principal Investigator**

**Using Telemedicine to Improve Perinatal Care in South Carolina**

Sponsor: March of Dimes/SC Chapter

Award: (08090360)

**Budget Dates:** 01/01/09 - 12/31/09

**Direct:** $1,500

**Project Dates:** 01/01/09 - 12/31/09

**F & A:** 0

Dempsey-Fanning, Ange

**Principal Investigator**

**Post Fellowship Salary Support**

Sponsor: Susan Thompson Buffet Fdn.

Award: 792 (08081918)

**Budget Dates:** 08/11/09 - 08/10/10

**Direct:** $38,130

**Project Dates:** 08/11/09 - 08/10/10

**F & A:** 0

Kenneth J. Ryan Residency Training Program

Sponsor: MUSC Fdn.

Award: 909 (09072037)

**Budget Dates:** 07/01/09 - 06/30/11

**Direct:** $411,663

**Project Dates:** 07/01/09 - 06/30/11

**F & A:** 101,791

Fylstra, Donald

**Principal Investigator**

**A Double-Blind, Randomized, Placebo and Active-Controlled Efficacy and Safety Study of the Effects of Bazedoxifene/Conjugated Estrogens Combinations on Endometrial Hyperplasia and Prevention of Osteoporosis in Postmenopausal Women**

Sponsor: Wyeth, Inc.

Award: 3115A1-3307-WW (09061717)

**Budget Dates:** 07/06/09 - 07/05/12

**Direct:** $163,576

**Project Dates:** 07/06/09 - 07/05/12

**F & A:** 40,144

Johnson, Donna

**Principal Investigator**

**Assay R and D Preeclampsia Sample Collection Protocol**

Sponsor: Ortho-Clinical Diagnostics

Award: PEP-P024 (07082128)

**Budget Dates:** 10/05/07 - 05/31/09

**Direct:** $900

**Project Dates:** 10/05/07 - 05/31/09

**F & A:** 225

Co-PI or Project Leader

**Using Telemedicine to Improve Perinatal Care in South Carolina**

PI: Christopher Darnell

Dept: Obstetrics and Gynecology

**Award:** (08090360-2)

Total: $1,500

Co-Investigator

**Noninvasive Screening for Fetal Aneuploidy: A New Maternal Plasma Marker**

PI: Christopher Robinson

Dept: Obstetrics and Gynecology

**Award:** SQNM-T21-202 (09092281-1)

Total: $85,542

Pre-Eclampsia Triage by Rapid Assay (PETRA) of Novel Biomarkers of Placental Function and Maternal Adaptation

PI: Christopher Robinson

Dept: Obstetrics and Gynecology

**Award:** BSTE-1002 PETRA (10043066-1)

Total: $116,689
Johnson, Donna  
**Co-Investigator**  
**Sample Collection Study for the Assessment of Novel Biomarkers of Placental Function and Maternal Adaptation in Healthy Pregnant Women without Pre-Eclampsia**  
*PI: Christopher Robinson  
Sponsor: Biosite, Inc.  
Total: $23,944*

Dept: Obstetrics and Gynecology  
Award: BSTE-1003 NORMALS (10043068-1)

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Lazenby, Gweneth  
**Principal Investigator**  
**A Clinical Correlation of Vaginal Leukorrhea to the Diagnosis of Trichomons Vaginalis**  
*Sponsor: Gen-Probe Inc.  
Budget Dates: 07/14/09 - 07/14/11  
Direct: $21,900*

Dept: Obstetrics and Gynecology  
Award: 09072872

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Mauldin, Jill  
**Co-Investigator**  
**A Study of Multivalent Human Papillomavirus (HPV) Given to Females Who Have Previously Received GARDASIL**  
*Pl: David Soper  
Sponsor: Merck  
Total: $44,569*

Dept: Obstetrics and Gynecology  
Award: V503-006 (09121706-1)

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Newman, Roger  
**Principal Investigator**  
**The National Standard for Normal Fetal Growth**  
*Sponsor: NIH/NICHD  
Budget Dates: 09/26/08 - 09/25/10  
Direct: $364,768*

Dept: Obstetrics and Gynecology  
Award: HHSN275200800014C (08030559)

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Rittenberg, Charles  
**Principal Investigator**  
**Progesterone Outreach Program 2010**  
*Sponsor: March of Dimes/SC Chapter  
Budget Dates: 03/01/10 - 02/28/11  
Direct: $63,207*

Dept: Obstetrics and Gynecology  
Award: (09090417)

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Robinson, Christopher  
**Principal Investigator**  
**Noninvasive Screening for Fetal Aneuploidy: A New Maternal Plasma Marker**  
*Sponsor: Sequenom  
Budget Dates: 10/08/09 - 10/07/11  
Direct: $85,542*

Dept: Obstetrics and Gynecology  
Award: SQNM-T21-202 (09092281)

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**Pre-Eclampsia Triage by Rapid Assay (PETRA) of Novel Biomarkers of Placental Function and Maternal Adaptation**  
*Sponsor: Biosite, Inc.  
Budget Dates: 04/30/10 - 08/31/11  
Direct: $116,689*

Dept: Obstetrics and Gynecology  
Award: BSTE-1002 PETRA (10043066)

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**Sample Collection Study for the Assessment of Novel Biomarkers of Placental Function and Maternal Adaptation in Healthy Pregnant Women without Pre-Eclampsia**  
*Sponsor: Biosite, Inc.  
Budget Dates: 04/30/10 - 08/31/11  
Direct: $23,944*

Dept: Obstetrics and Gynecology  
Award: BSTE-1003 NORMALS (10043068)
Savage, Ashlyn

Co-Investigator
A Multi-Center, Open-Label, Randomized, Controlled Study to Compare the Effects on Bone Mineral Density of DR-105 and a 28-Day Cycle Oral Contraceptive Regimen in Healthy, Postmenarchal, Adolescent Females
PI: Angela Dempsey-Fanning Sponsor: Duramed Research, Inc. Total: $ 212,998
Dept: Obstetrics and Gynecology Award: DR-105-202 (09092271-1)

A Study of Multivalent Human Papillomavirus (HPV) Given to Females Who Have Previously Received GARDASIL
PI: David Soper Sponsor: Merck Total: $ 44,569
Dept: Obstetrics and Gynecology Award: V503-006 (09121706-1)

Soper, David

Principal Investigator
A Study of Multivalent Human Papillomavirus (HPV) Given to Females Who Have Previously Received GARDASIL
Sponsor: Merck Budget Dates: 01/06/10 - 01/05/11 Direct: $ 44,569
Award: V503-006 (09121706) Project Dates: 01/06/10 - 01/05/11 F & A: 10,392

A Multi-Center, Open-Label Study to Evaluate the Efficacy and Safety of a Combination Oral Contraceptive Regimen (DR-103) for the Prevention of Pregnancy in Women
Sponsor: Teva Womens Health Research, Inc. Budget Dates: 01/25/10 - 06/30/11 Direct: $ 164,753
Award: DR-103-301 (10012020) Project Dates: 01/25/10 - 06/30/11 F & A: 40,488

Co-Investigator
A Double-Blind, Randomized, Placebo and Active-Controlled Efficacy and Safety Study of the Effects of Bazedoxifene/Conjugated Estrogens Combinations on Endometrial Hyperplasia and Prevention of Osteoporosis in Postmenopausal Women
PI: Donald Fylstra Sponsor: Wyeth, Inc. Total: $ 163,576
Dept: Obstetrics and Gynecology Award: 3115A1-3307-WW (09061717-1)

A Clinical Correlation of Vaginal Leukorrhea to the Diagnosis of Trichomonas Vaginalis
PI: Gweneth Lazenby Sponsor: Gen-Probe Inc. Total: $ 21,900
Dept: Obstetrics and Gynecology Award: (09072872-1)

Sullivan, Scott

Principal Investigator
Development of a Non-Invasive Test for the Detection of Intra-Amniotic Infection and Preterm Birth in Women Presenting with Active Preterm Labor and Intact Amniotic Membranes
Award: PGX01-OBX0006 (09070750) Project Dates: 07/27/09 - 07/26/10 F & A: 18,313

Swift, Steven

Principal Investigator
A 12-Week, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Multi-Center Trial to Evaluate the Efficacy and Safety of Fesoterodine Flexible Dose Regimen in Vulnerable Elderly Patients with Overactive Bladder
Sponsor: Icon Clinical Research, Inc. Budget Dates: 08/05/09 - 12/31/10 Direct: $ 29,242
Award: A0221049 (09082583) Project Dates: 08/05/09 - 12/31/10 F & A: 6,561

Unal, Elizabeth

Co-Investigator
Development of a Non-Invasive Test for the Detection of Intra-Amniotic Infection and Preterm Birth in Women Presenting with Active Preterm Labor and Intact Amniotic Membranes
PI: Scott Sullivan Sponsor: Proteogenix, Inc. Total: $ 75,750
Dept: Obstetrics and Gynecology Award: PGX01-OBX0006 (09070750-1)

Vandorsten, J.

Principal Investigator
Spaulding-Paolozzi Foundation
Sponsor: Spaulding-Paolozzi Foundation Budget Dates: 06/01/10 - 05/31/11 Direct: $ 29,180
Award: (10040146) Project Dates: 06/01/10 - 05/31/11 F & A: 0
Vandorsten, J.  
**Co-Investigator**  
The National Standard for Normal Fetal Growth  
**PI:** Roger Newman  
**Dept:** Obstetrics and Gynecology  
**Sponsor:** NIH/NICHD  
**Total:** $364,768  
**Award:** HHSN275200800014C (08030559-2)  

Villers, Margaret  
**Co-Investigator**  
A Study of Multivalent Human Papillomavirus (HPV) Given to Females Who Have Previously Received GARDASIL  
**PI:** David Soper  
**Dept:** Obstetrics and Gynecology  
**Sponsor:** Merck  
**Total:** $44,569  
**Award:** V503-006 (09121706-1)  

**Ophthalmology**  
Ablonczy, Zsolt  
**Co-PI or Project Leader**  
Novel Spatial Imaging Techniques for Ocular Retinoids and Retinoid Adducts  
**PI:** Rosalie Crouch  
**Dept:** Ophthalmology  
**Sponsor:** NIH/NEI  
**Total:** $160,812  
**Award:** 1 R21 EY020661-01 (09061277-1)  

**Co-Investigator**  
MAP4 Regulation of Cardiac Microtubule Network Density  
**PI:** George Cooper, IV  
**Dept:** Medicine  
**Sponsor:** NIH/NHLBI  
**Total:** $250,000  
**Award:** 1 R01 HL094545-01A2 (09062977-1)  

Bandyopadhyay, Mausu  
**Other**  
Neurotrophic Factors and Retinal Degeneration  
**PI:** Baerbel Rohrer  
**Dept:** Ophthalmology  
**Sponsor:** Fdn. Fighting Blindness  
**Total:** $60,000  
**Award:** NN-NG-PC-0709-0042-PCAC (09090421-1)  

Black, Robert  
**Co-Investigator**  
Assessment of ACRYSOF II Natural IQ IOL Model SY60WF Properties  
**PI:** Matthew Naultali  
**Dept:** Ophthalmology  
**Sponsor:** Alcon, Inc.  
**Total:** $50,420  
**Award:** C-09-054 (10031765-1)  

Chavis, Pamela  
**Principal Investigator**  
NORDIC Network: Idiopathic Intracranial Hypertension Treatment Trial  
**Sponsor:** St. Lukes Roosevelt Hospital  
**Budget Dates:** 01/29/10 - 01/31/11  
**Direct:** $149,041  
**Award:** 1 U10 EY107281-01A1 (09100150)  

A Randomized, Double-Blind, Placebo-Controlled, Multi-Center Study of the Effects of Glatiramer Acetate (GA) on the Retinal Nerve Fiber Layer (RNFL) and Visual Function in Patients with a First Episode of Acute Optic Neuritis (AON)  
**Sponsor:** Teva Neuroscience  
**Budget Dates:** 12/15/09 - 06/18/10  
**Direct:** $30,171  
**Award:** PMO30 AON (10010555)  

Cole, Kali  
**Co-Investigator**  
Nasolacrimal Duct Obstruction Study (NLD3): A Randomized Trial Comparing Immediate Probing in an Office Setting with Deferred Probing in a Facility Setting for Treatment of Nasolacrimal Duct Obstruction in Children 6 to <10 Months Old  
**PI:** Ronald Teed  
**Dept:** Ophthalmology  
**Sponsor:** Jaeb Center for Health Research  
**Total:** $1,249  
**Award:** U10 EY11751 (08102369-2)  

PEDIG: Nasolacrimal Duct Obstruction Study (NLD3): A Randomized Trial Comparing Immediate Probing in an Office Setting with Deferred Probing in a Facility Setting for Treatment of Nasolacrimal Duct Obstruction in Children 6 to <10 Months Old  
**PI:** Ronald Teed  
**Dept:** Ophthalmology  
**Sponsor:** Jaeb Center for Health Research  
**Total:** $2,715  
**Award:** U10 EY11751 (08102369-3)  

Crosson, Craig  
**Principal Investigator**  
INO-8875: Mechanism of Action  
**Sponsor:** Inotek Pharmaceuticals  
**Budget Dates:** 12/30/08 - 12/31/09  
**Direct:** $23,520  
**Award:** SRA 2386 (09011289)  

Adenosine Agonists: Potential Antiglaucoma Agents  
**Sponsor:** NIH/NEI  
**Budget Dates:** 09/01/09 - 08/31/11  
**Direct:** $94,518  
**Award:** 3 R01 EY009741-17S1 (09061927)  

Medical University of South Carolina
### Crosson, Craig

**Principal Investigator**

**Alcon Outflow Study 3**
- **Sponsor:** Alcon, Inc.
- **Award:** (09092272)
- **Budget Dates:** 08/03/09 - 06/30/10
- **Direct:** $33,898

**Adenosine Agonists: Potential Anti-Glaucoma Agents**
- **Sponsor:** NIH/NEI
- **Award:** 5 R01 EY009741-18 (10022676)
- **Budget Dates:** 03/01/10 - 02/28/11
- **Direct:** $255,510

**Alkermes Compounds and IOP**
- **Sponsor:** Alkermes
- **Award:** Alk-1 (10062298)
- **Budget Dates:** 05/25/10 - 12/31/10
- **Direct:** $32,000

### Crouch, Rosalie

**Principal Investigator**

**Neuron Systems, Inc.**
- **Sponsor:** Neuron Systems, Inc.
- **Award:** Neuron Systems (08060902)
- **Budget Dates:** 03/31/08 - 03/30/11
- **Direct:** $4,690

**Novel Spatial Imaging Techniques for Ocular Retinoids and Retinoid Adducts**
- **Sponsor:** NIH/NEI
- **Award:** 1 R21 EY020661-01 (09061277)
- **Budget Dates:** 04/01/10 - 03/31/11
- **Direct:** $160,812

**The Role of Aquaporin-0 in Lens Development and Aging**
- **Sponsor:** Vanderbilt Univ.
- **Award:** VUMC35317/R01 EY013462-09 (09101421)
- **Budget Dates:** 08/03/08 - 03/31/10
- **Direct:** $45,454

**Synthetic Retinal Pigments and Binding Proteins**
- **Sponsor:** NIH/NEI
- **Award:** 5 R01 EY004939-27 (10020559)
- **Budget Dates:** 08/03/09 - 06/30/10
- **Direct:** $294,808

### Evans, M.

**Principal Investigator**

**NORDIC Network: Idiopathic Intracranial Hypertension Treatment Trial**
- **Sponsor:** St. Lukes Roosevelt Hospital
- **Award:** 1 U10 EY017281-01A1 (09100150-1)
- **Budget Dates:** 08/03/09 - 06/30/10
- **Total:** $149,041

**A Randomized, Double-Blind, Placebo-Controlled, Multi-Center Study of the Effects of Glatiramer Acetate (GA) on the Retinal Nerve Fiber Layer (RNFL) and Visual Function in Patients with a First Episode of Acute Optic Neuritis (AON)**
- **Sponsor:** Teva Neuroscience
- **Award:** PMO30 AON (10010555-1)
- **Budget Dates:** 08/03/09 - 06/30/10
- **Total:** $30,171

### Husain, Shahid

**Principal Investigator**

**Effects of Some Alcon's Compound on MMP Secretion from Human Ciliary Muscle Cells**
- **Sponsor:** Alcon, Inc.
- **Award:** (09081853)
- **Budget Dates:** 08/03/09 - 06/30/10
- **Direct:** $40,000

### Kono, Masahiro

**Principal Investigator**

**Cone Opsin-Ligand Interactions and Photoreceptor Health**
- **Sponsor:** NIH/NEI
- **Award:** 1 R01 EY019515-01 (08060480-1)
- **Budget Dates:** 07/01/09 - 06/30/10
- **Total:** $250,000

**Synthetic Retinal Pigments and Binding Proteins**
- **Sponsor:** NIH/NEI
- **Award:** 5 R01 EY004939-27 (10020559-1)
- **Budget Dates:** 08/03/09 - 06/30/10
- **Total:** $240,323
### Koutalos, Yiannis

**Principal Investigator**

**Transport Processes in Photoreceptors**

- **Sponsor:** NIH/NEI  
- **Award:** 5 R01 EY014850-06 (10011172)  
- **Budget Dates:** 03/01/10 - 02/28/11  
- **Direct:** $222,750
- **Project Dates:** 07/01/09 - 02/28/11  
- **F & A:** $102,465

**Co-Investigator**

**Novel Spatial Imaging Techniques for Ocular Retinoids and Retinoid Adducts**

- **PI:** Rosalie Crouch  
- **Sponsor:** NIH/NEI  
- **Budget Dates:** 03/01/10 - 02/28/11  
- **Direct:** $160,812
- **Project Dates:** 07/01/09 - 02/28/11  
- **F & A:** $11,980

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### Nutaitis, Matthew

**Principal Investigator**

**A Clinical Safety and Efficacy Comparison of Nevanac 0.1% to Vehicle Following Cataract Surgery in Diabetic Retinopathy Patients**

- **Sponsor:** Alcon, Inc.  
- **Budget Dates:** 03/23/09 - 09/22/10  
- **Direct:** $2,400
- **Award:** NEVANAC C-07-43 (09021941)
- **Project Dates:** 03/23/09 - 09/22/10  
- **F & A:** $600

**Assessment of ACRYSOl II Natural IQ IOL Model SY60WF Properties**

- **Sponsor:** Alcon, Inc.  
- **Budget Dates:** 03/01/10 - 03/01/11  
- **Direct:** $200,000
- **Award:** C-09-054 (10031765)
- **Project Dates:** 03/01/10 - 03/01/11  
- **F & A:** $0

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### Peterseim, Mae

**Co-Investigator**

**PEDIG: (IXT2) A Randomized Clinical Trial of Observation versus Occlusion Therapy for Intermittent Extropia**

- **Pl:** Ronald Teed  
- **Sponsor:** Jaeb Center for Health Resea  
- **Total:** $13,640
- **Dept:** Ophthalmology  
- **Award:** U10 EY11751 (10021401-1)

**PEDIG: (IXT1) A Randomized Trial of Bilateral Lateral Rectus Recession versus Unilateral Lateral Rectus Recession with Medial Rectus Recsection for Intermittent Exotropia**

- **Pl:** Ronald Teed  
- **Sponsor:** Jaeb Center for Health Resea  
- **Total:** $18,305
- **Dept:** Ophthalmology  
- **Award:** U10 EY11751 (10021499-1)

---

### Rohrer, Baerbel

**Principal Investigator**

**Retinal Ganglion Cell Apoptosis in Experimental Glaucoma**

- **Sponsor:** Duke Univ.  
- **Budget Dates:** 07/01/09 - 06/30/11  
- **Direct:** $23,885
- **Award:** 163535/155454/148127/1405 (09052018)
- **Project Dates:** 08/01/05 - 06/30/11  
- **F & A:** $10,988

**Neurotrophic Factors and Retinal Degeneration**

- **Sponsor:** Fdn. Fighting Blindness  
- **Budget Dates:** 08/01/09 - 07/31/10  
- **Direct:** $60,000
- **Award:** NN-NG-PC-0709-0042-PCAC (09090421)
- **Project Dates:** 08/01/09 - 07/31/10  
- **F & A:** $0

**High Content Metabolic Screens for Anti-Degenerative Agents in the Retina**

- **Sponsor:** Fdn. Fighting Blindness  
- **Budget Dates:** 06/01/10 - 05/31/11  
- **Direct:** $200,000
- **Award:** TA-NP-0607-0446-MUSC-WG (10061012)
- **Project Dates:** 06/01/08 - 05/31/13  
- **F & A:** $0

**Protective Effects of Nicotinic Receptor Activation on Stessors Present in AMD in the RPE**

- **Sponsor:** Targacept, Inc.  
- **Budget Dates:** 06/30/10 - 06/29/11  
- **Direct:** $25,149
- **Award:** 10-030-0099 (10062853)
- **Project Dates:** 06/30/10 - 06/29/11  
- **F & A:** $11,945

**Co-PI or Project Leader**

**Dual-Hit Hypothesis of Aging Related DA Dysfunction: Core B**

- **Pl:** Ann-Charlotte Granholm  
- **Sponsor:** NIH/NIA  
- **Total:** $170,577
- **Dept:** Neurosciences  
- **Award:** 5 P01 AG023630-05 (09043068-3)

**Co-Investigator**

**Cone Opsin-Ligand Interactions and Photoreceptor Health**

- **Pl:** Masahiro Kono  
- **Sponsor:** NIH/NEI  
- **Total:** $250,000
- **Dept:** Ophthalmology  
- **Award:** 1 R01 EY019515-01 (08060480-1)

**Inflammation and Degeneration of Optic Nerve in EAE**

- **Pl:** Naren Banik  
- **Sponsor:** NIH/NINDS  
- **Total:** $220,123
- **Dept:** Neurosciences  
- **Award:** 1 R01 NS065456-01A1 (09031886-1)

**Inflammation and Degeneration of Optic Nerve in EAE**

- **Pl:** Naren Banik  
- **Sponsor:** NIH/NINDS  
- **Total:** $11,875
- **Dept:** Neurosciences  
- **Award:** 1 R01 NS065456-01A1 (09031886-2)
### Tang, Peter

**Principal Investigator**  
**RPB Medical Student Fellowship**  
**Sponsor:** Research to Prevent Blindness  
**Award:** GFW7585 (09062029)  
**Budget Dates:** 07/01/09 - 12/31/10  
**Direct:** $30,000  
**F & A:** 0

### Teed, Ronald

**Principal Investigator**  
**Nasolacrimal Duct Obstruction Study (NLD3): A Randomized Trial Comparing Immediate Probing in an Office Setting with Deferred Probing in a Facility Setting for Treatment of Nasolacrimal Duct Obstruction in Children 6 to <10 Months Old**  
**Sponsor:** Jaeb Center for Health Research, Inc.  
**Award:** U10 EY11751 (08102369)  
**Budget Dates:** 11/01/08 - 12/31/10  
**Direct:** $3,964  
**F & A:** 886

**PEDIG: (IXT2) A Randomized Clinical Trial of Observation versus Occlusion Therapy for Intermittent Exotropia**  
**Sponsor:** Jaeb Center for Health Research, Inc.  
**Award:** U10 EY11751 (10021499)  
**Budget Dates:** 03/01/10 - 12/31/13  
**Direct:** $13,640  
**F & A:** 8,695

**PEDIG: (IXT1) A Randomized Trial of Bilateral Lateral Rectus Recession versus Unilateral Lateral Rectus Recession with Medial Rectus Recsection for Intermittent Exotropia**  
**Sponsor:** Jaeb Center for Health Research, Inc.  
**Award:** U10 EY11751 (10021401)  
**Budget Dates:** 03/01/10 - 12/31/13  
**Direct:** $18,305  
**F & A:** 8,695

### Wilson, M.

**Principal Investigator**  
**Infant Aphakia Treatment Study**  
**Sponsor:** Emory Univ.  
**Award:** S308981/U10 EY013272-06 (09060526)  
**Budget Dates:** 06/01/09 - 05/31/10  
**Direct:** $11,834  
**F & A:** 5,621

**2010 Unrestricted RPB Grant**  
**Sponsor:** Research to Prevent Blindness  
**Award:** (10010445)  
**Budget Dates:** 01/01/10 - 12/31/10  
**Direct:** $100,000  
**F & A:** 0

**A Phase 3B, Multi-Center, Randomized, Double-Masked, Parallel-Group, Active-Controlled Study of the Safety and Efficacy of Difluprednate Ophthalmic Emulsion, 0.05% (Durezol) 4 Times Daily (QID) and Prednisolone Acetate Ophthalmic Suspension, 1.0% (Pred Forte) QID for the Treatment of Inflammation Following Cataract Surgery in Children 0 to 3 Years of Age**  
**Sponsor:** Alcon, Inc.  
**Award:** C-10-004 (10052072)  
**Budget Dates:** 05/12/10 - 05/11/11  
**Direct:** $37,892  
**F & A:** 8,848

### Orthopaedic Surgery

**Gross, Richard**

**Principal Investigator**  
**OMEGA Medical Grant**  
**Sponsor:** OMeGA Medical Grants Assoc.  
**Award:** 000150 (09052983)  
**Budget Dates:** 07/01/09 - 06/30/10  
**Direct:** $3,000  
**F & A:** 0

**OREF Residency Enhancement Award**  
**Sponsor:** Orthopaedic Res. and Educ. Fdn.  
**Award:** (09092599)  
**Budget Dates:** 09/08/09 - 06/30/20  
**Direct:** $13,602  
**F & A:** 0

**Hartsock, Langdon**

**Principal Investigator**  
**Clemson MUSC Orthopedic Research Training Program**  
**Sponsor:** Clemson Univ.  
**Award:** 1133-7556-246-2006025 (07071072)  
**Budget Dates:** 04/01/08 - 08/31/10  
**Direct:** $97,000  
**F & A:** 0

**Prevention of Heterotopic Ossification Following Amputation**  
**Sponsor:** Clemson Univ.  
**Award:** 1375-201-2007591 (08103029)  
**Budget Dates:** 08/01/09 - 02/28/11  
**Direct:** $27,730  
**F & A:** 13,172

**Kang, Qian**

**Principal Investigator**  
**Orthocon Rabbit Tibia Defect Infection Study**  
**Sponsor:** Orthocon, Inc.  
**Award:** (09081956)  
**Budget Dates:** 08/20/09 - 03/30/10  
**Direct:** $30,335  
**F & A:** 14,409

**Processed Allograft Osteochondral Plug Implantation**  
**Sponsor:** LifeNet Health  
**Award:** (09113009)  
**Budget Dates:** 01/01/10 - 06/30/10  
**Direct:** $2,963  
**F & A:** 1,407
Kang, Qian  
**Co-Investigator**
Clemson MUSC Orthoped Research Training Program  
Pl: Langdon Hartsock  
Dept: Orthopaedic Surgery  
Sponsor: Clemson Univ.  
Award: 1133-7558-246-2006025 (07071072-3)  
Total: $ 97,000

Prevention of Heterotopic Ossification Following Amputation  
Pl: Langdon Hartsock  
Dept: Orthopaedic Surgery  
Sponsor: Clemson Univ.  
Award: 1375-201-2007591 (08103029-1)  
Total: $ 27,730

**Otolaryngology**

Ahlstrom, Jayne  
**Co-Investigator**
Auditory Analysis and Speech Recognition  
Pl: Judy Dubno  
Dept: Otolaryngology  
Sponsor: NIH/NIDCD  
Award: 5 R01 DC000184-28 (09043064-1)  
Total: $ 203,656

Experimental and Clinical Studies of Presbyacusis (Project 1)  
Pl: Judy Dubno  
Dept: Otolaryngology  
Sponsor: NIH/NIDCD  
Award: 5 P50 DC000422-22 (09052759-4)  
Total: $ 245,099

Experimental and Clinical Studies of Presbyacusis (Project 2)  
Pl: Judy Dubno  
Dept: Otolaryngology  
Sponsor: NIH/NIDCD  
Award: 5 P50 DC000422-22 (09052759-5)  
Total: $ 264,331

Connell, Abby  
**Co-PI or Project Leader**
The MED-EL EAS (Electric-Acoustic System) using the PULSARCI100 FLEXeas / SONATATI100 FLEXeas and the DUET Speech Processor  
Pl: Ted Meyer  
Dept: Otolaryngology  
Sponsor: Med El Corp.  
Award: IDE G040002 (10070387-1)  
Total: $ 25,100

The Effects of Apical Stimulation of the Cochlea Using Fine Structure Processing  
Pl: Ted Meyer  
Dept: Otolaryngology  
Sponsor: Med El Corp.  
Award: (09090108-1)  
Total: $ 35,500

Market Assessment Evaluation  
Pl: Ted Meyer  
Dept: Otolaryngology  
Sponsor: Cochlear Americas  
Award: MAE (09090310-1)  
Total: $ 3,000

Day, Terry  
**Co-PI or Project Leader**
Targeting mTOR as a Novel Mechanism-Based Therapy for Head and Neck Cancer  
Pl: M. Young  
Dept: Otolaryngology  
Sponsor: NIH/NCI  
Award: 3 R01 CA128837-01A2S1 (09052122-1)  
Total: $ 75,467

Sphingolipids in Cancer Biology and Therapy (Project 4)  
Pl: Yusuf Hannun  
Dept: Division of Basic Sciences  
Sponsor: NIH/NCI  
Award: 5 P01 CA097132-07 (09063083-8)  
Total: $ 107,117

Discolo, Christopher  
**Principal Investigator**
A Prospective, Multi-Center, Non-Randomized Clinical Trial to Evaluate the Ear Effusion Detection and Characterization System (EEDCS) to Detect and Characterize Middle Ear Fluid in Children  
Sponsor: OtoSonic, Inc.  
Award: Ear Effusion (09051910)  
Budget Dates: 07/06/09 - 07/05/11  
Direct: $ 19,300  
F & A: 4,200

Non-Randomized, Feasibility Trial to Evaluate the Ear Effusion Detection and Characterization System (EEDCS) to Detect and Characterize Middle Ear Fluid in Children  
Sponsor: OtoSonic, Inc.  
Award: EEDCS (10033141)  
Budget Dates: 04/02/10 - 04/30/11  
Direct: $ 17,684  
F & A: 3,796

Safety and Efficacy Evaluation of Topical Moxidex Otic Solution in the Treatment of Acute Otitis Media with Otorrhea in Tympanostomy Tubes  
Pl: David White  
Dept: Otolaryngology  
Sponsor: Alcon, Inc.  
Award: C-09-033 (10021614-1)  
Total: $ 62,000

Natural History Study Incidence of Otorrhea Following Tympanostomy Tube Insertion in a Cohort of Children Aged 6 Months to 12 Years  
Pl: David White  
Dept: Otolaryngology  
Sponsor: Alcon, Inc.  
Award: C-09-041 (10030518-1)  
Total: $ 30,700
Dubno, Judy

**Principal Investigator**

**Auditory Analysis and Speech Recognition**
- **Sponsor:** NIH/NIDCD
- **Award:** 3 R01 DC000184-28S1 (09041928)
- **Budget Dates:** 07/17/09 - 06/30/11
- **Project Dates:** 07/17/09 - 06/30/11
- **Direct:** $93,305
- **F & A:** $44,320

**Experimental and Clinical Studies of Presbyacusis**
- **Sponsor:** NIH/NIDCD
- **Award:** 3 P50 DC000422-21A1S1 (09041929)
- **Budget Dates:** 07/17/09 - 06/30/11
- **Project Dates:** 07/17/09 - 06/30/11
- **Direct:** $267,781
- **F & A:** $80,651

**Auditory Analysis and Speech Recognition**
- **Sponsor:** NIH/NIDCD
- **Award:** 5 R01 DC000184-28 (09043064)
- **Budget Dates:** 07/01/09 - 06/30/10
- **Project Dates:** 12/01/81 - 06/30/11
- **Direct:** $203,656
- **F & A:** $93,682

**Experimental and Clinical Studies of Presbyacusis**
- **Sponsor:** NIH/NIDCD
- **Award:** 5 P50 DC000422-22 (09052759)
- **Budget Dates:** 08/01/09 - 07/31/10
- **Project Dates:** 07/01/97 - 07/31/13
- **Direct:** $1,249,872
- **F & A:** $593,689

**Automated Hearing Tests**
- **Sponsor:** Audiology, Inc.
- **Award:** RC3 DC010986-01 (09083195)
- **Budget Dates:** 04/08/10 - 03/31/11
- **Project Dates:** 04/08/10 - 03/31/13
- **Direct:** $90,080
- **F & A:** $42,788

**Co-Investigator**

**Neural Changes Underlying Speech-Perception Training in the Aging Brain**
- **PI:** Mark Eckert
- **Dept:** Otolaryngology
- **Sponsor:** Deafness Research Fdn.
- **Total:** $50,000

**Co-PI or Project Leader**

**Experimental and Clinical Studies of Presbyacusis (Project 2)**
- **PI:** Judy Dubno
- **Dept:** Otolaryngology
- **Sponsor:** NIH/NIDCD
- **Award:** 5 P50 DC000422-22 (09052759-5)
- **Budget Dates:** 08/01/09 - 07/31/10
- **Project Dates:** 07/01/97 - 07/31/13
- **Direct:** $1,249,872
- **F & A:** $593,689

**Co-Investigator**

**Experimental and Clinical Studies of Presbyacusis (Project 1)**
- **PI:** Judy Dubno
- **Dept:** Otolaryngology
- **Sponsor:** NIH/NIDCD
- **Award:** 5 P50 DC000422-22 (09052759-4)
- **Budget Dates:** 08/01/09 - 07/31/10
- **Project Dates:** 07/01/97 - 07/31/13
- **Direct:** $1,249,872
- **F & A:** $593,689

Eckert, Mark

**Principal Investigator**

**Neural Changes Underlying Speech-Perception Training in the Aging Brain**
- **PI:** Mark Eckert
- **Dept:** Otolaryngology
- **Sponsor:** Deafness Research Fdn.
- **Total:** $50,000

**Co-PI or Project Leader**

**Experimental and Clinical Studies of Presbyacusis (Project 2)**
- **PI:** Judy Dubno
- **Dept:** Otolaryngology
- **Sponsor:** NIH/NIDCD
- **Award:** 5 P50 DC000422-22 (09052759-5)
- **Budget Dates:** 08/01/09 - 07/31/10
- **Project Dates:** 07/01/97 - 07/31/13
- **Direct:** $1,249,872
- **F & A:** $593,689

**Co-Investigator**

**Experimental and Clinical Studies of Presbyacusis (Project 1)**
- **PI:** Judy Dubno
- **Dept:** Otolaryngology
- **Sponsor:** NIH/NIDCD
- **Award:** 5 P50 DC000422-22 (09052759-4)
- **Budget Dates:** 08/01/09 - 07/31/10
- **Project Dates:** 07/01/97 - 07/31/13
- **Direct:** $1,249,872
- **F & A:** $593,689

Edgerton, Meredith

**Co-Investigator**

**The Effects of Apical Stimulation of the Cochlea Using Fine Structure Processing**
- **PI:** Ted Meyer
- **Dept:** Otolaryngology
- **Sponsor:** Med El Corp.
- **Award:** (09090108-1)
- **Budget Dates:** 01/01/10 - 12/31/11
- **Total:** $35,500

**Evaluation of the ClearVoice Strategy in Adults Using HiResolution Fidelity 120 Sound Processing**
- **PI:** Ted Meyer
- **Dept:** Otolaryngology
- **Sponsor:** Advanced Bionics
- **Award:** ClearVoice - CR0309 (09121814-1)
- **Budget Dates:** 01/01/10 - 12/31/11
- **Total:** $8,300

Gillespie, M.

**Principal Investigator**

**Randomized, Placebo-Controlled Study of the Pillar Palatal Implant System with CPAP Clinical Study**
- **Sponsor:** Restore Medical, Inc.
- **Award:** 845 (07032819)
- **Budget Dates:** 05/18/07 - 05/17/10
- **Project Dates:** 05/18/07 - 05/17/10
- **Direct:** $515
- **F & A:** $129

**The Evaluation of Ethicon’s Surgical Techniques and Devices Treating Obstructive Sleep Apnea in Human Cadaver**
- **Sponsor:** Ethicon
- **Award:** Human Cadaver (09102245)
- **Budget Dates:** 10/01/09 - 03/31/11
- **Project Dates:** 10/01/09 - 03/31/11
- **Direct:** $13,044
- **F & A:** $6,196

**Added Value of Sleep Nasendoscopy - STUDY #1**
- **Sponsor:** Gyrus
- **Award:** STUDY #1 (10021292)
- **Budget Dates:** 01/01/10 - 12/31/11
- **Project Dates:** 01/01/10 - 12/31/11
- **Direct:** $62,360
- **F & A:** $14,840

**Radioablative Surgery to Improve CPAP Compliance STUDY #3**
- **Sponsor:** Gyrus
- **Award:** CPAP2 STUDY #3 (10021719)
- **Budget Dates:** 01/01/10 - 12/31/11
- **Project Dates:** 01/01/10 - 12/31/11
- **Direct:** $34,500
- **F & A:** $8,000
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<th><strong>Gillespie, M.</strong></th>
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<tr>
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<td>Otolaryngology</td>
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<td><strong>Radioablative Surgery Versus CPAP in Older Adults with Mild-to-Moderate Sleep Apnea</strong></td>
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<td><strong>Respiratory Phase Training Effects on Swallow Impairment in Oropharyngeal Cancer</strong></td>
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<td>PI: Bonnie Martin-Harris</td>
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<td><strong>Development of a Large Animal Model for Testing of Oral Implants for Treatment of Sleep Apnea</strong></td>
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<th><strong>Harris, Kelly</strong></th>
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<td><strong>A Prospective, Blinded, Randomized, Controlled Trial Comparing Wound Drainage and Post-Operative Complications with and without the Use of EVICEL Fibrin Sealant in Thyroidectomy</strong></td>
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<td>PI: Judy Dubno</td>
<td>Sponsor: NIH/NIDCD</td>
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<tr>
<td>Dept: Otolaryngology</td>
<td>Award: 5 R01 DC000184-28 (09043064-1)</td>
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<tr>
<td><strong>Experimental and Clinical Studies of Presbyacusis (Project 1)</strong></td>
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<td>PI: Judy Dubno</td>
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<td>Dept: Otolaryngology</td>
<td>Award: 5 P50 DC000422-22 (09052759-4)</td>
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<tr>
<th><strong>Lambert, Paul</strong></th>
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<tbody>
<tr>
<td><strong>Principal Investigator</strong></td>
<td>Otolaryngology</td>
</tr>
<tr>
<td><strong>An Open-Label, Long-Term, Treatment Study to Assess the Long-Term, Safety and Tolerability and Efficacy of Neramexane in Patients with Subjective Tinnitus</strong></td>
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<tr>
<td>Award: MRZ 92579/TI/3003 (09060188)</td>
<td>Project Dates: 11/17/09 - 11/16/12</td>
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<td><strong>An Open-Label, Long-Term, Treatment Study to Assess the Long-Term, Safety and Tolerability and Efficacy of Neramexane in Patients with Subjective Tinnitus</strong></td>
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<td><strong>A Prospective, Randomized, Double-Blind, Placebo-Controlled, Multi-Center, Phase 1B Study of Oto-104 Given as a Single Intratympanic Injection in Subjects with Unilateral Meniere’s Disease</strong></td>
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<td>Sponsor: Otonomy, Inc.</td>
<td>Budget Dates: 12/23/09 - 01/31/11</td>
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<td>Award: OTO-104-200901 (09122227)</td>
<td>Project Dates: 12/23/09 - 01/31/11</td>
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<tr>
<td><strong>Co-Investigator</strong></td>
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<tr>
<td><strong>Experimental and Clinical Studies of Presbyacusis (Core B)</strong></td>
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</tr>
<tr>
<td>PI: Judy Dubno</td>
<td>Sponsor: NIH/NIDCD</td>
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<tr>
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<td>Award: 5 P50 DC000422-22 (09052759-3)</td>
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<td><strong>The Effects of Apical Stimulation of the Cochlea Using Fine Structure Processing</strong></td>
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<tr>
<td>PI: Ted Meyer</td>
<td>Sponsor: Med El Corp.</td>
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<tr>
<td>Dept: Otolaryngology</td>
<td>Award: (09090108-1)</td>
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<td><strong>Co-Investigator</strong></td>
<td>Otolaryngology</td>
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<tr>
<td><strong>Experimental and Clinical Studies of Presbyacusis (Core B)</strong></td>
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<tr>
<td>PI: Judy Dubno</td>
<td>Sponsor: NIH/NIDCD</td>
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<td>Dept: Otolaryngology</td>
<td>Award: 5 P50 DC000422-22 (09052759-3)</td>
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Co-Investigator  
Automated Hearing Tests  
PI: Judy Dubno  
Dept: Otolaryngology  
Sponsor: Audiology, Inc.  
Award: RC3 DC010986-01 (09083195-1)  
Total: $90,080

Other  
Mechanisms of Sensory Hair Cell Death and Survival  
PI: Lisa Cunningham  
Dept: Pathology and Laboratory Medicine  
Sponsor: NIH/NIDCD  
Award: 5 R01 DC007613-05 (09042277-1)  
Total: $233,963

Mechanisms of Sensory Hair Cell Death and Survival  
PI: Lisa Cunningham  
Dept: Pathology and Laboratory Medicine  
Sponsor: NIH/NIDCD  
Award: 5 R01 DC007613-05 (09042277-2)  
Total: $28,887

Martin-Harris, Bonnie  
Principal Investigator  
Respiratory Phase Training Effects on Swallow Impairment in Oropharyngeal Cancer  
PI: Lisa Cunningham  
Dept: Pathology and Laboratory Medicine  
Sponsor: NIH/NIDCD  
Budget Dates: 09/01/09 - 02/28/13  
Direct: $150,000  
F & A: 71,250

Efficacy of Laryngeal High Speed Videoeodoscopy  
PI: Lisa Cunningham  
Dept: Pathology and Laboratory Medicine  
Sponsor: Univ. of South Carolina  
Budget Dates: 02/01/09 - 09/30/10  
Direct: $8,136  
F & A: 3,864

Respiratory-Swallow Training in Veterans with Oropharyngeal Cancer  
PI: Lisa Cunningham  
Dept: Pathology and Laboratory Medicine  
Sponsor: VAMC  
Budget Dates: 03/01/09 - 02/28/11  
Direct: $210,600

Matthews, Lois  
Co-Investigator  
Experimental and Clinical Studies of Presbyacusis (Core B)  
PI: Judy Dubno  
Dept: Otolaryngology  
Sponsor: NIH/NIDCD  
Award: 5 P50 DC000422-22 (09052759-3)  
Total: $401,051

Other  
Automated Hearing Tests  
PI: Judy Dubno  
Dept: Otolaryngology  
Sponsor: Audiology, Inc.  
Award: RC3 DC010986-01 (09083195-1)  
Total: $90,080

Meyer, Ted  
Principal Investigator  
The Effects of Apical Stimulation of the Cochlea Using Fine Structure Processing  
PI: Lisa Cunningham  
Dept: Pathology and Laboratory Medicine  
Sponsor: NIH/NIDCD  
Budget Dates: 10/01/09 - 09/30/12  
Direct: $35,500  
F & A: 8,000

Market Assessment Evaluation  
PI: Lisa Cunningham  
Dept: Pathology and Laboratory Medicine  
Sponsor: Cochlear Americas  
Budget Dates: 10/01/09 - 09/30/10  
Direct: $3,000  
F & A: 750

Evaluation of the ClearVoice Strategy in Adults Using HiResolution Fidelity 120 Sound Processing  
PI: Lisa Cunningham  
Dept: Pathology and Laboratory Medicine  
Sponsor: Advanced Bionics  
Budget Dates: 12/23/09 - 01/31/11  
Direct: $8,300  
F & A: 1,450

The MED-EL EAS (Electric-Acoustic System) using the PULSARCI100 FLEXeas / SONATATI100 FLEXeas and the DUET Speech Processor  
PI: Lisa Cunningham  
Dept: Pathology and Laboratory Medicine  
Sponsor: Med El Corp.  
Budget Dates: 06/23/10 - 06/30/12  
Direct: $25,100  
F & A: 5,400

Co-PI or Project Leader  
An Open-Label, Long-Term, Treatment Study to Assess the Long-Term, Safety and Tolerability and Efficacy of Neramexane in Patients with Subjective Tinnitus  
PI: Paul Lambert  
Dept: Otolaryngology  
Sponsor: Icon Clinical Research, Inc.  
Total: $105,740  
Award: MRZ 92579/TI/3003 (09060188-1)

An Open-Label, Long-Term, Treatment Study to Assess the Long-Term, Safety and Tolerability and Efficacy of Neramexane in Patients with Subjective Tinnitus  
PI: Paul Lambert  
Dept: Otolaryngology  
Sponsor: Icon Clinical Research, Inc.  
Total: $99,500  
Award: MRZ 92579/TI/3004 (09060189-1)
Meyer, Ted

Co-Investigator

A Prospective, Randomized, Double-Blind, Placebo-Controlled, Multi-Center, Phase 1B Study of Oto-104 Given as a Single Intratympanic Injection in Subjects with Unilateral Meniere's Disease

PI: Paul Lambert
Dept: Otolaryngology

Total: $73,350

Sponsor: Otonomy, Inc.
Award: OTO-104-200901 (09122227-1)

A Prospective, Randomized, Double-Blind, Placebo-Controlled, Multi-Center, Phase 1B Study of Oto-104 Given as a Single Intratympanic Injection in Subjects with Unilateral Meniere's Disease

PI: Paul Lambert
Dept: Otolaryngology

Total: $8,900

Sponsor: Otonomy, Inc.
Award: OTO-104-200901 (09122227-2)

A Prospective, Randomized, Double-Blind, Placebo-Controlled, Multi-Center, Phase 1B Study of Oto-104 Given as a Single Intratympanic Injection in Subjects with Unilateral Meniere's Disease

PI: Paul Lambert
Dept: Otolaryngology

Total: $3,500

Sponsor: Otonomy, Inc.
Award: OTO-104-200901 (09122227-3)

A Prospective, Randomized, Double-Blind, Placebo-Controlled, Multi-Center, Phase 1B Study of Oto-104 Given as a Single Intratympanic Injection in Subjects with Unilateral Meniere's Disease

PI: Paul Lambert
Dept: Otolaryngology

Total: $103,350

Sponsor: Otonomy, Inc.
Award: OTO-104-200901 (09122227-4)

Mills, John

Co-PI or Project Leader

Experimental and Clinical Studies of Presbyacusis (Core B)

PI: Judy Dubno
Dept: Otolaryngology

Total: $401,051

Sponsor: NIH/NIDCD
Award: 5 P50 DC000422-22 (09052759-3)

Mulligan, Jennifer

Co-Investigator

Impact of Intraoperative Hydrodebrider Treatment on Post-op Sinonasal Inflammation

PI: Rodney Schlosser
Dept: Otolaryngology

Total: $88,036

Sponsor: Medtronic, Inc.
Award: Medtronic (10041304-1)

Nguyen, Shaun

Co-PI or Project Leader

Management of Allergic Rhinitis Patients with Nasal Steroids and Low Pressure Nasal Irrigation with Isotonic Saline: A Prospective Pilot Study

PI: Rodney Schlosser
Dept: Otolaryngology

Total: $56,004

Sponsor: NeilMed Pharmaceuticals, Inc
Award: Sinus Rinse (09052649-1)

Management of Allergic Rhinitis Patients with Nasal Steroids and Low Pressure Nasal Irrigation with Isotonic Saline: A Prospective Pilot Study

PI: Rodney Schlosser
Dept: Otolaryngology

Total: $19,140

Sponsor: NeilMed Pharmaceuticals, Inc
Award: Sinus Rinse (09052649-2)

The Effects of Apical Stimulation of the Cochlea Using Fine Structure Processing

PI: Ted Meyer
Dept: Otolaryngology

Total: $35,500

Sponsor: Med El Corp.
Award: (09090108-1)

Market Assessment Evaluation

PI: Ted Meyer
Dept: Otolaryngology

Total: $3,000

Sponsor: Cochlear Americas
Award: MAE (09090310-1)

Evaluation of the ClearVoice Strategy in Adults Using HiResolution Fidelity 120 Sound Processing

PI: Ted Meyer
Dept: Otolaryngology

Total: $8,300

Sponsor: Advanced Bionics
Award: ClearVoice - CR0309 (09121814-1)

A Prospective, Blinded, Randomized, Controlled Trial Comparing Wound Drainage and Post-Operative Complications with and without the Use of EVICEL Fibrin Sealant in Thyroidectomy

PI: Joshua Hornig
Dept: Otolaryngology

Total: $80,600

Sponsor: Ethicon
Award: IIS09-315 PCL 40 (10022349-1)

Co-Investigator

A Prospective, Multi-Center, Non-Randomized Clinical Trial to Evaluate the Ear Effusion Detection and Characterization System (EEDCS) to Detect and Characterize Middle Ear Fluid in Children

PI: Christopher Discolo
Dept: Otolaryngology

Total: $19,300

Sponsor: OtoSonics, Inc.
Award: Ear Effusion (09051910-1)

Targeting mTOR as a Novel Mechanism-Based Therapy for Head and Neck Cancer

PI: M. Young
Dept: Otolaryngology

Total: $75,467

Sponsor: NIH/NCI
Award: 3 R01 CA128837-01A2S1 (09052122-1)
Nguyen, Shaun

Co-Investigator

An Open-Label, Long-Term, Treatment Study to Assess the Long-Term, Safety and Tolerability and Efficacy of Neramexane in Patients with Subjective Tinnitus
PI: Paul Lambert  
Dept: Otolaryngology  
Sponsor: Icon Clinical Research, Inc.  
Award: MRZ 92579/TI/3003 (09060188-1)

An Open-Label, Long-Term, Treatment Study to Assess the Long-Term, Safety and Tolerability and Efficacy of Neramexane in Patients with Subjective Tinnitus
PI: Paul Lambert  
Dept: Otolaryngology  
Sponsor: Icon Clinical Research, Inc.  
Award: MRZ 92579/TI/3004 (09060189-1)

The Evaluation of Ethicon's Surgical Techniques and Devices Treating Obstructive Sleep Apnea in Human Cadaver
PI: M. Gillespie  
Dept: Otolaryngology  
Sponsor: Ethicon  
Award: Human Cadaver (09102245-1)

A Prospective, Randomized, Double-Blind, Placebo-Controlled, Multi-Center, Phase 1B Study of Oto-104 Given as a Single Intratympanic Injection in Subjects with Unilateral Meniere's Disease
PI: Paul Lambert  
Dept: Otolaryngology  
Sponsor: Otonomy, Inc.  
Award: OTO-104-200901 (09122227-1)

A Prospective, Randomized, Double-Blind, Placebo-Controlled, Multi-Center, Phase 1B Study of Oto-104 Given as a Single Intratympanic Injection in Subjects with Unilateral Meniere's Disease
PI: Paul Lambert  
Dept: Otolaryngology  
Sponsor: Otonomy, Inc.  
Award: OTO-104-200901 (09122227-2)

A Prospective, Randomized, Double-Blind, Placebo-Controlled, Multi-Center, Phase 1B Study of Oto-104 Given as a Single Intratympanic Injection in Subjects with Unilateral Meniere's Disease
PI: Paul Lambert  
Dept: Otolaryngology  
Sponsor: Otonomy, Inc.  
Award: OTO-104-200901 (09122227-3)

A Prospective, Randomized, Double-Blind, Placebo-Controlled, Multi-Center, Phase 1B Study of Oto-104 Given as a Single Intratympanic Injection in Subjects with Unilateral Meniere's Disease
PI: Paul Lambert  
Dept: Otolaryngology  
Sponsor: Otonomy, Inc.  
Award: OTO-104-200901 (09122227-4)

Added Value of Sleep Nasendoscopy - STUDY #1
PI: M. Gillespie  
Dept: Otolaryngology  
Sponsor: Gyrus  
Award: STUDY #1 (10021292-1)

Safety and Efficacy Evaluation of Topical Moxidex Otic Solution in the Treatment of Acute Otitis Media with Otorrhea in Tympanostomy Tubes
PI: David White  
Dept: Otolaryngology  
Sponsor: Alcon, Inc.  
Award: C-09-033 (10021614-1)

Radioablative Surgery to Improve CPAP Compliance STUDY #3
PI: M. Gillespie  
Dept: Otolaryngology  
Sponsor: Gyrus  
Award: CPAP2 STUDY #3 (10021719-1)

Radioablative Surgery Versus CPAP in Older Adults with Mild-to-Moderate Sleep Apnea
PI: M. Gillespie  
Dept: Otolaryngology  
Sponsor: Gyrus  
Award: CPAP1 STUDY #2 (10021720-1)

Natural History Study Incidence of Otorrhea Following Tympanostomy Tube Insertion in a Cohort of Children Aged 6 Months to 12 Years
PI: David White  
Dept: Otolaryngology  
Sponsor: Alcon, Inc.  
Award: C-09-041 (10030518-1)

Non-Randomized, Feasibility Trial to Evaluate the Ear Effusion Detection and Characterization System (EEDCS) to Detect and Characterize Middle Ear Fluid in Children
PI: Christopher Discolo  
Dept: Otolaryngology  
Sponsor: OtoSonics, Inc.  
Award: EEDCS (10033141-1)

Non-Randomized, Feasibility Trial to Evaluate the Ear Effusion Detection and Characterization System (EEDCS) to Detect and Characterize Middle Ear Fluid in Children
PI: Christopher Discolo  
Dept: Otolaryngology  
Sponsor: OtoSonics, Inc.  
Award: EEDCS (10033141-2)

Impact of Intraoperative Hydrodebrider Treatment on Post-op Sinonasal Inflammation
PI: Rodney Schlosser  
Dept: Otolaryngology  
Sponsor: Medtronic, Inc.  
Award: Medtronic (10041304-1)
Nguyen, Shaun

**Co-Investigator**

The MED-EL EAS (Electric-Acoustic System) using the PULSARCI100 FLEXeas / SONATAT100 FLEXeas and the DUET Speech Processor

PI: Ted Meyer  
Sponsor: Med El Corp.  
Dept: Otolaryngology  
Award: IDE G040002 (10070387-1)  
Total: $ 25,100

**Schlosser, Rodney**

**Principal Investigator**

**Effects of Second Hand Smoke on Sinonasal Immunity**

Sponsor: Charleston Research Institute  
Budget Dates: 07/01/07 - 06/30/09  
Direct: $ 6,723

**Management of Allergic Rhinitis Patients with Nasal Steroids and Low Pressure Nasal Irrigation with Isotonic Saline: A Prospective Pilot Study**

Sponsor: NeilMed Pharmaceuticals, Inc.  
Budget Dates: 09/01/09 - 08/31/10  
Direct: $ 75,144

**Impact of Intraoperative Hydrodebrider Treatment on Post-op Sinonasal Inflammation**

Sponsor: Medtronic, Inc.  
Budget Dates: 04/14/10 - 04/13/11  
Direct: $ 88,036

**Schmiedt, Richard**

**Co-Investigator**

Experimental and Clinical Studies of Presbyacusis (Core B)

PI: Judy Dubno  
Sponsor: NIH/NIDCD  
Dept: Otolaryngology  
Award: 5 P50 DC000422-22 (09052759-3)  
Total: $ 401,051

Experimental and Clinical Studies of Presbyacusis (Project 3)

PI: Judy Dubno  
Sponsor: NIH/NIDCD  
Dept: Otolaryngology  
Award: 5 P50 DC000422-22 (09052759-6)  
Total: $ 261,521

**White, David**

**Principal Investigator**

**Safety and Efficacy Evaluation of Topical Moxidex Otic Solution in the Treatment of Acute Otitis Media with Otorrhea in Tympanostomy Tubes**

Sponsor: Alcon, Inc.  
Budget Dates: 02/16/10 - 03/31/12  
Direct: $ 62,000

**Natural History Study Incidence of Otorrhea Following Tympanostomy Tube Insertion in a Cohort of Children Aged 6 Months to 12 Years**

Sponsor: Alcon, Inc.  
Budget Dates: 03/09/10 - 03/31/11  
Direct: $ 30,700

**Young, M.**

**Principal Investigator**

**Defining and Interrupting the Pathways that Lead to HNSCC Invasiveness**

Sponsor: VAMC  
Budget Dates: 10/01/09 - 09/30/10  
Direct: $ 125,000

**Vitamin D Plus Celecoxib Therapy to Stimulate Intratumoral Immune Reactivity**

Sponsor: VAMC  
Budget Dates: 10/01/09 - 09/30/10  
Direct: $ 159,000
### Otolaryngology Research Faculty Activity

#### Young, M.
**Principal Investigator**

**Targeting mTOR as a Novel Mechanism-Based Therapy for Head and Neck Cancer**  
Sponsor: NIH/NCI  
Budget Dates: 01/01/09 - 12/31/09  
Direct: $75,467  
Award: 3 R01 CA128837-01A2S1 (09052122)  
Project Dates: 01/01/09 - 12/31/13  
F & A: $24,532

**Macrophage-Driven Progression of Premalignant Oral Lesions Toward Invasiveness**  
Sponsor: NIH/NIDCR  
Budget Dates: 07/01/09 - 06/30/10  
Direct: $250,000  
Award: 5 R01 DE018168-02 (09060311)  
Project Dates: 08/01/08 - 06/30/12  
F & A: $65,000

**Immunotherapy to Prevent Oral Premalignant Lesion Recurrence and Oral Cancer**  
Sponsor: NIH/NCI  
Budget Dates: 01/01/10 - 12/31/10  
Direct: $207,500  
Award: 5 R01 CA128837-02 (09101417)  
Project Dates: 01/01/09 - 12/31/13  
F & A: $53,950

#### Pathology and Laboratory Medicine

##### Baker, Tiffany
**Principal Investigator**

**Heat Shock Protein-Induced Protection against Cisplatin-Induced Hair Cell Death**  
Sponsor: NIH/NIDCD  
Budget Dates: 09/28/09 - 09/27/10  
Direct: $34,475  
Award: 1 F30 DC010522-01 (09040268)  
Project Dates: 09/28/09 - 09/27/15  
F & A: 0

##### Brown, Erika
**Co-Investigator**

**Mechanisms of Regulation of NHE-1**  
Sponsor: NIH/NIDDK  
Total: $79,366  
Dept: Medicine  
Award: 3 R01 DK052448-11S1 (09041462-1)

##### Cunningham, Lisa
**Principal Investigator**

**Mechanisms of Sensory Hair Cell Death and Survival**  
Sponsor: NIH/NIDCD  
Budget Dates: 07/17/09 - 06/30/11  
Direct: $116,892  
Award: 3 R01 DC007613-04S2 (09033043)  
Project Dates: 07/17/09 - 06/30/11  
F & A: $55,524

**Mechanisms of Sensory Hair Cell Death and Survival**  
Sponsor: NIH/NIDCD  
Budget Dates: 07/01/09 - 06/30/10  
Direct: $262,850  
Award: 5 R01 DC007613-05 (09042277)  
Project Dates: 07/15/05 - 06/30/10  
F & A: $121,344

**Mentor**

**Heat Shock Protein-Induced Protection against Cisplatin-Induced Hair Cell Death**  
Sponsor: NIH/NIDCD  
Total: $34,475  
Dept: Pathology and Laboratory Medicine  
Award: 1 F30 DC010522-01 (09040268-1)

**NRSA Predoctoral Fellowship (F31) to Promote Diversity**  
Sponsor: NIH/NIDCD  
Total: $34,475  
Dept: Pathology and Laboratory Medicine  
Award: 1 F31 DC010559-01 (09041028-1)

##### Dammai, Vincent
**Principal Investigator**

**Cellular Factors Promoting Renal Cell Carcinoma**  
Sponsor: NIH/NCI  
Budget Dates: 02/01/10 - 01/31/11  
Direct: $190,000  
Award: 5 R01 CA128002-04 (09121071)  
Project Dates: 04/01/07 - 01/31/12  
F & A: $87,400

##### Findlay, Victoria
**Co-PI or Project Leader**

**ACSM-IRG: Role of microRNA 510 in Breast Cancer Progression and Metastasis**  
Sponsor: Amer. Cancer Soc.  
Total: $30,000  
Dept: Surgery  
Award: IRG-97-219-11 (09033042-8)

##### Francis, Shimon
**Principal Investigator**

**NRSA Predoctoral Fellowship (F31) to Promote Diversity**  
Sponsor: NIH/NIDCD  
Budget Dates: 02/07/10 - 02/06/11  
Direct: $34,475  
Award: 1 F31 DC010559-01 (09041028)  
Project Dates: 02/07/10 - 08/06/11  
F & A: 0

##### Gong, Yong-Zhong
**Co-Investigator**

**A Novel VEGF Signal Pathway Leading to Mitochondrial Biogenesis**  
Sponsor: NIH/NHLBI  
Total: $200,000  
Dept: Regenerative Medicine and Cell Biology  
Award: 5 R01 HL084565-04 (09111676-1)

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116 Medical University of South Carolina
### Kawamori, Toshihiko

**Principal Investigator**  
The Sphingolipid Pathway in Colon Cancer Chemoprevention

<table>
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<th>Role</th>
<th>PI</th>
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<th>Budget Dates</th>
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<td>Yusuf Hannun</td>
<td>NIH/NCI</td>
<td>01/01/10 - 04/30/10</td>
<td>207,500</td>
<td>98,563</td>
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#### Sponsor
NIH/NCI

#### Project Dates
01/01/10 - 04/30/10

#### Co-Investigator

**Sphingolipids in Cancer Biology and Therapy**  
(Core C: Animal Core)

<table>
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<td>Yusuf Hannun</td>
<td>NIH/NCI</td>
<td>$49,741</td>
<td>5 R01 CA097132-07 (09063083-4)</td>
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#### Sponsor
NIH/NCI

#### Award
5 R01 CA097132-07 (09063083-4)

#### Project Dates
01/01/09 - 04/30/10

#### Dept
Division of Basic Sciences

### LaRue, Amanda

**Principal Investigator**  
Fracture Repair by Mouse and Human Hematopoietic Stem Cells

<table>
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<th>Budget Dates</th>
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<tr>
<td>Co-Investigator</td>
<td>Judy Dubno</td>
<td>VAMC</td>
<td>04/01/10 - 03/31/11</td>
<td>261,800</td>
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#### Sponsor
VAMC

#### Project Dates
04/01/09 - 03/31/12

### Lang, Hainan

**Co-PI or Project Leader**  
Experimental and Clinical Studies of Presbyacusis (Project 3)

<table>
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<th>PI</th>
<th>Sponsor</th>
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<td>Judy Dubno</td>
<td>NIH/NIDCD</td>
<td>$261,521</td>
<td>5 P50 DC000422-22 (09052759-6)</td>
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#### Sponsor
NIH/NIDCD

#### Award
5 P50 DC000422-22 (09052759-6)

#### Project Dates
04/01/09 - 03/31/12

### Lazarchick, John

**Principal Investigator**  
A Multi-Center, Prospective, Open-Label, Clinical Trial to Assess the Safety and the Efficacy of a New Intravenous Immune Globulin (IGIV31 Grifols 10%) in Patients with Idiopathic (Immune) Thrombocytopenic Purpura

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<th>Role</th>
<th>PI</th>
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<td>Co-PI or Project Leader</td>
<td>Lawrence Afrin</td>
<td>PPD Development</td>
<td>07/01/09 - 02/26/10</td>
<td>32,170</td>
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#### Sponsor
PPD Development

#### Project Dates
07/01/09 - 02/26/10

#### Award
IG0601 (09072354)

### Lewin, David

**Principal Investigator**  
High Resolution Genomic Analysis of Pancreatic Carcinoma

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<th>Budget Dates</th>
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<td>Co-Investigator</td>
<td>Dieter Haemmerich</td>
<td>NIH/NCI</td>
<td>02/01/09 - 01/01/10</td>
<td>2,500</td>
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#### Sponsor
Medical Coll. of Georgia

#### Project Dates
02/01/09 - 01/01/10

#### Award
(08051781)

#### Dept
Surgery

# Medical University of South Carolina 117
Mehrotra, Meenal

**Principal Investigator**

**Hematopoietic Stem Cell Transplantation in Osteogenesis Imperfecta**

- **Sponsor**: NIH/NIAMS
- **Award**: 1 K01 AR059097-01 (09060944)
- **Budget Dates**: 04/01/10 - 03/31/11
- **Direct**: $63,914
- **F & A**: 5,113

Moussa, Omar

**Principal Investigator**

**The Role of Thromboxane A2 (TP) Receptor Beta in Bladder Cancer**

- **Sponsor**: NIH/NCI
- **Award**: 5 R01 CA127905-02 (10022673)
- **Budget Dates**: 04/01/10 - 03/31/11
- **Direct**: $207,500
- **F & A**: 98,563

Nolte, Frederick

**Principal Investigator**

**A Clinical Evaluation of the FilmArray Respiratory Panel**

- **Sponsor**: Idaho Technology, Inc.
- **Award**: ITI 159 0002 SUBK (09092495)
- **Budget Dates**: 10/26/09 - 10/31/10
- **Direct**: $45,898
- **F & A**: 21,802

Ogawa, Makio

**Co-Investigator**

**Experimental and Clinical Studies of Presbyacusis (Project 3)**

- **Sponsor**: NIH/NIDCD
- **Award**: 5 P50 DC000422-22 (09052759-6)
- **Budget Dates**: 10/26/09 - 10/31/10
- **Direct**: $45,898
- **F & A**: 21,802

- **Role of p38 MAPK in HSC Self-Renewal and Radiation-Induced Bone Marrow Injury**
  - **Sponsor**: NIH/NIAID
  - **Award**: 5 R01 AI080421-02 (09071406-1)
  - **Budget Dates**: 12/01/09 - 07/31/12
  - **Direct**: $209,737
  - **F & A**: 96,479

- **Role of p38 MAPK in HSC Self-Renewal and Radiation-Induced Bone Marrow Injury Sub-Award from UAMS**
  - **Sponsor**: Univ. of Arkansas
  - **Award**: 37647/R01 AI080421-03 (10031253-1)
  - **Budget Dates**: 12/01/09 - 07/31/12
  - **Direct**: $250,000
  - **F & A**: 9,239

- **HSC-Derived Fibroblasts in Normal and Diseased Valves**
  - **Sponsor**: NIH/NHLBI
  - **Award**: 5 R01 HL080168-04 (10041514-1)
  - **Budget Dates**: 12/01/09 - 07/31/12
  - **Direct**: $250,000
  - **F & A**: 21,802

Rumboldt, Tihana

**Other**

**Targeting mTOR as a Novel Mechanism-Based Therapy for Head and Neck Cancer**

- **Sponsor**: The Feinstein Institute for Med
- **Award**: 3 R01 CA128837-01A2S1 (09052122-1)
- **Budget Dates**: 03/01/09 - 02/28/12
- **Direct**: $75,467
- **F & A**: 0

Schulte, Bradley

**Principal Investigator**

**Inner Ear Ion Transport Mechanisms**

- **Sponsor**: NIH/NIDCD
- **Award**: 5 R01 DC000713-18 (09061055)
- **Budget Dates**: 08/01/09 - 07/31/10
- **Direct**: $209,737
- **F & A**: 96,479

**Co-Investigator**

**Experimental and Clinical Studies of Presbyacusis (Project 3)**

- **Sponsor**: NIH/NIDCD
- **Award**: 5 P50 DC000422-22 (09052759-6)
- **Budget Dates**: 12/01/09 - 07/31/12
- **Direct**: $261,521
- **F & A**: 0

Self, Sally

**Significant Contributor**

**R33 Phase: Novel Therapies for Resistant FSGS**

- **Sponsor**: The Feinstein Institute for Med
- **Award**: 500297/5 R33 DK070341-04 (09061163-1)
- **Budget Dates**: 03/01/09 - 02/28/12
- **Direct**: $26,786
- **F & A**: 0

Singh, Avtar

**Principal Investigator**

**AMP Kinase Activity in Stroke Injury**

- **Sponsor**: VAMC
- **Award**: (08042165)
- **Budget Dates**: 01/01/10 - 12/31/10
- **Direct**: $125,000
- **F & A**: 0

Smith, Michael

**Co-Investigator**

**The Role of Thromboxane A2 (TP) Receptor Beta in Bladder Cancer**

- **Sponsor**: NIH/NCI
- **Award**: 5 R01 CA127905-02 (10022673-1)
- **Budget Dates**: 04/01/10 - 03/31/11
- **Direct**: $207,500
- **F & A**: 98,563
Spyropoulos, Demetri

**Principal Investigator**

**Growth and Carcinogenic Potential in the Postnatal Mammary Gland**

Sponsor: NIH/NICHD  
Award: 1 R03 HD060265-01A1 (08111703)  
Budget Dates: 09/01/09 - 08/31/10  
Direct: $50,000

**Role of p38 MAPK in HSC Self-Renewal and Radiation-Induced Bone Marrow Injury Sub-Award from UAMS**

Sponsor: Univ. of Arkansas  
Award: 37647/R01 AI080421-03 (10031253)  
Budget Dates: 03/01/10 - 08/31/10  
Direct: $9,239

**Developmental Transcription Factors in Prostate Cancer**

Sponsor: Emory Univ.  
Award: S387510/R01 CA106826-06 (10040880)  
Budget Dates: 03/01/09 - 02/28/14  
Direct: $12,649

**Co-Investigator**

**Cancer Therapy-Induced Long-Term Bone Marrow Injury (ARRA Funds for Administrative Supplement)**

Sponsor: NIH/NCI  
Total: $81,365

**SC Cobre for Developmentally Based Cardiovascular Diseases: Core D-Molecular Tool Kit**

Sponsor: NIH/NCRR  
Total: $207,500

**Mechanisms and Significance of Cubilin-Mediated HDL Uptake**

Sponsor: NIH/NHLBI  
Total: $242,750

**Expression and Function of Hemoglobin in Alveolar Epithelial Cells**

Sponsor: NIH/NHLBI  
Total: $225,000

**Cellular Factors Promoting Renal Cell Carcinoma**

Sponsor: NIH/NCI  
Total: $190,000

Steed, Lisa

**Co-Investigator**

**Copper Air Quality Program, Year 3**

Sponsor: Advanced Technology Instit  
Total: $305,647

**Copper Antimicrobial Research Program**

Sponsor: Advanced Technology Instit  
Total: $312,982

Turner, David

**Co-PI or Project Leader**

**ACS-IRG: ETS1 Expression as a Mechanism Mediating the Hormone Refractory Phenotype in Prostate Cancer**

Sponsor: Amer. Cancer Soc.  
Total: $30,000

Wang, Yong

**Principal Investigator**

**MicroRNA Expression Signatures as Novel Biomarkers for Radiation Biodosimetry**

Sponsor: Fred Hutchison Cancer Research Center  
Budget Dates: 08/01/09 - 07/31/11  
Direct: $75,000

**Co-Investigator**

**Role of p38 MAPK in HSC Self-Renewal and Radiation-Induced Bone Marrow Injury**

Sponsor: NIH/NIAID  
Total: $250,000
Wang, Yong

Co-Investigator

Radiation Induced Lymphoid and Hematopoietic Toxicity
Pl: Daohong Zhou
Dept: Pathology and Laboratory Medicine
Sponsor: NIH/NCI
Total: $ 101,255
Award: 5 R01 CA086860-08 (09121590-1)

Watson, Dennis

Co-PI or Project Leader

MUSC Cancer Center Support Grant: Program 2: Cancer Genes and Molecular Regulation
Pl: Andrew Kraft
Dept: Medicine
Sponsor: NIH/NCI
Total: $ 22,911
Award: 5 P30 CA138313-02 (10012770-4)

Co-Investigator

Targeting The CaSm Oncogene as a Novel Therapy for Pancreatic Cancer
Pl: David Cole
Dept: Surgery
Sponsor: NIH/NCI
Total: $ 206,914
Award: 5 R01 CA123159-03 (09051909-1)

The Role of Thromboxane A2 (TP) Receptor Beta in Bladder Cancer
Pl: Omar Moussa
Dept: Pathology and Laboratory Medicine
Sponsor: NIH/NCI
Total: $ 207,500
Award: 5 R01 CA127905-02 (10022673-1)

Mentor

SC COBRE for Oral Health Research (Administrative Core)
Pl: Keith Kirkwood
Dept: Craniofacial Biology
Sponsor: NIH/NCRR
Total: $ 979,552
Award: 5 P20 RR017696-09 (10012138-2)

Welsh, Cynthia

Co-Investigator

A Phase III Study of Intraventricular DepoCyt (Orphan Drug Designation 06-2348) in Patients with Recurrent Glioblastoma
Pl: Bruce Frankel
Dept: Neurosciences
Sponsor: FDA
Total: $ 105,765
Award: 1 R01 FD003542-01 (08020480-1)

Zhou, Daohong

Principal Investigator

Cancer Therapy-Induced Long-Term Bone Marrow Injury (ARRA Funds for Administrative Supplement)
Sponsor: NIH/NCI
Budget Dates: 08/01/09 - 02/28/10
Direct: $ 81,365
F & A: 38,648
Award: 5 R01 CA122023-03S1 (09041455)

Role of p38 MAPK in HSC Self-Renewal and Radiation-Induced Bone Marrow Injury
Sponsor: NIH/NIAID
Budget Dates: 09/01/09 - 02/28/10
Direct: $ 250,000
Award: 5 R01 AI080421-02 (09071406)

Radiation Induced Lymphoid and Hematopoietic Toxicity
Sponsor: NIH/NCI
Budget Dates: 02/01/10 - 02/28/10
Direct: $ 101,255
Award: 5 R01 CA086860-08 (09121590)

Inner Ear Ion Transport Mechanisms
Pl: Bradley Schulte
Dept: Pathology and Laboratory Medicine
Sponsor: NIH/NIDCD
Total: $ 209,737
Award: 5 R01 DC000713-18 (09061055-1)

The Sphingolipid Pathway in Colon Cancer Chemoprevention
Pl: Toshihiko Kawamori
Dept: Pathology and Laboratory Medicine
Sponsor: NIH/NCI
Total: $ 207,500
Award: 5 R01 CA124687-02 (09110646-1)

Pediatrics

Appiagyei-Dankah, Yaw

Principal Investigator

A 24-Week, Randomized, Open-Label, Parallel-Group, Multinational Comparison of Lantus Given in the Morning as Once-a-Day Basal Insulin vs. Neurtral Protamine Hagedorm Insulin, in Children with Type 1 Diabetes Mellitus Aged at Least 1 Year to Less Than 8 Years
Sponsor: Sanofi-Aventis US, Inc.
Budget Dates: 10/19/09 - 10/18/10
Direct: $ 166,784
Award: EFC11202 (09102767)

Atz, Andrew

Principal Investigator

An Observational Prospective Study to Assess the Outcomes and Risk Factors of RSV Infection among Premature Infants (32-35 Weeks Gestational Age) - Outcomes and Risk Tracking Study
Sponsor: Medimmune, Inc.
Budget Dates: 11/12/09 - 11/11/11
Direct: $ 46,400
Award: MI-MA213 (09112405)

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<th>Name</th>
<th>Principal Investigator</th>
<th>Project Title</th>
<th>Sponsor</th>
<th>Budget Dates</th>
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<th>F &amp; A: $</th>
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<td>Atz, Andrew</td>
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<td><strong>A Randomized, Double-Blind, Active-Controlled Study to Evaluate the Immunogenicity of MEDI-3250 in Children 2 to 17 Years of Age</strong></td>
<td>Quintiles Pacific, Inc.</td>
<td>01/18/10 - 01/17/12</td>
<td>123,685</td>
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<td><strong>Quality of Life Assessment in the Pediatric Cardiac Population: Testing the Pediatric Cardiac Quality of Life Inventory</strong></td>
<td>Cincinnati Childrens Hospital</td>
<td>06/01/10 - 05/31/12</td>
<td>12,250</td>
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<td>Co-Investigator</td>
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<td>Randomized Clinical Trials for Pediatric Heart Disease</td>
<td>NIH/NHLBI</td>
<td>01/18/10 - 01/17/12</td>
<td>194,200</td>
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<td>Baatz, John</td>
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<td><strong>Measurement Science and Engineering Research Grant</strong></td>
<td>Natl. Inst. of Standards and Technology</td>
<td>09/01/06 - 02/28/11</td>
<td>99,790</td>
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<td><strong>Expression and Function of Hemoglobin in Alveolar Epithelial Cells</strong></td>
<td>NIH/NHLBI</td>
<td>02/01/10 - 01/31/11</td>
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<td><strong>Closure of Perimembranous Ventricular Septal Defects with the AMPLATZER Membranous VSD Occluder</strong></td>
<td>Aga Medical Corp.</td>
<td>01/13/04 - 12/31/14</td>
<td>22,203</td>
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<td>Basco, William</td>
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<td><strong>Academic Administrative Units in Primary Care</strong></td>
<td>HRSA</td>
<td>09/01/09 - 08/31/10</td>
<td>166,668</td>
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<td><strong>NRSA for Primary Medical Care: Developing Primary Care Researchers Using Research Networks</strong></td>
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<td>07/01/09 - 06/30/10</td>
<td>223,035</td>
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<td><strong>Increlex Growth Forum Database - IGFD Registry: A Patient Registry for Monitoring Long-Term Safety and Efficacy ofIncrelex</strong></td>
<td>Tercica, Inc.</td>
<td>12/04/06 - 12/03/14</td>
<td>3,280</td>
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**Co-Investigator**

**Randomized Clinical Trials for Pediatric Heart Disease**

**Cellular Factors Promoting Renal Cell Carcinoma**

**Assessment of Pediatric Look-Alike, Sound-Alike(LASA)Substitution Errors**

**NRSA for Primary Medical Care: Developing Primary Care Researchers Using Research Networks**

**Increlex Growth Forum Database - IGFD Registry: A Patient Registry for Monitoring Long-Term Safety and Efficacy of Increlex**
Bowlby, Deborah  
**Principal Investigator**  
**SEARCH for Diabetes in Youth 2: Carolina Clinical Center**  
Sponsor: Univ. of North Carolina  
Award: 5-53365/U01 DP000254-05 (09050820)  
Budget Dates: 09/30/09 - 09/29/10  
Direct: $20,610  
F & A: $9,789

Carpenter, Laura  
**Principal Investigator**  
**A Randomized, Double-Blind, Placebo-Controlled Study of Omega-3 Fatty Acid Supplementation in Autism**  
Sponsor: Autism Speaks  
Award: 2934 (08021555)  
Project Dates: 07/01/08 - 12/31/10  
Direct: $105,519  
F & A: $10,552

Charles, Jane  
**Principal Investigator**  
**SC Autism and Developmental Disabilities Monitoring Project**  
Sponsor: CDC  
Award: 1 UR3 DD000682-01 (10021942)  
Budget Dates: 06/01/10 - 05/31/11  
Direct: $437,262  
F & A: $137,737

Contreras, Miquel  
**Co-Investigator**  
**Fatty Acid Oxidation in X-Linked Adrenoleukodystrophy**  
PI: Inderjit Singh  
Sponsor: NIH/NINDS  
Award: 2 R01 NS022576-25 (09072873-1)  
Budget Dates: 04/01/09 - 10/30/10  
Direct: $218,750

Forbus, Geoffrey  
**Co-Investigator**  
**Randomized Clinical Trials for Pediatric Heart Disease**  
PI: J. Saul  
Sponsor: NIH/NHLBI  
Award: 5 U01 HL068281-09 (09070973-1)  
Budget Dates: 07/01/10 - 06/30/11  
Direct: $194,200  
F & A: $11,085

Fowler, Sandra  
**Principal Investigator**  
**SC Children’s AIDS Care System**  
Sponsor: SC DHEC  
Award: HV-0-142 (09031365)  
Budget Dates: 08/01/09 - 07/31/10  
Direct: $130,002  
F & A: $13,000

**Surveillance to Determine Rotavirus Disease Burden**  
Sponsor: Cincinnati Childrens Hospital  
Award: (09121479)  
Budget Dates: 12/15/09 - 06/30/10  
Direct: $160,500  
F & A: $39,500

**An Open-Label, Prospective, Pharmacokinetic/Pharmacodynamic and Safety Evaluation of Intravenous Oseltamivir (Tamiflu) in the Treatment of Children 1 to 12 Years of Age with Confirmed Influenza Infection**  
Sponsor: Hoffman-Laroche, Inc.  
Award: NP25139 (10011504)  
Budget Dates: 01/15/10 - 01/14/12  
Direct: $47,339  
F & A: $11,085

**Other**  
**Academic Administrative Units in Primary Care**  
PI: William Basco  
Sponsor: HRSA  
Award: 5 D54HP05448-05-00 (09021829-1)  
Total: $86,667

**Academic Administrative Units in Primary Care**  
PI: William Basco  
Sponsor: HRSA  
Award: 5 D54HP05448-05-00 (09021829-2)  
Total: $80,001

Graham, Eric  
**Principal Investigator**  
**Preoperative Corticosteroid Therapy in Neonates Undergoing Cardiopulmonary Bypass**  
Sponsor: Amer. College of Cardiology  
Award: (07042521)  
Budget Dates: 07/01/09 - 06/30/10  
Direct: $65,000  
F & A: 0

Haemmerich, Dieter  
**Principal Investigator**  
**Development of Multi-Probe Radiofrequency Ablation**  
Sponsor: Univ. of Wisconsin  
Award: 280H604/R01 CA108869-05 (09052244)  
Budget Dates: 04/01/09 - 10/31/10  
Direct: $34,897  
F & A: $16,052
Haemmerich, Dieter

Principal Investigator

Radiofrequency Tumor Ablation at Low Frequencies
Sponsor: NIH/NCI
Budget Dates: 08/01/09 - 07/31/11
Direct: $112,500

Award: 5 R21 CA135519-02 (09061060)
Project Dates: 08/01/08 - 07/31/11
F & A: $53,438

Hammond, Lyn

Co-Investigator

Experimental and Clinical Studies of Presbyacusis (Core B)
PI: Judy Dubno
Sponsor: NIH/NIDCD
Total: $401,051

Dept: Otolaryngology
Award: 5 P50 DC000422-22 (09052759-3)

Hlavacek, Anthony

Principal Investigator

Transatlantic Networks of Excellence Program: Multi-Scale Modeling of Single Ventricle Hearts for Clinical Decision Support
Sponsor: Leducq Foundation
Budget Dates: 01/01/10 - 12/31/10
Direct: $230,495

Award: 09CVD04 (09020221)
Project Dates: 01/01/10 - 12/31/14
F & A: $23,050

Co-Investigator

Randomized Clinical Trials for Pediatric Heart Disease
PI: J. Saul
Sponsor: NIH/NHLBI
Total: $194,200

Dept: Pediatrics
Award: 5 U01 HL068281-09 (09070973-1)

Hollis, Bruce

Principal Investigator

Establishing the Vitamin D Requirements During Lactation
Sponsor: NIH/NICHD
Budget Dates: 08/01/09 - 07/31/10
Direct: $406,529

Award: 5 R01 HD047511-04 (09052763)
Project Dates: 08/29/09 - 07/31/11
F & A: $125,697

Establishing the Vitamin D Requirements During Lactation
Sponsor: NIH/NICHD
Budget Dates: 09/30/09 - 09/29/11
Direct: $61,098

Award: 3 R01 HD047511-04S1 (09063084)
Project Dates: 09/30/09 - 09/29/11
F & A: $11,584

Randomized Trial of Maternal Vitamin D Supplementation to Prevent Childhood Asthma
Sponsor: Brigham and Womens Hospital
Budget Dates: 03/01/10 - 02/28/11
Direct: $84,544

Award: 104228/5 U01 HL091528-02 (09121175)
Project Dates: 03/01/09 - 02/28/13
F & A: $38,890

Co-PI or Project Leader

Three-Year Follow-Up Study of a Vitamin D Supplementation Pregnancy Cohort in South Carolina
PI: Carol Wagner
Sponsor: Thrasher Research Fund
Total: $145,119

Dept: Pediatrics
Award: (09091142-1)

Hudspeth, Michelle

Principal Investigator

BMT Clinical Research Network Data Coordinating Center
Sponsor: National Childhood Cancer Fdn.
Budget Dates: 09/01/09 - 08/31/13
Direct: $38,037

Award: 1040/U01HL69254 (08120471)
Project Dates: 09/01/09 - 08/31/13
F & A: $7,608

A 5-year, Prospective, Non-Interventional, Multi-Center Registry in Sickle Cell Disease Patients
Sponsor: Novartis Corp.
Budget Dates: 12/15/09 - 12/31/17
Direct: $55,900

Award: CICL670AUS38 (10020450)
Project Dates: 12/15/09 - 12/31/17
F & A: $12,600

Hulsey, Thomas

Principal Investigator

Southeastern Predoctoral Training in Clinical Research (SPTCR)
Sponsor: NIH/NCRR
Budget Dates: 07/01/09 - 07/31/09
Direct: $609,275

Award: 5 T32 RR023258-05 (09050827)
Project Dates: 09/20/05 - 07/31/09
F & A: $39,319

Co-PI or Project Leader

NOAA Biotechnology Contract Amendment 5: Statistical Support
PI: Eric Lacy
Sponsor: NOAA
Total: $8,000

Dept: Regenerative Medicine and Cell Biology
Award: MOA-2004-168/1259 (09081134-2)

Co-Investigator

Environmental Determinants of Autoimmunity among African Americans in Coastal SC
PI: Diane Kamen
Sponsor: NIH/NIEHS
Total: $231,805

Dept: Medicine
Award: 1 R21 ES017934-01 (09032731-1)

Trans-Generational Impact of Maternal Obesity and Diabetes on Health Disparities
PI: Kelly Hunt
Sponsor: Clemson Univ.
Total: $111,625

Dept: Medicine
Award: 1357-209-2007555/R01 MD00 (09041584-1)
Hulsey, Thomas

Co-Investigator

Establishing the Vitamin D Requirements During Lactation
PI: Bruce Hollis  Sponsor: NIH/NICHD  Total: $ 406,529
Dept: Pediatrics  Award: 5 R01 HD047511-04 (09052763-1)

Establishing the Vitamin D Requirements During Lactation
PI: Bruce Hollis  Sponsor: NIH/NICHD  Total: $ 61,098
Dept: Pediatrics  Award: 3 R01 HD047511-04S1 (09080615-1)

South Carolina Clinical and Translational Research Institute (SCTR) (UL1)
PI: Kathleen Brady  Sponsor: NIH/NCRR  Total: $ 2,466,971
Dept: Psychiatry and Behavioral Sciences  Award: 1 UL1 RR029881-01 (09080615-1)

South Carolina Clinical and Translational Research Institute (SCTR) (TL1)
PI: Kathleen Brady  Sponsor: NIH/NCRR  Total: $ 511,140
Dept: Psychiatry and Behavioral Sciences  Award: 1 TL1 RR029881-01 (09080615-1)

Three-Year Follow-Up Study of a Vitamin D Supplementation Pregnancy Cohort in South Carolina
PI: Carol Wagner  Sponsor: Thrasher Research Fund  Total: $ 145,119
Dept: Pediatrics  Award: (09091142-1)

Trans-Generational Impact of Maternal Obesity and Diabetes on Health Disparities
PI: Kelly Hunt  Sponsor: Clemson Univ.  Total: $ 116,081
Dept: Medicine  Award: 1357-209-2007555/R01 MD00 (10042132-1)

Jackson, Sherron

Principal Investigator

Stroke with Transfusions Changing to Hydroxyurea SWITCH
Sponsor: St. Jude Childrens Hospital  Budget Dates: 08/01/09 - 07/31/10  Direct: $ 75,567
Award: 111270050-7348669/U01 HL0 (09081142)  Project Dates: 08/01/09 - 07/31/10  F & A: 26,734

Pediatric Hydroxyurea Phase Ill Clinical Trial - BabyHug - MAIN
Sponsor: NIH/NHLBI  Budget Dates: 07/01/09 - 03/31/10  Direct: $ 16,039
Award: N01-HB-07154 / Amd. 22 (10020224)  Project Dates: 06/01/00 - 03/31/10  F & A: 6,897

Katikaneni, Lakshmi

Principal Investigator

Growth Assessment by PEAPOD Analysis and its Correlation with Neurodevelopmental Outcome in Infants <1250 Grams at Birth Born at MUSC
Sponsor: Life Measurement, Inc.  Budget Dates: 08/16/07 - 12/31/10  Direct: $ 16,100
Award: PEAPOD (07080169)  Project Dates: 08/16/07 - 12/31/10  F & A: 3,900

Key, Janice

Principal Investigator

Sea Island Teen Opportunity for Prevention Programs (STOPP)
Sponsor: Coastal Community Fdn. of SC  Budget Dates: 07/01/08 - 06/30/10  Direct: $ 25,000
Award: (09031257)  Project Dates: 07/01/08 - 06/30/10  F & A: 0

Sea Island Teen Opportunity for Prevention Programs (STOPP)
Sponsor: New Morning Fdn.  Budget Dates: 07/01/09 - 06/30/10  Direct: $ 181,818
Award: (09060532)  Project Dates: 07/01/09 - 06/30/10  F & A: 18,182

Co-Investigator

Charleston County Teen and Family EMPOWERR Program
PI: Carla Danielson  Sponsor: SAMHSA  Total: $ 255,006
Dept: Psychiatry and Behavioral Sciences  Award: 5 U79 SP015156-02 (09030294-1)

Key, L.

Principal Investigator

SEARCH for Diabetes in Youth 2: Carolina Clinical Center
Sponsor: Univ. of North Carolina  Budget Dates: 09/30/09 - 09/29/10  Direct: $ 53,386
Award: 5-53365/U01 DP000254-05 (09050820)  Project Dates: 09/30/05 - 09/29/10  F & A: 25,359

Khan, Mush

Co-Investigator

Fatty Acid Oxidation in X-Linked Adrenoleukodystrophy
PI: Inderjit Singh  Sponsor: NIH/NINDS  Total: $ 218,750
Dept: Pediatrics  Award: 2 R01 NS022576-25 (09072873-1)
Kiger, James  
**Principal Investigator**  
Ventilator Management Techniques During Late Surfactant Administration in Preterm Infants, Respiratory, Outcomes, and Biological Markers of Lung Injury  
**Sponsor:** Ikaria Holding, Inc.  
**Award:** Fellowship (09090418)  
**Budget Dates:** 02/01/10 - 08/31/11  
**Direct:** $10,000  
**F & A:** $0

Kolb, Robert  
**Principal Investigator**  
The Role of the Primary Cilium in Glomerular Podocyte Cells  
**Sponsor:** NIH/NIDDK  
**Award:** 5 K01 DK075652-03 (10042235)  
**Budget Dates:** 06/01/10 - 05/31/11  
**Direct:** $120,625  
**F & A:** $9,650

Kraveka, Jacqueline  
**Principal Investigator**  
COG Per Case and Specimen Reimbursement  
**Sponsor:** National Childhood Cancer Fdn.  
**Award:** (09020553)  
**Budget Dates:** 03/01/09 - 02/28/10  
**Direct:** $16,494  
**F & A:** $3,299

Role of Bioactive Sphingolipids in Neuroblastoma Progression  
**Sponsor:** National Childhood Cancer Fdn.  
**Award:** (09081958)  
**Budget Dates:** 07/01/09 - 06/30/10  
**Direct:** $27,273  
**F & A:** $2,727

Pediatric Neuroblastoma Research to Help Children Like Yano  
**Sponsor:** Fletcher Allen Health Care  
**Award:** (10031769)  
**Budget Dates:** 03/01/10 - 02/28/12  
**Direct:** $15,000  
**F & A:** $0

A Phase II Trial of Nifurtimox for Refractory or Relapsed Neuroblastoma or Medulloblastoma  
**Sponsor:** Trident United Way  
**Award:** (10060359)  
**Budget Dates:** 04/01/08 - 03/31/11  
**Direct:** $40,000  
**F & A:** $0

Lee, Kyu-Ho  
**Co-PI or Project Leader**  
SC Cobre for Developmentally Based Cardiovascular Diseases: Project 1  
**PI:** Roger Markwald  
**Dept:** Regenerative Medicine and Cell Biology  
**Sponsor:** NIH/NCRR  
**Total:** $135,160

Lemon, Henry  
**Principal Investigator**  
Family Literacy Project 2009-2010  
**Sponsor:** Trident United Way  
**Award:** (09022352)  
**Budget Dates:** 07/01/09 - 06/30/10  
**Direct:** $55,680  
**F & A:** $0

MUSC Children’s Care Medical Care Home Project  
**Sponsor:** Trident United Way  
**Award:** (09022353)  
**Budget Dates:** 07/01/09 - 06/30/12  
**Direct:** $126,424  
**F & A:** $0

Macias, Michelle  
**Co-Investigator**  
Training CED/COR Pediatric and Child Psychiatry  
**PI:** Eve Spratt  
**Dept:** Pediatrics  
**Sponsor:** HRSA  
**Total:** $13,889

Marsh, Linda  
**Co-Investigator**  
Sea Island Teen Opportunity for Prevention Programs (STOPP)  
**PI:** Janice Key  
**Dept:** Pediatrics  
**Sponsor:** New Morning Fdn.  
**Total:** $181,818
Academic Administrative Units in Primary Care
PI: William Basco  
Sponsor: HRSA  
Total: $86,667
Award: 5 D54HP05448-05-00 (09021829-1)
Dept: Pediatrics

Academic Administrative Units in Primary Care
PI: William Basco  
Sponsor: HRSA  
Total: $80,001
Award: 5 D54HP05448-05-00 (09021829-2)
Dept: Pediatrics

McElligott, James  
Principal Investigator
Teaching Vaccine Safety Through the Academic Pediatric Associations Teaching Immunization Delivery and Evaluation (TIDE) Online Curriculum
Sponsor: Academic Pediatric Assoc.  
Budget Dates: 09/30/09 - 09/29/10  
Direct: $38,600
Award: 1 U01 IP000377-01 (09071074)
Dept: Pediatrics

Academic Administrative Units in Primary Care
PI: William Basco  
Sponsor: HRSA  
Total: $86,667
Award: 5 D54HP05448-05-00 (09021829-1)
Dept: Pediatrics

Academic Administrative Units in Primary Care
PI: William Basco  
Sponsor: HRSA  
Total: $80,001
Award: 5 D54HP05448-05-00 (09021829-2)
Dept: Pediatrics

Paintlia, Ajaib  
Co-Investigator
Cytokines in Glial Cells and EAE Brain
PI: Inderjit Singh  
Sponsor: NIH/NINDS  
Total: $218,750
Award: 2 R01 NS037766-11 (09032415-1)
Dept: Pediatrics

Peduzzi, Patricia  
Principal Investigator
Other
Academic Administrative Units in Primary Care
PI: William Basco  
Sponsor: HRSA  
Total: $86,667
Award: 5 D54HP05448-05-00 (09021829-1)
Dept: Pediatrics

McBurney, Patricia  
Principal Investigator
8th Annual Margaret Jenkins Lecture
Sponsor: Sanofi Pasteur  
Budget Dates: 03/25/10 - 03/24/11  
Direct: $2,000
Award: 34567505-2877 (10020333)
Dept: Pediatrics

McBurney, Patricia  
Principal Investigator
Infant Well Child Care: Association with Readiness for 1st Grade Learning by Low Income Children
Sponsor: Commonwealth Fund  
Budget Dates: 01/01/10 - 12/31/10  
Direct: $14,965
Award: 20090162 (08122237)
Dept: Pediatrics

Medicaid Child Healthcare Quality and Cost: Need for a Paradigm Adjustment
Sponsor: HRSA  
Budget Dates: 02/01/10 - 01/31/11  
Direct: $39,647
Award: 1 R40MC17166-01-00 (09082891)
Dept: Pediatrics

Peduzzi, Patricia  
Principal Investigator
Osteoclast Inhibitory Peptide-1 Therapy for Paget's Disease
Sponsor: DOD  
Budget Dates: 08/01/09 - 07/31/10  
Direct: $250,072
Award: W81XWH-09-1-0548 (08062722)
Dept: Pediatrics

Peduzzi, Patricia  
Co-PI or Project Leader
Academic Administrative Units in Primary Care
PI: William Basco  
Sponsor: HRSA  
Total: $86,667
Award: 5 D54HP05448-05-00 (09021829-1)
Dept: Pediatrics

Peduzzi, Patricia  
Co-PI or Project Leader
Academic Administrative Units in Primary Care
PI: William Basco  
Sponsor: HRSA  
Total: $80,001
Award: 5 D54HP05448-05-00 (09021829-2)
Dept: Pediatrics

Paintlia, Ajaib  
Co-Investigator
Cytokines in Glial Cells and EAE Brain
PI: Inderjit Singh  
Sponsor: NIH/NINDS  
Total: $218,750
Award: 2 R01 NS037766-11 (09032415-1)
Dept: Pediatrics

Peduzzi, Patricia  
Principal Investigator
Infant Well Child Care: Association with Readiness for 1st Grade Learning by Low Income Children
Sponsor: Commonwealth Fund  
Budget Dates: 01/01/10 - 12/31/10  
Direct: $14,965
Award: 20090162 (08122237)
Dept: Pediatrics

Medicaid Child Healthcare Quality and Cost: Need for a Paradigm Adjustment
Sponsor: HRSA  
Budget Dates: 02/01/10 - 01/31/11  
Direct: $39,647
Award: 1 R40MC17166-01-00 (09082891)
Dept: Pediatrics

Peduzzi, Patricia  
Principal Investigator
Osteoclast Inhibitory Peptide-1 Therapy for Paget's Disease
Sponsor: DOD  
Budget Dates: 08/01/09 - 07/31/10  
Direct: $250,072
Award: W81XWH-09-1-0548 (08062722)
Dept: Pediatrics

Peduzzi, Patricia  
Co-PI or Project Leader
Academic Administrative Units in Primary Care
PI: William Basco  
Sponsor: HRSA  
Total: $86,667
Award: 5 D54HP05448-05-00 (09021829-1)
Dept: Pediatrics

Peduzzi, Patricia  
Co-PI or Project Leader
Academic Administrative Units in Primary Care
PI: William Basco  
Sponsor: HRSA  
Total: $80,001
Award: 5 D54HP05448-05-00 (09021829-2)
Dept: Pediatrics

Peduzzi, Patricia  
Principal Investigator
Infant Well Child Care: Association with Readiness for 1st Grade Learning by Low Income Children
Sponsor: Commonwealth Fund  
Budget Dates: 01/01/10 - 12/31/10  
Direct: $14,965
Award: 20090162 (08122237)
Dept: Pediatrics

Medicaid Child Healthcare Quality and Cost: Need for a Paradigm Adjustment
Sponsor: HRSA  
Budget Dates: 02/01/10 - 01/31/11  
Direct: $39,647
Award: 1 R40MC17166-01-00 (09082891)
Dept: Pediatrics

Peduzzi, Patricia  
Principal Investigator
Osteoclast Inhibitory Peptide-1 Therapy for Paget's Disease
Sponsor: DOD  
Budget Dates: 08/01/09 - 07/31/10  
Direct: $250,072
Award: W81XWH-09-1-0548 (08062722)
Dept: Pediatrics

Peduzzi, Patricia  
Co-PI or Project Leader
Academic Administrative Units in Primary Care
PI: William Basco  
Sponsor: HRSA  
Total: $86,667
Award: 5 D54HP05448-05-00 (09021829-1)
Dept: Pediatrics

Peduzzi, Patricia  
Co-PI or Project Leader
Academic Administrative Units in Primary Care
PI: William Basco  
Sponsor: HRSA  
Total: $80,001
Award: 5 D54HP05448-05-00 (09021829-2)
Dept: Pediatrics

Peduzzi, Patricia  
Principal Investigator
Infant Well Child Care: Association with Readiness for 1st Grade Learning by Low Income Children
Sponsor: Commonwealth Fund  
Budget Dates: 01/01/10 - 12/31/10  
Direct: $14,965
Award: 20090162 (08122237)
Dept: Pediatrics

Medicaid Child Healthcare Quality and Cost: Need for a Paradigm Adjustment
Sponsor: HRSA  
Budget Dates: 02/01/10 - 01/31/11  
Direct: $39,647
Award: 1 R40MC17166-01-00 (09082891)
Dept: Pediatrics

Peduzzi, Patricia  
Principal Investigator
Osteoclast Inhibitory Peptide-1 Therapy for Paget's Disease
Sponsor: DOD  
Budget Dates: 08/01/09 - 07/31/10  
Direct: $250,072
Award: W81XWH-09-1-0548 (08062722)
Dept: Pediatrics

Peduzzi, Patricia  
Co-PI or Project Leader
Academic Administrative Units in Primary Care
PI: William Basco  
Sponsor: HRSA  
Total: $86,667
Award: 5 D54HP05448-05-00 (09021829-1)
Dept: Pediatrics

Peduzzi, Patricia  
Co-PI or Project Leader
Academic Administrative Units in Primary Care
PI: William Basco  
Sponsor: HRSA  
Total: $80,001
Award: 5 D54HP05448-05-00 (09021829-2)
Dept: Pediatrics
Annual Report for Research FY2010
College of Medicine

Research Faculty Activity

Pediatrics

Reigart, II, John

**Co-Investigator**

Pl: James Roberts  
Dept: Pediatrics  
Sponsor: EPA  
Award: X8-83384201-1 (09081138-1)  
Total: $ 72,035

Ringewald, Jeremy

**Co-Investigator**

The AMPLATZER Duct Occluder II in Patients with a Patent Ductus Arteriosus (ADO II Trail)
Pl: Varsha Bandisode  
Dept: Pediatrics  
Sponsor: Aga Medical Corp.  
Award: ADO II Trial (08092537-2)  
Total: $ 40,560

**Co-Investigator**

The AMPLATZER Duct Occluder II in Patients with a Patent Ductus Arteriosus (ADO II Trail)
Pl: Varsha Bandisode  
Dept: Pediatrics  
Sponsor: Aga Medical Corp.  
Award: ADO II Trial (08092537-3)  
Total: $ 20,280

Roberts, James

**Principal Investigator**

Pl: James Roberts  
Dept: Pediatrics  
Sponsor: EPA  
Award: X8-83384201-1 (09081138)  
Budget Dates: 08/01/09 - 07/31/11  
Direct: $ 72,035  
F & A: $ 21,611

Integrating Environmental Management of Pediatric Asthma into Health Care: Creating Faculty Champions at Medical Schools and Outreach to the Health Care Community
Pl: William Basco  
Dept: Pediatrics  
Sponsor: National Environmental Education Fdn.  
Award: 5 D54HP05448-05-00 (09021829-1)  
Budget Dates: 10/01/06 - 09/30/10  
Direct: $ 86,667  
F & A: $ 8,333

Evaluation of the Effect of the Faculty Champion Asthma Initiative
Pl: William Basco  
Dept: Pediatrics  
Sponsor: National Environmental Education Fdn.  
Award: 5 D54HP05448-05-00 (09021829-2)  
Budget Dates: 04/01/09 - 04/30/11  
Direct: $ 80,001  
F & A: $ 7,250

Ruth, Natasha

**Principal Investigator**

Randomized, Placebo Phase Study of Rilonacept in the Treatment of Systemic Juvenile Idiopathic Arthritis (RAPPORT)
Pl: Natasha Ruth  
Dept: Pediatrics  
Sponsor: Montefiore Medical Center  
Award: HHSN268200700015C (South (09042732)  
Budget Dates: 01/01/09 - 08/14/11  
Direct: $ 23,684  
F & A: $ 11,250

SINCERE: Safety in Idiopathic Arthritis: NSAIDS and Celebrex Evaluation Registry
Pl: Natasha Ruth  
Dept: Pediatrics  
Sponsor: Icon Clinical Research, Inc.  
Award: A3191344 (09061923)  
Budget Dates: 07/23/09 - 07/22/13  
Direct: $ 66,500  
F & A: $ 15,625

CARRA EDSS Study
Pl: Natasha Ruth  
Dept: Pediatrics  
Sponsor: Seattle Childrens Hospital  
Award: (09101201)  
Budget Dates: 01/01/09 - 12/31/11  
Direct: $ 1,040  
F & A: $ 260

Research Registry for Juvenile Rheumatoid Arthritis; JIA Genomics Study
Pl: Natasha Ruth  
Dept: Pediatrics  
Sponsor: Cincinnati Childrens Hospital  
Award: N01 AR042272 (09101299)  
Budget Dates: 10/13/09 - 09/29/10  
Direct: $ 11,967  
F & A: $ 4,972

Saul, J.

**Principal Investigator**

Research Training in Pediatric Cardiology
Pl: Natasha Ruth  
Dept: Pediatrics  
Sponsor: NIH/NHLBI  
Award: 5 T32 HL07710-15 (08121728)  
Budget Dates: 07/01/09 - 06/30/10  
Direct: $ 245,294  
F & A: $ 17,169

Musculoskeletal Phenotype of Marfan Patients; Ancillary Study to Angiotensin II Receptor Blocker vs Beta Blocker Therapy Clinical Trial
Pl: Natasha Ruth  
Dept: Pediatrics  
Sponsor: Johns Hopkins Univ.  
Award: 2000531302 (09061276)  
Budget Dates: 02/04/08 - 12/31/10  
Direct: $ 12,500  
F & A: $ 0

Arrhythmia after the Fontan Operation: Comparison of the Intracardiac Lateral Tunnel and the Extracardiac Conduit Procedures
Pl: Natasha Ruth  
Dept: Pediatrics  
Sponsor: Childrens Hosp. of Philadelphia  
Award: 729811-01-08/PO950396RSU (09070334)  
Budget Dates: 06/15/09 - 08/01/10  
Direct: $ 2,000  
F & A: $ 0

Medical University of South Carolina

127
Saul, J.  
**Principal Investigator**

**Randomized Clinical Trials for Pediatric Heart Disease**
Sponsor: NIH/NHLBI  
Award: 5 U01 HL068281-09 (09070973)  
Budget Dates: 09/01/09 - 08/31/10  
Project Dates: 09/01/01 - 08/31/11  
Direct: $194,200  
F & A: 89,332

**NERI/NIH Site Service Agreements**
Sponsor: New England Research Institutes  
Award: U01 HL068270 (09092924)  
Budget Dates: 06/01/08 - 12/31/10  
Project Dates: 06/01/08 - 12/31/11  
Direct: $117,188  
F & A: 32,812

**Dr. Andrew Atz Study Chair: Fontan and Fontan 2 Studies**
Sponsor: New England Research Institutes  
Award: U01 HL068270 (09092926)  
Budget Dates: 09/01/08 - 08/31/09  
Project Dates: 09/01/08 - 08/31/10  
Direct: $121,250  
F & A: 33,950

Shanmugarajan, Sriniva  
**Co-Investigator**

**Osteoclast Inhibitory Peptide-1 Therapy for Paget’s Disease**
PI: Sakamuri Reddy  
Dept: Pediatrics  
Sponsor: DOD  
Total: $250,072

Shirali, Girish  
**Principal Investigator**

**iE33 System and Investigational microTEE Transesophageal and X5-1 Engineering Clinical Evaluation**
Sponsor: Philips Medical Systems, NA  
Award: iE33 G4 (09031258)  
Budget Dates: 03/03/09 - 03/31/11  
Project Dates: 03/03/09 - 03/31/11  
Direct: $6,400  
F & A: 1,600

**Co-Investigator**

**Randomized Clinical Trials for Pediatric Heart Disease**
PI: J. Saul  
Dept: Pediatrics  
Sponsor: NIH/NHLBI  
Total: $194,200

Singh, Inderjit  
**Principal Investigator**

**Cytokines in Glial Cells and EAE Brain**
Sponsor: NIH/NINDS  
Award: 2 R01 NS037766-11 (09032415)  
Budget Dates: 08/01/09 - 11/30/10  
Project Dates: 08/01/09 - 11/30/14  
Direct: $218,750  
F & A: 103,906

**Fatty Acid Oxidation in X-Linked Adrenoleukodystrophy**
Sponsor: NIH/NINDS  
Award: 2 R01 NS022576-25 (09072873)  
Budget Dates: 09/09/85 - 01/31/15  
Project Dates: 09/09/85 - 01/31/15  
Direct: $218,750  
F & A: 103,906

Southgate, William  
**Principal Investigator**

**Sponsored Departmental Educational Activities**
Sponsor: Multiple Sponsors  
Award: Genzyme Funds (09111268)  
Budget Dates: 10/21/09 - 10/20/10  
Project Dates: 10/21/09 - 10/20/10  
Direct: $500  
F & A: 0

Spratt, Eve  
**Principal Investigator**

**Training CED/COR Pediatric and Child Psychiatry**
Sponsor: HRSA  
Award: 5 T20MC07467-04-00 (09100780)  
Budget Dates: 07/01/06 - 06/30/12  
Project Dates: 07/01/06 - 06/30/11  
Direct: $13,889  
F & A: 1,111

Taylor, Sarah  
**Principal Investigator**

**Identifying Vit D Deficiency and Effects in VLBW Infants**
Sponsor: NIH/NCCR  
Award: 5 K23 RR021891-03 (09070198)  
Budget Dates: 07/01/07 - 06/30/12  
Project Dates: 07/01/07 - 06/30/12  
Direct: $128,588  
F & A: 10,287

Virella-Lowell, Isabel  
**Principal Investigator**

**08-114: Open-Label, Extension of Study 08-110- A Multi-Center Denufosol Tetrasodium Inhalation Solution in Patients with Cystic Fibrosis Lung Disease**
Sponsor: Inspire Pharmaceuticals, Inc.  
Award: 08-114 (09061922)  
Budget Dates: 05/06/09 - 05/05/13  
Project Dates: 05/06/09 - 05/05/13  
Direct: $80,848  
F & A: 20,212

**Improving Nutritional Outcomes in the MUSC Cystic Fibrosis Population**
Sponsor: Cystic Fibrosis Fdn  
Award: VIREL09310 (09101315)  
Budget Dates: 12/01/09 - 11/30/10  
Project Dates: 12/01/08 - 11/30/10  
Direct: $25,000  
F & A: 2,000

**08-116: A Phase 2, Multi-Center, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, 7 Day Safety and Tolerability of Denufosol Tetrasodium Inhalation Solution Administered via PARI LC Star in Patients 2 to 4 Years of Age with Cystic Fibrosis**
Sponsor: Inspire Pharmaceuticals, Inc.  
Award: 08-116 (10062314)  
Budget Dates: 06/16/10 - 06/30/11  
Project Dates: 06/16/10 - 06/30/11  
Direct: $13,320  
F & A: 2,705
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<th>Name</th>
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<th>Budget Dates</th>
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<td>Virella-Lowell, Isabel</td>
<td>Co-PI or Project Leader</td>
<td>Care Center – Patient Registry</td>
<td>Cystic Fibrosis Fdn.</td>
<td>12/01/09 - 11/30/10</td>
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<td>Therapeutics Development Center</td>
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<td>12/01/09 - 11/30/10</td>
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<td>Wagner, Carol</td>
<td>Principal Investigator</td>
<td>Three-Year Follow-Up Study of a Vitamin D Supplementation Pregnancy Cohort in South Carolina</td>
<td>Thrasher Research Fund</td>
<td>01/01/07 - 05/31/08</td>
<td>$145,119</td>
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<td>Co-Investigator</td>
<td>Decision Support in the Care of Preterm Newborns-Tool Development</td>
<td>NIH/NHLBI</td>
<td>10/01/09 - 09/30/10</td>
<td>$69,755</td>
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<td>Establishing the Vitamin D Requirements During Lactation</td>
<td>NIH/NICHHD</td>
<td>05/01/10 - 04/30/11</td>
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<td>Wagner, Janelle</td>
<td>Principal Investigator</td>
<td>Coping with Epilepsy: A Program for Youth</td>
<td>Parents Against Childhood Epilepsy, Inc.</td>
<td>12/05/08 - 06/30/12</td>
<td>$11,225</td>
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<td>Genetic and Brain Mechanisms of Naltrexone: Treatment Efficacy for Alcoholism</td>
<td>NIH/NIAAA</td>
<td>05/01/10 - 04/30/11</td>
<td>$398,792</td>
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<td>Career Development and Mentoring in Clinical/Translational Alcohol Research</td>
<td>NIH/NIAAA</td>
<td>06/01/10 - 05/31/11</td>
<td>$207,787</td>
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<tr>
<td>Acienro, Ron</td>
<td>Principal Investigator</td>
<td>Sexual Assault and Domestic Violence Intervention: Training Program for Students in Health Professions</td>
<td>SC Dept. of Public Safety</td>
<td>12/01/09 - 09/30/10</td>
<td>$69,755</td>
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<td>Amstader, Ananda</td>
<td>Co-Investigator</td>
<td>Evaluation of Novel PTSD Risk Assessment Tools for Disaster-Exposed Youth</td>
<td>NIH/NIMH</td>
<td>05/01/10 - 04/30/11</td>
<td>$398,792</td>
<td>147,928</td>
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<td>Anton, Jr., Raymond</td>
<td>Principal Investigator</td>
<td>A Phase II, Multi-Center, Randomized, Double-Blind, Two-Stage, Clinical Trial to Evaluate the Efficacy and Safety of MK-0594 in Patients with Alcohol Dependence</td>
<td>Merck</td>
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<td>Genetic and Brain Mechanisms of Naltrexone: Treatment Efficacy for Alcoholism</td>
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<td>06/01/10 - 05/31/11</td>
<td>$207,787</td>
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</tbody>
</table>
### Anton, Jr., Raymond

**Co-PI or Project Leader**

**Alcohol Research Center - Treatment and Implications (Research Component 1)**  
**PI:** Carrie Randall  
**Dept:** Psychiatry and Behavioral Sciences  
**Sponsor:** NIH/NIAAA  
**Award:** 5 P50 AA010761-15 (09102247-4)  
**Total:** $79,090

**Training in Alcohol Research**  
**PI:** John Woodward  
**Dept:** Neurosciences  
**Sponsor:** NIH/NIAAA  
**Award:** 5 T32 AA007474-23 (09110540-1)  
**Total:** $326,745

**Co-Investigator**

**Alcohol Research Center - Treatment and Implications (Administrative Core)**  
**PI:** Carrie Randall  
**Dept:** Psychiatry and Behavioral Sciences  
**Sponsor:** NIH/NIAAA  
**Award:** 5 P50 AA010761-15 (09102247-2)  
**Total:** $316,523

### Back, Sudie

**Principal Investigator**

**Translational Research Training: Stress and Addiction**  
**Sponsor:** NIH/NIDA  
**Budget Dates:** 07/01/09 - 06/30/10  
**Direct:** $153,356  
**Award:** 5 K23 DA021228-03 (09051241)

**Fulbright Specialists Grant in Public/Global Health of the University of New South Wales, Australia**  
**Sponsor:** Fulbright Foreign Scholars  
**Budget Dates:** 05/01/10 - 06/05/10  
**Direct:** $8,581  
**Award:** 3834 (10032505)

### Becker, Howard

**Principal Investigator**

**Preclinical Medications Screening in Alcohol Dependence and Anxiety Models**  
**Sponsor:** NIH/NIDDK  
**Budget Dates:** 09/29/09 - 09/28/10  
**Direct:** $228,438  
**F & A:** $105,081  
**Award:** HHSN267200700038C (07050139)

**Repeated Ethanol: Subjective Effects and Ethanol Drinking**  
**Sponsor:** VAMC  
**Budget Dates:** 10/01/09 - 09/30/10  
**Direct:** $123,300  
**F & A:** $0  
**Award:** (07063034)

**Ethanol Dependence and Stress Effects on Ethanol Drinking: CRF and Neurosteroids**  
**Sponsor:** NIH/NIAAA  
**Budget Dates:** 07/15/09 - 06/30/10  
**Direct:** $42,869  
**F & A:** $0  
**Award:** 3 U01 AA014095-07S2 (09031990)

**Ethanol Dependence and Stress Effects on Ethanol Drinking: CRF and Neurosteroids**  
**Sponsor:** NIH/NIAAA  
**Budget Dates:** 09/30/09 - 09/29/11  
**Direct:** $354,489  
**F & A:** $138,766  
**Award:** 3 U01 AA014095-07S1 (09041593)

**Gene Expression Profiling in a Mouse Model of Ethanol Dependence and Drinking**  
**Sponsor:** NIH/NIAAA  
**Budget Dates:** 09/30/09 - 08/31/10  
**Direct:** $360,609  
**F & A:** $137,006  
**Award:** 1 RC1 AA019138-01 (09042150)

**Role of Amygdala Glutamate in Tolerance to the Aversive Effects of Ethanol**  
**Sponsor:** NIH/NIAAA  
**Budget Dates:** 09/01/09 - 08/31/11  
**Direct:** $196,038  
**F & A:** $69,462  
**Award:** 5 R01 AA018036-02 (09071628)

**Ethanol Dependence and Stress Effects on Ethanol Drinking: CRF and Neurosteroids**  
**Sponsor:** NIH/NIAAA  
**Budget Dates:** 03/01/10 - 01/31/11  
**Direct:** $287,293  
**F & A:** $132,155  
**Award:** 5 U01 AA014095-08 (09120333)

**Co-PI or Project Leader**

**Alcohol Research Center - Treatment and Implications (Research Component 2)**  
**PI:** Carrie Randall  
**Dept:** Psychiatry and Behavioral Sciences  
**Sponsor:** NIH/NIAAA  
**Award:** 5 P50 AA010761-15 (09102247-5)  
**Total:** $150,136
Becker, Howard

**Co-Investigator**
Ethanol Sensitivity of Native and Cloned NMDA Receptors
- **PI:** John Woodward
- **Sponsor:** NIH/NIAAA
- **Total:** $250,000
- **Dept:** Neurosciences
- **Award:** 2 R37 AA009986-15A1 (08071082-1)

**Effects of Chronic Alcohol Exposure on Synaptic Plasticity in the Prefrontal Cortex**
- **PI:** Sven Kroener
- **Sponsor:** NIH/NIAAA
- **Total:** $150,000
- **Dept:** Neurosciences
- **Award:** 1 R21 AA017527-01A2 (08110769-1)

**Alcohol Research Center - Treatment and Implications (Administrative Core)**
- **PI:** Carrie Randall
- **Sponsor:** NIH/NIAAA
- **Total:** $316,523
- **Dept:** Psychiatry and Behavioral Sciences
- **Award:** 5 P50 AA010761-15 (09102247-2)

**Significant Contributor**
Chronic Ethanol and SK2 Potassium Channels
- **PI:** Patrick Mulholland
- **Sponsor:** NIH/NIAAA
- **Total:** $128,652
- **Dept:** Neurosciences
- **Award:** 1 K99 AA017922-01A1 (08110559-1)

**Collaborator**
Chronic Alcohol-Induced Plasticity of the mPFC: Role for SK2 Channels
- **PI:** Patrick Mulholland
- **Sponsor:** Oregon Health Sciences Univ
- **Total:** $45,850
- **Dept:** Neurosciences
- **Award:** ABNEU0169M/U01 AA013641 (09092811-1)

Bernstein, Hilary

**Co-Investigator**
Methylphenidate-Ethanol Interactions in ADHD and Co-Abuse
- **PI:** Kennerly Patrick
- **Sponsor:** NIH/NIAAA
- **Total:** $196,628
- **Dept:** Pharmaceutical and Biomedical Science
- **Award:** 5 R01 AA016707-06 (09071516-1)

Best, Connie

**Co-Investigator**
Psychological Adjustment Following Coastal Disasters: Risk and Protective Factors for Families and Web-Based Curriculum Development
- **PI:** Kenneth Ruggiero
- **Sponsor:** Louisiana State University
- **Total:** $14,252
- **Dept:** Psychiatry and Behavioral Sciences
- **Award:** 37866/5-36435 (07070659-1)

Book, Sarah

**Co-PI or Project Leader**
Phased Treatment for Social Anxiety and Hazardous Drinking
- **PI:** Carrie Randall
- **Sponsor:** NIH/NIAAA
- **Total:** $388,721
- **Dept:** Psychiatry and Behavioral Sciences
- **Award:** 5 R01 AA013379-06 (09071304-1)

Borckardt, Jeffrey

**Principal Investigator**
TMS Effects on Pain
- **Sponsor:** NIH/NINDS
- **Award:** 5 K23 NS050485-05 (10020106)
- **Budget Dates:** 04/01/10 - 03/31/11
- **Direct:** $141,562
- **F & A:** 9,597

TMS In the Management of Post Operative Pain
- **Sponsor:** NIH/NINR
- **Award:** 5 R21 NR010635-02 (10031661)
- **Budget Dates:** 06/25/09 - 04/30/11
- **Direct:** $148,500
- **F & A:** 70,538

Brady, Kathleen

**Principal Investigator**
D-Cycloserine Facilitation of Cocaine-Cue Extinction
- **Sponsor:** NIH/NIDA
- **Award:** 3 R01 DA023188-02S1 (09041718)
- **Budget Dates:** 09/30/09 - 09/29/11
- **Direct:** $200,000
- **F & A:** 83,600

The Impact of Real-Time fMRI Feedback on Response to Nicotine Cues
- **Sponsor:** NIH/NIDA
- **Award:** 5 R21 DA026085-02 (09051574)
- **Budget Dates:** 09/15/08 - 06/30/10
- **Direct:** $173,001
- **F & A:** 77,311

Interdisciplinary Women's Health Research at MUSC
- **Sponsor:** NIH/NICHD
- **Award:** 5 K12 HD055885-03 (09052867)
- **Budget Dates:** 08/01/09 - 07/31/10
- **Direct:** $459,990
- **F & A:** 36,799
Brady, Kathleen

**Principal Investigator**

**South Carolina Consortium of the Clinical Trials Network**
- **Sponsor:** NIH/NIDA
- **Award:** 5 U10 DA013727-10 (09070197)
- **Budget Dates:** 09/01/09 - 08/31/10
- **Project Dates:** 09/30/00 - 08/31/10
- **Direct:** $895,473
- **F & A:** $354,527

**ORWH: SCOR on Sex and Gender Factors Affecting Womens Health**
- **Sponsor:** NIH/NIDA
- **Award:** 5 P50 DA016511-08 (09071076)
- **Budget Dates:** 07/01/09 - 06/30/10
- **Project Dates:** 09/30/02 - 06/30/12
- **Direct:** $586,751
- **F & A:** $263,613

**South Carolina Consortium of the Clinical Trials Network**
- **Sponsor:** NIH/NIDA
- **Award:** 3 U10 DA013727-10S1 (09071083)
- **Budget Dates:** 09/30/00 - 08/31/10
- **Project Dates:** 09/30/00 - 08/31/10
- **Direct:** $67,791
- **F & A:** $32,201

**South Carolina Clinical and Translational Research Institute (SCTR) (UL1)**
- **Sponsor:** NIH/NCRR
- **Award:** 1 UL1 RR029882-01 (09080615)
- **Budget Dates:** 07/14/09 - 03/31/10
- **Project Dates:** 07/14/09 - 03/31/10
- **Direct:** $2,466,971
- **F & A:** $534,538

**South Carolina Clinical and Translational Research Institute (SCTR) (KL2)**
- **Sponsor:** NIH/NCRR
- **Award:** 1 KL2 RR029880-01 (09080617)
- **Budget Dates:** 07/14/09 - 03/31/10
- **Project Dates:** 07/14/09 - 03/31/10
- **Direct:** $408,872
- **F & A:** $29,510

**Evaluating the Efficacy and Safety of GW823296 in PTSD NKG113211**
- **Sponsor:** GlaxoSmithKline
- **Award:** NKG113211 (09111371)
- **Budget Dates:** 09/25/09 - 08/31/10
- **Project Dates:** 09/25/09 - 08/31/10
- **Direct:** $132,455
- **F & A:** $32,364

**South Carolina Consortium of the Clinical Trials Network**
- **Sponsor:** NIH/NIDA
- **Award:** 3 U10 DA013727-10S2 (09113019)
- **Budget Dates:** 09/01/09 - 08/31/10
- **Project Dates:** 09/01/09 - 08/31/10
- **Direct:** $346,666
- **F & A:** $32,364

**Southeastern Node of the Clinical Trials Network**
- **Sponsor:** NIH/NIDA
- **Award:** 3 U10 DA013727-10S3 (10012019)
- **Budget Dates:** 09/01/09 - 08/31/10
- **Project Dates:** 09/01/09 - 08/31/10
- **Direct:** $59,369
- **F & A:** $2,280

**South Carolina Clinical and Translational Research Institute (SCTR)**
- **Sponsor:** NIH/NCRR
- **Award:** 5 UL1 RR029882-02 (10012894)
- **Budget Dates:** 04/01/10 - 03/31/11
- **Project Dates:** 07/14/09 - 03/31/10
- **Direct:** $2,690,701
- **F & A:** $576,767

**Drug Abuse Research Training (DART) Program**
- **Sponsor:** NIH/NIDA
- **Award:** 5 R25 DA020537-05 (10041308)
- **Budget Dates:** 06/01/10 - 05/31/11
- **Project Dates:** 06/01/08 - 05/31/12
- **Direct:** $278,351
- **F & A:** $22,268

**D-Cycloserine Facilitation of Cocaine-Cue Extinction**
- **Sponsor:** NIH/NIDA
- **Award:** 5 R01 DA023188-03 (10061554)
- **Budget Dates:** 04/01/10 - 03/31/11
- **Project Dates:** 07/14/09 - 03/31/10
- **Direct:** $248,603
- **F & A:** $112,747

**South Carolina Clinical and Translational Research Institute (SCTR- TL1)**
- **Sponsor:** NIH/NIDA
- **Award:** 5 TL1 RR029881-01 (09080616)
- **Budget Dates:** 07/14/09 - 03/31/14
- **Project Dates:** 07/14/09 - 03/31/14
- **Direct:** $511,140
- **F & A:** $31,171

**South Carolina Clinical and Translational Research Institute (SCTR) (KL2)**
- **Sponsor:** NIH/NCRR
- **Award:** 1 KL2 RR029880-01 (09080617)
- **Budget Dates:** 07/14/09 - 03/31/10
- **Project Dates:** 07/14/09 - 03/31/10
- **Direct:** $408,872
- **F & A:** $29,510

**Project Leader**

**Co-Investigator**

**Buspirone Treatment for Marijuana Dependence**
- **Sponsor:** NIH/NIDA
- **Award:** 5 R01 DA026782-01 (08090363-1)
- **Budget Dates:** 06/01/10 - 05/31/11
- **Project Dates:** 06/01/08 - 05/31/12
- **Direct:** $278,351
- **F & A:** $22,268

**Treatment Implications of Trauma Memory Modulation for PTSD and Alcohol Dependence**
- **Sponsor:** NIH/NIAAA
- **Award:** 1 RC1 AA019019-01 (09042276-1)
- **Budget Dates:** 04/01/10 - 03/31/11
- **Project Dates:** 04/01/10 - 03/31/11
- **Direct:** $325,881
- **F & A:** $18,994

**South Carolina Clinical and Translational Research Institute (SCTR)**
- **Sponsor:** NIH/NIDA
- **Award:** 5 TL1 RR029881-01 (10061554)
- **Budget Dates:** 07/14/09 - 03/31/14
- **Project Dates:** 07/14/09 - 03/31/14
- **Direct:** $342,724
- **F & A:** $22,618

**Co-PI or Project Leader**

**Translational Research in Addiction Center (TRAC) Year 04: Project 4**
- **PI:** Ronald See
- **Dept:** Neurosciences
- **Sponsor:** NIH/NIDA
- **Total:** $113,345

**Drug Abuse Research Training (DART) Program**
- **PI:** Aimee McRae
- **Dept:** Psychiatry and Behavioral Sciences
- **Sponsor:** NIH/NIDA
- **Total:** $234,220

**D-Cycloserine Facilitation of Cocaine-Cue Extinction**
- **PI:** Michael Saladin
- **Dept:** Health Sciences and Research
- **Sponsor:** NIH/NIDA
- **Total:** $270,492
Brady, Kathleen

Co-Investigator
A Controlled Trial of N-Acetylcysteine (NAC) in Cannabis-Dependent Adolescents
PI: Kevin Gray  Sponsor: NIH/NIDA  Total: $250,000
Dept: Psychiatry and Behavioral Sciences  Award: 1 R01 DA026777-01 (09042391-1)

Treatment Implications of Beta-Blockade Effects on Memory for Cocaine Craving
PI: Michael Saladin  Sponsor: NIH/NIDA  Total: $125,687
Dept: Health Sciences and Research  Award: 5 R21 DA025155-02 (09051898-1)

Alcohol Research Center - Treatment and Implications (Research Component 5)
PI: Carrie Randall  Sponsor: NIH/NIAAA  Total: $59,082
Dept: Psychiatry and Behavioral Sciences  Award: 1 R01 DA026782-02 (10040879-1)

GO Grant: An Open Source Research Permissions Management System for South Carolina
PI: Iain Sanderson  Sponsor: Univ. of South Carolina  Total: $83,640
Dept: Anesthesia and Perioperative Medicine  Award: 10-1746/1 RC2 LM010796-01 (09110950-2)

Buspirone Treatment for Marijuana Dependence
PI: Aimee McRae  Sponsor: NIH/NIDA  Total: $229,418
Dept: Psychiatry and Behavioral Sciences  Award: 5 R01 DA026782-02 (10040879-1)

Brawman-Mintzer, Olga

Principal Investigator
Efficacy and Safety of Lu AA21004 in Adults with Major Depressive Disorder
Sponsor: Quintiles Pacific, Inc.  Budget Dates: 06/18/10 - 11/30/11  Direct: $412,136
Award: LuAA21004_315 (10051743)  Project Dates: 06/18/10 - 11/30/11  F & A: 102,284

Co-Investigator
Evaluating Predictors and Interventions in Sphincter of Oddi Dysfunction (EPISOD)
PI: Peter Cotton  Sponsor: NIH/NIDDK  Total: $862,033
Dept: Medicine  Award: 5 U01 DK074739-03 (09050169-1)

Campbell, Laura

Co-Investigator
Identifying Cortical, Subcortical and Functional Neural Networks Associated with Weight Gain Following Gastric-Bypass Surgery
PI: Jeffrey Borckardt  Sponsor: The Obesity Society  Total: $25,242
Dept: Psychiatry and Behavioral Sciences  Award: (10012132-1)

Carpenter, Matthew

Principal Investigator
Stimulus Control and Trajectories of Adolescent Smoking
Sponsor: NIH/NIDA  Budget Dates: 09/01/09 - 08/31/10  Direct: $164,071
Award: 5 K23 DA020482-03 (09062661)  Project Dates: 09/30/07 - 08/31/12  F & A: 12,886

A Pilot RCT to Examine a Potentially Reduced Exposure Tobacco Product
Sponsor: Prevent Cancer Foundation  Budget Dates: 01/15/10 - 01/14/11  Direct: $40,000
Award: 10021611  Project Dates: 01/15/09 - 01/14/11  F & A: 0

A Novel Treatment to Boost Quit Attempts and Cessation among Unmotivated Smokers
Sponsor: NIH/NIDA  Budget Dates: 06/01/10 - 05/31/11  Direct: $241,740
Award: 5 R01 DA021619-04 (10031982)  Project Dates: 09/30/07 - 05/31/11  F & A: 105,558

Co-Investigator
A Controlled Trial of N-Acetylcysteine (NAC) in Cannabis-Dependent Adolescents
PI: Kevin Gray  Sponsor: NIH/NIDA  Total: $250,000
Dept: Psychiatry and Behavioral Sciences  Award: 1 R01 DA026777-01 (09042391-1)
Carpenter, Matthew  
**Co-Investigator**  
ORWH: SCOR on Sex and Gender Factors Affecting Women's Health (Project 4)  
PI: Kathleen Brady  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIDA  
Total: $168,341  
Award: 5 P50 DA016511-08 (09071076-4)

Web-Based Intervention for Disaster-Affected Adolescents and Families  
PI: Kenneth Ruggiero  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIMH  
Total: $654,168  
Award: 5 R01 MH081056-02 (09072764-1)

Chapman, Jason  
**Co-Investigator**  
Stage II Research on Outpatient Treatment for Adolescents with Comorbidity  
PI: Ashli Sheidow  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIDA  
Total: $456,746  
Award: 1 R01 DA025616-01A1 (08103021-1)

Enhancing Juvenile Drug Court Outcomes with EBPs  
PI: Scott Henggeler  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIDA  
Total: $460,451  
Award: 5 R01 DA019892-03 (09071405-1)

Cunningham, Phillippe  
**Principal Investigator**  
Interventionist Procedures for Adherence to Weight Loss Rec in Black Adolescents  
Sponsor: Wayne State Univ.  
Budget Dates: 09/28/09 - 06/30/10  
Direct: $17,052  
F & A: $8,100  
Award: WSU10040/U01 HL097889 (09031669)

Adherence to IDDM Regimen in Urban Youth  
Sponsor: Wayne State Univ.  
Budget Dates: 07/01/09 - 06/30/10  
Direct: $13,538  
F & A: $6,228  
Award: WSU00059-A3/R 01 DK059067 (09092167)

Multisystemic Therapy to Reduce Health Disparities in Adolescents with Asthma  
Sponsor: Wayne State Univ.  
Budget Dates: 09/01/08 - 06/30/13  
Direct: $22,197  
F & A: $10,544  
Award: WSU09002-A1/R01 HL087272 (09093031)

Danielson, Carla  
**Principal Investigator**  
Evaluation of Novel PTSD Risk Assessment Tools for Disaster-Exposed Youth  
Sponsor: NIH/NIMH  
Budget Dates: 08/01/09 - 06/30/10  
Direct: $181,215  
F & A: $83,843  
Award: 1 R21 MH086313-01 (08082534)

Charleston County Teen and Family EMPOWERR Program  
Sponsor: SAMHSA  
Budget Dates: 09/30/09 - 09/29/10  
Direct: $255,006  
F & A: $80,327  
Award: 5 U79 SP015156-02 (09030294)

Risk Reduction for Drug Use and Sexual Revictimization  
Sponsor: NIH/NIDA  
Budget Dates: 07/01/09 - 06/30/10  
Direct: $155,263  
F & A: $12,373  
Award: 5 K23 DA018686-04 (09051580)

De Arellano, Michael  
**Principal Investigator**  
Violence against Hispanic Women Network  
Sponsor: SC Dept. of Public Safety  
Budget Dates: 10/01/09 - 09/30/10  
Direct: $88,236  
F & A: $0  
Award: 1KS09017 (09092708)

Co-Investigator  
Intensive Case Management for Family Members of Homicide Victims in Rural Settings: The Lowcountry of South Carolina  
PI: Alyssa Rheingold  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: Department of Justice  
Total: $139,906  
Award: 2009-VF-GX-K009 (09012035-1)
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<tr>
<th>De Arellano, Michael</th>
<th>Co-Investigator</th>
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<tbody>
<tr>
<td>Charleston County Teen and Family EMPOWERR Program</td>
<td>Psychiatry and Behavioral Sciences</td>
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<tr>
<td>PI: Carla Danielson</td>
<td>Sponsor: SAMHSA</td>
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<td>Dept: Psychiatry and Behavioral Sciences</td>
<td>Award: 5 U79 SP015156-02 (09030294-1)</td>
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<td>Trauma Learning Collaborative for DC (TLC for DC)</td>
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<tr>
<td>PI: Benjamin Saunders</td>
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<tr>
<td>Drug Abuse Research Training (DART) Program</td>
<td>Psychiatry and Behavioral Sciences</td>
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<tr>
<td>PI: Kathleen Brady</td>
<td>Sponsor: NIH/NIDA</td>
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<tr>
<td>Dept: Psychiatry and Behavioral Sciences</td>
<td>Award: 5 R25 DA020537-05 (10030296-1)</td>
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<thead>
<tr>
<th>Devane, C.</th>
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<tbody>
<tr>
<td><strong>Aripiprazole Intramuscular Depot Program in Schizophrenia</strong></td>
<td>Psychiatry and Behavioral Sciences</td>
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<tr>
<td>Sponsor: Covance, Inc.</td>
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<tbody>
<tr>
<td><strong>Bipolar Disorder in Pregnancy: Predictors of Morbidity</strong></td>
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<td>Sponsor: Emory Univ.</td>
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<tr>
<th>Donovan, Jennifer</th>
<th>Co-Investigator</th>
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<tbody>
<tr>
<td><strong>A Randomized, Double-Blind, Placebo-Controlled Study of Omega-3 Fatty Acid Supplementation in Autism</strong></td>
<td>Psychiatry and Behavioral Sciences</td>
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<tr>
<td>PI: Laura Carpenter</td>
<td>Sponsor: Autism Speaks</td>
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<td>Dept: Pediatrics</td>
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| Aripiprazole Intramuscular Depot Program in Schizophrenia | Psychiatry and Behavioral Sciences |
| PI: C. Devane | Sponsor: Covance, Inc. |
| Dept: Psychiatry and Behavioral Sciences | Award: 31-07-247 (09010874-2) |
| **Total:** $ 188,875 | |

| Aripiprazole Intramuscular Depot Program in Schizophrenia | Psychiatry and Behavioral Sciences |
| PI: C. Devane | Sponsor: Covance, Inc. |
| Dept: Psychiatry and Behavioral Sciences | Award: 31-08-248 (09062239) |
| **Total:** $ 301,100 | |

Medical University of South Carolina 135
Donovan, Jennifer

**Co-Investigator**

Aripiprazole Intramuscular Depot Program in Schizophrenia  
PI: C. Devane  
Sponsor: Covance, Inc.  
Dept: Psychiatry and Behavioral Sciences  
Award: 31-08-248 (09062239-2)

Antipsychotic Discontinuation in Alzheimer's Disease  
PI: Jacobo Mintzer  
Sponsor: Research Fdn. for Mental Hyg  
Dept: Neurosciences  
Award: 23532/5 R01 AG021489-05 (09082477-1)

Southeastern Node of the Clinical Trials Network  
PI: Kathleen Brady  
Sponsor: NIH/NIDA  
Dept: Psychiatry and Behavioral Sciences  
Award: 3 U10 DA013727-10S3 (10012019-1)

Gass, Justin

**Principal Investigator**

Glutamate Transmission During Cue-Induced Reinstatement of Alcohol Seeking  
Sponsor: NIH/NIAAA  
Budget Dates: 09/30/09 - 03/28/10  
Direct: $25,855  
Award: 1 F32 AA017820-01A1 (08120255)

George, Mark

**Principal Investigator**

A Unified Neuroanatomical Model of Speech Production and Perception: Implications for Apraxia of Speech and Conduction Aphasia  
Sponsor: Univ. of South Carolina  
Budget Dates: 02/25/09 - 01/31/10  
Direct: $21,541  
Award: 09-1649/1 R01 DC00957-01 (08122239)

**Co-Investigator**

Optimization of TMS for Depression - Coordinating Center  
Sponsor: NIH/NIMH  
Budget Dates: 06/01/09 - 05/31/10  
Direct: $125,615  
Award: 3 R01 MH069887-04S1 (09042033)

Optimization of TMS for Depression - Clinical Center  
Sponsor: NIH/NIMH  
Budget Dates: 06/01/09 - 05/31/10  
Direct: $53,335  
Award: 3 R01 MH069896-04S1 (09042035)

PTSD/TBI Clinical Site Award  
Sponsor: SC Research Authority  
Budget Dates: 09/15/09 - 09/14/10  
Direct: $26,440  
Award: 2009-114 (09103088)

Palmetto Academy Site in Brain Imaging and Brain Stimulation  
Sponsor: Coll. of Charleston  
Budget Dates: 03/01/10 - 02/28/11  
Direct: $0  
Award: NNG05G168G (09121067)

**Co-PI or Project Leader**

The Impact of Real-Time fMRI Feedback on Response to Nicotine Cues  
PI: Kathleen Brady  
Sponsor: NIH/NIDA  
Dept: Psychiatry and Behavioral Sciences  
Total: $173,001  
Award: 5 R21 DA026085-02 (09051574-1)

Co-Investigator  

D-Cycloserine Facilitation of Cocaine-Cue Extinction  
PI: Kathleen Brady  
Sponsor: NIH/NIDA  
Dept: Psychiatry and Behavioral Sciences  
Total: $200,000  
Award: 3 R01 DA023188-02S1 (09041718-1)

Translational Research in Addiction Center (TRAC) Year 04: Project 2  
PI: Ronald See  
Sponsor: NIH/NIDA  
Dept: Neurosciences  
Total: $130,871  
Award: 6 P20 DA022658-04 (09110437-4)

TMS In the Management of Post Operative Pain  
PI: Jeffrey Borckardt  
Sponsor: NIH/NINR  
Dept: Psychiatry and Behavioral Sciences  
Total: $148,500  
Award: 5 R21 NR010635-02 (10031661-1)

Gray, Kevin

**Principal Investigator**

A Controlled Trial of N-Acetylcysteine (NAC) in Cannabis-Dependent Adolescents  
Sponsor: NIH/NIDA  
Budget Dates: 08/01/09 - 07/31/10  
Direct: $250,000  
Award: 1 R01 DA026777-01 (09042391)
Gray, Kevin

**Co-Investigator**

**Buspirone Treatment for Marijuana Dependence**  
**PI:** Aimee McRae  
**Sponsor:** NIH/NIDA  
**Total:** $234,220

**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 1 R01 DA026782-01 (08090363-1)

**Treatment Implications of Trauma Memory Modulation for PTSD and Alcohol Dependence**  
**PI:** Michael Saladin  
**Sponsor:** NIH/NIAAA  
**Total:** $270,492

**Dept:** Health Sciences and Research  
**Award:** 1 RC1 AA019019-01 (09042276-1)

**South Carolina Consortium of the Clinical Trials Network**  
**PI:** Kathleen Brady  
**Sponsor:** NIH/NIDA  
**Total:** $895,473

**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 5 U10 DA013727-10 (09070197-1)

**A Novel Treatment to Boost Quit Attempts and Cessation among Unmotivated Smokers**  
**PI:** Matthew Carpenter  
**Sponsor:** NIH/NIDA  
**Total:** $241,740

**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 5 R01 DA021619-04 (10031982-1)

**Griffin, III, William**

**Co-Investigator**

**Drug Transporters and the Disposition of ADHD Therapeutic Agents**  
**PI:** John Markowitz  
**Sponsor:** NIH/NIDA  
**Total:** $225,635

**Dept:** Pharmaceutical and Biomedical Science  
**Award:** 5 R01 DA022475-03 (09061716-1)

**Methylphenidate-Ethanol Interactions in ADHD and Co-Abuse**  
**PI:** Kennerly Patrick  
**Sponsor:** NIH/NIAAA  
**Total:** $196,628

**Dept:** Pharmaceutical and Biomedical Science  
**Award:** 5 R01 AA016707-06 (09071516-1)

**Role of Amygdala Glutamate in Tolerance to the Aversive Effects of Ethanol**  
**PI:** Howard Becker  
**Sponsor:** NIH/NIAAA  
**Total:** $196,038

**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 5 R01 AA018036-02 (09071628-1)

**Ethanol Dependence and Stress Effects on Ethanol Drinking: CRF and Neurosteroids**  
**PI:** Howard Becker  
**Sponsor:** NIH/NIAAA  
**Total:** $287,293

**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 5 U01 AA014095-08 (09120333-1)

**Grubaugh, Anouk**

**Principal Investigator**

**Improving Mental Health Services for Diverse Veterans with PTSD and SMI**  
**Sponsor:** VAMC  
**Budget Dates:** 01/01/10 - 12/31/10  
**Direct:** $149,100

**Award:** (08042274)  
**Project Dates:** 01/01/08 - 12/31/11  
**F & A:** 0

**Hamner, Mark**

**Principal Investigator**

**A Randomized, Placebo-Controlled Trial of Quetiapine (Seroquel) Monotherapy in the Treatment of PTSD**  
**Sponsor:** Astrazeneca  
**Budget Dates:** 11/01/02 - 12/31/09  
**Direct:** $1,426

**Award:** (02112204)  
**Project Dates:** 11/01/02 - 12/31/09  
**F & A:** 357

**A 38-Week, Multi-Center, Randomized, Double-Blind, Active-Controlled Study to Evaluate the Efficacy, Safety, and Tolerance of an Intramuscular Depot Formulation of Aripiprazole (OPC-14597) as Maintenance Treatment (Aripiprazole Intramuscular Depot Program in Schizophrenia)**  
**Sponsor:** Covance, Inc.  
**Budget Dates:** 01/28/09 - 04/30/11  
**Direct:** $19,549

**Award:** 31-07-247 (09012253)  
**Project Dates:** 01/28/09 - 04/30/11  
**F & A:** 4,888

**A 52-Week, Multi-Center, Open-Label Study to Evaluate the Effectiveness of Aripiprazole Intramuscular Depot as Maintenance Treatment in Patients with Schizophrenia**  
**Sponsor:** Covance, Inc.  
**Budget Dates:** 07/21/09 - 07/31/11  
**Direct:** $360,000

**Award:** 31-08-248 (09071626)  
**Project Dates:** 07/21/09 - 07/31/11  
**F & A:** 75,750

**Ziprazodone Augmentation for Treatment-Resistant PTSD in Veterans of the Iraq/Afghanistan Conflicts**  
**Sponsor:** Pfizer, Inc.  
**Budget Dates:** 10/01/09 - 10/30/10  
**Direct:** $224,731

**Award:** WS499689 (09100673)  
**Project Dates:** 10/01/09 - 10/30/10  
**F & A:** 55,433

**Hanson, Rochelle**

**Principal Investigator**

**Intensive Case Management for Crime Victims**  
**Sponsor:** SC Dept. of Public Safety  
**Budget Dates:** 07/01/09 - 06/30/10  
**Direct:** $57,060

**Award:** 1VS09006 (09021831)  
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Henggeler, Scott

Co-Investigator
Stage II Research on Outpatient Treatment for Adolescents with Comorbidity
PI: Ashli Sheidow  Sponsor: NIH/NIDA  Total: $456,746
Dept: Psychiatry and Behavioral Sciences  Award: 1 R01 DA025616-01A1 (08103021-1)

Holes-Lewis, Kelly

Principal Investigator
CCK-Dysregulation: Mechanisms of Abnormal Food Regulation and Obesity
Sponsor: Soc. of Nuclear Medicine Fdn.  Budget Dates: 01/01/10 - 12/31/10  Direct: $2,500
Award: (09121812)  F & A: 0

Killeen, Therese

Principal Investigator
A Randomized Trial of Concurrent Treatment for PTSD and Substance Dependence
Sponsor: City College of New York  Budget Dates: 01/01/09 - 06/30/10  Direct: $24,695
Award: (09071087)  Project Dates: 09/01/08 - 06/30/11  F & A: 11,731

Co-Investigator
Buspirone Treatment for Marijuana Dependence
PI: Aimee McRae  Sponsor: NIH/NIDA  Total: $234,220
Dept: Psychiatry and Behavioral Sciences  Award: 1 R01 DA026782-01 (08090363-1)

A Controlled Trial of N-Acetylcysteine (NAC) in Cannabis-Dependent Adolescents
PI: Kevin Gray  Sponsor: NIH/NIDA  Total: $250,000
Dept: Psychiatry and Behavioral Sciences  Award: 1 R01 DA026777-01 (09042391-1)

South Carolina Consortium of the Clinical Trials Network
PI: Kathleen Brady  Sponsor: NIH/NIDA  Total: $895,473
Dept: Psychiatry and Behavioral Sciences  Award: 5 U10 DA013727-10 (09070197-1)

Evaluating the Efficacy and Safety of GW823296 in PTSD NKG113211
PI: Kathleen Brady  Sponsor: GlaxoSmithKline  Total: $126,055
Dept: Psychiatry and Behavioral Sciences  Award: NKG113211 (09111371-1)

Evaluating the Efficacy and Safety of GW823296 in PTSD NKG113211
PI: Kathleen Brady  Sponsor: GlaxoSmithKline  Total: $6,400
Dept: Psychiatry and Behavioral Sciences  Award: NKG113211 (09111371-2)

Buspirone Treatment for Marijuana Dependence
PI: Aimee McRae  Sponsor: NIH/NIDA  Total: $229,418
Dept: Psychiatry and Behavioral Sciences  Award: 5 R01 DA026782-02 (10040879-1)

D-Cycloserine Facilitation of Cocaine-Cue Extinction
PI: Kathleen Brady  Sponsor: NIH/NIDA  Total: $248,603
Dept: Psychiatry and Behavioral Sciences  Award: 5 R01 DA023188-03 (01430108-1)

Kilpatrick, Dean

Principal Investigator
National Center for Disaster Mental Health Research - Phase I
Sponsor: Dartmouth Coll.  Budget Dates: 09/01/08 - 08/31/09  Direct: $1,309
Award: 365/SP60MH082598-2 (08102778)  Project Dates: 09/01/08 - 08/31/09  F & A: 602

Traumatic Stress Across the Lifespan: A Biopsychosocial Training Program
Sponsor: NIH/NIMH  Budget Dates: 07/01/09 - 06/30/10  Direct: $279,857
Award: 5 T32 MH018869-22 (09040163)  Project Dates: 01/01/88 - 06/30/13  F & A: 21,649

The Psychobiology of Trauma and Resilience Across the Lifespan
Sponsor: NIH/NIMH  Budget Dates: 08/01/09 - 07/31/10  Direct: $51,178
Award: 5 R13 MH078814-04 (09072457)  Project Dates: 07/05/07 - 07/31/10  F & A: 0

National Center for Disaster Mental Health Research - Phase I
Sponsor: Dartmouth Coll.  Budget Dates: 09/01/09 - 08/31/10  Direct: $17,866
Award: 365/P60 MH082598-3 (09100568)  Project Dates: 09/01/09 - 08/31/09  F & A: 8,486

National Center for Disaster Mental Health Research-Phase II
Sponsor: Dartmouth Coll.  Budget Dates: 09/01/09 - 08/31/10  Direct: $47,863
Award: 496/P60 MH082598-03 (09100569)  Project Dates: 09/23/08 - 08/31/12  F & A: 21,235

Co-Investigator
Intensive Case Management for Family Members of Homicide Victims in Rural Settings: The Lowcountry of South Carolina
PI: Alyssa Rheingold  Sponsor: Department of Justice  Total: $139,906
Dept: Psychiatry and Behavioral Sciences  Award: 2009-VF-GX-K009 (09012035-1)
Kilpatrick, Dean
Co-Investigator
Prevention of Postrape Drug Abuse: Replication Study
PI: Heidi Resnick
Dept: Psychiatry and Behavioral Sciences
Sponsor: NIH/NIDA
Award: 5 R01 DA023099-02 (09052234-1)
Total: $ 498,384

Web-Based Intervention for Disaster-Affected Adolescents and Families
PI: Kenneth Ruggiero
Dept: Psychiatry and Behavioral Sciences
Sponsor: NIH/NIMH
Award: 5 R01 MH081056-02 (09072764-1)
Total: $ 654,168

Kryway, Elisabeth
Significant Contributor
Evaluating the Efficacy and Safety of GW823296 in PTSD NKG113211
PI: Kathleen Brady
Dept: Psychiatry and Behavioral Sciences
Sponsor: GlaxoSmithKline
Award: NKG113211 (09111371-1)
Total: $ 498,348

Larowe, Steven
Co-Investigator
Treatment Implications of Trauma Memory Modulation for PTSD and Alcohol Dependence
PI: Michael Saladin
Dept: Health Sciences and Research
Sponsor: NIH/NIAAA
Award: 1 RC1 AA019019-01 (09042276-1)
Total: $ 270,492

CBT and Modafinil for Cocaine Addiction
PI: Robert Malcolm, Jr.
Dept: Psychiatry and Behavioral Sciences
Sponsor: NIH/NIDA
Award: 5 R01 DA016368-06 (09050831-1)
Total: $ 250,000

ORWH: SCOR on Sex and Gender Factors Affecting Womens Health (Project 4)
PI: Kathleen Brady
Dept: Psychiatry and Behavioral Sciences
Sponsor: NIH/NIDA
Award: 5 P50 DA016511-08 (09071076-4)
Total: $ 168,341

Letourneau, Elizabeth
Principal Investigator
Multi-State Recidivism Study Using Static-99 Risk Scores and Tier Guidelines from the Adam Walsh Act
Sponsor: New Jersey Dept. of Corrections
Budget Dates: 10/01/08 - 02/28/11
Direct: $ 43,823
F & A: 20,816
Award: 2008-MU-MU-0001/01 (08100378)
Project Dates: 10/01/08 - 02/28/11

Adapting MST to Address Transmission Risk Behaviors in HIV+ Young People - Administrative Supplement
Sponsor: NIH/NIMH
Budget Dates: 02/01/09 - 01/31/11
Direct: $ 50,000
F & A: 23,750
Award: 5 R34 MH077500-04 (09042411)
Project Dates: 02/01/07 - 01/31/11

Targeting HIV Risks Behaviors in Juvenile Drug Court-Involved Youth
Sponsor: NIH/NIDA
Budget Dates: 07/01/09 - 06/30/10
Direct: $ 329,131
F & A: 156,337
Award: 5 R01 DA025880-02 (09051581)
Project Dates: 09/25/08 - 06/30/13

Li, Xingbao
Co-Investigator
Optimization of TMS for Depression - Clinical Center
PI: Mark George
Dept: Psychiatry and Behavioral Sciences
Sponsor: NIH/NIMH
Award: 3 R01 MH069896-04S1 (09042035-1)
Total: $ 53,335

The Impact of Real-Time fMRI Feedback on Response to Nicotine Cues
PI: Kathleen Brady
Dept: Psychiatry and Behavioral Sciences
Sponsor: NIH/NIDA
Award: 5 R21 DA026085-02 (09051574-1)
Total: $ 173,001

Lopez, Marcelo
Co-PI or Project Leader
Role of Amygdala Glutamate in Tolerance to the Aversive Effects of Ethanol
PI: Howard Becker
Dept: Psychiatry and Behavioral Sciences
Sponsor: NIH/NIAAA
Award: 5 R01 AA018036-02 (09071628-1)
Total: $ 196,038

Preclinical Medications Screening in Alcohol Dependence and Anxiety Models
PI: Howard Becker
Dept: Psychiatry and Behavioral Sciences
Sponsor: NIH/NIDDK
Award: HHSN267200700038C (07050139-3)
Total: $ 228,438

Ethanol Dependence and Stress Effects on Ethanol Drinking: CRF and Neurosteroids
PI: Howard Becker
Dept: Psychiatry and Behavioral Sciences
Sponsor: NIH/NIAAA
Award: 3 U01 AA014095-07S1 (09041593-1)
Total: $ 354,489
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<td>Ethanol Dependence and Stress Effects on Ethanol Drinking: CRF and Neurosteroids</td>
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<td><strong>Madan, Alok</strong></td>
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<td>Identifying Cortical, Subcortical and Functional Neural Networks Associated with Weight Gain Following Gastric-Bypass Surgery</td>
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<td>Patient and Provider Outcomes of E-Learning in CAMS</td>
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<td>Oral Home Telecare for Tetraplegics</td>
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<td><strong>Malcolm, Jr., Robert</strong></td>
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<td>Translational Research in Addiction Center (TRAC) Year 04: Project 2</td>
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<td>A Controlled Trial of N-Acetylcysteine (NAC) in Cannabis-Dependent Adolescents</td>
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Middaugh, Lawrence

Co-PI or Project Leader

Dual-Hit Hypothesis of Aging Related DA Dysfunction: Core A
PI: Ann-Charlotte Granholm
Sponsor: NIH/NIA
Dept: Neurosciences
Award: 5 P01 AG023630-05 (09043068-2)
Total: $ 66,001

Co-Investigator

Alcohol Research Center - Treatment and Implications (Research Component 2)
PI: Carrie Randall
Sponsor: NIH/NIAAA
Dept: Psychiatry and Behavioral Sciences
Award: 5 P50 AA010761-15 (09102247-5)
Total: $ 150,136

Miller, Peter

Principal Investigator

Implementation of Alcohol Screening, Intervention and Treatment in Primary Care
Sponsor: NIH/NIAAA
Award: 5 R01 AA016768-02 (09071518)
Total: $ 382,539

Co-PI or Project Leader

Alcohol Research Center - Treatment and Implications (Shared Core)
PI: Carrie Randall
Sponsor: NIH/NIAAA
Dept: Psychiatry and Behavioral Sciences
Award: 5 P50 AA010761-15 (09102247-3)
Total: $ 265,289

Co-Investigator

Phosphatidylethanol as an Alcohol Biomarker in Patients with Liver Disease
PI: Scott Stewart
Sponsor: NIH/NIAAA
Dept: Psychiatry and Behavioral Sciences
Award: 1 R01 AA017911-01A1 (08071613-1)
Total: $ 200,000

Phased Treatment for Social Anxiety and Hazardous Drinking
PI: Carrie Randall
Sponsor: NIH/NIAAA
Dept: Psychiatry and Behavioral Sciences
Award: 5 R01 AA013379-06 (09071304-1)
Total: $ 388,721
Myrick, Donald  

**Co-PI or Project Leader**  
Alcohol Research Center - Treatment and Implications (Research Component 3)  
Pl: Carrie Randall  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIAAA  
Award: 5 P50 AA010761-15 (09102247-6)  
Total: $ 45,876

**Co-Investigator**  
Alcohol Research Center - Treatment and Implications (Research Component 1)  
Pl: Carrie Randall  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIAAA  
Award: 5 P50 AA010761-15 (09102247-4)  
Total: $ 79,090

**Translational Research in Addiction Center (TRAC) Year 04; Project 2**  
Pl: Ronald See  
Dept: Neurosciences  
Sponsor: NIH/NIDA  
Award: 5 P20 DA022658-04 (09110437-4)  
Total: $ 130,871

**Genetic and Brain Mechanisms of Naltrexone: Treatment Efficacy for Alcoholism**  
Pl: Raymond Anton, Jr.  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIAAA  
Award: 5 R01 AA017633-02 (10031247)  
Total: $ 398,792

Nahas, Ziad  

**Principal Investigator**  
Using Neuroimaging, Quantitative EEG and Genetics to Diagnose Depression  
Sponsor: Hope for Depression Research Fdn.  
Budget Dates: 01/01/10 - 12/31/10  
Direct: $ 50,000

**Mentor**  
Drug Abuse Research Training (DART) Program  
Pl: Kathleen Brady  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIDA  
Award: 5 R25 DA020537-05 (10030296-1)  
Total: $ 278,351

O'Neil, Patrick  

**Principal Investigator**  
A Pilot Study to Evaluate a Revised Method of Assessing Food in a Commercial Weight Management Program Format  
Sponsor: Weight Watchers International, Inc.  
Budget Dates: 10/04/08 - 12/31/10  
Direct: $ 22,000

**TRIM II - A Pilot Study**  
Sponsor: SC Research Authority  
Budget Dates: 01/16/10 - 06/15/11  
Direct: $ 10,168

Obeid, Jihad  

**Co-Investigator**  
GO Grant: An Open Source Research Permissions Management System for South Carolina  
Pl: Iain Sanderson  
Dept: Anesthesia and Perioperative Medicine  
Sponsor: Univ. of South Carolina  
Award: 10-1746/1 RC2 LM010796-01 (09110950-1)  
Total: $ 157,454

**GO Grant: An Open Source Research Permissions Management System for South Carolina**  
Pl: Iain Sanderson  
Dept: Anesthesia and Perioperative Medicine  
Sponsor: Univ. of South Carolina  
Award: 10-1746/1 RC2 LM010796-01 (09110950-2)  
Total: $ 83,640

Olive, Michael  

**Principal Investigator**  
Examining the Effects of the Novel ALDH2 Inhibitor CVT-10216 on Basal and Ethanol-Stimulated Release in the Nucleus Accumbens  
Sponsor: CV Therapeutics, Inc.  
Budget Dates: 05/01/07 - 06/15/10  
Direct: $ 3,425

mGluR5 Antagonists for Methamphetamine Addiction  
Sponsor: NIH/NIDA  
Budget Dates: 08/01/09 - 06/30/10  
Direct: $ 206,441

Metabotropic Glutamate Receptor Signaling and Extinction Learning  
Sponsor: NIH/NIDA  
Budget Dates: 07/01/09 - 06/30/10  
Direct: $ 196,000

Control of Ethanol Intake by an mGluR5-PKCe Pathway  
Sponsor: NIH/NIAAA  
Budget Dates: 05/01/10 - 04/30/11  
Direct: $ 188,100

Alcohol and Mesolimbic Glutamatergic Transmission  
Sponsor: Univ. of Medicine & Dentistry of NJ  
Budget Dates: 04/01/10 - 06/30/10  
Direct: $ 5,501
### Olive, Michael

#### Co-Investigator

**Ethanol Sensitivity of Native and Cloned NMDA Receptors**
- **PI:** John Woodward
- **Dept:** Neurosciences
- **Sponsor:** NIH/NIAAA
- **Award:** 2 R37 AA009986-15A1 (08071082-1)
- **Total:** $250,000

**Ethanol Dependence and Stress Effects on Ethanol Drinking: CRF and Neurosteroids**
- **PI:** Howard Becker
- **Dept:** Psychiatry and Behavioral Sciences
- **Sponsor:** NIH/NIAAA
- **Award:** 3 U01 AA014095-07S2 (09031980-1)
- **Total:** $42,869

**Ethanol Dependence and Stress Effects on Ethanol Drinking: CRF and Neurosteroids**
- **PI:** Howard Becker
- **Dept:** Psychiatry and Behavioral Sciences
- **Sponsor:** NIH/NIAAA
- **Award:** 3 U01 AA014095-07S1 (09041593-1)
- **Total:** $354,489

**Ethanol Dependence and Stress Effects on Ethanol Drinking: CRF and Neurosteroids**
- **PI:** Howard Becker
- **Dept:** Psychiatry and Behavioral Sciences
- **Sponsor:** NIH/NIAAA
- **Award:** 5 U01 AA014095-08 (09120333-1)
- **Total:** $287,293

### Randall, Carrie

#### Principal Investigator

**Alcohol Research Center - Treatment and Implications**
- **Sponsor:** NIH/NIAAA
- **Budget Dates:** 08/17/09 - 07/31/10
- **Direct:** $67,458
- **Award:** 3 P50 AA010761-14S1 (09042410)

**Mentoring and Career Development in Alcohol Research**
- **Sponsor:** NIH/NIAAA
- **Budget Dates:** 09/01/09 - 08/31/10
- **Direct:** $140,972
- **Award:** 5 K24 AA013314-09 (09062556)

**Phased Treatment for Social Anxiety and Hazardous Drinking**
- **Sponsor:** NIH/NIAAA
- **Budget Dates:** 09/01/09 - 08/31/10
- **Direct:** $388,721
- **Award:** 5 R01 AA013379-06 (09071304)

**Alcohol Research Center - Treatment and Implications**
- **Sponsor:** NIH/NIAAA
- **Budget Dates:** 01/01/10 - 12/31/10
- **Direct:** $1,162,395
- **Award:** 5 P50 AA010761-15 (09102247)

#### Co-Investigator

**South Carolina Consortium of the Clinical Trials Network**
- **PI:** Kathleen Brady
- **Dept:** Psychiatry and Behavioral Sciences
- **Sponsor:** NIH/NIDA
- **Total:** $895,473
- **Award:** 5 U10 DA013727-10 (09070197-1)

### Randall, Patrick

#### Co-PI or Project Leader

**Dual-Hit Hypothesis of Aging Related DA Dysfunction: Core C**
- **PI:** Ann-Charlotte Granholm
- **Dept:** Neurosciences
- **Sponsor:** NIH/NIAA
- **Total:** $33,606
- **Award:** 5 P01 AG023630-05 (09043068-4)

**Phosphatidylethanol as an Alcohol Biomarker in Patients with Liver Disease**
- **PI:** Scott Stewart
- **Dept:** Psychiatry and Behavioral Sciences
- **Sponsor:** NIH/NIAAA
- **Total:** $200,000
- **Award:** 1 R01 AA017911-01A1 (08071613-1)

**Phased Treatment for Social Anxiety and Hazardous Drinking**
- **PI:** Carrie Randall
- **Dept:** Psychiatry and Behavioral Sciences
- **Sponsor:** NIH/NIAAA
- **Total:** $388,721
- **Award:** 5 R01 AA013379-06 (09071304)

**Alcohol Research Center - Treatment and Implications (Research Component 2)**
- **PI:** Carrie Randall
- **Dept:** Psychiatry and Behavioral Sciences
- **Sponsor:** NIH/NIAAA
- **Total:** $150,136
- **Award:** 5 P50 AA010761-15 (09102247-5)

**Alcohol Research Center - Treatment and Implications (Research Component 3)**
- **PI:** Carrie Randall
- **Dept:** Psychiatry and Behavioral Sciences
- **Sponsor:** NIH/NIAAA
- **Total:** $45,876
- **Award:** 5 P50 AA010761-15 (09102247-6)

**Alcohol Research Center - Treatment and Implications (Research Component 5)**
- **PI:** Carrie Randall
- **Dept:** Psychiatry and Behavioral Sciences
- **Sponsor:** NIH/NIAAA
- **Total:** $59,082
- **Award:** 5 P50 AA010761-15 (09102247-8)

**Alcohol Research Center - Treatment and Implications (Pilot)**
- **PI:** Carrie Randall
- **Dept:** Psychiatry and Behavioral Sciences
- **Sponsor:** NIH/NIAAA
- **Total:** $118,214
- **Award:** 5 P50 AA010761-15 (09102247-9)
### Randall, Patrick

**Co-Investigator**  
**Genetic and Brain Mechanisms of Naltrexone: Treatment Efficacy for Alcoholism**  
**PI:** Raymond Anton, Jr.  
**Dept:** Psychiatry and Behavioral Sciences  
**Sponsor:** NIH/NIAAA  
**Total:** $398,792

### Resnick, Heidi

**Principal Investigator**  
**Prevention of Postrape Drug Abuse: Replication Study**  
**Sponsor:** NIH/NIDA  
**Direct:** $498,348  
**F & A:** $103,180

**Evaluation of Novel PTSD Risk Assessment Tools for Disaster-Exposed Youth**  
**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 1 R21 MH086313-01 (08082534-1)

### Rheingold, Alyssa

**Principal Investigator**  
**Intensive Case Management for Family Members of Homicide Victims in Rural Settings: The Lowcountry of South Carolina**  
**Sponsor:** Department of Justice  
**Direct:** $139,906  
**F & A:** $44,070

**Specialized Services for Survivors of Homicide**  
**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 1V09078 (09021616)

### Rowland, Melisa

**Principal Investigator**  
**MST Model with Juvenile Offenders**  
**Sponsor:** MST Group, LLC  
**Direct:** $63,680  
**F & A:** $15,920

**MST-Psychiatric Teams/Robin Hood Foundation**  
**Sponsor:** MST Group, LLC  
**Direct:** $80,000  
**F & A:** $20,000

### Ruggiero, Kenneth

**Principal Investigator**  
**Psychological Adjustment Following Coastal Disasters: Risk and Protective Factors for Families and Web-Based Curriculum Development**  
**Sponsor:** Louisiana State University  
**Direct:** $14,251  
**F & A:** $6,770

**Web Intervention for OIF-OEF Veterans with Mental Health Problems**  
**Sponsor:** VAMC  
**Direct:** $251,191  
**F & A:** $0

**Psychological Adjustment Following Coastal Disasters: Risk and Protective Factors for Families and Web-Based Curriculum Development**  
**Sponsor:** Louisiana State University  
**Direct:** $14,251  
**F & A:** $6,770

**Web-Based Intervention for Disaster-Affected Adolescents and Families**  
**Sponsor:** NIH/NIMH  
**Direct:** $654,168  
**F & A:** $113,432
Ruggiero, Kenneth  
**Co-PI or Project Leader**  
National Center for Disaster Mental Health Research-Phase II  
**PI:** Dean Kilpatrick  
**Sponsor:** Dartmouth Coll.  
**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 496/5 P60 MH082598-03 (09100569-1)  
**Total:** $ 47,863

**Co-Investigator**  
Innovative Service Delivery for Secondary Prevention of PTSD in at-Risk OIF-OEF Service Men and Women  
**PI:** Thomas Uhde  
**Sponsor:** Charleston Research Institute  
**Dept:** Psychiatry and Behavioral Sciences  
**Award:** W81XWH-08-2-0047 (08052722-3)  
**Total:** $ 82,395

Evaluation of Novel PTSD Risk Assessment Tools for Disaster-Exposed Youth  
**PI:** Carla Danielson  
**Sponsor:** NIH/NIMH  
**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 1 R21 MH086313-01 (08082534-1)  
**Total:** $ 181,215

National Center for Disaster Mental Health Research - Phase I  
**PI:** Dean Kilpatrick  
**Sponsor:** Dartmouth Coll.  
**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 365/P60 MH082598-2 (09100568-1)  
**Total:** $ 17,866

Charleston County Teen and Family EMPOWER Program  
**PI:** Carla Danielson  
**Sponsor:** SAMHSA  
**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 5 U79 SP015156-02 (09030294-1)  
**Total:** $ 255,006

Prevention of Posttrauma Drug Abuse: Replication Study  
**PI:** Heidi Resnick  
**Sponsor:** NIH/NIDA  
**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 5 R01 DA023099-02 (09052234-1)  
**Total:** $ 498,348

National Center for Disaster Mental Health Research - Phase I  
**PI:** Dean Kilpatrick  
**Sponsor:** Dartmouth Coll.  
**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 365/P60 MH082598-3 (09100568-1)  
**Total:** $ 17,866

Sampson, Royce  
**Co-Investigator**  
South Carolina Consortium of the Clinical Trials Network  
**PI:** Kathleen Brady  
**Sponsor:** NIH/NIDA  
**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 5 U10 DA013727-10 (09070197-1)  
**Total:** $ 895,473

Santa Ana, Elizabeth  
**Principal Investigator**  
Impact of GMI and IHMDs for Dually Diagnosed Veterans  
**Sponsor:** VAMC  
**Dept:** Psychiatry and Behavioral Sciences  
**Award:** (09102975)  
**Budget Dates:** 07/01/09 - 06/30/10  
**Direct:** $ 158,897  
**Project Dates:** 07/01/08 - 06/30/09  
**F & A:** 0

Santos, Alberto  
**Co-PI or Project Leader**  
Drug Abuse Research Training (DART) Program  
**PI:** Kathleen Brady  
**Sponsor:** NIH/NIDA  
**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 5 R25 DA020537-05 (10030296-1)  
**Total:** $ 278,351

Saunders, Benjamin  
**Principal Investigator**  
Disseminating Trauma-Focused CBT to Child Welfare Therapists: Web-Based Model  
**Sponsor:** Allegheny-Singer Research Inst.  
**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 208.0327 (09072355)  
**Budget Dates:** 01/01/09 - 12/31/09  
**Direct:** $ 65,578  
**Project Dates:** 01/01/08 - 12/31/09  
**F & A:** 6,558

Project BEST: Bringing Empirically Supported Treatments to Children and Families in South Carolina  
**Sponsor:** Dee Norton Lowcountry Childrens Center  
**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 1582-SP (09080393)  
**Budget Dates:** 07/01/09 - 12/31/10  
**Direct:** $ 413,481  
**Project Dates:** 07/01/07 - 12/31/10  
**F & A:** 33,079

Trauma Learning Collaborative for DC (TLC for DC)  
**Sponsor:** District of Columbia  
**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 10-MUSC-02 (09082686)  
**Budget Dates:** 10/01/09 - 09/30/10  
**Direct:** $ 114,068  
**Project Dates:** 02/01/08 - 09/30/10  
**F & A:** 0

**Co-Investigator**  
Charleston County Teen and Family EMPOWER Program  
**PI:** Carla Danielson  
**Sponsor:** SAMHSA  
**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 5 U79 SP015156-02 (09030294-1)  
**Total:** $ 255,006

Web-Based Intervention for Disaster-Affected Adolescents and Families  
**PI:** Kenneth Ruggiero  
**Sponsor:** NIH/NIMH  
**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 5 R01 MH081056-02 (09072764-1)  
**Total:** $ 654,168
Schoenwald, Sonja

Principal Investigator

Center to Promote Schools as the Context for Urban Children’s Mental Health
Sponsor: Univ. of Illinois, Chicago
Budget Dates: 04/01/09 - 03/31/10
Direct: $46,305
Project Dates: 06/01/09 - 03/31/10
F & A: $21,995

Advanced Center to Improve Pediatric Mental Health Care (ACIPMHC)
Sponsor: Rady Childrens Hospital San Diego
Budget Dates: 05/01/10 - 04/30/11
Direct: $27,172
Project Dates: 05/01/09 - 04/30/13
F & A: $12,499

Mental Health Services and Predictors of Learning in Urban Schools
Sponsor: Univ. of Illinois, Chicago
Budget Dates: 06/01/09 - 05/31/10
Direct: $15,915
Project Dates: 06/01/09 - 05/31/10
F & A: $7,321

Sheidow, Ashli

Principal Investigator

Stage II Research on Outpatient Treatment for Adolescents with Comorbidity
Sponsor: NIH/NIDA
Budget Dates: 07/01/09 - 06/30/10
Direct: $456,746
Project Dates: 07/01/09 - 06/30/14
F & A: $199,646

Treatment Retention Strategies in Transition Age Youth
Sponsor: Univ. of Massachusetts
Budget Dates: 09/30/09 - 08/31/10
Direct: $22,206
Project Dates: 09/30/09 - 08/31/11
F & A: $10,548

Adaptation of Multisystemic Therapy in Transition Age Youth
Sponsor: Univ. of Massachusetts
Budget Dates: 09/30/09 - 08/31/10
Direct: $55,480
Project Dates: 09/30/09 - 08/31/11
F & A: $25,520

Smith, Daniel

Co-Investigator

Disseminating Trauma-Focused CBT to Child Welfare Therapists: Web-Based Model
PI: Benjamin Saunders
Sponsor: Allegheny-Singer Research Inst
Total: $65,578
Dept: Psychiatry and Behavioral Sciences
Award: 208.0327 (09072355-1)

Increasing Minority Participation in Clinical Research
PI: Arch Mainous
Sponsor: Duke Endowment
Total: $324,777
Dept: Family Medicine
Award: 6098-SP (09072975-1)

MHDDAD Professional Development Training 2009
PI: Rochelle Hanson
Sponsor: Univ. of Georgia
Total: $30,000
Dept: Psychiatry and Behavioral Sciences
Award: RE336-140/4695858 (10042749-1)

MHDDAD Professional Development Training 2009
PI: Rochelle Hanson
Sponsor: Univ. of Georgia
Total: $30,000
Dept: Psychiatry and Behavioral Sciences
Award: RE336-140/4695858 (10042749-2)

Smith, Joshua

Co-Investigator

Phased Treatment for Social Anxiety and Hazardous Drinking
PI: Carrie Randall
Sponsor: NIH/NIAAA
Total: $388,721
Dept: Psychiatry and Behavioral Sciences
Award: 5 R01 AA013379-06 (09071304-1)

Sonne, Susan

Co-Investigator

South Carolina Consortium of the Clinical Trials Network
PI: Kathleen Brady
Sponsor: NIH/NIDA
Total: $895,473
Dept: Psychiatry and Behavioral Sciences
Award: 5 U10 DA013727-10 (09070197-1)

Stewart, Scott

Principal Investigator

Phosphatidylethanol as an Alcohol Biomarker in Patients with Liver Disease
Sponsor: NIH/NIAAA
Budget Dates: 09/30/09 - 08/31/10
Direct: $200,000
Project Dates: 09/30/09 - 08/31/12
F & A: $95,000

Co-Investigator

CBT and Modafinil for Cocaine Addiction
PI: Robert Malcolm, Jr.
Sponsor: NIH/NIDA
Total: $250,000
Dept: Psychiatry and Behavioral Sciences
Award: 5 R01 DA016368-06 (09050831-1)
Sweat, Michael

**Principal Investigator**

**HIV Prevention Program Research and Evaluation**

Sponsor: Johns Hopkins Univ.  
Award: GH1-1-00-07-00032-00 (08091914)  
Budget Dates: 10/01/08 - 09/30/13  
Direct: $90,167

**Cost-Effectiveness of HIV-Related Mental Health Interventions**

Sponsor: NIH/NIMH  
Award: 1 RC1 MH088950-01 (09042387)  
Budget Dates: 09/30/09 - 08/31/10  
Direct: $216,905

**Community-Based VCT: Tanzania**

Sponsor: NIH/NIMH  
Award: 5 U01 MH066688-08 (09050171)  
Budget Dates: 07/01/09 - 06/30/10  
Direct: $1,761,305

**Synthesizing HIV Behavioral Intervention Effectiveness in Developing Countries**

Sponsor: NIH/NIMH  
Award: 1 R01 MH090173-01 (09060316)  
Budget Dates: 02/01/10 - 01/31/15  
Direct: $302,249

**Efficacy of HIV Post Test Support for ANC in South Africa**

Sponsor: Univ. of North Carolina  
Award: 5-50580/5 R01 HD050134-04 (09102759)  
Budget Dates: 09/01/07 - 08/31/11  
Direct: $39,046

Swenson, Cynthia

**Principal Investigator**

**MST Model with Child Maltreatment**

Sponsor: MST Group, LLC  
Award: MST Contract (09030628)  
Budget Dates: 03/01/09 - 06/30/11  
Direct: $77,128

Thomas, Suzanne

**Co-PI or Project Leader**

**Alcohol Research Center - Treatment and Implications (Research Component 5)**

Pl: Carrie Randall  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIAAA  
Total: $59,082

**Co-Investigator**

**Phased Treatment for Social Anxiety and Hazardous Drinking**

Pl: Carrie Randall  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIAAA  
Total: $388,721

Tolliver, Bryan

**Principal Investigator**

**Treatment of Alcohol Dependence and Comorbid Bipolar Disorder**

Sponsor: NIH/NIAAA  
Award: 5 K23 AA017666-02 (10030931)  
Budget Dates: 05/01/10 - 04/30/11  
Direct: $197,742

**Co-Investigator**

**ORWH: SCOR on Sex and Gender Factors Affecting Women's Health (Project 2)**

Pl: Kathleen Brady  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIDA  
Total: $141,495

**Alcohol Research Center - Treatment and Implications (Pilot)**

Pl: Carrie Randall  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIAAA  
Total: $118,214

Tuerk, Elena

**Co-Investigator**

**Cost-Effectiveness of HIV-Related Mental Health Interventions**

Pl: Michael Sweat  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIMH  
Total: $216,905

**Synthesizing HIV Behavioral Intervention Effectiveness in Developing Countries**

Pl: Michael Sweat  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIMH  
Total: $302,249

Uhde, Thomas

**Principal Investigator**

**Innovative Service Delivery for Secondary Prevention of PTSD in at-Risk OIF-OEF Service Men and Women**

Sponsor: Charleston Research Institute  
Award: W81XWH-08-2-0047 (08052722)  
Budget Dates: 04/01/10 - 03/31/11  
Direct: $82,395
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<th>Co-Investigator</th>
<th>Principal Investigator</th>
<th>Co-Investigator</th>
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<tr>
<td>Voronin, Konstantin</td>
<td>Alcohol Research Center - Treatment and Implications (Research Component 1)</td>
<td>Wagner, Mark</td>
<td>Translational Research in Addiction Center (TRAC) Year 04: Project 4</td>
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<td>PI: Carrie Randall</td>
<td>Sponsor: NIH/NIAAA</td>
<td>PI: Ronald See</td>
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<td>Dept: Psychiatry and Behavioral Sciences</td>
<td>Award: $ P50 AA010761-15 (09102247-4)</td>
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<td>Wang, Zhewu</td>
<td>Monoamine Transporter Genes: PTSD with Substance Dependence Risk Factors</td>
<td>Weinstein, Benjamin</td>
<td>Aripiprazole Intramuscular Depot Program in Schizophrenia</td>
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<td>Sponsor: VAMC</td>
<td>Award: (08042163)</td>
<td>Dept: Psychiatry and Behavioral Sciences</td>
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<td>Radiation Oncology</td>
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<td>Jentrette, Joseph</td>
<td>Radiation Therapy Oncology Group (RTOG): Institutional Member Agreement</td>
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<td>Gattoni-Celli, Sebastiano</td>
<td>Vitamin D Supplementation in African American Veterans with Prostate Cancer</td>
<td>Sharma, Anand</td>
<td>Multi-Center, Randomized, Phase II Study of Erlotinib, Cisplatin and Radiotherapy vs Cisplatin and Radiotherapy in Patients with Stage III and IV Squamous Cell Carcinoma of the Head and Neck</td>
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<td>Sponsor: VAMC</td>
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<td>Gaining Efficacy Long Term: Hydrosoft, an Emerging, New, Embolic Coil(Gel-the-nec) A Prospective, Registry Evaluating the Safety, Ease of Use, and Efficacy of the HydroSoft Coil as a Finishing Device</td>
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<td>Principal Investigator</td>
<td>Principal Investigator</td>
<td>Co-Investigator</td>
<td>Co-Investigator</td>
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<tr>
<td>PAC Large and Giant Aneurysms REGISTRY: Presidio and Cerecyte Coils Evaluation in Large and Giant Aneurysms</td>
<td>PI: Aquilla Turk, III</td>
<td>Sponsor: Micrus Endovascular Corp.</td>
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| Radiation Oncology | granularity, nor should | Radiation Therapy Oncology Group (RTOG): Institutional Member Agreement | Multi-Center, Randomized, Phase II Study of Erlotinib, Cisplatin and Radiotherapy vs Cisplatin and Radiotherapy in Patients with Stage III and IV Squamous Cell Carcinoma of the Head and Neck | Medical University of South Carolina 149
Chaudry, M.

Co-Investigator

PAC Large and Giant Aneurysms REGISTRY: Presidio and Cerecyte Coils Evaluation in Large and Giant Aneurysms
- PI: Aquilla Turk, III
- Sponsor: Micrus Endovascular Corp.
- Total: $8,000
- Dept: Radiology
- Award: (09071303-2)

PAC Large and Giant Aneurysms REGISTRY: Presidio and Cerecyte Coils Evaluation in Large and Giant Aneurysms
- PI: Aquilla Turk, III
- Sponsor: Micrus Endovascular Corp.
- Total: $16,000
- Dept: Radiology
- Award: (09071303-3)

The START Trial: Clinical Outcome in Acute Stroke Treatment after Image Guided Patient Selection for Interventional Revascularization Therapy
- PI: Aquilla Turk, III
- Sponsor: Penumbra, Inc.
- Total: $84,500
- Dept: Radiology
- Award: 2480.A (09071413-1)

Complete Occlusion of Coilable Aneurysms (COCOA) Study
- PI: Aquilla Turk, III
- Sponsor: Chestnut Medical Technologie
- Total: $80,500
- Dept: Radiology
- Award: CLP-0004.D (09092282-1)

Validation of Dyna-CT Perfusion in Patients with Ischemic Cerebrovascular Disease
- PI: Aquilla Turk, III
- Sponsor: Siemens Medical Solutions U
- Total: $178,316
- Dept: Radiology
- Award: SMS-AX-35076 (10021828-1)

Validation of Dyna-CT Perfusion in Patients with Severe Ischemic Cerebrovascular Disease
- PI: Aquilla Turk, III
- Sponsor: Siemens Medical Solutions U
- Total: $25,845
- Dept: Radiology
- Award: SMS-AX-35640 (10021829-1)

Hydrocoil Cerecyte Aneurysm Treatment Trial (H-CAT)
- PI: Aquilla Turk, III
- Sponsor: Univ. of Virginia
- Total: $31,100
- Dept: Radiology
- Award: UVA 13861 (10022571-1)

Cianfon, Alessandro

Principal Investigator

A Multi-Center, Randomized, Double-Blind, Placebo-Controlled, Clinical Trial to Evaluate the Safety, Tolerability and Preliminary Effectiveness of Single Administration Intradiscal rhGDF-5 for the Treatment of Early Stage Lumbar Disc Degeneration
- Sponsor: Advanced Technologies and Regenerative Medicin
- Budget Dates: 06/17/10 - 06/30/11
- Direct: $88,800
- Award: 09-Intradiscal rhGDF-5-04 (10062190)
- Project Dates: 06/17/10 - 06/30/11
- F & A: 21,575

Gordon, Leonie

Principal Investigator

A Multi-Center, Prospective, Randomized Study to Establish the Optimal Method of Detection of CAD Risk in Women at an Intermediate-High Pre-Test Likelihood of CAD
- Sponsor: Cardiovascular Clinical Studies
- Budget Dates: 04/30/04 - 04/30/10
- Direct: $3,040
- Award: (04042901)
- Project Dates: 04/30/04 - 04/30/10
- F & A: 760

The ASPECT Trial: A Phase III, Randomized, Double-Blind Crossover Trial of Apadenoson for the Detection of Myocardial Perfusion Defects Using Single-Photon Emission Computed Tomography (SPECT) Myocardial Perfusion Imaging (MPI)
- Sponsor: PPD Development
- Budget Dates: 11/17/09 - 01/31/11
- Direct: $144,100
- Award: PGX-III-AP-001 (10012668)
- Project Dates: 11/17/09 - 01/31/11
- F & A: 35,275

Guimaraes, Marcelo

Principal Investigator

(OSPREY: Occlusive/Stenotic Peripheral Artery Revascularization Study): A Multi-Center Clinical Trial of the MisagoTM Self Expanding Stent System for Superficial Femoral Artery
- Sponsor: Terumo Medical Corp.
- Budget Dates: 05/27/10 - 05/26/14
- Direct: $189,510
- Award: TIS2009-02 OSPREY (10031983)
- Project Dates: 05/27/10 - 05/26/14
- F & A: 46,378

Use of Hydrogel Filaments for the Embolization of Arteries, Veins and Vascular Injuries: Pilot Study in a Swine Animal Model
- Sponsor: Terumo Medical Corp.
- Budget Dates: 05/12/10 - 12/31/10
- Direct: $1,978
- Award: May 12 Training (10062312)
- Project Dates: 05/12/10 - 12/31/10
- F & A: 939

Huda, Walter

Co-Investigator

Validation of Dyna-CT Perfusion in Patients with Ischemic Cerebrovascular Disease
- PI: Aquilla Turk, III
- Sponsor: Siemens Medical Solutions U
- Total: $178,316
- Dept: Radiology
- Award: SMS-AX-35076 (10021828-1)
## Research Faculty Activity

### Validation of Dyna-CT Perfusion in Patients with Severe Ischemic Cerebrovascular Disease

**Principal Investigator:** Aquilla Turk, III  
**Co-Investigator:** Huda, Walter  
**PI:** Aquilla Turk, III  
**Sponsor:** Siemens Medical Solutions U  
**Dept:** Radiology  
**Award:** SMS-AX-35640 (10021829-1)  
**Total:** $25,845

### Case Collection Study Protocol for the Research, Development and Testing of Computer-Aided Algorithms and User Training

**Principal Investigator:** Irshad, Abid  
**Co-Investigator:**  
**PI:** Kathleen Brady  
**Sponsor:** Hologic, Inc.  
**Dept:** Radiology  
**Award:** 10K-02 (10040566)  
**Budget Dates:** 02/23/10 - 02/22/14  
**Direct:** $65,802  
**F & A:** $15,450

### The Impact of Real-Time fMRI Feedback on Response to Nicotine Cues

**Principal Investigator:** Morgan, Paul  
**Co-Investigator:**  
**PI:** Kathleen Brady  
**Sponsor:** NIH/NIDA  
**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 5 R21 DA026085-02 (09051574-1)  
**Total:** $173,001

### Targeting mTOR as a Novel Mechanism-Based Therapy for Head and Neck Cancer

**Principal Investigator:** Rumboldt, Zoran  
**Co-Investigator:**  
**PI:** M. Young  
**Sponsor:** NIH/NCI  
**Dept:** Otolaryngology  
**Award:** 3 R01 CA128837-01A2S1 (09052122-1)  
**Total:** $75,467

### Coronary Computed Tomography for Systematic Triage of Acute Chest Pain Patients to Treatment (CT-STAT)

**Principal Investigator:** Schoepf, Uwe  
**Co-Investigator:**  
**PI:** William Beaumont Hospital, Research Inst.  
**Sponsor:** Siemens Medical Solutions USA  
**Dept:** Radiology  
**Award:** MUSC-2010-CT-01-Schoepf (09082788)  
**Budget Dates:** 02/01/10 - 02/01/11  
**Direct:** $90,000  
**F & A:** $0

### Evaluation of the Gore Conformable TAG Thoracic Endoprosthesis for Treatment of Traumatic Transection of the Descending Thoracic Aorta

**Principal Investigator:** Schonholz, Claudio  
**Co-Investigator:**  
**PI:** W.L. Gore and Associates, Inc.  
**Sponsor:**  
**Dept:** Radiology  
**Award:** TAG 08-02 (09073190)  
**Budget Dates:** 07/13/09 - 07/12/12  
**Direct:** $53,175  
**F & A:** $12,419

### Cardiac CT Research Fellow - Novel Methods for Cardiac CT Acquisition, Reconstruction, and Post-Processing

**Principal Investigator:**  
**Co-Investigator:**  
**PI:**  
**Sponsor:** Siemens Medical Solutions USA  
**Dept:** Radiology  
**Award:** MUSC-2009-CT-12-Schoepf (09012352)  
**Budget Dates:** 10/13/09 - 11/01/10  
**Direct:** $6,333  
**F & A:** $0

### Usefulness of Statistical Iterative Image Reconstruction Techniques for Reducing Radiation Exposure and Improving Image Quality at Cardiovascular CT

**Principal Investigator:**  
**Co-Investigator:**  
**PI:**  
**Sponsor:** Siemens Medical Solutions USA  
**Dept:** Radiology  
**Award:** MUSC-2009-CT-12-Schoepf (09012352)  
**Budget Dates:** 10/13/09 - 11/01/10  
**Direct:** $6,333  
**F & A:** $0

### Dual Source 128-Slice MDCT (FLASH) for Coronary Computed Tomographic Angiography: Comparison of Diagnostic Performance, Image Quality, and Radiation Dose between Three Different Acquisition Protocols

**Principal Investigator:**  
**Co-Investigator:**  
**PI:**  
**Sponsor:** Siemens Medical Solutions USA  
**Dept:** Radiology  
**Award:** MUSC-2010-CT-35952-Schoepf (10021725)  
**Budget Dates:** 03/29/10 - 03/28/11  
**Direct:** $65,024  
**F & A:** $15,506

### Study of Novel IRIS CT Reconstruction on Siemens LungCAD and Siemens PECAD

**Principal Investigator:**  
**Co-Investigator:**  
**PI:**  
**Sponsor:** Siemens Medical Solutions USA  
**Dept:** Radiology  
**Award:** IRIS (10040562)  
**Budget Dates:** 04/01/10 - 03/30/11  
**Direct:** $5,700  
**F & A:** $1,900

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151 Medical University of South Carolina
### Spicer, Kenneth

**Principal Investigator**

**A Two-Part, Front-Running, Phase II/III Study of the Correspondence between 18F-AV-45 PET Imaging and Post-Mortem Amyloid Plaque Pathology**

- **Sponsor:** Avid Radiopharmaceuticals, Inc.
- **Budget Dates:** 01/29/09 - 02/10/11
- **Direct:** $75,304

**Autopsy Follow-Up of Subjects Previously Imaged with Florbetapir F 18 (18F-AV-45) PET in Trial 18F-AV-45-A07**

- **Sponsor:** Avid Radiopharmaceuticals, Inc.
- **Budget Dates:** 06/15/10 - 06/30/11
- **Direct:** $12,989

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### Turk, III, Aquilla

**Principal Investigator**

**Fellows Regional Technology Training Course**

- **Sponsor:** Boston Scientific Corp.
- **Budget Dates:** 02/10/09 - 06/15/10
- **Direct:** $11,237

**PAC Large and Giant Aneurysms REGISTRY: Presidio and Cerecyte Coils Evaluation in Large and Giant Aneurysms**

- **Sponsor:** Micrus Endovascular Corp.
- **Budget Dates:** 07/10/09 - 12/31/10
- **Direct:** $45,400

**Neurointerventional Fellowship**

- **Sponsor:** Micrus Endovascular Corp.
- **Budget Dates:** 07/01/09 - 06/30/11
- **Direct:** $20,000

**The START Trial: Clinical Outcome in Acute Stroke Treatment after Image Guided Patient Selection for Interventional Revascularization Therapy**

- **Sponsor:** Penumbra, Inc.
- **Budget Dates:** 07/22/09 - 07/22/11
- **Direct:** $84,500

**Complete Occlusion of Coilable Aneurysms (COCOA) Study**

- **Sponsor:** Chestnut Medical Technologies, Inc.
- **Budget Dates:** 08/17/09 - 08/16/14
- **Direct:** $80,500

**Validation of Dyna-CT Perfusion in Patients with Severe Ischemic Cerebrovascular Disease**

- **Sponsor:** Siemens Medical Solutions USA
- **Budget Dates:** 02/25/10 - 02/24/11
- **Direct:** $178,316

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### Other Projects

- **Hydrocoil Cerecyte Aneurysm Treatment Trial (H-CAT)**
  - **Sponsor:** Univ. of Virginia
  - **Budget Dates:** 03/01/10 - 02/28/12
  - **Direct:** $31,100

- **Pulsar Vascular April 12 Acute Animal Study**
  - **Sponsor:** Pulsar Vascular, Inc.
  - **Budget Dates:** 03/25/10 - 12/31/10
  - **Direct:** $7,336
**Turk, III, Aquilla**

**Principal Investigator**

**In-Vivo Training with Revascularization Technology**

**Sponsor:** Micrus Endovascular Corp.

**Award:** June 14 Training (10061121)

**Budget Dates:** 06/14/10 - 12/31/10

**Direct:** $6,780

**F & A:** $3,220

**Co-Investigator**

**Gaining Efficacy Long Term: Hydrosoft, an Emerging, New, Embolic Coil(Gel-the-nec) A Prospective, Registry Evaluating the Safety, Ease of Use, and Efficacy of the HydroSoft Coil as a Finishing Device**

**PI:** M. Chaudry

**Sponsor:** Mayo Clinic

**Budget Dates:** 06/14/10 - 12/31/10

**Direct:** $3,220

**F & A:** $1,540

**Dept:** Radiology

**Award:** (10011811-1)

**Test Protocol:** Non-GLP Evaluation of IRIIS OptiCell and OptiCell-Plus in Swine with a Simulated Thrombotic Model

**PI:** Raymond Turner

**Sponsor:** MindFrame, Inc.

**Budget Dates:** 06/14/10 - 12/31/10

**Direct:** $1,540

**F & A:** $710

**Dept:** Neurosciences

**Award:** (10030933-1)

**Regenerative Medicine and Cell Biology**

**Argraves, Kelley**

**Principal Investigator**

**HDL-Associated STP as an Indicator of Relative Risk for Cardiovascular Disease**

**Sponsor:** NIH/NHLBI

**Budget Dates:** 08/01/09 - 07/31/10

**Direct:** $150,000

**Dept:** Radiology

**Award:** 1 R21 HL094883-01A1 (08021231)

**Co-Investigator**

**A Modular Approach for Engineering of a Self-Assembling Vascular Tree Using Prefabricated Vascular Elements as Building Blocks**

**PI:** Christopher Drake

**Sponsor:** SC EPSCOR

**Budget Dates:** 08/01/09 - 07/31/10

**Direct:** $70,000

**Dept:** Neurosciences

**Award:** TO 0052 (09091140-1)

**Argraves, W.**

**Principal Investigator**

**Mechanisms and Significance of Cubilin-Mediated HDL Uptake**

**Sponsor:** NIH/NHLBI

**Budget Dates:** 09/01/09 - 08/31/11

**Direct:** $242,750

**Dept:** Radiology

**Award:** 5 R01 HL061873-08 (09071408)

**Fibulin-1 Regulation of the DiGeorge Syndrome Pathogenesis Pathway**

**Sponsor:** NIH/NHLBI

**Budget Dates:** 12/01/09 - 11/30/10

**Direct:** $250,000

**Dept:** Radiology

**Award:** 5 R01 HL095067-02 (09110296)

**Palmetto Academy Site at MUSC**

**Sponsor:** Coll. of Charleston

**Budget Dates:** 02/01/10 - 01/31/11

**Direct:** $31,600

**Dept:** Neurosciences

**Award:** (09112398)

**Co-PI or Project Leader**

**SC Cobre for Developmentally Based Cardiovascular Diseases: Core C-Proteogenomics**

**PI:** Roger Markwald

**Sponsor:** NIH/NCRR

**Budget Dates:** 02/01/10 - 01/31/11

**Direct:** $163,304

**Dept:** Radiology

**Award:** 5 P20 RR016434-09 (09051584-11)

**Barth, Jeremy**

**Principal Investigator**

**Vibratory Mechanotransduction**

**Sponsor:** Clemson Univ.

**Budget Dates:** 04/01/10 - 03/31/11

**Direct:** $22,609

**Dept:** Radiology

**Award:** 1531-7558-209-2007154/R21 (10032403)

**Dept:** Regenerative Medicine and Cell Biology

**Award:** 5 R01 HL080168-04 (10041514-1)
Barth, Jeremy
Co-Investigator
SC Cobre for Developmentally Based Cardiovascular Diseases: Core C-Proteogenomics
PI: Roger Markwald
Dept: Regenerative Medicine and Cell Biology
Sponsor: NIH/NCRR
Award: 5 P20 RR016434-09 (09051584-11)
Total: $163,304

Palmetto Academy Site at MUSC
PI: W. Argraves
Dept: Regenerative Medicine and Cell Biology
Sponsor: Coll. of Charleston
Award: (09112398-1)
Total: $31,600

Boockfor, Fredric
Principal Investigator
Prolactin Gene Expression Dynamics and Mammatrope Function - Administrative Supplement
Sponsor: NIH/NIDDK
Award: 3 R01 DK073270-03S1 (09041571)
Budget Dates: 03/15/10 - 02/28/11
Direct: $66,950
F & A: $31,801

Prolactin Gene Expression Dynamics and Mammatrope Function
Sponsor: NIH/NIDDK
Award: 5 R01 DK073270-04 (10021604)
Budget Dates: 03/15/10 - 03/31/11
Direct: $198,891
F & A: $91,490

Borg, Thomas
Principal Investigator
Dynamic Interaction between Cardiac Fibrobast, Myocytes and the ECM
Sponsor: NIH/NHLBI
Award: 5 R01 HL085847-03 (10031768)
Budget Dates: 04/26/10 - 03/31/11
Direct: $335,325
F & A: $29,483

Drake, Christopher
Principal Investigator
A Modular Approach for Engineering of a Self-Assembling Vascular Tree Using Prefabricated Vascular Elements as Building Blocks
Sponsor: SC EPSCOR
Award: TO 0052 (09091140)
Budget Dates: 11/01/09 - 06/30/10
Direct: $70,000
F & A: $0

HSC-Derived Fibroblasts in Normal and Diseased Valves
Sponsor: NIH/NHLBI
Award: 5 R01 HL080168-04 (10041514)
Budget Dates: 06/01/10 - 05/31/11
Direct: $250,000
F & A: $115,000

Co-Investigator
Mechanisms and Significance of Cubilin-Mediated HDL Uptake
PI: W. Argraves
Dept: Regenerative Medicine and Cell Biology
Sponsor: NIH/NHLBI
Award: 5 R01 HL061873-08 (09071408-1)
Total: $242,750

Eisenberg, Carol
Co-Investigator
Stem Cell/Regenerative Medicine Core Facility - Admin Supplement to Provide Summer Research Experiences for Students and Science Educators
PI: Roger Markwald
Dept: Regenerative Medicine and Cell Biology
Sponsor: Univ. of South Carolina
Award: 10-1695/22050-FA13 (09051805-1)
Total: $28,563

Ghatak, Shibnath
Co-Investigator
SC Cobre for Developmentally Based Cardiovascular Diseases: Project 2
PI: Roger Markwald
Dept: Regenerative Medicine and Cell Biology
Sponsor: NIH/NCRR
Award: 5 P20 RR016434-09 (09051584-3)
Total: $145,500

Gourdie, Robert
Principal Investigator
Cx43: A Novel Factor Determining Cardiac Injury Severity of Diabetics
Sponsor: Amer. Heart Assoc./Mid-Atlantic
Award: 09GRNT2261357 (09050486)
Budget Dates: 07/01/09 - 06/30/10
Direct: $70,000
F & A: $7,000

Gap Junctional Patterning in the Developing Heart
Sponsor: NIH/NHLBI
Award: 2 R01 HL056728-10A2 (10032287)
Budget Dates: 04/01/10 - 02/28/11
Direct: $225,000
F & A: $106,875

Co-Investigator
SC Cobre for Developmentally Based Cardiovascular Diseases: Project 4
PI: Roger Markwald
Dept: Regenerative Medicine and Cell Biology
Sponsor: NIH/NCRR
Award: 5 P20 RR016434-09 (09051584-4)
Total: $126,100

Mentor
SC Cobre for Developmentally Based Cardiovascular Diseases: Core A2-Mentoring
PI: Roger Markwald
Dept: Regenerative Medicine and Cell Biology
Sponsor: NIH/NCRR
Award: 5 P20 RR016434-09 (09051584-8)
Total: $74,359
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<thead>
<tr>
<th>Principal Investigator</th>
<th>Functional Interactions of Hyaluronan, CD44, and Emmprin in Breast Cancer Progression</th>
</tr>
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<tbody>
<tr>
<td>Sponsor: DOD</td>
<td>Budget Dates: 02/01/10 - 01/31/11</td>
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<tr>
<td>Award: W81XWH-10-1-0083 (09031042)</td>
<td>Project Dates: 02/01/10 - 02/28/13</td>
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<tr>
<td>Principal Investigator</td>
<td>Functional Interactions of Hyaluronan, CD44, and Emmprin in Breast Cancer Progression</td>
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<td>Budget Dates: 02/01/10 - 01/31/11</td>
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<td>Award: W81XWH-10-1-0083 (09031042)</td>
<td>Project Dates: 02/01/10 - 02/28/13</td>
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<thead>
<tr>
<th>Hammad, Samar</th>
<th>Spingolipid Signaling Induced by LDL Immune Complexes</th>
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<tr>
<td>Sponsor: NIH/NHLBI</td>
<td>Budget Dates: 07/15/09 - 06/30/11</td>
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<td>Award: 5 R01 HL079274-04S1 (09050484)</td>
<td>Direct: $ 145,909</td>
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<tr>
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<td>Sponsor: NIH/NHLBI</td>
<td>Budget Dates: 04/01/10 - 03/31/11</td>
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<tr>
<th>Co-Investigator</th>
<th>Biomarkers of Vascular Disease Progression in Type 1 Diabetes Mellitus - Competitive Revision</th>
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<tr>
<td>Sponsor: NIH/NIDDK</td>
<td>Total: $ 309,610</td>
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<tr>
<td>Dept: Medicine</td>
<td>Award: 3 R01 DK081352-02S1 (09094154-1)</td>
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<tr>
<th>Hoover, Loretta</th>
<th>Interactions between TGFbeta and Retinoid Signaling in Cardiac Development</th>
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<tr>
<td>Sponsor: NIH/NHLBI</td>
<td>Budget Dates: 09/01/09 - 08/31/10</td>
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<td>Award: 5 F30 HL094047-02 (09071523)</td>
<td>Direct: $ 34,525</td>
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<tr>
<th>Hsia, Tain-Yen</th>
<th>Elastic Membrane Based Sensors for Wireless Monitoring of Intracardiac Hemodynamics and Oxygenation</th>
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<tbody>
<tr>
<td>Sponsor: Amer. Heart Assoc.</td>
<td>Budget Dates: 01/01/10 - 12/31/10</td>
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<td>Award: 10SDG2600256 (09012039)</td>
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<tr>
<th>Co-PI or Project Leader</th>
<th>Transatlantic Networks of Excellence Program: Multi-Scale Modeling of Single Ventricle Hearts for Clinical Decision Support</th>
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<tr>
<td>Sponsor: Leducq Foundation</td>
<td>Total: $ 230,495</td>
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<td>Dept: Pediatrics</td>
<td>Award: 09CVD04 (09020221-1)</td>
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<table>
<thead>
<tr>
<th>Kern, Christine</th>
<th>The Role of the Matrix Metalloproteinase ADAMTS9 in Cardiovascular Development</th>
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<tr>
<td>Sponsor: Amer. Heart Assoc.</td>
<td>Budget Dates: 01/01/10 - 12/31/10</td>
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<td>Award: 10SDG2610168 (09072142)</td>
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<tr>
<th>Co-PI or Project Leader</th>
<th>SC Cobre for Developmentally Based Cardiovascular Diseases: Core D-Molecular Tool Kit</th>
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<tbody>
<tr>
<td>Sponsor: NIH/NCRR</td>
<td>Total: $ 190,808</td>
</tr>
<tr>
<td>Dept: Regenerative Medicine and Cell Biology</td>
<td>Award: 5 P20 RR016434-09 (09051584-12)</td>
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<tr>
<th>Kern, Michael</th>
<th>Alternative Splicing of the Prx1 Homeobox Gene in VSMC</th>
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<tr>
<td>Sponsor: Amer. Heart Assoc.</td>
<td>Budget Dates: 07/01/09 - 06/30/11</td>
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<td>Award: 0855298E (08010941)</td>
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<td>F &amp; A: 6,000</td>
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</table>

| A Knockout/Knockin Approach for the Analysis of ARNT and ARNT2 Protein Function in Vivo |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Sponsor: Univ. of South Florida                                                       | Budget Dates: 04/01/10 - 03/31/11                                                   |
| Award: 1210-1006-00-A/R21 ES0189 (09061280)                                           | Direct: $ 52,388                                                                      |
| Project Dates: 04/01/10 - 03/31/11                                                   | F & A: 24,884                                                                        |

| Biophysical Modeling of Fluid and Solute Transport in the TMJ                         |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Sponsor: Clemson Univ.                                                                | Budget Dates: 05/01/09 - 04/30/10                                                   |
| Award: 1370-209-2087238/1R03Deo01 (09111991)                                          | Direct: $ 12,240                                                                      |
| Project Dates: 05/01/09 - 04/30/11                                                   | F & A: 5,814                                                                         |

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<td>Dept: Regenerative Medicine and Cell Biology</td>
<td>Award: 5 P20 RR016434-09 (09051584-12)</td>
</tr>
</tbody>
</table>

Medical University of South Carolina 155
Kern, Michael

**Co-Investigator**

- **Sphingolipids in Cancer Biology and Therapy (Core C: Animal Core)**
  - PI: Yusuf Hannun
  - Sponsor: NIH/NCI
  - Total: $49,741
  - Dept: Division of Basic Sciences
  - Award: 5 P01 CA097132-07 (09063083-4)

**Roles of Hox Genes in Skin and Hair Follicle Development**
- PI: Alexander Awgulewitsch
- Sponsor: NIH/NIAMS
- Total: $219,370
- Dept: Medicine
- Award: 5 R01 AR047204-07 (09071394-1)

Krug, Edward

**Co-PI or Project Leader**

- **MUSC-Clalin Cooperative for Postdoctoral Academic Career Development**
  - PI: Cynthia Wright
  - Sponsor: NIH/NIGMS
  - Total: $298,496
  - Dept: Division of Basic Sciences
  - Award: 5 R25 GM072643-06 (10031143-1)

Lacy, Eric

**Principal Investigator**

- **COEE in Marine Genomics: Endowed Professorship**
  - Sponsor: SC Research Centers of Economic Excellence
  - Budget Dates: 08/09/04 - 06/30/10
  - Direct: $2,500,000
  - Award: (06062503)
  - Project Dates: 08/09/04 - 06/30/10
  - F & A: 0

- **COEE for Marine Genomics**
  - Sponsor: MUSC Fdn.
  - Budget Dates: 05/01/07 - 06/30/11
  - Direct: $364,798
  - Award: (07121259)
  - Project Dates: 05/01/07 - 06/30/11
  - F & A: 0

- **MOA-Students-Yr 2**
  - Sponsor: SC Sea Grant Consortium
  - Budget Dates: 10/01/09 - 09/30/10
  - Direct: $52,000
  - Award: MOA-2006-025/7182 (08111811)
  - Project Dates: 10/01/09 - 09/30/10
  - F & A: 0

- **NOAA Biotechnology Contract Amendment 5**
  - Sponsor: NOAA
  - Budget Dates: 10/01/09 - 09/30/10
  - Direct: $11,968
  - Award: MOA-2004-168/1259 (09081134)
  - Project Dates: 10/01/09 - 09/30/10
  - F & A: 1,832

- **Summer Undergraduate Research Program in Oceans and Human Health**
  - Sponsor: SC Sea Grant Consortium
  - Budget Dates: 05/01/10 - 09/01/10
  - Direct: $5,200
  - Award: R21-HH (10040878)
  - Project Dates: 05/01/10 - 09/01/10
  - F & A: 0

Markwald, Roger

**Principal Investigator**

- **COEE for Regenerative Medicine: Endowed Professorships**
  - Sponsor: SC Research Centers of Economic Excellence
  - Budget Dates: 06/08/05 - 06/30/10
  - Direct: $2,500,000
  - Award: (06062506)
  - Project Dates: 06/08/05 - 06/30/10
  - F & A: 0

- **Center of Biomaterials for Tissue Regeneration**
  - Sponsor: Clemson Univ.
  - Budget Dates: 09/30/09 - 05/31/10
  - Direct: $184,658
  - Award: 1359-209-2097563/1 P20 RR (07101638)
  - Project Dates: 09/30/09 - 05/31/10
  - F & A: 87,712

- **SC COBRE for Developmentally Based Cardiovascular Diseases: Administrative Supplement to Provide Summer Research Experiences for Students and Science Educators.**
  - Sponsor: NIH/NCRR
  - Budget Dates: 07/13/09 - 09/30/10
  - Direct: $190,536
  - Award: 3 P20 RR016434-09S1 (09042727)
  - Project Dates: 07/13/09 - 09/30/10
  - F & A: 90,505

- **SC Cobre for Developmentally Based Cardiovascular Diseases- Administrative Supplements to Advance Translational Research**
  - Sponsor: NIH/NCRR
  - Budget Dates: 09/01/09 - 08/31/11
  - Direct: $546,102
  - Award: 3 P20 RR016434-09S2 (09051461)
  - Project Dates: 09/01/09 - 08/31/11
  - F & A: 250,610
Markwald, Roger

**Principal Investigator**

**SC Cobre for Developmentally Based Cardiovascular Diseases**
Sponsor: NIH/NCRR
Award: 5 P20 RR016434-09 (09051584)
Budget Dates: 07/01/09 - 06/30/10  Direct: $ 1,491,985
Project Dates: 09/30/01 - 06/30/11  F & A: $ 584,904

**Stem Cell/Regenerative Medicine Core Facility - Admin Supplement to Provide Summer Research Experiences for Students and Science Educators**
Sponsor: Univ. of South Carolina
Award: TO #0050 (09052124)
Budget Dates: 07/13/09 - 07/12/10  Direct: $ 28,563
Project Dates: 08/01/09 - 07/31/10  F & A: $ 13,567

**South Carolina 2009 Research Infrastructure Improvement Grant**
Sponsor: SC Research Authority
Award: TO #0050 (09052124)
Budget Dates: 07/01/09 - 06/30/10  Direct: $ 821,864
Project Dates: 07/13/09 - 07/12/10  F & A: $ 228,885

**The Role of Fluid Flow in Valvulogenesis**
Sponsor: Univ. of South Carolina
Award: 08-1463 (09072871)
Budget Dates: 09/30/01 - 06/30/11  Direct: $ 25,000
Project Dates: 08/01/07 - 07/31/12  F & A: $ 11,500

**Understanding and Employing Multi-Cellular Self Assembly**
Sponsor: Univ. of Missouri, Columbia
Award: EF-0526854/C00006100-3 (09090422)
Budget Dates: 09/30/01 - 06/30/11  Direct: $ 171,233
Project Dates: 09/01/05 - 08/31/10  F & A: $ 78,767

**Mitrail Valve Disease: From Genetic Mechanisms to Improved Repair**
Sponsor: Leducq Foundation
Award: 07CVD04 (10020226)
Budget Dates: 01/01/10 - 12/31/10  Direct: $ 73,171
Project Dates: 01/01/08 - 12/31/10  F & A: $ 7,317

**Mucopolyaccharide Metabolism in Cardiac Anomalies**
Sponsor: NIH/NHLBI
Award: 5 R01 HL033756-27 (10021188)
Budget Dates: 04/01/10 - 03/30/11  Direct: $ 250,000
Project Dates: 04/01/87 - 03/30/11  F & A: $ 115,000

**Bioengineering Center for Regenerative Medicine**
Sponsor: Clemson Univ.
Award: 1359-209-2097563/P20 RR02 (10033140)
Budget Dates: 06/01/10 - 05/31/11  Direct: $ 248,070
Project Dates: 09/30/09 - 05/31/14  F & A: $ 117,833

**EPSCOR Non Federal Match to: SC 2009 Research Infrastructure Improvement Grant**
Sponsor: SC EPSCOR
Award: H51 185 (10050688)
Budget Dates: 07/01/09 - 06/30/10  Direct: $ 4,653
Project Dates: 07/01/09 - 06/30/14  F & A: $ 0

Mironov, Vladimir

**Co-PI or Project Leader**

**South Carolina 2009 Research Infrastructure Improvement Grant**
PI: Roger Markwald
Dept: Regenerative Medicine and Cell Biology
Total: $ 821,864

**Understanding and Employing Multi-Cellular Self Assembly**
PI: Roger Markwald
Dept: Regenerative Medicine and Cell Biology
Total: $ 171,233

**Mitrail Valve Disease: From Genetic Mechanisms to Improved Repair**
PI: Roger Markwald
Dept: Regenerative Medicine and Cell Biology
Total: $ 73,171

Misra, Suniti

**Co-PI or Project Leader**

**SC Cobre for Developmentally Based Cardiovascular Diseases: Project 2**
PI: Roger Markwald
Dept: Regenerative Medicine and Cell Biology
Total: $ 145,500

Mjaatvedt, Corey

**Principal Investigator**

**Cspg2 Gene and Cardiac Outlet Morphogenesis**
Sponsor: NIH/NHLBI
Award: 5 R01 HL068231-08 (09120856)
Budget Dates: 02/01/10 - 01/31/11  Direct: $ 250,000
Project Dates: 12/01/00 - 01/31/13  F & A: $ 115,000

**The Role of Cartilage Link Protein 1 (Crtl 1) in Heart Development**
PI: Arno Wessels
Dept: Regenerative Medicine and Cell Biology
Total: $ 250,000
Morad, Martin  
**Co-Investigator**

**Gap Junctional Patterning in the Developing Heart**  
PI: Robert Gourdie  
Sponsor: NIH/NHLBI  
Dept: Regenerative Medicine and Cell Biology  
**Total:** $225,000  
**Award:** 2 R01 HL056728-10A2 (10032287-1)

Morris, Pamela  
**Principal Investigator**

**Kimes NSF Grad Research Fellowship**  
Sponsor: NSF  
Budget Dates: 08/20/09 - 08/19/10  
Direct: $40,500  
**Award:** DGE-0750755 (07061965)  
Project Dates: 08/20/07 - 08/31/10  
F & A: 0

Muise-Helmericks, Robin  
**Principal Investigator**

**A Novel VEGF Signal Pathway Leading to Mitochondrial Biogenesis**  
Sponsor: NIH/NHLBI  
Budget Dates: 01/01/10 - 12/31/10  
Direct: $200,000  
**Award:** 5 R01 HL084565-04 (09110676)  
Project Dates: 01/19/07 - 12/31/14  
F & A: 92,000

Palatinus, Joseph  
**Principal Investigator**

**Connexin 43 Gap Junction Dynamics in the Diabetic Heart**  
Sponsor: NIH/NHLBI  
Budget Dates: 02/01/10 - 01/31/11  
Direct: $37,387  
**Award:** 5 F30 HL095320-02 (09100570)  
Project Dates: 02/01/09 - 01/31/14  
F & A: 0

Ramamurthi, Anand  
**Co-PI or Project Leader**

**Cues for Cell-Mediated Regeneration of Elastin Matrix to Stabilize Aortic Aneurysms**  
PI: Richard Swaja  
Sponsor: Clemson Univ.  
Dept: Regenerative Medicine and Cell Biology  
**Total:** $106,462  
**Award:** 1282-7557-209-2007100 (10022348-1)

Reaves, Titus  
**Principal Investigator**

**2010 Ernest Everett Just Scientific Symposium**  
Sponsor: SC Research Authority  
Budget Dates: 01/01/10 - 04/30/10  
Direct: $25,000  
**Award:** TO 0053 (10020337)  
Project Dates: 01/01/10 - 04/30/10  
F & A: 0

Sugi, Yukiko  
**Co-Investigator**

**SC Cobre for Developmentally Based Cardiovascular Diseases: Core D-Molecular Tool Kit**  
PI: Roger Markwald  
Sponsor: NIH/NCRR  
Dept: Regenerative Medicine and Cell Biology  
**Total:** $190,808  
**Award:** 5 P20 RR016434-09 (09051584-12)

Swaja, Richard  
**Principal Investigator**

**Accelerating the Maturation of Regenerating Bone Tissue Using Lysyl Oxidase**  
Sponsor: Clemson Univ.  
Budget Dates: 05/01/09 - 04/30/10  
Direct: $10,000  
**Award:** 1275-7559-248-2006525 (07081399)  
Project Dates: 05/01/08 - 04/30/10  
F & A: 0

**Developing Living Tissue-Engineered Cochlear Implants for Hearing Restoration in Deaf and Hard-of-Hearing Infants**  
Sponsor: Clemson Univ.  
Budget Dates: 06/06/10 - 05/31/11  
Direct: $77,853  
**Award:** 1270-7559-247-2006591 (07091180)  
Project Dates: 06/06/09 - 05/31/11  
F & A: 7,785

**An Injectable Hydrogel Based System for the Treatment of Stroke**  
Sponsor: Clemson Univ.  
Budget Dates: 08/01/08 - 07/31/09  
Direct: $11,000  
**Award:** 1286-7557-247-2006741 (08030768)  
Project Dates: 08/01/08 - 07/31/10  
F & A: 2,200

**Biomechanical Characterization of Human Cartilaginous End-Plate**  
Sponsor: Clemson Univ.  
Budget Dates: 07/01/09 - 06/30/10  
Direct: $15,837  
**Award:** 1281-7557-209-2007117 (08031179)  
Project Dates: 07/01/09 - 06/30/11  
F & A: 7,523

**A Novel Coating of Human Albumin PLASTIC to Inhibit Bacteria Colonization and Biofilm Formation on Orthopedic Implants**  
Sponsor: Clemson Univ.  
Budget Dates: 08/01/09 - 07/31/10  
Direct: $10,000  
**Award:** 1386-201-2007443 (08100164)  
Project Dates: 08/01/09 - 02/28/11  
F & A: 4,750
Swaja, Richard

**Principal Investigator**

**Towards the Development of a Living Cochlear Implant**
Sponsor: Clemson Univ.
Award: 1196-7557-209-2006357 (09031041)
Budget Dates: 09/01/08 - 08/31/10
Project Dates: 09/15/07 - 08/31/10
Direct: $11,821
F & A: $5,437

**Biofabrication of Vascular Structure with Optimized Compliance**
Sponsor: Clemson Univ.
Award: 1388-23-2007733 (09090725)
Budget Dates: 11/01/09 - 09/30/10
Project Dates: 11/01/09 - 09/30/10
Direct: $23,306
F & A: $6,301

**Tissue Engineering in Spinal Cord Regeneration**
Sponsor: Clemson Univ.
Award: 1116-7558-209-2006035 (09031653)
Budget Dates: 04/01/07 - 03/31/12
Project Dates: 04/01/07 - 03/31/12
Direct: $13,699
F & A: $6,301

**Cues for Cell-Mediated Regeneration of Elastin Matrix to Stabilize Aortic Aneurysms**
Sponsor: Clemson Univ.
Award: 1282-7557-209-2007100 (10090725)
Budget Dates: 02/01/09 - 01/31/13
Project Dates: 02/01/09 - 01/31/13
Direct: $106,462
F & A: $50,570

**Biofabrication of Vascular Structure with Optimized Compliance**
Sponsor: Clemson Univ.
Award: 1116-7558-209-2006035 (09031653)
Budget Dates: 04/01/07 - 03/31/12
Project Dates: 04/01/07 - 03/31/12
Direct: $6,301
F & A: $6,301

**Tissue Engineering in Spinal Cord Regeneration**
Sponsor: Clemson Univ.
Award: 1116-7558-209-2006035 (10071440)
Budget Dates: 04/01/07 - 03/31/12
Project Dates: 04/01/07 - 03/31/12
Direct: $15,753
F & A: $15,753

Thompson, Robert

**Principal Investigator**

**Conditioning of Embryonic Myocardial Tubes in Vitro**
Sponsor: NIH/NHLBI
Award: 5 R21 HL091452-02 (10021295)
Budget Dates: 04/01/07 - 03/31/12
Project Dates: 04/01/07 - 03/31/12
Direct: $125,000
F & A: $59,375

**SC Cobre for Developmentally Based Cardiovascular Diseases: Core B-Imaging**
Pl: Roger Markwald
Dept: Regenerative Medicine and Cell Biology
Award: 5 P20 RR016434-09 (09051584-10)
Total: $146,367

**A Modular Approach for Engineering of a Self-Assembling Vascular Tree Using Prefabricated Vascular Elements as Building Blocks**
Pl: Christopher Drake
Dept: Regenerative Medicine and Cell Biology
Award: 10091140-1
Total: $70,000

**Mentor**

**SC Cobre for Developmentally Based Cardiovascular Diseases: Core A2-Mentoring**
Pl: Roger Markwald
Dept: Regenerative Medicine and Cell Biology
Award: 5 P20 RR016434-09 (09051584-8)
Total: $74,359

Toole, Bryan

**Principal Investigator**

**Genetic Control of Limb Development Project 1**
Sponsor: Univ. of Connecticut
Award: 5 R01 CA082867-10 (10040564)
Budget Dates: 06/01/99 - 05/31/11
Project Dates: 06/01/01 - 05/31/11
Direct: $67,222
F & A: $31,236

**Perturbation of Hyaluronan Function in Cancer**
Sponsor: NIH/NCI
Award: 5 R01 HL095067-02 (09110296)
Budget Dates: 09/01/99 - 05/31/11
Project Dates: 09/01/01 - 05/31/11
Direct: $172,000
F & A: $79,120

Trusk, Thompson

**Co-PI or Project Leader**

**SC Cobre for Developmentally Based Cardiovascular Diseases: Core B-Imaging**
Pl: Roger Markwald
Dept: Regenerative Medicine and Cell Biology
Award: 5 P20 RR016434-09 (09051584-10)
Total: $146,367

Twal, Waleed

**Co-Investigator**

**SC Cobre for Developmentally Based Cardiovascular Diseases: Core C-Proteogenomics**
Pl: Roger Markwald
Dept: Regenerative Medicine and Cell Biology
Award: 5 P20 RR016434-09 (09051584-11)
Total: $163,304

**Fibulin-1 Regulation of the DiGeorge Syndrome Pathogenesis Pathway**
Pl: W. Argraves
Dept: Regenerative Medicine and Cell Biology
Award: 5 R01 HL095067-02 (09110296-1)
Total: $250,000

Visconti, Richard

**Principal Investigator**

**Effects of Angiotensin II Antagonism on Adult HSC-Derived Cells in Post-Infarction Ventricular Remodeling**
Sponsor: Amer. Heart Assoc./Mid-Atlantic
Award: 0865325E (08010203)
Budget Dates: 07/01/08 - 06/30/10
Project Dates: 07/01/08 - 06/30/10
Direct: $60,000
F & A: $6,000
Visconti, Richard

Co-Investigator

Caveolin-1 Regulation of Altered Functions of Scleroderma Fibrocytes
PI: Elena Tourkina  Sponsor: NIH/NIAMS  Total: $ 50,000
Dept: Medicine  Award: 1 R03 AR056767-01 (08021223-1)

HSC-Derived Fibroblasts in Normal and Diseased Valves
PI: Christopher Drake  Sponsor: NIH/NHLBI  Total: $ 250,000
Dept: Regenerative Medicine and Cell Biology  Award: 5 R01 HL080168-04 (10041514-1)

Vizcaino, Maria

Principal Investigator

Evaluating Antimicrobial Compounds from Coral-Associated Pseudovibrio Bacteria
Sponsor: NIH/NIAID  Budget Dates: 09/30/09 - 09/29/10  Direct: $ 38,821
Award: 1 F31 AI084455-01 (09012782)  Project Dates: 09/30/09 - 03/30/11  F & A: 0

Wen, Xuejun

Co-PI or Project Leader

Accelerating the Maturation of Regenerating Bone Tissue Using Lysyl Oxidase
PI: Richard Swaja  Sponsor: Clemson Univ.  Total: $ 10,000
Dept: Regenerative Medicine and Cell Biology  Award: 1275-7559-248-2006525 (07081399-2)

Developing Living Tissue-Engineered Cochlear Implants for Hearing Restoration in Deaf and Hard-of-Hearing Infants
PI: Richard Swaja  Sponsor: Clemson Univ.  Total: $ 77,853
Dept: Regenerative Medicine and Cell Biology  Award: 1386-201-2007443 (08100164-1)

A Novel Coating of Human Albumin PLASTIC to Inhibit Bacteria Colonization and Biofilm Formation on Orthopedic Implants
PI: Richard Swaja  Sponsor: Clemson Univ.  Total: $ 10,000
Dept: Regenerative Medicine and Cell Biology  Award: 1388-23-2007733 (09090725-1)

Biofabrication of Vascular Structure with Optimized Compliance
Dept: Regenerative Medicine and Cell Biology  Award: 1116-7558-209-2006035 (10071440-1)

Tissue Engineering in Spinal Cord Regeneration
PI: Richard Swaja  Sponsor: Clemson Univ.  Total: $ 34,247
Dept: Regenerative Medicine and Cell Biology  Award: 1116-7558-209-2006035 (09091653-1)

Co-Investigator

Tissue Engineering in Spinal Cord Regeneration
PI: Richard Swaja  Sponsor: Clemson Univ.  Total: $ 13,699
Dept: Regenerative Medicine and Cell Biology  Award: 1116-7558-209-2006035 (09091653-1)

Wessels, Arno

Principal Investigator

Mesenchymal-to-Myocardial Differentiation of the Dorsal Mesenchymal Protrusion
Sponsor: Amer. Heart Assoc./Mid-Atlantic  Budget Dates: 07/01/09 - 06/30/10  Direct: $ 70,000
Award: 09GRNT2060075 (09020551)  Project Dates: 07/01/09 - 06/30/11  F & A: 7,000

The Role of Cartilage Link Protein 1 (Crtl 1) in Heart Development
Sponsor: NIH/NHLBI  Budget Dates: 01/01/10 - 12/31/10  Direct: $ 250,000
Award: 5 R01 HL084285-04 (09111779)  Project Dates: 01/01/07 - 12/31/10  F & A: 115,000

Co-Investigator

SC Cobre for Developmentally Based Cardiovascular Diseases: Core A1-Business Management
PI: Roger Markwald  Sponsor: NIH/NCRR  Total: $ 138,254
Dept: Regenerative Medicine and Cell Biology  Award: 5 P20 RR016434-09 (09051584-7)

SC Cobre for Developmentally Based Cardiovascular Diseases: Core A3-Pilot Projects
PI: Roger Markwald  Sponsor: NIH/NCRR  Total: $ 71,133
Dept: Regenerative Medicine and Cell Biology  Award: 5 P20 RR016434-09 (09051584-9)

SC Cobre for Developmentally Based Cardiovascular Diseases: Core B-Imaging
PI: Roger Markwald  Sponsor: NIH/NCRR  Total: $ 146,367
Dept: Regenerative Medicine and Cell Biology  Award: 5 P20 RR016434-09 (09051584-10)

Mentor

SC Cobre for Developmentally Based Cardiovascular Diseases: Core A2-Mentoring
PI: Roger Markwald  Sponsor: NIH/NCRR  Total: $ 74,359
Dept: Regenerative Medicine and Cell Biology  Award: 5 P20 RR016434-09 (09051584-8)
### Co-Investigator

**Yao, Hai**

**Biophysical Modeling of Fluid and Solute Transport in the TMJ**
- **PI:** Keith Kirkwood  
- **Dept:** Craniofacial Biology  
- **Award:** 1371-209-2087238/1 R03 DE (08031178-1)  
- **Total:** $10,185

**Biophysical Modeling of Fluid and Solute Transport in the TMJ**
- **PI:** Keith Kirkwood  
- **Dept:** Craniofacial Biology  
- **Award:** 1371-209-2087238/1 R03 DE (08031178-2)  
- **Total:** $9,755

**Biomechanical Characterization of Human Cartilaginous End-Plate**
- **PI:** Richard Swaja  
- **Dept:** Regenerative Medicine and Cell Biology  
- **Award:** 1371-209-2087238/1 R03 DE (08031179-1)  
- **Total:** $15,837

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### Co-PI or Project Leader

**Zhang, Ning**

**An Injectable Hydrogel Based System for the Treatment of Stroke**
- **PI:** Richard Swaja  
- **Dept:** Regenerative Medicine and Cell Biology  
- **Award:** 1286-7557-247-2006741 (08030768-1)  
- **Total:** $11,000

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### Surgery

**Baker, Megan**

**NSABP Breast and Bowel Cancer Treatment Protocols**
- **Sponsor:** NSABP  
- **Budget Dates:** 02/01/10 - 01/31/11  
- **Direct:** $30,000  
- **Award:** TFED40-361 (10052712)  
- **Project Dates:** 01/01/04 - 01/31/11  
- **F & A:** $3,000

---

**Baliga, Prabhakar**

**A 24-Month, Multi-Center, Randomized, Open-Label, Non-Inferiority Study of Efficacy and Safety Comparing Concentration-Controlled Study Drug in Two Doses in Renal Transplant Recipients**
- **Sponsor:** Novartis Corp.  
- **Budget Dates:** 08/31/05 - 01/31/10  
- **Direct:** $1,600  
- **Award:** CRAD001A2309 (05111572)  
- **Project Dates:** 09/21/09 - 08/31/14  
- **F & A:** $400

**Proteogenomics for Organ Transplantation: Prediction, Diagnosis, Intervention**
- **Sponsor:** Northwestern Univ.  
- **Budget Dates:** 09/21/09 - 08/31/14  
- **Direct:** $23,750  
- **Award:** 60024957/U 01 Al084146 (08101640)  
- **Project Dates:** 09/21/09 - 08/31/14  
- **F & A:** $50,000

**A Program to Increase Living Donation in African Americans - Administrative Supplement**
- **Sponsor:** NIH/NIDDK  
- **Budget Dates:** 05/28/10 - 05/27/11  
- **Direct:** $99,046  
- **Award:** 3 R01 DK062596-08S1 (09041595)  
- **Project Dates:** 09/21/09 - 08/31/14  
- **F & A:** $47,047

**A Program to Increase Living Donations in African Americans**
- **Sponsor:** NIH/NIDDK  
- **Budget Dates:** 08/01/09 - 07/31/10  
- **Direct:** $139,650  
- **Award:** 5 R01 DK062596-08 (09061585)  
- **Project Dates:** 09/15/09 - 08/31/14  
- **F & A:** $64,239

---

**Bratton, Charles**

**A Facilitated Access Program to Provide Everolimus (RAD) for Maintenance for Patients Completing Therapy in RAD Trials in Solid Organ Transplantation**
- **Sponsor:** Novartis Corp.  
- **Budget Dates:** 02/17/04 - 06/30/10  
- **Direct:** $12,640  
- **Award:** CRDA A 2401 (04081201)  
- **Project Dates:** 02/17/04 - 06/30/10  
- **F & A:** $3,160

---

**Camp, Ernest**

**A Randomized, Phase 3, Clinical Trial to Evaluate the Efficacy and Safety of Treatment with OncoVEXGM-CSF Compared to Subcutaneously Administered GM-CSF in Previously Treated Melanoma Patients with Unresectable Stage IIib, IIIc and IV Disease**
- **PI:** Keisuke Shirai  
- **Dept:** Medicine  
- **Award:** 005/05 (09122337-1)  
- **Total:** $170,835

**Clinical Vector for TCR Immunotherapy Targeted to Melanoma**
- **PI:** Michael Nishimura  
- **Dept:** Surgery  
- **Award:** 2 R44 CA126461-02A1 (09072979-1)  
- **Total:** $441,185

---

**Chavin, Kenneth**

**The Hepatic Research Registry**
- **Sponsor:** CellzDirect, Inc.  
- **Budget Dates:** 10/01/04 - 12/31/11  
- **Direct:** $17,500  
- **Award:** (04092001)  
- **Project Dates:** 10/01/04 - 12/31/11  
- **F & A:** $4,625
Chavin, Kenneth

**Principal Investigator**

**A 24 Month, Multi-Center, Open-Label, Randomized, Controlled Study to Evaluate the Efficacy and Safety of Concentration-Controlled Everolimus to Eliminate or to Reduce Tacrolimus Compared to Tacrolimus in De Novo Liver Transplant Recipients**

**Sponsor:** Novartis Corp.

**Budget Dates:** 10/15/07 - 01/04/12

**Direct:** $328,650

**Award:** RAD001H2304 509 (08051463)

**F & A:** $81,037

**Protection of Steatotic Livers from Primary Nonfunction**

**Sponsor:** NIH/NIDDK

**Budget Dates:** 08/01/09 - 07/31/10

**Direct:** $195,074

**Award:** 5 R01 DK069369-04 (09061587)

**F & A:** $89,734

**Incidence and Impact of Cardiovascular Disease on Graft Function and Survival in Kidney Transplant Recipients: What is the Role of Race?**

**Sponsor:** Novartis Corp.

**Budget Dates:** 09/01/09 - 08/31/10

**Direct:** $60,840

**Award:** (09091143)

**F & A:** $13,960

**A Phase 2, Randomized, Multi-Center, Placebo-Controlled, Double-Blinded, Parallel-Group Study to Evaluate the Efficacy, Safety, and Population Pharmacokinetics of Once-Daily Oral E5501 Tablets Used Up to 7 Days in Subjects with Chronic Liver Diseases and Thrombocytopenia Prior to Elective Surgical or Diagnostic Procedures**

**Sponsor:** CTI Clinical Trial and Consulting Services, Inc.

**Budget Dates:** 09/21/09 - 09/20/12

**Direct:** $79,732

**Award:** E5501-G000-202 (09091144)

**F & A:** $19,058

**A 12-Month, Multi-Center, Randomized, Open-Label, Non-Inferiority Study of Efficacy and Safety Comparing Concentration-Controlled Everolimus with Low Dose Tacrolimus to Cellcept with Standard Dose Tacrolimus in De Novo Renal Transplant Recipients**

**Sponsor:** Novartis Corp.

**Budget Dates:** 09/30/09 - 05/11/13

**Direct:** $268,058

**Award:** RAD0001AUS92 (10030311)

**F & A:** $66,014

**Co-Investigator**

A Program to Increase Living Donations in African Americans

**PI:** Prabhakar Baliga

**Sponsor:** NIH/NIDDK

**Total:** $139,650

**Dept:** Surgery

**Award:** 5 R01 DK062596-08 (09061585-1)

Cole, David

**Principal Investigator**

**Targeting Early Activated T Cells for Adoptive Therapy**

**Sponsor:** NIH/NCI

**Budget Dates:** 09/01/09 - 08/31/10

**Direct:** $175,793

**Award:** 2 R01 CA083672-09A1 (09050588)

**F & A:** $83,502

**Targeting The CaSm Oncogene as a Novel Therapy for Pancreatic Cancer**

**Sponsor:** NIH/NCI

**Budget Dates:** 08/01/09 - 07/31/10

**Direct:** $206,914

**Award:** 5 R01 CA123159-03 (09051909)

**F & A:** $71,854

**Co-Investigator**

Epistatic Effects of FcgammaR and Fc (GM) Genes in Breast Cancer

**PI:** Janardan Pandey

**Sponsor:** DOD/US Army

**Total:** $100,000

**Dept:** Division of Basic Sciences

**Award:** W81XWH-08-1-0373 (07052112-3)

Maximizing Memory T Cell Responses by Matured Post Chemotherapy Dendritic Cells

**PI:** Mark Rubinstein

**Sponsor:** NIH/NCI

**Total:** $207,500

**Dept:** Surgery

**Award:** 1 R01 CA133503-01A2 (09070104-1)

Clinical Vector for TCR Immunotherapy Targeted to Melanoma

**PI:** Michael Nishimura

**Sponsor:** Lentigen Corporation

**Total:** $441,185

**Dept:** Surgery

**Award:** 2 R44 CA126461-02A1 (09072979-1)

Fakhry, Samir

**Co-Investigator**

Critical Care Excellence in Sepsis and Trauma (CREST)

**PI:** Dee Ford

**Sponsor:** NIH/NCMHD

**Total:** $367,265

**Dept:** Medicine

**Award:** 1 RC1 MD004405-01 (09042394-1)

Hughes, Michael

**Principal Investigator**

**2009 ASTS-Team Donate Life Junior Faculty Award**

**Sponsor:** Amer. Society of Transplant Surgeons

**Budget Dates:** 07/01/09 - 06/30/10

**Direct:** $50,000

**Award:** (09012148)

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<td>Prospective Randomized On-X/St. Jude Medical Evaluation</td>
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<td>Co-Investigator</td>
<td>Advanced Glycation End-Products in Human Myocardium</td>
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<td>Intracellular Signaling in Thoracic Aortic Aneurysm</td>
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<td>Lin, Angello</td>
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<td>Belatacept Evaluation of Nephroprotection and Efficacy as First-Line Immunosuppression Trial (BENEFIT)</td>
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<td>A Phase 2, Multi-Center, Open-Label, Active, Comparator-Controlled, Extension Trial to Evaluate the Long Term Safety and Efficacy of CP690,550 in Renal Allograft Recipients</td>
<td>Icon Clinical Research, Inc.</td>
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<td>Co-Investigator</td>
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<td>Isolation and Characterization of Prostate Antigen Specific High Affinity TCR</td>
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### Nishimura, Michael

**Principal Investigator**

**TCR Affinity and Therapeutic Efficacy of T Cells**

- **Sponsor:** NIH/NCI
- **Budget Dates:** 09/01/09 - 06/30/10
- **Direct:** $142,540
- **Award:** 3 R01 CA104947-03S2 (09030937)
- **Project Dates:** 09/01/09 - 06/30/10

**TCR Affinity and Therapeutic Efficacy of T Cells**

- **Sponsor:** NIH/NCI
- **Budget Dates:** 08/01/09 - 07/31/11
- **Direct:** $232,136
- **Award:** 2 R44 CA126461-02A1 (09072979)
- **Project Dates:** 06/01/10 - 05/31/11

**Clinical Vector for TCR Immunotherapy Targeted to Melanoma**

- **Sponsor:** Lentigen Corporation
- **Budget Dates:** 06/01/10 - 05/31/11
- **Direct:** $441,185
- **Award:** 2 R44 CA126461-02A1 (09072979)
- **Project Dates:** 06/01/10 - 05/31/11

**Co-PI or Project Leader**

**MUSC Cancer Center Support Grant: Program 3: Cancer Immunology and Immunotherapy**

- **PI:** Andrew Kraft
- **Sponsor:** NIH/NCI
- **Total:** $25,609
- **Award:** 5 P30 CA138313-02 (10012770-5)
- **Dept:** Medicine

### Reed, Carolyn

**Principal Investigator**

**American Cancer Society Institutional Research Grant**

- **Sponsor:** Amer. Cancer Soc.
- **Budget Dates:** 01/01/10 - 12/31/10
- **Direct:** $150,000
- **Award:** IRG-97-219-11 (09033042)
- **Project Dates:** 01/01/10 - 12/31/10

### Robison, Jacob

**Co-Investigator**

**A Multi-Center, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Safety and Efficacy of SCH 530348 in Addition to Standard Care in Subjects with a History of Atherosclerotic Disease: Thrombin Receptor Antagonist in Secondary Prevention of Atherothrombotic Ischemic Events (TRA 2)-TIMI 50**

- **PI:** James Thomas
- **Sponsor:** Schering-Plough Research In
- **Total:** $60,000
- **Dept:** Medicine
- **Award:** P04737/P05183 (07112882-3)

### Rubinstein, Mark

**Principal Investigator**

**Maximizing Memory T Cell Responses by Matured Post Chemotherapy Dendritic Cells**

- **Sponsor:** NIH/NCI
- **Budget Dates:** 03/01/10 - 02/28/11
- **Direct:** $207,500
- **Award:** 1 R01 CA133503-01A2 (09070104)
- **Project Dates:** 03/01/10 - 02/28/13

### Sade, Robert

**Co-Investigator**

**South Carolina Clinical and Translational Research Institute (SCTR) (UL1)**

- **PI:** Kathleen Brady
- **Sponsor:** NIH/NCRR
- **Total:** $2,466,971
- **Dept:** Psychiatry and Behavioral Sciences
- **Award:** 1 UL1 RR29882-01 (09080615-1)
Salem, Mohamed

**Co-Investigator**

**Targeting Early Activated T Cells for Adoptive Therapy**

**PI:** David Cole  
**Sponsor:** NIH/NCI  
**Total:** $175,793

**Dept:** Surgery  
**Award:** 2 R01 CA083672-09A1 (09050588-1)

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Spinale, Francis

**Principal Investigator**

**Maladaptive Remodeling in Aging Myocardium**

**Sponsor:** VAMC  
**Budget Dates:** 04/01/10 - 03/31/11  
**Direct:** $150,000

**Award:** (06062417)

**Myocardial Protection and Matrix Proteases**

**Sponsor:** NIH/NHLBI  
**Budget Dates:** 01/15/10 - 12/31/10  
**Direct:** $262,881

**Award:** 1 R01 HL095608-01A1 (09021938)

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**Protection of Ischemic Myocardium**

**Sponsor:** Univ. of Louisville  
**Budget Dates:** 04/01/09 - 03/31/11  
**Direct:** $36,011

**Award:** 040825-04-MUSC (09031043)

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**Endothelin Receptors and Progression to Heart Failure**

**Sponsor:** NIH/NHLBI  
**Budget Dates:** 07/01/10 - 05/30/11  
**Direct:** $248,392

**Award:** 3 R01 HL057952-10S1 (09041607)

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**Endothelin Receptors and Progression to Heart Failure**

**Sponsor:** NIH/NHLBI  
**Budget Dates:** 06/01/10 - 05/31/11  
**Direct:** $250,000

**Award:** 5 R01 HL057952-11 (10021932)

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**Collagenase Inhibition in Heart Failure**

**Sponsor:** NIH/NHLBI  
**Budget Dates:** 06/01/10 - 05/31/11  
**Direct:** $240,895

**Award:** 5 R01 HL059165-12 (10040560)

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**Co-Investigator**

**Post-Synthetic Procollagen Processing in Load-Induced Left Ventricular Remodeling**

**PI:** Amy Bradshaw  
**Sponsor:** NIH/NHLBI  
**Total:** $250,000

**Dept:** Medicine  
**Award:** 1 R01 HL094517-01A1 (08102901-1)

---

**Advanced Glycation End-Products in Human Myocardium**

**PI:** Michael Zile  
**Sponsor:** Univ. of Vermont  
**Total:** $161,266

**Dept:** Medicine  
**Award:** 21469/R01 HL089944-02 (09101420-1)

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Yarbrough, William

**Principal Investigator**

**Mechanisms and Significance of TIMP-4 in the Progression of Hypertrophy and Failure with AS**

**Sponsor:** Amer. Assoc. for Thoracic Surgery  
**Budget Dates:** 07/01/09 - 06/30/10  
**Direct:** $80,000

**Award:** (09011308)

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**Other**

**Endothelin Receptors and Progression to Heart Failure**

**PI:** Francis Spinale  
**Sponsor:** NIH/NHLBI  
**Total:** $118,796

**Dept:** Surgery  
**Award:** 3 R01 HL057952-10S1 (09041607-1)

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**Endothelin Receptors and Progression to Heart Failure- Administrative Supplement**

**PI:** Francis Spinale  
**Sponsor:** NIH/NHLBI  
**Total:** $129,596

**Dept:** Surgery  
**Award:** 3 R01 HL057952-10S1 (09041607-2)

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Urology

Keane, Thomas

**Principal Investigator**

**A Study of Tanezumab as Add-On Therapy to Opioid Medication in Patients with Pain Due to Cancer That Has Spread to Bone**

**Sponsor:** INC Research, Inc.  
**Budget Dates:** 08/26/09 - 09/30/10  
**Direct:** $96,702

**Award:** A4091003 (09093033)

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**Open-Label Extension in Cancer Patients**

**Sponsor:** INC Research, Inc.  
**Budget Dates:** 08/26/09 - 09/30/10  
**Direct:** $26,750

**Award:** A4091029 (09093036)

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**A Dose-Finding, Multi-Center, Double-Blind, Randomized, Parallel, Placebo-Controlled Trial to Investigate Efficacy and Safety of Degarelix in Men with Lower Urinary Tract Symptoms (LUTS) Associated with Benign Prostatic Hyperplasia (BPH)**

**Sponsor:** INC Research, Inc.  
**Budget Dates:** 02/17/10 - 04/29/11  
**Direct:** $107,850

**Award:** FE200486CS36 (10012553)
## Keane, Thomas

### Co-Investigator

**Thromboxane Receptors in Bladder Cancer-Fuji Project**

- **PI:** Perry Halushka  
- **Dept:** Division of Basic Sciences  
- **Sponsor:** Fujifilm Manufacturing, Inc.  
- **Award:** Fuji Project (09072765-1)  
- **Total:** $14,208

**Thromboxane Receptors in Bladder Cancer-Fuji Project**

- **PI:** Perry Halushka  
- **Dept:** Division of Basic Sciences  
- **Sponsor:** Fujifilm Manufacturing, Inc.  
- **Award:** Fuji Project (09072765-2)  
- **Total:** $2,138

### Collaborator

**The Role of Thromboxane A2 (TP) Receptor Beta in Bladder Cancer**

- **PI:** Omar Moussa  
- **Dept:** Pathology and Laboratory Medicine  
- **Sponsor:** NIH/NCI  
- **Award:** 5 R01 CA127905-02 (10022673-1)  
- **Total:** $207,500

## Rames, Ross

### Principal Investigator

**PORTREAT: Observational, Prospective Study of Survival, Treatment Patterns, Disease and Economic Outcomes in Patients with Metastatic Castrate-Resistant Prostate Cancer (CPRC) with Progression During or after First-Line Docetaxel-Based Regimen**

- **Sponsor:** Sanofi-Aventis US, Inc.  
- **Award:** PORTREAT (10052073)  
- **Budget Dates:** 05/12/10 - 05/31/11  
- **Direct:** $9,707  
- **F & A:** 1,427

## Rovner, Eric

### Principal Investigator

**BK Channel Function and Regulation in Urinary Bladder Smooth Muscle**

- **Sponsor:** Univ. of South Carolina  
- **Award:** 10-1744/R01 DK084284 (10022247)  
- **Budget Dates:** 09/30/09 - 08/31/10  
- **Direct:** $2,478  
- **F & A:** 1,177

**Pilot, Clinical Trial to Study the Effectiveness of a Four-Week Exposure to a Transcutaneous, High-Frequency, Amplitude-Modulated, Non-Invasive Neurostimulation Device on Urgency (Urinary) Incontinence in Subjects with Idiopathic Overactive Bladder (OAB)**

- **Sponsor:** Ethicon Endo-Surgery, Inc.  
- **Award:** CI-10-0001 (10022677)  
- **Budget Dates:** 02/09/10 - 04/30/11  
- **Direct:** $48,046  
- **F & A:** 11,261
Nursing

Amella, Elaine
Principal Investigator

**Feeding in Elderly Late-Stage Dementia: The FIELD Trial**
Sponsor: NIH/NIA  
Award: 1 R21 AG032083-02 (08031073)  
Budget Dates: 06/01/10 - 05/30/11  
Direct: $100,439

**CHES: Cooking Health - Eating Smart**
Sponsor: Clemson Univ.  
Award: 1368-207-2007539/2009-461 (09063096)  
Budget Dates: 09/01/09 - 08/31/11  
Direct: $56,170

Andrews, Jeannette
Principal Investigator

**Partnership Readiness for Community Based Participatory Research**
Sponsor: NIH/NINR  
Award: 5 R03 NR011238-02 (09072767)  
Budget Dates: 09/01/09 - 08/31/10  
Direct: $40,215

**A Social Ecological Based Smoking Cessation Intervention in Public Housing**
Sponsor: NIH/NHLBI  
Award: 5 R01 HL090951-02 (09100261)  
Budget Dates: 12/01/09 - 11/30/10  
Direct: $554,320

Aselage, Melissa
Principal Investigator

**Alleviating Mealtime Difficulties in Older Adults with Dementia**
Sponsor: Amer. Acad. of Nursing  
Award: 09-151 (09010767)  
Budget Dates: 07/01/09 - 06/30/10  
Direct: $41,982

Bond, Sharon
Co-Investigator

A Study of Multivalent Human Papillomavirus (HPV) Given to Females Who Have Previously Received GARDASIL.
Sponsor: Merck  
Total: $44,569

Bryant, Deborah
Principal Investigator

**Early Detection for Breast Cancer Using Outreach Navigators and Mobile Mammography Screening**
Sponsor: Komen for the Cure/Lowcountry Affiliate  
Award: (09120124)  
Budget Dates: 04/01/10 - 03/31/11  
Direct: $47,000

Edlund, Barbara
Co-PI or Project Leader

**Improving Patient Outcomes in End-of-Life Care Provided By Physicians and Nurses**
Sponsor: Univ. of Washington  
Award: 411005-4 (09040810-1)  
Total: $136,986

**Improving Patient Outcomes in End-of-Life Care Provided By Physicians and Nurses**
Sponsor: Univ. of Washington  
Award: 411005-5 (10050683-1)  
Total: $145,379

Grossman, Janet
Co-Investigator

**Early Intervention to Reduce Domestic Violence**
Sponsor: MUSC Fdn.  
Award: 6111-SP (07120733-2)  
Total: $280,853

Inman, Dianna
Co-Investigator

**Early Intervention to Reduce Domestic Violence**
Sponsor: MUSC Fdn.  
Award: 6111-SP (07120733-2)  
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Mueller, Martina

**Co-Investigator**

**A Social Ecological Based Smoking Cessation Intervention in Public Housing**

- **PI:** Jeannette Andrews
- **Sponsor:** NIH/NHLBI
- **Total:** $554,320
- **Dept:** Nursing
- **Award:** 5 R01 HL090951-02 (09100261-1)

*N/8 - Prolonging Remission in Depressed Elderly (PRIDE)*

- **Pl:** Rebecca Knapp
- **Sponsor:** NIH/NIMH
- **Total:** $245,954
- **Dept:** Medicine
- **Award:** 5 U01 MH081362-02 (10012557-1)

Nemeth, Lynne

**Principal Investigator**

**Synthesizing Lessons Learned Using Health Information Technology**

- **Sponsor:** AHRQ
- **Budget Dates:** 05/01/10 - 04/30/11
- **Direct:** $32,717
- **Award:** 1 R03 HS018830-01 (09061821)

**Reducing Inappropriate Prescribing of Antibiotics by Primary Care Clinicians**

- **Pl:** Arch Mainous
- **Sponsor:** AHRQ
- **Total:** $154,290
- **Dept:** Family Medicine
- **Award:** HHSA290200710015 TA#3 (09051460-1)

**Medication Safety in Primary Care - Translating Research into Practice (MSTRIP)**

- **Pl:** Steven Ornstein
- **Sponsor:** AHRQ
- **Total:** $287,860
- **Dept:** Family Medicine
- **Award:** 5 R18 HS017037-03 (09052019-1)

**Implementation of Alcohol Screening, Intervention and Treatment in Primary Care**

- **Pl:** Peter Miller
- **Sponsor:** NIH/NIAAA
- **Total:** $382,539
- **Dept:** Psychiatry and Behavioral Sciences
- **Award:** 5 R01 AA016768-02 (09071518-1)

Newman, Susan

**Principal Investigator**

**A Peer Navigator Intervention for Individuals with Spinal Cord Injury**

- **Sponsor:** NIH/NICHD
- **Budget Dates:** 02/01/10 - 01/31/11
- **Direct:** $104,834
- **Award:** 1 K23 HD06237-01 (09020435)

**Racial Variations in Communication, Decision-Making and Diabetes Outcomes**

- **Sponsor:** VAMC
- **Budget Dates:** 10/01/09 - 09/30/10
- **Direct:** $230,800
- **Award:** (08102374)

Carolina Conversations: A Multiethnic Digital Corpus of Speech for Older Persons

- **Sponsor:** NIH/NLM
- **Budget Dates:** 09/30/09 - 03/14/11
- **Direct:** $134,276
- **Award:** 5 G08 LM009624-03 (09072766)

**The Role of Communication in CHF Care Coordination in Home Telehealth**

- **Sponsor:** VAMC
- **Budget Dates:** 09/01/09 - 08/31/10
- **Direct:** $99,200
- **Award:** (09102976)

Smith, Gigi

**Co-Investigator**

**Coping with Epilepsy: A Program for Youth**

- **Pl:** Janelle Wagner
- **Sponsor:** Parents Against Childhood Ep
- **Total:** $3,000
- **Dept:** Pediatrics
- **Award:** (06022482-2)
Smith, Sheila

**Co-Investigator**

**Nurse Education Practice and Retention: Hispanic Health Initiative**

- **PI:** Deborah Williamson
- **Sponsor:** HRSA
- **Total:** $269,822

**Dept:** Nursing

**Award:** 5 D11HP05206-05-00 (09040701-1)

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Stroud, Sally

**Principal Investigator**

**Advanced Education Nursing Traineeship (AENT)**

- **Sponsor:** HRSA
- **Award:** 2 A10HP08284-03-00 (08101642)

**Budget Dates:** 07/01/09 - 06/30/10

**Direct:** $77,445

**Nurse Faculty Loan Program**

- **Sponsor:** HRSA
- **Award:** 1 E01 HP13019-01-00 (09021294)

**Budget Dates:** 07/01/09 - 06/30/10

**Direct:** $119,575

---

Vandemark, Lisa

**Co-PI or Project Leader**

**Early Intervention to Reduce Domestic Violence**

- **PI:** Deborah Williamson
- **Sponsor:** MUSC Fdn.
- **Total:** $280,853

**Dept:** Nursing

**Award:** 6111-SP (07120733-2)

---

Williams, Tiffany

**Co-Investigator**

**Nurse Education Practice and Retention: Hispanic Health Initiative**

- **PI:** Deborah Williamson
- **Sponsor:** HRSA
- **Total:** $269,822

**Dept:** Nursing

**Award:** 5 D11HP05206-05-00 (09040701-1)

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Williamson, Deborah

**Principal Investigator**

**Early Intervention to Reduce Domestic Violence**

- **Sponsor:** MUSC Fdn.
- **Award:** 6111-SP (07120733)

**Budget Dates:** 07/01/09 - 06/30/10

**Direct:** $280,853

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**Nurse Education Practice and Retention: Hispanic Health Initiative**

- **Sponsor:** HRSA
- **Award:** 5 D11HP05206-05-00 (09040701)

**Budget Dates:** 07/01/09 - 06/30/11

**Direct:** $269,822

**F & A:** 21,585

**Teen Health Advocate Leadership Program Planning Grant**

- **Sponsor:** Center for Public Service Communications
- **Award:** 2008-09 (09062343)

**Budget Dates:** 07/01/09 - 06/30/10

**Direct:** $43,660

**Promotoras of Health**

- **Sponsor:** Communities in Schools
- **Award:** (09070120)

**Budget Dates:** 07/01/09 - 06/30/10

**Direct:** $25,000

**Abrazos Childhood Development Program**

- **Sponsor:** Charleston County School District
- **Award:** ABRAZOS (09082064)

**Budget Dates:** 07/01/09 - 06/30/10

**Direct:** $8,279

**Video Medical Interpretation Research**

- **Sponsor:** NIH/NLM
- **Award:** HHSN276200900853P (09103087)

**Budget Dates:** 09/30/09 - 09/29/10

**Direct:** $54,949

**F & A:** 4,396

---

**Co-Investigator**

**Southeastern US Collaborative CEED (SUCCEED)**

- **PI:** Marvella Ford
- **Sponsor:** Morehouse School of Medicin
- **Total:** $53,846

**Dept:** Medicine

**Award:** 5 U58 DP000984-03 (09121813-1)
Pharmaceutical and Biomedical Sciences

Beeson, Craig

**Principal Investigator**

**Optimization of Dipeptide-Linked Benzimidazole Topoisomerase 1 Poisons**

- **Sponsor:** Apogee
- **Award:** 1 R41 CA132413-01A1 (09092492)
- **Budget Dates:** 09/18/09 - 02/28/11
- **Total:** $78,215

**Co-PI or Project Leader**

**High Content Metabolic Screens for Anti-Degenerative Agents in the Retina**

- **Pl:** Baerbel Rohrer
- **Dept:** Ophthalmology
- **Sponsor:** Fdn. Fighting Blindness
- **Award:** TA-NP-0607-0446-MUSC-WG (10061012-1)
- **Total:** $200,000

**Co-Investigator**

**The Role of Peroxiredoxin1 and Reactive Oxygen Species in Breast Tumor Initiation**

- **Pl:** Carola Neumann
- **Dept:** Division of Basic Sciences
- **Sponsor:** NIH/NCI
- **Award:** 1 R01 CA131350-01A2 (09061610-1)
- **Total:** $207,500

**RNS Mediated Regulation of Protein Disulfide Isomerase in Neuronal Cells**

- **Pl:** Danyelle Townsend
- **Dept:** Pharmaceutical and Biomedical Science
- **Sponsor:** NIH/NIEHS
- **Award:** 1 R56 ES017453-01A1 (09070227-1)
- **Total:** $73,103

**MUSC Minority Student Development Program**

- **Pl:** Cynthia Wright
- **Dept:** Division of Basic Sciences
- **Sponsor:** NIH/NIGMS
- **Award:** 5 R25 GM072643-06 (10031143-1)
- **Total:** $298,496

**Beharry, Zanna**

**Co-Investigator**

**Novel Therapeutic Approaches Toward Treating Prostate Cancer**

- **Pl:** Andrew Kraft
- **Dept:** Medicine
- **Sponsor:** DOD
- **Award:** W81XWH-10-1-0249 (09070751-1)
- **Total:** $240,928

**Chan, Sherine**

**Principal Investigator**

**The Mechanism of Mitochondrial DNA Proofreading in Human Health and Disease**

- **Sponsor:** NIH/NIEHS
- **Award:** 4 R00 ES015555-02 (09070971)
- **Budget Dates:** 09/07/09 - 07/31/12
- **Direct:** $181,695
- **F & A:** $67,305

**Eaddy, Andre**

**Principal Investigator**

**Role of iplea2gamma in Oxidant-Induced Cell Death and Renal Failure**

- **Sponsor:** NIH/NIEHS
- **Award:** 5 F30 ES015964-03 (09070226)
- **Budget Dates:** 09/01/10 - 08/31/13
- **Direct:** $31,915
- **F & A:** $0

**Hall, Philip**

**Co-PI or Project Leader**

**MUSC Cancer Center Support Grant: Protocol Review and Monitoring System (PRMS)**

- **Pl:** Andrew Kraft
- **Dept:** Medicine
- **Sponsor:** NIH/NCI
- **Award:** 5 P30 CA138313-02 (10013770-14)
- **Total:** $47,807

**Holmuhamedov, Ekhson**

**Principal Investigator**

**Mitochondrial Dysfunction and Susceptibility to Atrial Fibrillation in the Elderly**

- **Sponsor:** Mayo Clinic
- **Award:** 1 R01 HL101240-01 (10061775)
- **Budget Dates:** 04/15/10 - 03/31/11
- **Direct:** $69,005
- **F & A:** $32,777

**Lemasters, John**

**Principal Investigator**

**Mitochondrial Permeability Transition in Pathogenesis of Hemorrhagic Injury: Targeted Therapy with Minocycline**

- **Sponsor:** DOD
- **Award:** W81XWH09-1-0484/W91ZSQ906 (08100796)
- **Budget Dates:** 07/01/09 - 06/30/10
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<tr>
<td>Patrick, Kennerly</td>
<td>Methylphenidate-Ethanol Interactions in ADHD and Co-Abuse</td>
<td>NIH/NIAAA</td>
<td>09/30/02 - 08/31/11</td>
<td>196,628</td>
<td>90,449</td>
</tr>
</tbody>
</table>
Patrick, Kennerly
Co-Investigator
Drug Transporters and the Disposition of ADHD Therapeutic Agents
PI: John Markowitz Sponsor: NIH/NIDA Total: $ 225,635
Dept: Pharmaceutical and Biomedical Science Award: 5 R01 DA022475-03 (09061716-1)

Schnellmann, Rick
Principal Investigator
Training Program in Environmental Stress Signaling
Sponsor: NIH/NIEHS Budget Dates: 07/01/09 - 06/30/11 Direct: $ 128,692
Award: 5 T32 ES012878-05 (09010256) Project Dates: 07/01/05 - 06/30/11 F & A: 7,512

Mitochondrial Biogenesis Promotes Recovery from Oxidant Injury
Sponsor: NIH/NIGMS Budget Dates: 07/01/09 - 06/30/10 Direct: $ 200,000
Award: 5 R01 GM084147-02 (09060940) Project Dates: 09/01/08 - 06/30/12 F & A: 95,000

Novel Phospholipase A2 in Oxidant-Induced Cell Injury
Sponsor: NIH/NIDDK Budget Dates: 12/01/09 - 11/30/10 Direct: $ 269,172
Award: 5 R01 DK062028-07 (09012870) Project Dates: 03/15/02 - 11/30/10 F & A: 93,608

Smith, Charles
Principal Investigator
Intervention of Colon Cancer by Sphingosine Kinase Inhibitors
Sponsor: Univ. of South Carolina Budget Dates: 09/01/09 - 08/31/10 Direct: $ 12,551
Award: 10-717/1 R01 CA137736 (08031291) Project Dates: 09/01/09 - 08/31/10 F & A: 5,773

Cell Cycle Specific CDK Inhibitors as Potential Anti-Tumor Therapeutics Through Replace
Sponsor: Univ. of South Carolina Budget Dates: 08/01/09 - 07/31/10 Direct: $ 12,186
Award: 09-1634/1 R01 CA131368 (09092493) Project Dates: 09/25/08 - 07/31/13 F & A: 5,788

Sphingosine Kinase as a Target for Cancer Therapy
Sponsor: NIH/NCI Budget Dates: 02/01/10 - 01/31/11 Direct: $ 190,000
Award: 5 R01 CA122226-04 (09122122) Project Dates: 04/01/07 - 01/31/12 F & A: 87,400

Co-PI or Project Leader
The Mechanism of Action of Unique Small Molecules That Inhibit the Pim Protein Kinase Blocking Prostate Cancer Cell Growth
PI: Andrew Kraft Sponsor: DOD Total: $ 125,000
Dept: Medicine Award: W81XWH-09-1-0300 (08060478-2)

Townsend, Danyelle
Principal Investigator
RNS Mediated Regulation of Protein Disulfide Isomerase in Neuronal Cells
Sponsor: NIH/NIEHS Budget Dates: 06/01/10 - 05/31/11 Direct: $ 73,103
Award: 1 R56 ES017453-01A1 (09070227) Project Dates: 06/01/10 - 05/31/11 F & A: 34,724

Co-Investigator
Pharmacology of NOV-002
PI: Kenneth Tew Sponsor: Novolos Therapeutics, Inc. Total: $ 105,325
Dept: Division of Basic Sciences Award: Novolos Year 5 (08072963-2)

Pharmacology of NOV-002
PI: Kenneth Tew Sponsor: Novolos Therapeutics, Inc. Total: $ 52,000
Dept: Division of Basic Sciences Award: Novolos Year 5 (08072963-3)

Zhong, Zhi
Principal Investigator
Mechanisms of In Vivo Ethanol-Induced Mitochondrial Depolarization
Sponsor: NIH/NIAAA Budget Dates: 08/01/09 - 07/31/10 Direct: $ 250,000
Award: 1 R01 AA017756-01 (08100380) Project Dates: 08/01/09 - 07/31/11 F & A: 116,069

Improvement of Liver Transplantation by a Sphingosine Kinase Inhibitor
Sponsor: Apogee Budget Dates: 08/20/09 - 06/30/10 Direct: $ 79,174
Award: 1 R41 DK084632-01 (09051243) Project Dates: 08/20/09 - 06/30/11 F & A: 37,608

Transplantation of Reduced-Size Fatty Livers
Sponsor: NIH/NIDDK Budget Dates: 02/22/10 - 01/31/11 Direct: $ 31,775
Award: 3 R01 DK070844-04S1 (09071517) Project Dates: 02/22/10 - 01/31/11 F & A: 0
Zhong, Zhi

**Principal Investigator**

**Transplantation of Reduced-Size Fatty Livers**
Sponsor: NIH/NIDDK

**Budget Dates:** 06/01/10 - 05/31/11  
**Direct:** $173,811

**Award:** 5 R01 DK070844-05 (10040669)  
**Project Dates:** 06/01/06 - 05/31/11  
**F & A:** $79,953

**Co-Investigator**

**Mechanisms of I/R Injury to Hepatocytes**
PI: John Lemasters  
Sponsor: NIH/NIDDK  
Total: $198,891

**Dept:** Pharmaceutical and Biomedical Science  
**Award:** 5 R01 DK073336-04 (10042853-1)

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**Pharmacy and Clinical Sciences**

Drayton, Shannon

**Co-Investigator**

**SCCP Medicaid Academic Detailing Project - Amendment Five**
PI: Patrick Mauldin  
Sponsor: Univ. of South Carolina  
Total: $41,896

**Dept:** Pharmacy and Clinical Sciences  
**Award:** 08-1470 (10012889-1)

**SCCP Medicaid Academic Detailing Project - Amendment Six**
PI: Patrick Mauldin  
Sponsor: Univ. of South Carolina  
Total: $20,948

**Dept:** Pharmacy and Clinical Sciences  
**Award:** 08-1470/PO#81594 (10050790-1)

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LaPointe, Marc

**Principal Investigator**

**Retrospective Evaluation of Acute Blood Pressure Control in Ischemic Stroke Patients**
Sponsor: The Medicines Co.  
**Budget Dates:** 11/30/09 - 11/30/10  
**Direct:** $24,100

**Award:** (10011390)  
**Project Dates:** 11/30/09 - 11/30/10  
**F & A:** 5,400

**Co-Investigator**

**A Phase I/II Study of Intraventricular DepoCyt (Orphan Drug Designation 06-2348) in Patients with Recurrent Glioblastoma**
PI: Bruce Frankel  
Sponsor: FDA  
Total: $105,765

**Dept:** Neurosciences  
**Award:** 1 R01 FD003542-01 (08020480-1)

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Mauldin, Patrick

**Principal Investigator**

**Ethnic Differences in Medication Adherence and Cost for Elderly Veterans with DM**
Sponsor: VAMC  
**Budget Dates:** 02/01/10 - 01/31/11  
**Direct:** $133,400

**Award:** (08102373)  
**Project Dates:** 02/01/10 - 01/31/11  
**F & A:** 0

**SCCP Medicaid Academic Detailing Project - Amendment Five**
Sponsor: Univ. of South Carolina  
**Budget Dates:** 01/01/10 - 04/30/10  
**Direct:** $41,896

**Award:** 08-1470 (10012889)  
**Project Dates:** 05/01/07 - 04/30/10  
**F & A:** 0

**SCCP Medicaid Academic Detailing Project - Amendment Six**
Sponsor: Univ. of South Carolina  
**Budget Dates:** 05/01/10 - 07/31/10  
**Direct:** $20,948

**Award:** 08-1470/PO#81694 (10050790)  
**Project Dates:** 05/01/07 - 07/31/10  
**F & A:** 0

**Co-Investigator**

**Innovative Service Delivery for Secondary Prevention of PTSD in at-Risk OIF-OEF Service Men and Women**
PI: Thomas Uhde  
Sponsor: Charleston Research Institute  
Total: $82,395

**Dept:** Psychiatry and Behavioral Sciences  
**Award:** W81XWH-08-2-0047 (08052722-3)

**Evaluating Predictors and Interventions in Sphincter of Oddi Dysfunction (EPISOD)**
PI: Peter Cotton  
Sponsor: NIH/NIDDK  
Total: $862,033

**Dept:** Medicine  
**Award:** 5 U01 DK074739-03 (09050169-1)

**Evaluating Predictors and Interventions in Sphincter of Oddi Dysfunction (EPISOD)- DATA**
PI: Peter Cotton  
Sponsor: NIH/NIDDK  
Total: $119,467

**Dept:** Medicine  
**Award:** 5 U01 DK074739-03 (09050169-2)

**Telephone Delivered Behavioral Skills Intervention for Blacks with T2DM**
PI: Leonard Egede  
Sponsor: NIH/NIDDK  
Total: $344,462

**Dept:** Medicine  
**Award:** 5 R01 DK081121-02 (09051801-1)

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Nappi, Jean

**Co-Investigator**

**SCCP Medicaid Academic Detailing Project - Amendment Five**
PI: Patrick Mauldin  
Sponsor: Univ. of South Carolina  
Total: $41,896

**Dept:** Pharmacy and Clinical Sciences  
**Award:** 08-1470 (10012889-1)

**SCCP Medicaid Academic Detailing Project - Amendment Six**
PI: Patrick Mauldin  
Sponsor: Univ. of South Carolina  
Total: $20,948

**Dept:** Pharmacy and Clinical Sciences  
**Award:** 08-1470/PO#81594 (10050790-1)
Ragucci, Kelly

**Co-Investigator**

**Pre-Doctoral Training in Primary Care: Motivate for Health**

- **Pl:** Alexander Chessman
- **Dept:** Family Medicine
- **Sponsor:** HRSA
- **Award:** 5 D56HP10309-02 (09021721-1)
- **Total:** $138,888

Shrader, Sarah

**Principal Investigator**

**Surveying the Awareness of Diabetes Conversation Map Teaching Methods among Pharmacists Who are Certified Diabetes Educators**

- **Sponsor:** Merck
- **Budget Dates:** 03/01/10 - 06/30/10
- **Direct:** $5,000
- **Award:** 37302 (10021944)

**Co-Investigator**

**Pre-Doctoral Training in Primary Care: Motivate for Health**

- **Pl:** Alexander Chessman
- **Dept:** Family Medicine
- **Sponsor:** HRSA
- **Total:** $138,888

Sterrett, James

**Other**

**Video Medical Interpretation Research**

- **Pl:** Deborah Williamson
- **Dept:** Nursing
- **Sponsor:** NIH/NLM
- **Total:** $54,949
- **Award:** HHSN276200900853P (09103087-1)

Swindle, Ashley

**Principal Investigator**

**The Effect of Implementing an Educational Program Targeting Seniors to Improve Attitude and Willingness to Receive the Herpes Zoster Vaccine**

- **Sponsor:** American Pharmacists Assoc. Fdn.
- **Budget Dates:** 01/01/10 - 12/15/10
- **Direct:** $1,000
- **Award:** (10021838)

Wisniewski, Christopher

**Co-Investigator**

**SCCP Medicaid Academic Detailing Project - Amendment Five**

- **Pl:** Patrick Mauldin
- **Dept:** Pharmacy and Clinical Sciences
- **Sponsor:** Univ. of South Carolina
- **Total:** $41,896
- **Award:** 08-1470 (10012889-1)

**SCCP Medicaid Academic Detailing Project - Amendment Six**

- **Pl:** Patrick Mauldin
- **Dept:** Pharmacy and Clinical Sciences
- **Sponsor:** Univ. of South Carolina
- **Total:** $20,948
- **Award:** 08-1470/PO#81594 (10050790-1)