Summary of Grant and Contract Awards

For the Fiscal Year
July 2007 - June 2008

<table>
<thead>
<tr>
<th>Source</th>
<th>Count</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal</td>
<td>571</td>
<td>$147,675,974</td>
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<tr>
<td>Federal Direct</td>
<td>410</td>
<td>126,475,970</td>
</tr>
<tr>
<td>Federal Flow-Down</td>
<td>161</td>
<td>21,200,004</td>
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<tr>
<td>Corporate</td>
<td>340</td>
<td>33,335,855</td>
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<tr>
<td>Foundation</td>
<td>124</td>
<td>10,634,169</td>
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<tr>
<td>State of South Carolina</td>
<td>39</td>
<td>9,670,919</td>
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<tr>
<td>Other Support</td>
<td>23</td>
<td>1,154,515</td>
</tr>
<tr>
<td>Total</td>
<td>1097</td>
<td>$202,471,432</td>
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EXECUTIVE SUMMARY

Fiscal Year 2008 was a record breaking year for the Medical University of South Carolina. Over 1,500 proposals were submitted for funding consideration during this monumental year, and 1,097 awards were funded, taking MUSC's extramural funding level over the 200 million dollar mark. MUSC's researchers should be commended for this outstanding performance during these highly competitive times. MUSC is proud of its researchers and their efforts that made FY 2008 such an extraordinary year.

Table 1: College Comparison

<table>
<thead>
<tr>
<th>Unit</th>
<th>FY07</th>
<th>FY08</th>
<th>+/-</th>
<th>%</th>
<th>FY07</th>
<th>FY08</th>
<th>+/-</th>
<th>%</th>
<th>FY07</th>
<th>FY08</th>
<th>+/-</th>
<th>%</th>
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<tr>
<td>Administration</td>
<td>13</td>
<td>22</td>
<td>9</td>
<td>69%</td>
<td>27</td>
<td>28</td>
<td>1</td>
<td>3.7%</td>
<td>$7,470,389</td>
<td>$8,908,703</td>
<td>19.3%</td>
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</tr>
<tr>
<td>Dental Medicine</td>
<td>20</td>
<td>20</td>
<td>0</td>
<td>0%</td>
<td>11</td>
<td>13</td>
<td>2</td>
<td>18.2%</td>
<td>2,808,254</td>
<td>5,548,786</td>
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<td>13</td>
<td>6</td>
<td>86%</td>
<td>1</td>
<td>4</td>
<td>3</td>
<td>300.0%</td>
<td>217,360</td>
<td>804,752</td>
<td>270.2%</td>
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<tr>
<td>Health Professions</td>
<td>31</td>
<td>35</td>
<td>4</td>
<td>13%</td>
<td>17</td>
<td>26</td>
<td>9</td>
<td>52.9%</td>
<td>2,091,293</td>
<td>2,886,096</td>
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<tr>
<td>Medicine</td>
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<td>1340</td>
<td>272</td>
<td>25%</td>
<td>955</td>
<td>971</td>
<td>16</td>
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<td>172,792,282</td>
<td>176,090,292</td>
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<tr>
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<td>33</td>
<td>9</td>
<td>38%</td>
<td>18</td>
<td>23</td>
<td>5</td>
<td>27.8%</td>
<td>2,998,365</td>
<td>3,079,797</td>
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<tr>
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<td>46</td>
<td>4</td>
<td>10%</td>
<td>31</td>
<td>32</td>
<td>1</td>
<td>3.2%</td>
<td>4,978,532</td>
<td>5,153,006</td>
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<tr>
<td></td>
<td>1205</td>
<td>1509</td>
<td>304</td>
<td>25%</td>
<td>1060</td>
<td>1097</td>
<td>37</td>
<td>3.49%</td>
<td>193,356,475</td>
<td>202,471,432</td>
<td>4.7%</td>
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</table>

Table 1 above indicates the number of overall proposal submissions increased by 25% compared to FY 2007. Almost every unit experienced significant growth in proposals from FY 2007 to FY 2008. In addition to the increase in proposals, every single unit experienced growth in the number of awards accepted, up 3.49% from last year. MUSC's awarded dollars increased by 4.7% to over $202.4M in FY 2008. A review of MUSC's total funding by source reveals where the increases occurred.

Figure 1: FY08 Funding by Source

Figure 2: FY07 Funding by Source
Federal Funding

Traditionally, the National Institutes of Health (NIH) has constituted a significant portion of MUSC's overall extramural funding, and FY 2008 was not an exception. NIH funding accounted for 50% of all funding and 80% of direct federal funding. MUSC's researchers received 317 NIH awards (up 22 from a year ago), totalling more than $101.1M in funding, an 8.28% increase. Of the 317 NIH awards, 63 were new, 27 were competing continuations, 185 were non-competing continuations, 23 were supplements and 19 were transfers.

While MUSC surpassed the $200M mark in overall funding, NIH awards exceeded the $100M threshold, yet another milestone accomplishment by MUSC’s research community in FY 2008 (see Figure 3). This feat is particularly impressive considering the level federal budgets of the last four years. Table 2 illustrates MUSC's FY 2008 success with NIH by award type compared with last year's figures. Note losses in the Contracts/Other category, down roughly $3M from a year ago, were more than offset by huge gains in Cooperative Agreements (U-awards), up roughly $6.6M from FY 2007. Over $3.9M of this growth in Cooperative Agreements was attributable to a single U-award, constituting MUSC's largest clinical research award from NIH to date.

Figure 3: Ten Year Funding Summary

<table>
<thead>
<tr>
<th>Award Amount (In Millions)</th>
<th>NIH</th>
<th>OTHER</th>
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<tbody>
<tr>
<td>$250</td>
<td></td>
<td></td>
</tr>
<tr>
<td>$200</td>
<td></td>
<td></td>
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<tr>
<td>$150</td>
<td></td>
<td></td>
</tr>
<tr>
<td>$100</td>
<td></td>
<td></td>
</tr>
<tr>
<td>$50</td>
<td></td>
<td></td>
</tr>
<tr>
<td>$</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FY99</td>
<td>FY00</td>
<td>FY01</td>
</tr>
<tr>
<td>$</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Figure 4 depicts the percentage breakdown by funding source of all FY 2008 direct federal funding awarded to MUSC. Although funding from the National Institute of Standards and Technology (NIST) is down 50% from last year, it remained MUSC’s second largest federal supporter. Most of MUSC’s NIST funding is for large construction projects. Increases from federal agencies included a 263% gain in funding from the Agency for Health Care Research and Quality (AHRQ), up from less than $500K last year to more than $1.6 million in FY 2008. Modest increases were also recorded from the Centers for Disease Control (CDC) and the Veterans Administration.
Federal Flow-Down Funding

Although MUSC’s direct federal funding declined from FY 2007, federal flow-down funding increased during FY 2008, with 93 different agencies awarding more than $21.2M. This substantial increase of 55.2% demonstrates that researchers continue to seek out successful collaborations and partnerships to further their research initiatives. In addition, an award for more than $4.7M flowing through Health Sciences South Carolina (HSSC) was received from the Federal Communications Commission (FCC) to improve public and non-profit rural health care providers’ access to more efficient telecommunications and information services. These federal flow-down award totals are an all-time high at MUSC.

Foundation Funding

MUSC grew in foundation funding by 41% during FY 2008. The number of awards increased to 124, up 25 from a year ago and resulted in funding of over $10.6M for MUSC researchers.

State Funding

State funding also grew in FY 2008 to $9.6M, up by 18.25% over last year’s tally. A large part of this increase in state funding stemmed from MUSC’s success in earning awards from South Carolina’s Research Centers of Economic Excellence program. Awards to MUSC from this vital state resource more than doubled from FY 2007 to FY 2008. The citizens of South Carolina will be well served by these key investments in MUSC’s research endeavors.

Corporate Funding

FY 2008 was a steady year for MUSC in the corporate sponsored research arena. MUSC’s researchers secured 340 awards (up 10 from the prior year) accounting for over $33.3M in research support. However this was down roughly $1M from last year; and therefore constituted a modest decrease of 2.8% of funding in this sector of MUSC’s research portfolio. Regardless, MUSC still had some large awards in the corporate area. Icon Clinical, Pharmaceutical Research Associates, Quintiles Pacific, Takeda Pharmaceuticals, and Norvartis represented MUSC’s largest corporate sponsors for FY2008.

Funding by Source and Agency

<table>
<thead>
<tr>
<th>Agency</th>
<th># Awards</th>
<th>Direct Costs</th>
<th>Indirect Costs</th>
<th>Total Award</th>
</tr>
</thead>
<tbody>
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<td>3F Therapeutics</td>
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<td>10,800</td>
<td>2,700</td>
<td>13,500</td>
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<td>Abbott Labs</td>
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<td>330,924</td>
<td>81,106</td>
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<td>228,647</td>
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<td>Accelerated Community Oncology Research</td>
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<td>3,059</td>
<td>765</td>
<td>3,824</td>
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<tr>
<td>Advanced Bionics</td>
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<td>45,804</td>
<td>10,201</td>
<td>56,005</td>
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<tr>
<td>Advanced Cardiovascular Systems</td>
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<td>2,400</td>
<td>600</td>
<td>3,000</td>
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<td>77,000</td>
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<tr>
<td>Corporate Agency</td>
<td># Awards</td>
<td>Direct Costs</td>
<td>Indirect Costs</td>
<td>Total Award</td>
</tr>
<tr>
<td>-------------------------------------------------------</td>
<td>----------</td>
<td>--------------</td>
<td>----------------</td>
<td>-------------</td>
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<tr>
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<td>Guidant</td>
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## Corporate Agency

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<tr>
<th>Agency</th>
<th># Awards</th>
<th>Direct Costs</th>
<th>Indirect Costs</th>
<th>Total Award</th>
</tr>
</thead>
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<td>Lilly Research Laboratories</td>
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<td>15,320</td>
<td>76,600</td>
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**Total for Corporate (148 Agencies)**

340 | $26,928,407 | $6,407,448 | $33,335,855

## Federal

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Annual Report for Research FY2008
### Federal

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**Total for Federal (40 Agencies)**

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### Foundation

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**Total for Foundation (63 Agencies)**

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### Other Support

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<td>29,213</td>
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<tr>
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<td>University of California</td>
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<td>154,057</td>
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<td>21,179</td>
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<td>1,909</td>
<td>17,819</td>
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<td>Yale University</td>
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</table>

**Total for Other Support (21 Agencies)**

| 23 | $1,052,744 | 101,771 | $1,154,515 |

### State of South Carolina

<table>
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<tr>
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<th>Direct Costs</th>
<th>Indirect Costs</th>
<th>Total Award</th>
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</tr>
<tr>
<td>SC Dept. of Transportation</td>
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</table>
Summary

**College and Department Summaries**

The Medical University **Administration** secured 28 awards during FY 2008, one more from the previous year. However, funding increased by 19.25%, the majority of which emanated from an information technology grant awarded to Information Services. This award provides enhanced broadband internet access to public and non-profit health care providers throughout rural South Carolina.

The **College of Dental Medicine** earned 13 awards in FY 2008, an increase of two from the previous year. Total funding for FY 2008 in the College was over $5.5M, up by more than 97%. The drop in funding last year and subsequent increase this year was due to an anomaly with the NIH COBRE grant. The renewal was delayed with a shortened budget period so years 1 and 2 of the new project period were both accepted and recorded in FY2008. As indicated, the College continued to receive most all of its support from federal sponsors.

The **College of Health Professions** awards increased from 17 to 26, with a 38% increase in overall funding from last year. More than $2.8M in total funding was awarded to the College in FY 2008. In addition, the College significantly grew in federal and foundation support, up 46.6 % and 213.8% respectively.
The **College of Medicine** experienced steady growth in FY 2008 and increased its number of awards by 15 to 971, accounting for more than $176M in funding. This represents nearly a 2% increase in funding from a year ago. Gains in state (78.5%), federal flow-down (21.3%), foundation (26.7%) and other (55.7%) offset declines experienced in the federal (-3.8%) and corporate (-3.1%) sectors. NIH funding for the College grew by $4.9M over last year, for a 5.9% increase, helping to push MUSC over the $100M mark in NIH funding for the first time. Total funding awarded to the College represented 87% of MUSC’s total extramural funding.

The **College of Nursing** earned 5 more awards in FY 2008 for a total of 23, accounting for just over $3M in funding. These awards constituted a 2.7% increase in funding over fiscal year 2007. Federal funding in the College was nearly in line with last year’s figures. The decrease in federal flow-down support was offset by an increase in foundation funding (up 294%). Also, corporate support was regained in FY 2008.

The **College of Pharmacy** experienced steady growth in awards (up 1 to 32) in FY 2008 accounting for a 3.5% increase in funding from last year. Of the $5.1M awarded to the College, most of the funding was generated in the federal category. Although federal funding decreased from FY 2007, significant gains in state and foundation funding were recognized from just a year ago.

Summary of Awards by College and Department

<table>
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<tr>
<th>Administration</th>
<th># PI's</th>
<th># Awards</th>
<th>Direct Costs</th>
<th>Total Costs</th>
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<td>4,766,970</td>
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<td>College of Dental Medicine</td>
<td># PI's</td>
<td># Awards</td>
<td>Direct Costs</td>
<td>Total Costs</td>
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<td>--------</td>
<td>----------</td>
<td>--------------</td>
<td>-------------</td>
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<th># PI's</th>
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<th>Total Costs</th>
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<th># PI's</th>
<th># Awards</th>
<th>Direct Costs</th>
<th>Total Costs</th>
</tr>
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<td>Clinical Services</td>
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<th># Awards</th>
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<table>
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<tr>
<th>College of Nursing</th>
<th># PI's</th>
<th># Awards</th>
<th>Direct Costs</th>
<th>Total Costs</th>
</tr>
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### Proposal Award Comparison

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### Summary

- Annual Report for Research FY2008
- Medical University of South Carolina
Faculty Activity
Academic Affairs / Provost

Buff, Scotty  
Co-PI/Project Leader  
Juniors Doctors of Health: Comprehensive Obesity Prevention  
PI: David Garr  
Dept: SC AHEC  
Sponsor: Duke Endowment  
Total: $ 117,265

Information Services

Clark, Frank  
Principal Investigator  
Rural Health Care Pilot Program  
Sponsor: Health Sciences SC  
Award: (08072450)  
Budget Dates: 12/01/07 - 11/30/08  
Direct: $ 4,766,970

Library Science and Informatics

Fleming, Glenn  
Other  
NEPC and Community Leaders Institute  
PI: David Rivers  
Dept: Library Science and Informatics  
Sponsor: Tennessee State Univ.  
Total: $ 91,271

Jablonski, Richard  
Other  
NEPC and Community Leaders Institute  
PI: David Rivers  
Dept: Library Science and Informatics  
Sponsor: Tennessee State Univ.  
Total: $ 91,271

Mauldin, Mary  
Co-Investigator  
Development and Evaluation of a Web-Based Intervention for Disaster Victims  
PI: Kenneth Ruggiero  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIMH  
Total: $ 227,431

National Center for Disaster Mental Health Research  
PI: Dean Kilpatrick  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: Dartmouth Coll.  
Total: $ 41,882

Self-Assessment and Self-Help for Teen Violence Victims  
PI: Dean Kilpatrick  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: DC Office of Victim Services  
Total: $ 300,000

Maintenance of TF-CBTWeb and CTGWeb (Child Abuse and Traumatic Loss T/S Development Center)  
PI: Benjamin Saunders  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: Allegheny General Hospital  
Total: $ 18,518

Significant Contributor  
Development and Evaluation of a Web-Based Intervention for Disaster Victims  
PI: Kenneth Ruggiero  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIMH  
Total: $ 193,804

May, Janice  
Principal Investigator  
HOH-SC Hispanic Outreach  
Sponsor: Univ. of Maryland  
Award: N01-LM-6-3502 (07010509)  
Budget Dates: 04/01/08 - 10/31/09  
Direct: $ 39,850

Training Award - Greenville  
Sponsor: National Network of Libraries of Medicine  
Award: N01-LM-6-3502 (07120409)  
Budget Dates: 01/01/08 - 03/31/08  
Direct: $ 500

Exhibit - Native American Inaugural Business Expo  
Sponsor: Univ. of Maryland  
Award: N01-LM-6-3502 (08032752)  
Budget Dates: 04/01/08 - 06/30/08  
Direct: $ 1,582
McKeehan, Nancy

**Other**

**HOH-SC Hispanic Outreach**

**PI:** Janice May  
**Sponsor:** Univ. of Maryland  
**Total:** $39,850

**Dept:** Library Science and Informatics  
**Award:** N01-LM-6-3502 (07010509-1)

Rivers, David

**Principal Investigator**

**Corp. Support - National Conference on Health Disparities**

**Sponsor:** Multiple Sponsors  
**Budget Dates:** 02/01/07 - 12/31/09  
**Direct:** $40,000

**Award:** Conference (07012513)

**Project Dates:** 02/01/07 - 12/31/09  
**F & A:** $0

**SCSU Environmental Policy Institute Sub-Agreement - Modification II**

**Sponsor:** SC State Univ.  
**Budget Dates:** 10/01/07 - 09/29/09  
**Direct:** $267,881

**Award:** 06-441850-UTC-MUSC-SC (07060703)

**Project Dates:** 09/30/05 - 09/29/09  
**F & A:** $0

**Community Leaders Workshop**

**Sponsor:** SCUREF  
**Budget Dates:** 07/28/03 - 09/30/08  
**Direct:** $509,821

**Award:** WEST094/CO01572-0 (07080792)

**Project Dates:** 07/28/03 - 09/30/08  
**F & A:** $29,073

Schachte, Margaret

**Principal Investigator**

**National Heart, Lung and Blood Institute Proteomics Administrative Center**

**Sponsor:** NIH/NHLBI  
**Budget Dates:** 09/30/07 - 09/29/08  
**Direct:** $404,310

**Award:** N01 HV 28181 (03042202)

**Project Dates:** 09/30/02 - 09/29/09  
**F & A:** $185,983

Sullivan, Joann

**Principal Investigator**

**SC Space Grant 2007**

**Sponsor:** Coll. of Charleston  
**Budget Dates:** 05/01/07 - 04/30/09  
**Direct:** $2,000

**Award:** 520587/NG05GI68G (07031574)

**Project Dates:** 05/01/05 - 04/30/09  
**F & A:** $0

**SC EPSCoR/IDeA Program Travel**

**Sponsor:** SC Research Authority  
**Budget Dates:** 07/01/07 - 12/31/07  
**Direct:** $10,000

**Award:** Task Order #0018/Amend. 3 (07062916)

**Project Dates:** 11/01/05 - 12/31/07  
**F & A:** $0

**South Carolina IDeA Networks of Biomedical Research Excellence (SC INBRE)**

**Sponsor:** Univ. of South Carolina  
**Budget Dates:** 05/01/07 - 04/30/08  
**Direct:** $34,392

**Award:** 07-1444/P20 RR16461 (07073167)

**Project Dates:** 07/01/05 - 04/30/10  
**F & A:** $15,820

**SC EPSCoR/IDeA Travel**

**Sponsor:** SC Research Authority  
**Budget Dates:** 01/01/08 - 09/30/08  
**Direct:** $10,000

**Award:** SCRA Task Order #0018/Ame (08012530)

**Project Dates:** 11/01/05 - 09/30/08  
**F & A:** $0

Trettin, Lillian

**Other**

**HOH-SC Hispanic Outreach**

**PI:** Janice May  
**Sponsor:** Univ. of Maryland  
**Total:** $39,850

**Dept:** Library Science and Informatics  
**Award:** N01-LM-6-3502 (07010509-1)

Physical Plant

Malmrose, John

**Principal Investigator**

**FY 2008 Collegiate Recycling Grant**

**Sponsor:** SC DHEC  
**Budget Dates:** 10/15/07 - 06/30/08  
**Direct:** $25,000

**Award:** 10CG08 (07071295)

**Project Dates:** 10/15/07 - 06/30/08  
**F & A:** $0

Presidents Office

Coleman, III, Walker

**Principal Investigator**

**Program Administration Core**

**Sponsor:** SC Spinal Cord Injury Fund  
**Budget Dates:** 07/01/07 - 06/30/08  
**Direct:** $36,000

**Award:** (02090301)

**Project Dates:** 07/01/07 - 06/30/08  
**F & A:** $0

Annual Report for Research FY2008
Greenberg, Raymond

**Principal Investigator**

**Countess Alicia Paolozzi Distinguished Endowed Chair in Breast Cancer Diagnosis, Treatment and Research**

**Sponsor:** Spaulding-Paolozzi Foundation  
**Budget Dates:** 10/01/07 - 09/30/08  
**Direct:** $500,000

**SC AHEC**

Garr, David

**Principal Investigator**

**Model State-Supported AHEC Program**

**Sponsor:** HRSA  
**Budget Dates:** 09/01/07 - 08/31/08  
**Direct:** $335,545

**Palmetto State Geriatric Education Centers**

**Sponsor:** Univ. of South Carolina  
**Budget Dates:** 09/01/07 - 06/30/10  
**Direct:** $46,302

**Bioterrorism Training and Curriculum Development Project (BTCDP)**

**Sponsor:** HRSA  
**Budget Dates:** 09/01/07 - 02/28/09  
**Direct:** $1,023,537

**Assessing the Need and Feasibility for Using New Technologies to Increase Access to Subspecialty Consultative Services for Rural SC Communities**

**Sponsor:** Duke Endowment  
**Budget Dates:** 11/06/07 - 12/01/08  
**Direct:** $211,223

**Bioterrorism Hospital Preparedness Program**

**Sponsor:** SC DHEC  
**Budget Dates:** 09/01/07 - 08/08/08  
**Direct:** $24,074

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

**Sponsor:** Duke Endowment  
**Budget Dates:** 06/03/08 - 07/01/09  
**Direct:** $117,265

Johnson, Christopher

**Other**

**General Volunteer Training for ESAR-VIP**

**Pl:** D. Kennedy  
**Dept:** SC AHEC  
**Sponsor:** SC DHEC  
**Total:** $46,296

Kennedy, D.

**Principal Investigator**

**General Volunteer Training for ESAR-VIP**

**Sponsor:** SC DHEC  
**Budget Dates:** 07/01/07 - 06/30/08  
**Direct:** $46,296

**General Volunteer Training for ESAR-VIP**

**Sponsor:** SC DHEC  
**Budget Dates:** 08/03/07 - 08/31/08  
**Direct:** $158,183

**Co-Pl/Project Leader**

**Palmetto State Geriatric Education Centers**

**Pl:** David Garr  
**Dept:** SC AHEC  
**Sponsor:** Univ. of South Carolina  
**Total:** $46,302

**VP for Finance and Administration**

Montgomery, Lisa

**Principal Investigator**

**MUSC Intermodal Parking Facility-Cannon and Courtney Blvd-Construction**

**Sponsor:** SC Dept. of Transportation  
**Budget Dates:** 10/01/07 - 09/30/08  
**Direct:** $259,202
Materials Science

Alapati, Satish

Principal Investigator

A Novel Approach for Isolation and Guided Differentiation of Dental Pulp Side Population (SP) Cells for Regeneration and Mineralization of Periradicular Tissue

Sponsor: Amer. Assoc. of Endodontists
Budget Dates: 11/01/07 - 11/11/08
Direct: $ 4,000
Project Dates: 11/01/07 - 11/11/08
F & A: 0

Award: (07082333)

Yao, Hai

Co-PI/Project Leader

South Carolina COBRE for Oral Health Research - Project 4: Fluid and Solute Transport in Human Temporomandibular Joint Disc

Pl: Keith Kirkwood
Dept: Stomatology
Sponsor: NIH/NCRR
Award: 2 P20 RR017696-06 (07073060-8)
Total: $ 170,151

South Carolina COBRE for Oral Health Research - Project 4: Fluid and Solute Transport in Human Temporomandibular Joint Disc

Pl: Keith Kirkwood
Dept: Stomatology
Sponsor: NIH/NCRR
Award: 5 P20 RR017696-07 (08041439-8)
Total: $ 159,682

Pediatric Dentistry and Orthodontics

Salinas, Carlos

Principal Investigator

International Conference on Ectodermal Dysplasias Classification

Sponsor: NIH/NCRR
Budget Dates: 12/05/07 - 11/30/08
Direct: $ 30,000
Project Dates: 12/05/07 - 11/30/08
F & A: 0

G between Dates: 12/05/07 - 11/30/08
Direct: $ 30,000
Project Dates: 12/05/07 - 11/30/08
F & A: 0

Craniofacial Anomalies and Cleft Lip and Palate Team

Sponsor: SC DHEC
Budget Dates: 07/01/07 - 06/30/08
Direct: $ 27,971
Project Dates: 04/15/00 - 06/30/08
F & A: 2,237

South Carolina COBRE for Oral Health Research - Clinical and Lab Core

Pl: Keith Kirkwood
Dept: Stomatology
Sponsor: NIH/NCRR
Total: $ 296,708
Award: 2 P20 RR017696-06 (07073060-4)

South Carolina COBRE for Oral Health Research - Clinical and Lab Core

Pl: Keith Kirkwood
Dept: Stomatology
Sponsor: NIH/NCRR
Total: $ 258,474
Award: 5 P20 RR017696-07 (08041439-4)

Turner, Donald

Co-PI/Project Leader

Dental Health Assessment of South Carolina Special Olympic Athletes

Pl: Carlos Salinas
Dept: Pediatric Dentistry and Orthodontics
Sponsor: Special Olympics North America
Total: $ 3,500
Award: (07060596-1)

Stomatology

Chi, Angela

Co-PI/Project Leader

South Carolina COBRE for Oral Health Research - Project 2: CYP1B1 Induction in Tobacco-Related Oral Carcinogenesis

Pl: Keith Kirkwood
Dept: Stomatology
Sponsor: NIH/NCRR
Total: $ 118,082
Award: 2 P20 RR017696-06 (07073060-6)

South Carolina COBRE for Oral Health Research - Project 2: CYP1B1 Induction in Tobacco-Related Oral Carcinogenesis

Pl: Keith Kirkwood
Dept: Stomatology
Sponsor: NIH/NCRR
Total: $ 109,902
Award: 5 P20 RR017696-07 (08041439-6)
### Embree, Mildred

**Principal Investigator**

**Individual Predoctoral Dental Scientist Fellowship**

- **Sponsor:** NIH/NIDCR
- **Award:** 5 F30 DE018072-02 (07112988)
- **Budget Dates:** 09/01/07 - 08/31/08
- **Direct:** $42,762
- **Project Dates:** 09/16/06 - 08/31/10
- **F & A:** 0

### Kirkgood, Keith

**Principal Investigator**

**MUSC Dental Research Training Grant**

- **Sponsor:** NIH/NIDCR
- **Award:** 5 T32 DE017551-02 (07072757)
- **Budget Dates:** 07/01/07 - 06/30/08
- **Direct:** $426,298

**South Carolina COBRE for Oral Health Research**

- **Sponsor:** NIH/NCRR
- **Award:** 2 P20 RR017696-06 (07073060)
- **Budget Dates:** 07/01/07 - 05/31/08
- **Direct:** $1,708,242

**South Carolina COBRE for Oral Health Research**

- **Sponsor:** NIH/NCRR
- **Award:** 5 P20 RR017696-07 (08041439)
- **Budget Dates:** 03/01/07 - 05/31/12
- **Direct:** $1,511,127

**Altering Cytokine mRNA Stability in Periodontal Bone Loss**

- **Sponsor:** NIH/NIDCR
- **Award:** 7 R21 DE017966-02 (08043011)
- **Budget Dates:** 03/01/08 - 06/30/08
- **Direct:** $69,674

**Negative Regulation of Innate Immune Responses through MAPK Phosphatases**

- **Sponsor:** NIH/NIDCR
- **Award:** 7 R01 DE018290-03 (08043012)
- **Budget Dates:** 02/07/07 - 01/31/12
- **Direct:** $229,038

### Leite, Renata

**Co-PI/Project Leader**

**South Carolina COBRE for Oral Health Research - Project 5: Relationship Between Periodontal Disease and Type 2 Diabetes**

- **PI:** Keith Kirkwood
- **Dept:** Stomatology
- **Sponsor:** NIH/NCRR
- **Award:** 5 P20 RR017696-07 (08041439-10)
- **Total:** $116,821

**Co-Investigator**

**South Carolina COBRE for Oral Health Research - Clinical and Lab Core**

- **PI:** Keith Kirkwood
- **Dept:** Stomatology
- **Sponsor:** NIH/NCRR
- **Award:** 2 P20 RR017696-06 (07073060-4)
- **Total:** $296,708

### Reed, Susan

**Co-Investigator**

**General Clinical Research Center**

- **PI:** Joseph Reves
- **Dept:** Anesthesia and Perioperative Medicine
- **Sponsor:** NIH/NCRR
- **Award:** 2 M01 RR001070-30A1 (06100397-1)
- **Total:** $1,762,556

**Oral Health in People with Systemic Sclerosis**

- **PI:** Hon Yuen
- **Dept:** Rehabilitation Sciences
- **Sponsor:** NIH/NIDCR
- **Award:** 1 R21 DE017360-01A2 (06102577-1)
- **Total:** $125,000

**Evaluation of Vitamin D Requirements During Pregnancy**

- **PI:** Bruce Hollis
- **Dept:** Pediatrics
- **Sponsor:** NIH/NICHD
- **Award:** 5 R01 HD043921-05 (07061444-1)
- **Total:** $341,092

### Sanders, John

**Co-Investigator**

**Diabetes and Periodontal Gene Expression**

- **PI:** Yan Huang
- **Dept:** Medicine
- **Sponsor:** NIH/NIDCR
- **Award:** 5 R01 DE016353-04 (08031288-1)
- **Total:** $200,445
### Graduate Studies

**Wright, Cynthia**

#### MUSC-Claflin Cooperative for Postdoctoral Academic Career Development
- **Sponsor:** NIH/NIGMS
- **Award:** 1 K12 GM081265-01 (06092125)
- **Budget Dates:** 08/01/07 - 07/31/08
- **Direct:** $355,363
- **Project Dates:** 08/01/07 - 06/30/10
- **F & A:** $24,806

#### MUSC Short-Term Research Education Program to Increase Diversity
- **Sponsor:** NIH/NHLBI
- **Award:** 1 R25 HL092611-01 (07070968)
- **Budget Dates:** 05/10/08 - 04/30/09
- **Direct:** $102,400
- **Project Dates:** 05/10/08 - 04/30/13
- **F & A:** $8,192

#### MUSC Minority Student Development Program
- **Sponsor:** NIH/NIGMS
- **Award:** 5 R25 GM072643-04 (07121773)
- **Budget Dates:** 03/01/08 - 02/28/09
- **Direct:** $302,403
- **Project Dates:** 03/01/05 - 02/28/09
- **F & A:** $11,588
College of Health Professions

Clinical Services

Askins, David
Co-Investigator
EMSC Targeted Issue Grants
Pl: Paul Jacques
Dept: Clinical Services
Sponsor: HRSA
Award: 5 H34 MC04369-03 (06110623-2)
Total: $ 13,246

Physician Assistant Training in Primary Care
Pl: Paul Jacques
Dept: Clinical Services
Sponsor: HRSA
Award: 1 D57 HP08309-01-00 (07020888-1)
Total: $ 181,024

Bushardt, Reamer
Principal Investigator
Purdue Pharma Healthcare Education Conference Grant
Sponsor: Purdue Pharma LP
Budget Dates: 04/08/08 - 04/30/09
Direct: $ 3,000
Award: ED100257 (08041545)
Project Dates: 04/08/08 - 04/30/09
F & A: 0

Co-Investigator
EMSC Targeted Issue Grants
Pl: Paul Jacques
Dept: Clinical Services
Sponsor: HRSA
Award: 5 H34 MC04369-03 (06110623-2)
Total: $ 13,246

Physician Assistant Training in Primary Care
Pl: Paul Jacques
Dept: Clinical Services
Sponsor: HRSA
Award: 1 D57 HP08309-01-00 (07020888-1)
Total: $ 181,024

Chipas, Anthony
Principal Investigator
Nurse Anesthetist Traineeships
Sponsor: HRSA
Budget Dates: 07/01/07 - 06/30/08
Direct: $ 17,253
Award: 2 A22 HP00023-08-00 (07012620)
Project Dates: 07/01/03 - 06/30/08
F & A: 0

Co-PI/Project Leader
Advanced Education Nursing Traineeship Program
Pl: Sally Stroud
Dept: Nursing
Sponsor: HRSA
Budget Dates: 09/01/07 - 08/31/08
Direct: $ 7,715
Award: 6 A10 HP08284-01-01 (07011880-2)
Project Dates: 07/01/07 - 08/31/08
F & A: 0

Hewett, Mary
Co-Investigator
Physician Assistant Training in Primary Care
Pl: Paul Jacques
Dept: Clinical Services
Sponsor: HRSA
Award: 1 D57 HP08309-01-00 (07020888-1)
Total: $ 181,024

Jacques, Paul
Principal Investigator
EMSC Targeted Issue Grants
Sponsor: HRSA
Budget Dates: 03/01/07 - 02/28/09
Direct: $ 13,246
Award: 5 H34 MC04369-03 (06110623)
Project Dates: 03/01/05 - 02/28/09
F & A: 3,974

Physician Assistant Training in Primary Care
Sponsor: HRSA
Budget Dates: 07/01/07 - 06/30/08
Direct: $ 181,024
Award: 1 D57 HP08309-01-00 (07020888)
Project Dates: 07/01/07 - 06/30/10
F & A: 14,482

Metz, Arnold
Co-Investigator
Physician Assistant Training in Primary Care
Pl: Paul Jacques
Dept: Clinical Services
Sponsor: HRSA
Award: 1 D57 HP08309-01-00 (07020888-1)
Total: $ 181,024

Health Administration and Policy

Bradford, W.
Principal Investigator
Effect of FDA Boxed Warnings and Public Information on Pharmaceutical Use
Sponsor: AHRQ
Budget Dates: 09/01/07 - 08/31/08
Direct: $ 202,348
Award: 2 R01 HS011326-03 (07022894)
Project Dates: 04/01/01 - 08/31/11
F & A: 83,198
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<td>PI: Gerard Silvestri</td>
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**Significant Contributor**
Assessing the Need and Feasibility for Using New Technologies to Increase Access to Subspecialty Consultative Services for Rural SC Communities

| PI: David Garr | Sponsor: Duke Endowment |
| Dept: SC AHEC | Award: 6047-SP (07120629-1) |
| Total: $ 211,223 |

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<tr>
<th>Dismuke, Clara</th>
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<tr>
<td>Household Composition, Care Giving Intensity and Labor Market Participation of Individuals with Spinal Cord Injury</td>
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<td>Sponsor: SC Spinal Cord Injury Fund</td>
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**Co-Investigator**
Patterns of Service Use and Costs Associated with Autism

| PI: Douglas Leslie | Sponsor: NIH/NIMH |
| Dept: Health Administration and Policy | Award: 5 R01 MH073884-04 (08030662-1) |
| Total: $ 109,238 |

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<td>PI: W. Bradford</td>
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**Significant Contributor**
Assessing the Need and Feasibility for Using New Technologies to Increase Access to Subspecialty Consultative Services for Rural SC Communities

| PI: David Garr | Sponsor: Duke Endowment |
| Dept: SC AHEC | Award: 6047-SP (07120629-1) |
| Total: $ 211,223 |

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<td>Public Health Finance: Advancing a Field of Study</td>
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<td>Sponsor: Univ. of Southern Mississippi</td>
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**Co-Investigator**
The Precursors and Impacts of Psychiatric Facility Closure

| PI: Richard Lindrooth | Sponsor: NIH/NIMH |
| Dept: Health Administration and Policy | Award: 5 R01 MH074151-02 (07100903-1) |
| Total: $ 170,128 |

The Precursors and Impacts of Psychiatric Facility Closure

| PI: Richard Lindrooth | Sponsor: NIH/NIMH |
| Dept: Health Administration and Policy | Award: 5 R01 MH074151-02 (07100903-2) |
| Total: $ 42,531 |

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<td>Pharmacoeconomic Modeling Estimates for the Kaletra Tablet Formulation</td>
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<tr>
<td>PI: Kit Simpson</td>
<td>Sponsor: Abbott Labs</td>
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<td>Pharmacoeconomic Modeling Estimates for the Kaletra Tablet Formulation</td>
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<th>Leslie, Douglas</th>
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<tr>
<td>Patterns of Service Use and Costs Associated with Autism</td>
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<td>Sponsor: NIH/NIMH</td>
<td>Budget Dates: 07/01/07 - 05/31/08</td>
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<td>Direct: $ 265,158</td>
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Women Veterans Cohort Study

| Sponsor: Department of Veterans Affairs | Budget Dates: 11/01/07 - 06/30/08 |
| Direct: $ 21,927 |
| Award: 534/151 (07111234) | Project Dates: 11/01/07 - 06/30/12 |
| F & A: 0 |
Patterns of Service Use and Costs Associated with Autism

Sponsor: NIH/NIMH
Award: 5 R01 MH073884-04 (08030662)
Budget Dates: 06/01/08 - 05/31/09
Direct: $109,238
F & A: $35,486

Leslie, Douglas
Co-Investigator

Economic Model of Kaletra as 2nd Line Regimen in Africa

Pl: Kit Simpson
Sponsor: Abbott Labs
Total: $44,000

Co-PI/Project Leader

Impact of Treatment Profitability on Hospital Responses to Financial Stress

Sponsor: Univ. of Pennsylvania
Budget Dates: 08/01/07 - 07/31/08
Direct: $18,910

Lindrooth, Richard
Principal Investigator

Linking Processes of Nursing Care and Patient Safety Outcomes: An Analysis of the Cause and Effect of Safe Practice Implementation

Budget Dates: 10/01/07 - 09/30/08
Direct: $131,158

The Precursors and Impacts of Psychiatric Facility Closure

Sponsor: NIH/NIMH
Budget Dates: 12/01/07 - 11/30/08
Direct: $212,659

Robinson, William
Principal Investigator

Metabolic Syndrome: Baseline CV Health Assessment among Students at South Carolina State University - Project EXPORT

Sponsor: SC State Univ.
Budget Dates: 09/01/05 - 06/30/07
Direct: $3,394

Simpson, Kit
Principal Investigator

Pharmacoeconomic Modeling Estimates for the Kaletra Tablet Formulation

Sponsor: Abbott Labs
Budget Dates: 03/18/08 - 03/19/09
Direct: $48,000

Economic Model of Kaletra as 2nd Line Regimen in Africa

Sponsor: Abbott Labs
Budget Dates: 05/15/08 - 10/31/08
Direct: $44,000

Co-Investigator

Computer-Aided Cancer Management - Nicotine Replacement-Bradford

Pl: Gerard Silvestri
Sponsor: DOD
Total: $54,474

Dept: Medicine
Award: W81XWH-05-1-0378 (04070126-22)

A Program to Increase Living Donations in African Americans

Pl: Prabhakar Baliga
Sponsor: NIH/NIDDK
Total: $142,500

Dept: Surgery
Award: 2 R01 DK062596-06 (06121846-1)

Physician Assistant Training in Primary Care

Pl: Paul Jacques
Sponsor: HRSA
Total: $181,024

Dept: Clinical Services
Award: 1 D57 HP08309-01-00 (07020888-1)

Statistical and Data Coordinating Center for ALIAS and IMS 111 Trials

Pl: Yuko Palesch
Sponsor: NIH/NINDS
Total: $923,121

Dept: Biostatistics, Bioinformatics and Epidemi
Award: 5 U01 NS054630-03 (07032606-1)

Statistical and Data Coordinating Center for ALIAS and IMS 111 Trials - Supplement

Pl: Yuko Palesch
Sponsor: NIH/NINDS
Total: $15,000

Dept: Biostatistics, Bioinformatics and Epidemi
Award: 3 U01 NS054630-03S1 (07032606-2)

Statistical and Data Coordinating Center for ALIAS and IMS III Trials

Pl: Yuko Palesch
Sponsor: NIH/NINDS
Total: $1,060,693

Dept: Biostatistics, Bioinformatics and Epidemi
Award: 5 U01 NS054630-04 (08032860-1)
**Rehabilitation Sciences**

**Coker, Patricia**

**Principal Investigator**

**Camp Hand To Hands**

- **Sponsor:** Coastal Community Fdn. of SC
- **Award:** (07092026)

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**Krause, James**

**Principal Investigator**

**Research Development Core**

- **Sponsor:** SC Spinal Cord Injury Fund
- **Award:** (02100202)

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**Center for Interdisciplinary Spinal Cord Injury Research**

- **Sponsor:** SC Spinal Cord Injury Fund
- **Award:** SCIRF 1105 (0604761)

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**Participation, Subjective Well Being, Health, and Spinal Cord Injury: A 3-Year Longitudinal Study**

- **Sponsor:** Dept. of Education
- **Award:** H133G060126-07 (07071184)

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**A Longitudinal Study for Hospitalization, Pressure Ulcers, and Subsequent Injuries after Spinal Cord Injuries**

- **Sponsor:** Dept. of Education
- **Award:** H133G050165-07 (07071185)

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**Risk of Adverse Outcomes after SCI: A Longitudinal Study**

- **Sponsor:** NIH/NINDS
- **Award:** 5 R01 NS048117-03 (07110298)

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<td>87,568</td>
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**Mitcham, Maralynne**

**Co-Investigator**

**Physician Assistant Training in Primary Care**

- **Sponsor:** HRSA
- **Dept:** Clinical Services
  - **Award:** 1 D57 HP08309-01-00 (07020888-1)

| Total | $ 181,024 |

**Saladin, Michael**

**Co-Investigator**

**Stimulus Control and Trajectories of Adolescent Smoking**

- **Sponsor:** NIH/NIDA
- **Dept:** Psychiatry and Behavioral Sciences
  - **Award:** 1 K23 DA020482-01A2 (06062397-1)

| Total | $ 149,366 |

**ORWH: SCOR on Sex and Gender Factors Affecting Women’s Health - Component 4**

- **Sponsor:** NIH/NIDA
- **Dept:** Psychiatry and Behavioral Sciences
  - **Award:** 2 P50 DA016511-06 (0609177-5)

| Total | $ 233,366 |

**Stress and Marijuana Cue-Elicited Craving and Reactivity**

- **Sponsor:** NIH/NIDA
- **Dept:** Psychiatry and Behavioral Sciences
  - **Award:** 1 R21 DA022424-01A1 (06100612-1)

| Total | $ 151,891 |

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

- **Sponsor:** NIH/NIDA
- **Dept:** Psychiatry and Behavioral Sciences
  - **Award:** 1 R01 DA021619-01A1 (06101334-1)

| Total | $ 209,956 |

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

- **Sponsor:** NIH/NIDA
- **Dept:** Psychiatry and Behavioral Sciences
  - **Award:** 1 R01 DA023188-01A1 (07022893-1)

| Total | $ 259,600 |

**Translational Research in Addiction Center - Project 4**

- **Sponsor:** NIH/NIDA
- **Dept:** Neurosciences
  - **Award:** 5 P20 DA022658-02 (07062915-6)

| Total | $ 125,948 |

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

- **Sponsor:** NIH/NIDA
- **Dept:** Psychiatry and Behavioral Sciences
  - **Award:** 5 R01 DA021619-02 (08040387-1)

| Total | $ 205,757 |

**Sothmann, Mark**

**Principal Investigator**

**Creating an Indiana-Ohio Center for Traumatic Amputation Rehabilitation Research**

- **Sponsor:** Indiana University
- **Award:** W81XWH-06-1-0410 (07100483)

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<td>Oral Health in People with Systemic Sclerosis</td>
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<td>F &amp; A: 5,555</td>
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### Anesthesia and Perioperative Medicine

**Haynes, Gary**  
Principal Investigator  
**A Randomized, Double-Blind, Double-Dummy, Dose-Ranging, Active and Placebo-Controlled Study of Single Dose Oral Rolapitant Monotherapy for the Prevention of Postoperative Nausea and Vomiting**  
Sponsor: Schering-Plough Research Institute  
Budget Dates: 09/17/07 - 09/17/08  
Award: P04937-017 (07082742)  
Direct: $90,950  
F & A: $21,988  
Prinicipal Investigator  
**Co-PI/Project Leader**  
**Randomized, Prospective, Clinical Trial Comparing Reamer Irrigator Aspirator (RIA) to Standard Reaming (SR) in Both Minimally Injured and Multiply Injured Patients with Closed Femoral Shaft Fractures Treated with Reamed Intramedullary Nailing (IMN)**  
P: Langdon Hartsock  
Dept: Orthopaedic Surgery  
Sponsor: Synthes (USA)  
Total: $12,500  
Award: RIA-Synthes (07012289-1)  
**Overdyk, Frank**  
Principal Investigator  
**Clinical Runtime Evaluation of the Smart Algorithm for Respiratory Analysis (SARA) on Patients During Deep Sedation**  
Sponsor: Oridion Capnography, Inc.  
Budget Dates: 10/29/07 - 04/30/08  
Award: SARA (07102676)  
Direct: $4,783  
F & A: $717  
**High Resolution Pulse Oximetry (HRPO): A Novel Screening Tool and Monitoring Modality for High Risk Patients in the Perioperative Period**  
Sponsor: Lyntek Medical  
Budget Dates: 02/15/08 - 08/15/08  
Award: HRPO (07121984)  
Direct: $40,500  
F & A: $9,500  
**A Prospective, Non-Randomized Multi-Center Study of Pulse Oximetry and Capnometry Post Operative Patients**  
Sponsor: Nellcor, Inc.  
Budget Dates: 01/11/08 - 07/10/09  
Award: Covidien (08012102)  
Direct: $41,500  
F & A: $9,750  
**Reves, Joseph**  
Principal Investigator  
**General Clinical Research Center**  
Sponsor: NIH/NCRR  
Budget Dates: 05/01/08 - 04/30/09  
Award: 2 M01 RR001070-30A1 (06100397)  
Direct: $1,722,871  
F & A: $240,578  
**Schaefer, Ill, John**  
Principal Investigator  
**Maternal-Fetal Crisis and Emergency Response Team Development and Training**  
Sponsor: Health Sciences SC  
Budget Dates: 07/01/07 - 08/31/09  
Award: (07111341)  
Direct: $119,644  
F & A: $0  
**Walton, J.**  
Co-Investigator  
**A Randomized, Double-Blind, Double-Dummy, Dose-Ranging, Active and Placebo-Controlled Study of Single Dose Oral Rolapitant Monotherapy for the Prevention of Postoperative Nausea and Vomiting**  
P: Gary Haynes  
Dept: Anesthesia and Perioperative Medicine  
Sponsor: Schering-Plough Research Institute  
Total: $90,950  
Award: P04937-017 (07082742-1)  
**Biochemistry and Molecular Biology**  
**Bastia, Deepak**  
Principal Investigator  
**Mechanism of Termination of DNA Replication**  
Sponsor: NIH/NIGMS  
Budget Dates: 07/01/07 - 08/31/09  
Award: 5 RO1 GM049264-16 (08011788)  
Direct: $236,392  
F & A: $108,740  
**Mechanism of Replication of Drug Resistance Factors**  
Sponsor: NIH/NIAID  
Budget Dates: 05/01/07 - 04/30/09  
Award: 5 RO1 AI019881-26 (08062483)  
Direct: $319,462  
F & A: $146,953
Bielawska, Alicja

**Co-PI/Project Leader**

**COBRE in Lipidomics and Pathobiology - Core B: Lipidomics**
- **PI:** Lina Obeid
- **Sponsor:** NIH/NCRR
- **Total:** $269,140

**Dept:** Biochemistry and Molecular Biology
- **Award:** 2 P20 RR017677-06 (07080171-6)

**Sphingolipids in Cancer Therapy and Angiogenesis - Core B**
- **PI:** Yusuf Hannun
- **Sponsor:** NIH/NCI
- **Total:** $151,243

**Dept:** Biochemistry and Molecular Biology
- **Award:** 5 P01 CA097132-05 (07081719-6)

**Co-Investigator**

**Sphingomyelin Turnover and Cellular Regulation**
- **PI:** Yusuf Hannun
- **Sponsor:** NIH/NIGMS
- **Total:** $248,000

**Dept:** Biochemistry and Molecular Biology
- **Award:** 5 R37 GM043825-19 (07111554-1)

Chao, Julie

**Principal Investigator**

**Kallistatin in Hypertension**
- **Sponsor:** NIH/NHLBI
- **Budget Dates:** 07/01/07 - 06/30/08
- **Direct:** $189,636

**Award:** 5 R01 HL044083-17 (07041376)
- **Project Dates:** 02/01/07 - 06/30/08
- **F & A:** $87,233

**Tissue Kallikrein, Oxidative Stress and Renal Fibrosis**
- **Sponsor:** NIH/NIDDK
- **Budget Dates:** 07/01/07 - 06/30/08
- **Direct:** $187,740

**Award:** 5 R01 DK066350-04 (07041377)
- **Project Dates:** 07/01/07 - 06/30/08
- **F & A:** $86,360

**Regulation and Function of Tissue Kallikrein**
- **Sponsor:** NIH/NHLBI
- **Budget Dates:** 07/01/08 - 05/31/13
- **Direct:** $250,000

**Award:** 2 R01 HL029397-25A2 (07110928)
- **Project Dates:** 07/01/07 - 05/31/13
- **F & A:** $118,437

Chao, Lee

**Co-Investigator**

**Kallistatin in Hypertension**
- **Sponsor:** NIH/NHLBI
- **Budget Dates:** 07/01/07 - 06/30/08
- **Direct:** $189,636

**Award:** 5 R01 HL044083-17 (07041376-1)

**Tissue Kallikrein, Oxidative Stress and Renal Fibrosis**
- **Sponsor:** NIH/NIDDK
- **Budget Dates:** 07/01/07 - 06/30/08
- **Direct:** $187,740

**Award:** 5 R01 DK066350-04 (07041377-1)

**Regulation and Function of Tissue Kallikrein**
- **Sponsor:** NIH/NHLBI
- **Budget Dates:** 07/01/08 - 05/31/13
- **Direct:** $250,000

**Award:** 2 R01 HL029397-25A2 (07110928-1)

Clarke, Christopher

**Principal Investigator**

**Investigation of the PKC-Mediated Regulation of Neutral Sphingomyelinase 2**
- **Sponsor:** Amer. Heart Assoc.
- **Budget Dates:** 07/01/07 - 06/30/08
- **Direct:** $35,000

**Award:** 0725376U (07010931)
- **Project Dates:** 07/01/07 - 06/30/09
- **F & A:** $0

Cowart, Lauren

**Principal Investigator**

**The Role of Sphingolipids in Free Fatty Acid-Induced Insulin Resistance**
- **Sponsor:** VAMC
- **Budget Dates:** 10/01/05 - 09/30/08
- **Direct:** $132,000

**Award:** (06062403)
- **Project Dates:** 10/01/07 - 09/30/09
- **F & A:** $0

**Cowart VA Research Services Contract**
- **Sponsor:** VAMC
- **Budget Dates:** 07/01/06 - 06/30/08
- **Direct:** $30,000

**Award:** (07112881)
- **Project Dates:** 07/01/06 - 06/30/08
- **F & A:** $0

**Co-PI/Project Leader**

**COBRE in Lipidomics and Pathobiology - Project 1**
- **PI:** Lina Obeid
- **Sponsor:** NIH/NCRR
- **Total:** $150,000

**Dept:** Biochemistry and Molecular Biology
- **Award:** 2 P20 RR017677-06 (07080171-9)

Davies, Christopher

**Principal Investigator**

**5th Annual SER-CAT Symposium - Charleston 2008**
- **Sponsor:** SC EPSCOR
- **Budget Dates:** 01/01/08 - 03/31/08
- **Direct:** $4,000

**Award:** Task Order #0038 (07112068)
- **Project Dates:** 01/01/08 - 03/31/08
- **F & A:** $0

**Molecular Targets in Peptidoglycan Synthesis**
- **Sponsor:** NIH/NIGMS
- **Budget Dates:** 03/01/08 - 02/28/09
- **Direct:** $218,952

**Award:** 5 R01 GM066861-06 (08010723)
- **Project Dates:** 02/01/03 - 02/28/11
- **F & A:** $73,232
Davies, Christopher

**Co-PI/Project Leader**

**COBRE in Lipidomics and Pathobiology - Core D: Protein Science**

PI: Lina Obeid  
Dept: Biochemistry and Molecular Biology  
Sponsor: NIH/NCRR  
Award: 2 P20 RR017677-06 (07080171-8)  
Total: $125,000

**Roles for Inositol Phosphoryl Ceramide Synthase 1 (IPC1) in Fungal-Host Interaction**

Sponsor: Burroughs Wellcome Fdn.  
Budget Dates: 07/01/06 - 06/30/09  
Direct: $50,000  
Award: 1 R01 AI071142-01A2 (07030213)  
Project Dates: 12/01/07 - 11/30/08

**Role of Phagocytosis in Pathogenesis of Cryptococccus Neoformans**

Sponsor: NIH/NIAID  
Budget Dates: 12/01/07 - 11/30/08  
Direct: $225,000  
Award: 5 R01 AI056168-05 (07112273)  
Project Dates: 02/01/04 - 01/31/09

**Glycan Engineering**

Sponsor: NIH/NCRR  
Budget Dates: 02/01/07 - 01/31/09  
Direct: $74,878  
Award: 1 S10 RR024563-01 (07032091)  
Project Dates: 02/01/08 - 01/31/09

Del Poeta, Maurizio

**Principal Investigator**

**Roles for Inositol Phosphoryl Ceramide Synthase 1 (IPC1) in Fungal-Host Interaction**

Sponsor: Burroughs Wellcome Fdn.  
Budget Dates: 07/01/06 - 06/30/09  
Direct: $50,000  
Award: 1 R01 AI071142-01A2 (07030213)  
Project Dates: 12/01/07 - 11/30/12

**GAANN in Lipid Biology and New Technologies**

Sponsor: Dept. of Education  
Budget Dates: 08/15/07 - 08/14/08  
Direct: $127,881  
Award: P200A070596-01 (06112059)  
Project Dates: 08/15/07 - 08/14/10

**Role of Phagocytosis in Pathogenesis of Cryptococccus Neoformans**

Sponsor: NIH/NIAID  
Budget Dates: 12/01/07 - 11/30/08  
Direct: $103,500  
Award: 5 R01 AI056168-05 (07112273)  
Project Dates: 02/01/01 - 01/31/09

Fernandes, Daniel

**Principal Investigator**

**Targeting bcl-2 mRNA in Chronic Lymphocytic Leukemia**

Sponsor: Leukemia and Lymphoma Society  
Budget Dates: 10/01/07 - 09/30/09  
Direct: $180,018  
Award: 6006-08 (05031079)  
Project Dates: 10/01/07 - 09/30/09

**Mechanism of Action of Xanafide and Symadex**

Sponsor: Xanthus Life Sciences  
Budget Dates: 10/01/07 - 09/30/08  
Direct: $41,012  
Award: (05092657)  
Project Dates: 10/01/07 - 09/30/08

**Amendment #3 to Pharmacodynamic Studies for Clinical Study Protocol AS1411-C-201**

Sponsor: Xanthus Life Sciences  
Budget Dates: 10/01/07 - 02/28/08  
Direct: $187,266  
Award: 5 R01 AI056168-05 (07112273)  
Project Dates: 02/01/01 - 01/31/09

**Drug-Induced Destabilization of Bcl-2 mRNA**

Sponsor: NIH/NCI  
Budget Dates: 10/01/07 - 02/28/08  
Direct: $187,266  
Award: 1 R01 CA109254-04 (08010309)  
Project Dates: 10/01/07 - 02/28/08

**4th Annual Hematological Malignancies Symposium**

Sponsor: Pharmion Corp.  
Budget Dates: 02/01/08 - 12/31/08  
Direct: $2,500  
Award: (08012938)  
Project Dates: 02/01/08 - 12/31/08

Gross, Paul

**Co-PI/Project Leader**

**NOAA Center of Excellence for Oceans and Human Health at the HML**

PI: Eric Lacy  
Dept: Cell Biology and Anatomy  
Sponsor: NOAA  
Award: MOA-2004-168(Amend. 3) (07082023)  
Total: $95,236

Hama, Hiroko

**Principal Investigator**

**Creation of a Fatty Acid 2-Hydroxylase-Knockout Mouse Model**

Sponsor: NIH/NINDS  
Budget Dates: 08/01/07 - 06/30/08  
Direct: $50,000  
Award: 1 R03 NS056075-01 (06102797)  
Project Dates: 08/01/07 - 06/30/09

**Lipid Hydroxylation in Glial Cell Signaling and Myelination**

Sponsor: NIH/NINDS  
Budget Dates: 04/01/08 - 03/31/09  
Direct: $196,875  
Award: 1 R01 NS060807-01A1 (07020156)  
Project Dates: 04/01/08 - 03/31/13

Hannun, Yusuf

**Principal Investigator**

**SCIEX 4000 QTRAP Mass Spectrometer**

Sponsor: NIH/NCRR  
Budget Dates: 02/15/08 - 02/14/09  
Direct: $385,401  
Award: 1 S10 RR024563-01 (07032091)  
Project Dates: 02/15/08 - 02/14/09

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

Sponsor: NIH/NHLBI  
Budget Dates: 07/01/07 - 06/30/08  
Direct: $237,045  
Award: 5 R01 HL043707-18 (07080277)  
Project Dates: 07/01/09 - 06/30/09

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<table>
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<tr>
<th>Research Faculty Activity</th>
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<tr>
<td><strong>Sphingolipids in Cancer Therapy and Angiogenesis</strong></td>
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<tr>
<td>Sponsor: NIH/NCI</td>
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<tr>
<td>Award: 5 P01 CA097132-05 (07081719)</td>
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<td>Project Dates: 08/01/03 - 07/31/08 F &amp; A: 337,648</td>
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<tr>
<td><strong>Sphingolipids in Cancer Therapy and Angiogenesis</strong></td>
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<td>Sponsor: NIH/NCI</td>
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<td>Award: 3 P01 CA097132-05S1 (07102354)</td>
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<tr>
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<td><strong>Modeling and Analysis of Roles of Yeast Sphingolipids</strong></td>
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<tr>
<td>Sponsor: NIH/NCI</td>
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<tr>
<td>Award: 5 R01 GM063265-07 (07111553)</td>
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<td>Project Dates: 04/01/01 - 01/31/10 F &amp; A: 75,735</td>
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<td><strong>Sphingomyelin Turnover and Cellular Regulation</strong></td>
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<td>Sponsor: NIH/NIGMS</td>
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<td>Award: 5 R37 GM043825-19 (07111554)</td>
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<td>Project Dates: 07/01/97 - 12/31/11 F &amp; A: 114,080</td>
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<td><strong>Ceramide Activated Protein Phosphatases</strong></td>
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<td>Award: 5 R01 CA087584-08 (08010205)</td>
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<td>Project Dates: 07/14/00 - 02/28/10 F &amp; A: 98,137</td>
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<td><strong>Assessment of Pathway Design Through Multi-Level Modeling and Experiment</strong></td>
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<td>Sponsor: Georgia Institute of Technology</td>
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<tr>
<td>Award: MCB-051713/5R7195-G2/ (08040921)</td>
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</table>

**Hannun, Yusuf**
Co-PI/Project Leader
COBRE in Lipidomics and Pathobiology - Core A-2: Faculty Development and Mentoring
PI: Lina Obeid
Sponsor: NIH/NCRR
Total: $ 123,016
Dept: Biochemistry and Molecular Biology
Award: 2 P20 RR017677-06 (07080171-3)

**Hennig, Mirko**
Principal Investigator
Structure of Oligomeric HIV Rev-RRE Complexes
Sponsor: Scripps Research Inst.
Award: 5 P01 GM066695-05 (07072546)
Budget Dates: 09/01/07 - 08/31/08 Direct: $ 162,470
Project Dates: 09/30/06 - 08/31/08 F & A: 74,736

Characterization of the SARS-CoV Frameshift Signal
Sponsor: Univ. of Maryland
Award: R01 AI064307-01A2/Z196101 (07102357)
Budget Dates: 07/01/07 - 06/30/08 Direct: $ 68,494
Project Dates: 07/01/06 - 06/30/11 F & A: 31,506

Charleston NMR - Summer Camp 2008
Sponsor: SC Research Authority
Award: Task Order #0041 (08031311)
Budget Dates: 04/15/08 - 05/31/08 Direct: $ 5,000
Project Dates: 04/15/08 - 05/31/08 F & A: 0

**Krupenko, Natalia**
Significant Contributor
General Clinical Research Center
PI: Joseph Reves
Sponsor: NIH/NCRR
Total: $ 1,762,556
Dept: Anesthesia and Perioperative Medicine
Award: 2 M01 RR001070-30A1 (06100397-1)

**Krupenko, Sergey**
Principal Investigator
Mechanism of Action of a Major Folate Enzyme
Sponsor: NIH/NIDDK
Award: 2 R01 CA095030-04 (07112677)
Budget Dates: 03/01/05 - 01/31/10 Direct: $ 168,539
Project Dates: 03/01/05 - 01/31/10 F & A: 77,529

FDH: A Novel Determinant of Tumor Suppression
Sponsor: NIH/NCI
Award: 5 R01 CA095030-04 (07112677)
Budget Dates: 02/01/08 - 01/31/09 Direct: $ 205,000
Project Dates: 02/01/08 - 01/31/09 F & A: 94,300

**Lemasters, John**
Principal Investigator
Liver Preservation for Transplantation
Sponsor: NIH/NIDDK
Award: 2 R01 DK037034-23 (07070552)
Budget Dates: 05/01/08 - 03/31/09 Direct: $ 430,670
Project Dates: 05/01/08 - 03/31/09 F & A: 179,343

Mechanisms of I/R Injury to Hepatocytes
Sponsor: NIH/NIDDK
Award: 5 R01 DK073336-02 (08040284)
Budget Dates: 03/01/08 - 02/28/09 Direct: $ 200,900
Project Dates: 03/01/08 - 02/28/11 F & A: 92,414
Luberto, Chiara
Co-PI/Project Leader

Morris, Pamela
Principal Investigator
Development of Hemopoetic Cell Lines from a Marine Invertebrate Sponsor: NSF Budget Dates: 07/01/07 - 06/30/09 Direct: $ 73,187 Award: MCB-0624271/Amend. No. 1 (07053067) Project Dates: 07/01/06 - 06/30/09 F & A: 19,029

Obeid, Lina
Principal Investigator
COBRE in Lipidomics and Pathobiology Sponsor: NIH/NCRR Budget Dates: 07/01/07 - 06/30/08 Direct: $ 1,500,000 Award: 2 P20 RR017677-06 (07080171) Project Dates: 09/26/02 - 06/30/12 F & A: 690,000

Ogretmen, Besim
Principal Investigator
Regulation of Telomerase by Ceramide in Lung Cancer Sponsor: NIH/NCI Budget Dates: 09/28/07 - 07/31/08 Direct: $ 141,940 Award: 2 R01 CA088932-06A1 (07022890) Project Dates: 12/01/00 - 07/31/12 F & A: 65,292

C18-Ceramide in Head and Neck Cancer Growth and Therapy Sponsor: NIH/NIDCR Budget Dates: 04/01/08 - 03/31/09 Direct: $ 181,924 Award: 5 R01 DE016572-04 (08021562) Project Dates: 04/01/05 - 03/31/10 F & A: 83,685

Snook, Christopher
Co-PI/Project Leader
COBRE in Lipidomics and Pathobiology - Project 5 Sponsor: NIH/NCRR Dept: Biochemistry and Molecular Biology Award: 2 P20 RR017677-06 (07080171-12) Total: $ 150,000

Spicer, Eleanor
Co-PI/Project Leader
Cancer Therapy-Induced Long-Term Bone Marrow Injury Sponsor: NIH/NCI Dept: Pathology and Laboratory Medicine Award: 5 R01 CA122023-02 (08041546-1) Total: $ 190,000

Warr, Gregory
Principal Investigator
Comparison of Gene Expression and Image Data in Marine Mammal Cells: Baseline Data for Assessing Marine Mammal Health Sponsor: Natl. Inst. of Standards and Technology Budget Dates: 03/01/08 - 02/28/09 Direct: $ 84,425 Award: 70NANB6H6212/ Amend. 2 (08063032) Project Dates: 09/01/06 - 02/28/10 F & A: 21,950
**Warr, Gregory**  
**Co-PI/Project Leader**  
NOAA Center of Excellence for Oceans and Human Health at the HML  
PI: Eric Lacy  
Sponsor: NOAA  
Total: $79,365  
Dept: Cell Biology and Anatomy  
Award: MOA-2004-168(Amend. 3) (07082023-4)  

**Biostatistics, Bioinformatics and Epidemiology**

**Alberg, Anthony**  
**Principal Investigator**  
DNA Repair, Skin Cancer, and Overall Cancer Risk  
Sponsor: NIH/NCI  
Budget Dates: 04/01/08 - 03/31/09  
Direct: $361,506  
Project Dates: 05/25/05 - 03/31/10  
F & A: $36,363  
Dept: Cell Biology and Anatomy  
Award: 5 R01 CA105069-04 (08022187)  

Co-Investigator  
A Novel Treatment to Boost Quit Attempts and Cessation among Unmotivated Smokers  
PI: Matthew Carpenter  
Sponsor: NIH/NIDA  
Total: $209,956  
Dept: Psychiatry and Behavioral Sciences  
Award: 1 R01 DA021619-01A1 (06101334-1)  

A Novel Treatment to Boost Quit Attempts and Cessation among Unmotivated Smokers  
PI: Matthew Carpenter  
Sponsor: NIH/NIDA  
Total: $205,757  
Dept: Psychiatry and Behavioral Sciences  
Award: 5 R01 DA021619-02 (08040387-1)  

**Bandyopadhyay, Dipankar**  
**Co-Investigator**  
South Carolina COBRE for Oral Health Research - Biostatistics Core  
PI: Keith Kirkwood  
Sponsor: NIH/NCRR  
Total: $283,266  
Dept: Stomatology  
Award: 2 P20 RR017696-06 (07073060-3)  

South Carolina COBRE for Oral Health Research - Biostatistics Core  
PI: Keith Kirkwood  
Sponsor: NIH/NCRR  
Total: $286,524  
Dept: Stomatology  
Award: 5 P20 RR017696-07 (08041439-3)  

**Carter, Rickey**  
**Co-Investigator**  
Stress and Marijuana Cue-Elicited Craving and Reactivity  
PI: Aimee McRae  
Sponsor: NIH/NIDA  
Total: $151,891  
Dept: Psychiatry and Behavioral Sciences  
Award: 1 R21 DA022424-01A1 (06100612-1)  

Vitamin D Insufficiency and Cardiovascular Risk in Type 2 Diabetes  
PI: Louis Luttrell  
Sponsor: Amer. Heart Assoc./Mid-Atlant  
Total: $60,000  
Dept: Medicine  
Award: 0755466U (07010511-1)  

Intravenous Insulin Protocol in Diabetes and Renal Transplantation  
PI: Kathie Hermayer  
Sponsor: Amer. Diabetes Assoc.  
Total: $173,865  
Dept: Medicine  
Award: T-07-CR-22 (07011042-1)  

D-Cycloserine Facilitation of Cocaine-Cue Extinction  
PI: Kathleen Brady  
Sponsor: NIH/NIDA  
Total: $259,600  
Dept: Psychiatry and Behavioral Sciences  
Award: 1 R01 DA023188-01A1 (07022893-1)  

CSA Prevention Training for Child Care Professionals: Stewards of Children  
PI: Alyssa Rheingold  
Sponsor: CDC  
Total: $196,247  
Dept: Psychiatry and Behavioral Sciences  
Award: 5 R49 CE000890-02 (07030843-1)  

South Carolina Consortium of the Clinical Trials Network  
PI: Kathleen Brady  
Sponsor: NIH/NIDA  
Total: $981,531  
Dept: Psychiatry and Behavioral Sciences  
Award: 5 U10 DA13727-08 (07062587-1)  

South Carolina Consortium of the Clinical Trials Network  
PI: Kathleen Brady  
Sponsor: NIH/NIDA  
Total: $91,478  
Dept: Psychiatry and Behavioral Sciences  
Award: 3 U10 DA013727-08S1 (07062587-2)  

**Significant Contributor**  
General Clinical Research Center  
PI: Joseph Reves  
Sponsor: NIH/NCRR  
Total: $1,762,556  
Dept: Anesthesia and Perioperative Medicine  
Award: 2 M01 RR001070-30A1 (06100397-1)  

**Other**  
Risk of Adverse Outcomes after SCI: A Longitudinal Study  
PI: James Krause  
Sponsor: NIH/NINDS  
Total: $288,193  
Dept: Rehabilitation Sciences  
Award: 5 R01 NS048117-03 (07110298-1)
DeSantis, Stacia

Co-Investigator
ORWH: SCOR on Sex and Gender Factors Affecting Women's Health - Admin Component
PI: Kathleen Brady Sponsor: NIH/NIDA Total: $110,550
Dept: Psychiatry and Behavioral Sciences Award: 2 P50 DA016511-06 (06091177-2)

Drug Abuse Research Training (DART) Program
PI: Kathleen Brady Sponsor: NIH/NIDA Total: $249,002
Dept: Psychiatry and Behavioral Sciences Award: 5 R25 DA020537-03 (08031307-1)

Durkalski, Valerie

Principal Investigator
SERT-GAD Data Management Services (PI Olga Brawman-Mintzer)
Sponsor: Augusta VA Medical Center Budget Dates: 10/01/07 - 09/30/08 Direct: $19,905
Award: V247P-2554 (07082951) Project Dates: 05/01/06 - 09/30/08 F & A: 0

Co-PI/Project Leader
Evaluating Predictor and Interventions in Sphincter of Oddi Dysfunction (EPISOD) - Data
PI: Peter Cotton Sponsor: NIH/NIDDK Dept: Medicine Award: 1 U01 DK074739-01A1 (06101955-2)

Neurological Emergencies Treatment Trials Network Statistical and Data Management
PI: Yuko Palesch Sponsor: NIH/NINDS Dept: Biostatistics, Bioinformatics and Epidemi Award: 5 U01 NS059041-02 (07052111-1)

Co-Investigator
Evaluating Predictor and Interventions in Sphincter of Oddi Dysfunction (EPISOD) - Clinical
PI: Peter Cotton Sponsor: NIH/NIDDK Dept: Medicine Award: 1 U01 DK074739-01A1 (06101955-1)

Ferguson, Gabrielle

Principal Investigator
Individual Predoctoral Dental Scientist Fellowship
Sponsor: NIH/NIDCR Budget Dates: 07/01/07 - 06/30/08 Direct: $36,422
Award: 5 F30 DE017046-03 (07042308) Project Dates: 07/01/05 - 05/31/09 F & A: 0

Ferguson, Pamela

Co-Investigator
SC Health Outcome Project on Epilepsy
PI: Anbesaw Selassie Sponsor: AAMC Total: $213,701
Dept: Biostatistics, Bioinformatics and Epidemi Award: U36/CCU319276 (07041783-1)

Other
Statewide Investigation of Traumatic Brain Injury in Prisons
PI: E. Pickelsimer Sponsor: CDC Total: $395,201
Dept: Biostatistics, Bioinformatics and Epidemi Award: 1 U49 CE001318-01 (07022887-1)

Ford, Marvella

Principal Investigator
Southeastern US Collaborative CEEED
Sponsor: Morehouse School of Medicine, Inc. Budget Dates: 01/01/08 - 09/29/08 Direct: $47,945
Award: 1-US8-DP-009384-01 (07050348) Project Dates: 01/01/08 - 09/30/13 F & A: 22,055

Improving Anti-thrombotic Use in Stroke Prevention
Sponsor: Univ. of Florida Budget Dates: 09/01/07 - 08/31/08 Direct: $17,123
Award: R01HL070794/UF05111 (07092643) Project Dates: 07/01/05 - 08/31/08 F & A: 7,877

IPA Agreement - Houston VA Medical Center
Sponsor: Michael E. DeBakey VAMC Budget Dates: 10/01/07 - 03/31/08 Direct: $5,034
Award: 534/151/08031292 Project Dates: 04/15/05 - 09/30/09 F & A: 0

Co-Investigator
Parkinson's Disease Clinical Trial: Statistical Center
PI: Barbara Tilley Sponsor: NIH/NINDS Total: $426,767
Dept: Biostatistics, Bioinformatics and Epidemi Award: 5 U01 NS043127-07 (07092128-1)

Garrett-Mayer, Elizabeth

Co-Investigator
Role of Ets Genes in Transformation and Differentiation - Core A
PI: Dennis Watson Sponsor: NIH/NCI Total: $50,437
Dept: Pathology and Laboratory Medicine Award: 5 P01 CA078582-09 (08022833-5)
Garrett-Mayer, Elizabeth

**PI:** Cindy Carter  
**Sponsor:** NIH/NCI  
**Total:** $ 50,000

**Dept:** Radiation Oncology  
**Award:** 5 R03 CA128482-02 (08033166-1)

**The Impact of Dragon Boat Racing On Cancer Survivorship**

**Co-Investigator**

**PI:** Scott Sullivan  
**Sponsor:** Amer. College of Ob and Gyn  
**Total:** $ 14,906

**Dept:** Obstetrics and Gynecology  
**Award:** (06100289-1)

**Maternal and Perinatal Outcomes Associated with Physician Distribution in States that are Red Alert? for Medical Liability Crisis**

**Co-Investigator**

**PI:** John Arthur  
**Sponsor:** NIH/NIDDK  
**Total:** $ 288,308

**Dept:** Medicine  
**Award:** 1 R01 DK080234-01 (07012626-1)

**Prognostic Markers in Postoperative Acute Kidney Injury**

** PI:** Scott Sullivan  
** Sponsor:** NIH/NIDCR  
** Total:** $ 127,861

**Dept:** Radiation Oncology  
** Award:** 5 K25 DE016863-03 (07062181)

**Statistical Methods for Head and Neck Cancer Proteomics**

** PI:** John Arthur  
** Sponsor:** NIH/NICD  
** Total:** $ 342,466

**Dept:** Medicine  
** Award:** DE-FC09-02CH11109 (08021971-1)

**Environmental Biosciences Program**

** PI:** Lawrence Mohr, Jr.  
** Sponsor:** DOE  
** Total:** $ 39,410

**Dept:** Medicine  
** Award:** 5 P01 AG023630-03 (07050456-4)

**Dual-Hit Hypothesis of Aging-Related DA Dysfunction - Core C**

** PI:** Ann-Charlotte Granholm  
** Sponsor:** NIH/NIA  
** Total:** $ 39,410

**Dept:** Neurosciences  
** Award:** 5 R03 CA128089-02 (08031305)

**A Placebo-Controlled Trial of Adjunctive Quetiapine for Refractory PTSD**

** PI:** Valerie Durkalski  
** Sponsor:** Augusta VA Medical Center  
** Total:** $ 19,905

**Dept:** Biostatistics, Bioinformatics and Epidemiology  
** Award:** V247P-2554 (07082951-1)

**An Analysis of the Financial Impact of Hypertension-Related Therapeutic Inertia on South Carolina Medicaid Expenditures**

** PI:** Brent Egan  
** Sponsor:** Abt Associates, Inc.  
** Total:** $ 62,839

**Dept:** Medicine  
** Award:** 21196,55 (08013055-1)

**Environmental Biosciences Program**

** PI:** Lawrence Mohr, Jr.  
** Sponsor:** DOE  
** Total:** $ 342,466

**Dept:** Medicine  
** Award:** DE-FC09-02CH11109 (08021971-1)
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<tr>
<th><strong>Lu, Xinghua</strong></th>
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<tbody>
<tr>
<td><strong>Automatic Literature-Based Protein Annotation</strong></td>
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<tr>
<td><strong>Sponsor:</strong> NIH/NLM</td>
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<tr>
<td><strong>Award:</strong> 1 R01 LM009153-01A1 (06062828)</td>
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<tr>
<td><strong>Training of Toolmakers for Bio-Medical Informatics (TTBMI)</strong></td>
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<tr>
<td><strong>Sponsor:</strong> NIH/NLM</td>
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<td><strong>Award:</strong> 3 T15 LM007438-05S1 (07053063)</td>
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<tr>
<th><strong>Co-PI/Project Leader</strong></th>
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<tr>
<td>COBRE in Lipidomics and Pathobiology - Project 3</td>
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<tr>
<td><strong>Pl:</strong> Lina Obeid</td>
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<tr>
<td><strong>Dept:</strong> Biochemistry and Molecular Biology</td>
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<tr>
<th><strong>Martin, Renee</strong></th>
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<tr>
<td><strong>The Significance of Intracranial Hemorrhage after Revascularization Therapy</strong></td>
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<tr>
<td><strong>Sponsor:</strong> DHHS</td>
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<tr>
<td><strong>Award:</strong> 004936/1K23NS059843-01 (06092656)</td>
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<tr>
<td><strong>Treatment of Subarachnoid Hemorrhage with Human Albumin</strong></td>
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<td><strong>Sponsor:</strong> Baylor Univ.</td>
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<tr>
<td><strong>Award:</strong> R01NS049135-02rev (07030845)</td>
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<td><strong>Intracranial Hemorrhage after Revascularization Therapy</strong></td>
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<td><strong>Sponsor:</strong> Univ. of Cincinnati</td>
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<tr>
<td><strong>Award:</strong> 004936/5K23NS059843-02 (07121247)</td>
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<td><strong>Treatment of Subarachnoid Hemorrhage with Human Albumin</strong></td>
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<td><strong>Sponsor:</strong> Baylor Univ.</td>
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<td><strong>Award:</strong> R01NS049135-03 (08052209)</td>
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<tr>
<th><strong>Co-Investigator</strong></th>
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<tr>
<td><strong>Statistical and Data Coordinating Center for ALIAS and IMS 111 Trials</strong></td>
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<tr>
<td><strong>Pl:</strong> Yuko Palesch</td>
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<tr>
<td><strong>Dept:</strong> Biostatistics, Bioinformatics and Epidemiology</td>
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<tr>
<td><strong>Statistical and Data Coordinating Center for ALIAS and IMS 111 Trials - Supplement</strong></td>
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<tr>
<td><strong>Pl:</strong> Yuko Palesch</td>
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<td><strong>Antihyperintensive Treatment in Acute Cerebral Hemorrhage</strong></td>
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<td><strong>Pl:</strong> Yuko Palesch</td>
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<td><strong>Dept:</strong> Biostatistics, Bioinformatics and Epidemiology</td>
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<td><strong>Other</strong></td>
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<tr>
<td>Neurological Emergencies Treatment Trials Network Statistical and Data Management</td>
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<td><strong>Pl:</strong> Yuko Palesch</td>
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<td><strong>Dept:</strong> Biostatistics, Bioinformatics and Epidemiology</td>
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<tr>
<th><strong>Mountford, William</strong></th>
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<tr>
<td><strong>The Effects of Ethnicity and Diabetes in Risk Factor, and Genetic Clustering among Cardiovascular Disease</strong></td>
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<td><strong>Sponsor:</strong> Amer. Heart Assoc./Mid-Atlantic</td>
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<td><strong>Award:</strong> 0715304U (07010818)</td>
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<th><strong>Nicholas, Joyce</strong></th>
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<tr>
<td><strong>SC Autism and Developmental Disabilities Monitoring Project</strong></td>
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<tr>
<td><strong>Pl:</strong> Jane Charles</td>
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<td><strong>Dept:</strong> Pediatrics</td>
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<td><strong>Fragile X Supplemental Application</strong></td>
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<td><strong>Pl:</strong> Jane Charles</td>
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<td><strong>Dept:</strong> Pediatrics</td>
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### Nietert, Paul

**Co-Investigator**

- **Primary Care Practice Based Research Networks (PBRNs): Modification 1**
  - **PI:** Steven Ornstein  
  - **Sponsor:** AHRQ  
  - **Total:** $5,822  
  - **Dept:** Family Medicine  
  - **Award:** HHSA290 2007 10015, TO#1 (06081788-2)

- **Oral Health in People with Systemic Sclerosis**
  - **PI:** Hon Yuen  
  - **Sponsor:** NIH/NIDCR  
  - **Total:** $125,000  
  - **Dept:** Rehabilitation Sciences  
  - **Award:** 1 R21 DE017360-01A2 (06102577-1)

- **Medication Safety in Primary Care Practice - Translating Research into Practice (MS-TRIP)**
  - **PI:** Steven Ornstein  
  - **Sponsor:** AHRQ  
  - **Total:** $248,016  
  - **Dept:** Family Medicine  
  - **Award:** 1 R18 HS017037-01 (07020783-1)

- **Effect of FDA Boxed Warnings and Public Information on Pharmaceutical Use**
  - **PI:** W. Bradford  
  - **Sponsor:** AHRQ  
  - **Total:** $202,348  
  - **Dept:** Health Administration and Policy  
  - **Award:** 2 R01 HS011326-03 (07022894-1)

- **Oral Health in People with Systemic Sclerosis**
  - **PI:** Hon Yuen  
  - **Sponsor:** NIH/NIDCR  
  - **Total:** $125,000  
  - **Dept:** Rehabilitation Sciences  
  - **Award:** 1 R21 DE017360-01A2 (06102577-1)

- **Implementation and Evaluation of Standing Orders Using Health Information Technology**
  - **PI:** Heather Liszka  
  - **Sponsor:** AHRQ  
  - **Total:** $307,233  
  - **Dept:** Family Medicine  
  - **Award:** HHSA290200710015/T.O. #2 (08043021-1)

- **Other**
  - **Faculty Development in Primary Care**
    - **PI:** Paul Darden  
    - **Sponsor:** HRSA  
    - **Total:** $186,656  
    - **Dept:** Pediatrics  
    - **Award:** 5 D55 HP05159-03-02 (07080275-1)

### Palesch, Yuko

**Principal Investigator**

- **Safety and Tolerability of Deferoxamine in Acute Cerebral Hemorrhage**
  - **Sponsor:** Beth Israel Deaconess Med. Ctr.  
  - **Budget Dates:** 02/01/08 - 12/31/08  
  - **Direct:** $83,477  
  - **Award:** R01NS057127 (07011258)

- **Biostatistics Training with Application to Neuroscience**
  - **Sponsor:** NIH/NINDS  
  - **Budget Dates:** 07/01/07 - 06/30/08  
  - **Direct:** $135,038  
  - **Award:** 5 T32 NS048007-03 (07012931)

- **Statistical and Data Coordinating Center for ALIAS and IMS 111 Trials**
  - **Sponsor:** NIH/NINDS  
  - **Budget Dates:** 06/01/08 - 05/31/09  
  - **Direct:** $396,121  
  - **Award:** 5 U01 NS054630-04 (08032262)

- **Antihypertensive Treatment in Acute Cerebral Hemorrhage**
  - **Sponsor:** Univ. of medicine & Dentistry of NJ  
  - **Budget Dates:** 06/01/06 - 08/31/07  
  - **Direct:** $35,430  
  - **Award:** 1 R01 NS0440976 (07042307)

- **Neurological Emergencies Treatment Trials Network Statistical and Data Management**
  - **Sponsor:** NIH/NINDS  
  - **Budget Dates:** 08/01/07 - 07/31/08  
  - **Direct:** $584,719  
  - **Award:** 5 U01 NS059041-02 (07052111)

- **PROFESSION Prevention Regimen for Effectively Avoiding Second Strokes: A Double-Blind, Active, and Placebo-Controlled Study of Aggrenox vs Clopidogrel, with and without Micardis (Final)**
  - **Sponsor:** Boehringer Ingelheim Pharmaceuticals  
  - **Budget Dates:** 09/01/07 - 12/31/08  
  - **Direct:** $206,960  
  - **Award:** Profess (07101221)

- **Statistical and Data Coordinating Center for ALIAS and IMS III Trials**
  - **Sponsor:** NIH/NINDS  
  - **Budget Dates:** 06/01/08 - 05/31/09  
  - **Direct:** $1,060,693  
  - **Award:** 5 U01 NS054630-04 (08032860)

**Co-PI/Project Leader**

- **Treatment of Subarachnoid Hemorrhage with Human Albumin**
  - **PI:** Renee Martin  
  - **Sponsor:** Baylor Univ.  
  - **Total:** $63,865  
  - **Dept:** Biostatistics, Bioinformatics and Epidemiology  
  - **Award:** R01NS049135-02rev (07030845-1)

- **Co-Investigator**

  - **Parkinson's Disease Clinical Trial: Statistical Center**
    - **PI:** Barbara Tilley  
    - **Sponsor:** NIH/NINDS  
    - **Total:** $426,767  
    - **Dept:** Biostatistics, Bioinformatics and Epidemiology  
    - **Award:** 5 U01 NS043127-07 (07092128-1)
Pickelsimer, E.

**Principal Investigator**

**Statewide Investigation of Traumatic Brain Injury in Prisons**

- **Sponsor:** CDC
- **Award:** 1 U49 CE001318-01 (07022887)

**Budget Dates:** 09/30/07 - 09/29/08
- **Direct:** $395,201
- **Project Dates:** 09/30/07 - 09/29/11
- **F & A:** $104,799

**Co-Investigator**

**SC Health Outcome Project on Epilepsy**

- **PI:** Anbesaw Selassie
- **Sponsor:** AAMC
- **Total:** $213,701

**Dept:** Biostatistics, Bioinformatics and Epidemi

- **Award:** U36/CCU319276 (07041783)

Selassie, Anbesaw

**Principal Investigator**

**SC Health Outcome Project on Epilepsy**

- **Sponsor:** AAMC
- **Award:** U36/CCU319276 (07041783)

**Budget Dates:** 07/18/07 - 07/19/08
- **Direct:** $213,701
- **Project Dates:** 07/18/07 - 07/19/08
- **F & A:** $55,562

**Bridge Funding Support for the SC Statewide Traumatic Spinal Cord Injury Surveillance and Registry System**

- **Sponsor:** SC Spinal Cord Injury Fund
- **Award:** 1004E (07062704)

**Budget Dates:** 07/01/07 - 06/30/08
- **Direct:** $77,500
- **Project Dates:** 07/01/07 - 07/31/08
- **F & A:** $0

**A Study of Comprehensive Services in South Carolina**

- **Sponsor:** Epilepsy Services and Research Inc.
- **Award:** (07081511)

**Budget Dates:** 08/01/07 - 06/30/08
- **Direct:** $20,169
- **Project Dates:** 08/01/07 - 07/31/08
- **F & A:** $0

**SC Traumatic Brain Injury (TBI) Surveillance Program**

- **Sponsor:** SC DHEC
- **Award:** CY-08-025/702839 (07121776)

**Budget Dates:** 10/24/07 - 07/31/09
- **Direct:** $19,841
- **Project Dates:** 11/01/05 - 07/31/09
- **F & A:** $5,159

Sinha, Debajyoti

**Principal Investigator**

**Statistical Methods for Cardiotoxicity Studies in AIDS**

- **Sponsor:** Brigham and Womens Hospital
- **Award:** 100892/Mod. #3 (06091176)

**Budget Dates:** 12/01/06 - 11/30/07
- **Direct:** $5,301
- **Project Dates:** 09/01/05 - 11/30/09
- **F & A:** $2,438

**Co-Investigator**

**Stimulus Control and Trajectories of Adolescent Smoking**

- **PI:** Matthew Carpenter
- **Dept:** Psychiatry and Behavioral Sciences
- **Funding:** 1 K23 DA020482-01A2 (06062397-1)

**Statewide Investigation of Traumatic Brain Injury in Prisons**

- **PI:** E. Pickelsimer
- **Dept:** Biostatistics, Bioinformatics and Epidemi
- **Funding:** 1 U49 CE001318-01 (07022887-1)

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

- **PI:** Janardan Pandey
- **Dept:** Microbiology and Immunology
- **Funding:** W81XWH-08-1-0373 (07052112-1)

Slate, Elizabeth

**Principal Investigator**

**Joint Modeling and Analysis of Longitudinal Markers and Recurrent Events**

- **Sponsor:** NSF
- **Award:** DMS-0604666 (05102815)

**Budget Dates:** 07/01/07 - 06/30/08
- **Direct:** $46,103
- **Project Dates:** 07/01/06 - 06/30/09
- **F & A:** $20,546

**Biostatistics Training for Basic Biomedical Research**

- **Sponsor:** NIH/NIGMS
- **Award:** 5 T32 GM074934-03 (06113093)

**Budget Dates:** 07/01/07 - 06/30/08
- **Direct:** $140,508
- **Project Dates:** 07/01/05 - 06/30/10
- **F & A:** $7,447

**Co-PI/Project Leader**

**South Carolina COBRE for Oral Health Research - Biostatistics Core**

- **PI:** Keith Kirkwood
- **Dept:** Stomatology
- **Funding:** 2 P20 RR017696-06 (07073060-3)

**South Carolina COBRE for Oral Health Research - Biostatistics Core**

- **PI:** Keith Kirkwood
- **Dept:** Stomatology
- **Funding:** 5 P20 RR017696-07 (08041439-3)

**Co-Investigator**

**Diabetes and Periodontal Gene Expression**

- **PI:** Yan Huang
- **Dept:** Medicine
- **Funding:** 5 R01 DE016353-04 (08031288-1)
Slate, Elizabeth

**Oral Health in People with Systemic Sclerosis**

*Principal Investigator: Hon Yuen*

**Sponsor:** NIH/NIDCR  
**Total:** $125,000

**Dept:** Rehabilitation Sciences  
**Award:** 1 R21 DE017360-01A2 (06102577-1)

**Other**

*PI: Barbara Tilley*

**Southeastern Predoctoral Training in Clinical Research (RMI)**

**Sponsor:** NIH/NCRR  
**Budget Dates:** 07/01/07 - 06/30/08  
**Direct:** $621,730

**Award:** 5 T32 RR023258-03 (07042730)  
**Project Dates:** 09/20/05 - 06/30/10  
**F & A:** $40,316

**Dept:** Rehabilitation Sciences  
**Award:** 5 R01 NS052417-03 (07070345)  
**Project Dates:** 06/01/05 - 11/30/08  
**F & A:** $27,951

**Oral Health in People with Systemic Sclerosis**

*PI: Barbara Tilley*

**Sponsor:** NIH/NIDCR  
**Total:** $426,767

**Dept:** Rehabilitation Sciences  
**Award:** 5 U01 NS043127-07 (07092128)  
**Project Dates:** 09/30/01 - 06/30/11  
**F & A:** $178,724

**Recurrent Stroke Prediction: Optimizing aPL-P Biomarkers**

*PI: Yuko Palesch*

**Sponsor:** NIH/NIDCR  
**Total:** $83,477

**Dept:** Rehabilitation Sciences  
**Award:** R01NS057127 (07011258-1)  
**Project Dates:** 06/01/07 - 11/30/08  
**F & A:** $15,000

**Establishing the Vitamin D Requirements During Lactation**

*PI: Bruce Hollis*

**Sponsor:** NIH/NCRR  
**Total:** $392,032

**Dept:** Rehabilitation Sciences  
**Award:** 5 R01 DA017460-05 (07050246-1)

**Statistical and Data Coordinating Center for ALIAS and IMS III Trials**

*PI: Yuko Palesch*

**Sponsor:** NIH/NIDCR  
**Total:** $1,060,693

**Dept:** Rehabilitation Sciences  
**Award:** 5 U01 NS045630-04 (08032860-1)

**Clinical Investigation of Drug Abuse Disorders**

*PI: Kathleen Brady*

**Sponsor:** NIH/NIDA  
**Total:** $139,941

**Dept:** Rehabilitation Sciences  
**Award:** 5 K24 DA000435-09 (07050454-1)

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

*PI: Yuko Palesch*

**Sponsor:** NIH/NIDCR  
**Total:** $584,719

**Dept:** Rehabilitation Sciences  
**Award:** 5 U01 NS059041-02 (07052111-1)

**Other**

*PI: Elizabeth Slate*

**Dept:** Rehabilitation Sciences  
**Award:** 1 R21 DE017360-01A2 (06102577-1)
### Principal Investigator

**Zapka, Jane**

**Active Living and Healthy Diet at the Workplace**
- **Sponsor:** Univ. of Massachusetts
- **Budget Dates:** 07/01/07 - 06/30/08
- **Direct:** $33,071

**NCH-IPA**
- **Sponsor:** NIH/NCI
- **Budget Dates:** 10/01/07 - 09/30/08
- **Direct:** $61,126

**Other**
- **Cryotherapy for Chronic Venous Disorders: A Pilot Study**
  - **Pl:** Teresa Kelechi
  - **Sponsor:** NIH/NINR
  - **Total:** $122,625

**Zhao, Wenle**

**Co-Investigator**

**Statistical and Data Coordinating Center for ALIAS and IMS 111 Trials**
- **Pl:** Yuko Palesch
- **Dept:** Biostatistics, Bioinformatics and Epidemiology
- **Award:** 5 U01 NS054630-03S1 (07032606-2)

**Statistical and Data Coordinating Center for ALIAS and IMS 111 Trials - Supplement**
- **Pl:** Yuko Palesch
- **Dept:** Biostatistics, Bioinformatics and Epidemiology
- **Award:** 5 U01 NS054630-03S1 (07032606-2)

**Statistical and Data Coordinating Center for ALIAS and IMS III Trials**
- **Pl:** Yuko Palesch
- **Dept:** Biostatistics, Bioinformatics and Epidemiology
- **Award:** 5 U01 NS054630-03 (07032606-1)

**Zheng, Wenjin**

**Principal Investigator**

**Multi-Scale Lung Cancer Modeling by an Object-Oriented Software Engineering Approach**
- **Sponsor:** PhRMA
- **Budget Dates:** 01/01/08 - 12/31/08
- **Direct:** $30,000

**Co-Investigator**

**General Clinical Research Center**
- **Pl:** Joseph Reves
- **Dept:** Anesthesia and Perioperative Medicine
- **Award:** 2 M01 RR001070-30A1 (06100397-1)

**South Carolina COBRE for Oral Health Research - Biostatistics Core**
- **Pl:** Keith Kirkwood
- **Dept:** Stomatology
- **Award:** 5 P20 RR017696-07 (08041439-3)

### Cell Biology and Anatomy

**Argraves, Kelley**

**Principal Investigator**

**Sphingosine-1-Phosphate Signaling in Vasculogenesis**
- **Sponsor:** NIH/NHLBI
- **Budget Dates:** 06/01/08 - 05/31/09
- **Direct:** $189,636

**Argraves, W.**

**Principal Investigator**

**NASA Space Grant REU in Bioastronautics**
- **Sponsor:** Coll. of Charleston
- **Budget Dates:** 05/01/06 - 04/30/09
- **Direct:** $45,000

**Fibulin-1 Regulation of the DiGeorge Syndrome Pathogenesis Pathway**
- **Sponsor:** Amer. Heart Assoc./Mid-Atlantic
- **Budget Dates:** 07/01/07 - 06/30/08
- **Direct:** $60,000
Mechanisms and Significance of Cubilin-Mediated HDL Uptake
Sponsor: NIH/NHLBI  
Award: 5 R01 HL061873-06 (07071714)  
Budget Dates: 09/01/07 - 08/31/08  
Director: $242,750

South Carolina IDeA Networks of Biomedical Research Excellence (SC INBRE)
Sponsor: Univ. of South Carolina  
Award: 08-1462Z/2P20RR16461 (07082127)  
Project Dates: 09/30/05 - 08/31/10  
F & A: $46,000

South Carolina IDeA Networks of Biomedical Research Excellence
Sponsor: Univ. of South Carolina  
Award: 08-1548 (08070348)  
Budget Dates: 05/01/07 - 04/30/08  
Direct: $100,000

South Carolina IDeA Networks of Biomedical Research Excellence
Sponsor: Univ. of South Carolina  
Award: 08-1462Z/2P20RR16461 (07082127)  
Project Dates: 09/30/05 - 08/31/10  
F & A: $46,000

Argraves, W.
Co-PI/Project Leader
SC Cobre for Developmentally Based Cardiovascular Diseases - Core C: Proteogenomics
PI: Roger Markwald  
Dept: Cell Biology and Anatomy  
Award: 5 P20 RR016434-07 (07051183-11)

Co-Investigator
HSC-Derived Fibroblasts in Normal and Diseased Valves
PI: Christopher Drake  
Dept: Cell Biology and Anatomy  
Award: 1 R01 HL080168-01A2 (06101851-1)

HSC-Derived Fibroblasts in Normal and Diseased Valves
PI: Christopher Drake  
Dept: Cell Biology and Anatomy  
Award: 5 R01 HL080168-02 (08031415-1)

Bacro, Thierry
Co-Investigator
South Carolina COBRE for Oral Health Research - Clinical and Lab Core
PI: Keith Kirkwood  
Dept: Stomatology  
Award: 2 P20 RR017696-06 (07073060-4)

South Carolina COBRE for Oral Health Research - Clinical and Lab Core
PI: Keith Kirkwood  
Dept: Stomatology  
Award: 5 P20 RR017696-07 (08041439-4)

Barth, Jeremy
Co-Investigator
NASA Space Grant REU in Bioastronautics
PI: W. Argraves  
Dept: Cell Biology and Anatomy  
Award: 520605-B/NNG05GI68G (06111343-1)

South Carolina IDeA Networks of Biomedical Research Excellence (SC INBRE)
PI: W. Argraves  
Dept: Cell Biology and Anatomy  
Award: 08-1462Z/2P20RR16461 (07082127-1)

South Carolina IDeA Networks of Biomedical Research Excellence
PI: W. Argraves  
Dept: Cell Biology and Anatomy  
Award: 08-1548 (08070348-1)

Boockfor, Fredric
Principal Investigator
Prolactin Gene Expression Dynamics and Mammtrope Function
Sponsor: NIH/NIDDK  
Award: 5 R01 DK073270-02 (08020697)  
Project Dates: 05/01/07 - 03/31/12  
F & A: $92,414

Drake, Christopher
Principal Investigator
HSC-Derived Fibroblasts in Normal and Diseased Valves
Sponsor: NIH/NHLBI  
Award: 1 R01 HL080168-01A2 (06101851)  
Project Dates: 08/15/07 - 05/30/08  
Direct: $250,000

HSC-Derived Fibroblasts in Normal and Diseased Valves
Sponsor: NIH/NHLBI  
Award: 5 R01 HL080168-02 (08031415)  
Project Dates: 08/15/07 - 05/31/12  
Direct: $250,000

Mechanisms and Significance of Cubilin-Mediated HDL Uptake
PI: W. Argraves  
Dept: Cell Biology and Anatomy  
Award: 5 R01 HL061873-06 (07071714-1)

Sphingosine-1-Phosphate Signaling in Vasculogenesis
PI: Kelley Argraves  
Dept: Cell Biology and Anatomy  
Award: 5 R01 HL080404-04 (08041441-1)
Drake, Christopher

**Mentor**

SC Cobre for Developmentally Based Cardiovascular Diseases - Core A2: Mentoring  
Pl: Roger Markwald  
Dept: Cell Biology and Anatomy  
Sponsor: NIH/NCRR  
Total: $76,099  
Award: 5 P20 RR016434-07 (07051183-8)

---

Eisenberg, Carol

**Co-Investigator**

Stem Cell/Regenerative Medicine Core Facility  
Pl: Roger Markwald  
Dept: Cell Biology and Anatomy  
Sponsor: Univ. of South Carolina  
Total: $187,792  
Award: 22050-Z130/2P20RR16461 (07071188-1)

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Eisenberg, Leonard

**Principal Investigator**

Non-Canonical WNT Signal Transduction and Cardiogenesis  
Sponsor: NIH/NHLBI  
Budget Dates: 04/01/08 - 06/30/08  
Direct: $193,959  
Award: 5 R01 HL073190-04 (08020706)  
Project Dates: 04/01/05 - 06/30/08  
F & A: $82,910

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Ghatak, Shibnath

**Co-Investigator**

Perturbation of Hyaluronan Function in Cancer  
Pl: Bryan Toole  
Dept: Cell Biology and Anatomy  
Sponsor: NIH/NCI  
Total: $172,000  
Award: 2 R01 CA082867-07A1 (06022791-1)

Inhibition of Tumor Progression by Hyaluronan Oligomers  
Pl: Bryan Toole  
Dept: Cell Biology and Anatomy  
Sponsor: NIH/NCI  
Total: $170,673  
Award: 5 R01 CA073839-10 (08041136-1)

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Gourdie, Robert

**Principal Investigator**

Function of CX43-Interacting Proteins in Neural Crest Migration  
Sponsor: NIH/NHLBI  
Budget Dates: 01/01/08 - 12/31/08  
Direct: $242,750  
Award: 5 R01 HL082802-03 (08020696)  
Project Dates: 01/01/06 - 12/31/09  
F & A: $111,665

Training to Improve Cardiovascular Therapies  
Pl: Donald Menick  
Dept: Medicine  
Sponsor: NIH/NHLBI  
Total: $472,910  
Award: 2 T32 HL007260-31 (06050921-1)

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Hammad, Samar

**Principal Investigator**

Sphingolipid Signaling Induced by LDL Immune Complexes  
Sponsor: NIH/NHLBI  
Budget Dates: 04/01/08 - 03/31/09  
Direct: $194,200  
Award: 5 R01 HL079274-03 (08021451)  
Project Dates: 04/01/06 - 03/31/11  
F & A: $89,332

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Kern, Christine

**Principal Investigator**

The Role of Matrix Metalloproteinase Cleavage of Versican in Cardiac Outflow Tract Remodeling  
Sponsor: Amer. Heart Assoc.  
Budget Dates: 07/01/07 - 06/30/08  
Direct: $50,000  
Award: 0765236U (07010388)  
Project Dates: 07/01/07 - 06/30/09  
F & A: $5,000

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Kern, Michael

**Co-PI/Project Leader**

SC Cobre for Developmentally Based Cardiovascular Diseases - Core D: Gene Function  
Pl: Roger Markwald  
Dept: Cell Biology and Anatomy  
Sponsor: NIH/NCRR  
Total: $180,918  
Award: 5 P20 RR016434-07 (07051183-12)

Roles of Hox Genes in Skin and Hair Follicle Development  
Pl: Alexander Awegulewitsch  
Dept: Medicine  
Sponsor: NIH/NIAMS  
Total: $221,130  
Award: 2 R01 AR047204-05A2 (06022795-1)

Creation of a Fatty Acid 2-Hydroxylase-Knockout Mouse Model  
Pl: Hiroko Hama  
Dept: Biochemistry and Molecular Biology  
Sponsor: NIH/NINDS  
Total: $50,000  
Award: 1 R03 NS056075-01 (06102797-1)
Lipid Hydroxylation in Glial Cell Signaling and Myelination
PI: Hiroko Hama
Sponsor: NIH/NINDS
Total: $ 196,875
Dept: Biochemistry and Molecular Biology
Award: 1 R01 NS060807-01A1 (07020156-1)

Krug, Edward
Principal Investigator
Expansion of the EPSCoR/INBRE Postdoctoral Teacher Training Program
Sponsor: SC Research Authority
Budget Dates: 05/01/07 - 04/30/08
Direct: $ 12,500

PACD Scholars: Dr. Nahab Matmati and Dr. Virginia Probin
Sponsor: SC EPSCOR
Budget Dates: 05/01/07 - 04/30/08
Direct: $ 105,306

Kubalak, Steven
Principal Investigator
Signaling Mechanisms Regulating Cardiac Remodeling
Sponsor: NIH/NHLBI
Budget Dates: 06/01/08 - 05/31/09
Direct: $ 218,475

Lacy, Eric
Principal Investigator
Taxonomic Center Subcontract for Rachael King
Sponsor: SC Dept. of Natural Resources
Budget Dates: 09/01/06 - 07/31/08
Direct: $ 62,480

NOAA Biotechnology Contract Amendment 3
Sponsor: NOAA
Budget Dates: 10/01/07 - 09/30/08
Direct: $ 345,254

MOA-Students-MUSC
Sponsor: SC Sea Grant Consortium
Budget Dates: 10/01/07 - 09/30/08
Direct: $ 131,200

COEE Marine Genomics
Sponsor: MUSC Fdn.
Budget Dates: 05/01/07 - 10/31/07
Direct: $ 28,926

Workshop Support SC Marine Genomics Consortium (SC MGC)
Sponsor: SC Sea Grant Consortium
Budget Dates: 03/06/08 - 05/31/08
Direct: $ 2,000

HML Consortium for Research Training in Oceans and Human Health
Sponsor: University Corp. for Atmospheric Research
Budget Dates: 05/25/08 - 12/31/10
Direct: $ 426,480

Markwald, Roger
Principal Investigator
The Role of Fluid Flow in Valvulogenesis
Sponsor: Univ. of South Carolina
Budget Dates: 08/01/07 - 07/31/08
Direct: $ 25,000

Lineage Mapping within the Mouse Outflow Tract
Sponsor: Univ. of Indiana
Budget Dates: 06/01/07 - 05/31/08
Direct: $ 24,275

SC Cobre for Developmentally Based Cardiovascular Diseases
Sponsor: NIH/NCCR
Budget Dates: 07/01/07 - 06/30/08
Direct: $ 1,485,364

Stem Cell/Regenerative Medicine Core Facility
Sponsor: Univ. of South Carolina
Budget Dates: 05/01/07 - 04/30/08
Direct: $ 187,792

Understanding and Employing Multi-Cellular Self Assembly
Sponsor: Univ. of Missouri, Columbia
Budget Dates: 09/01/07 - 08/31/08
Direct: $ 171,233
**Mitrval Valve Disease: From Genetic Mechanisms to Improved Repair**

**Sponsor:** Leducq Foundation  
**Award:** 07 CVD 04 (07111448)  
**Budget Dates:** 01/01/08 - 04/30/09  
**Direct:** $94,638

**Mucopolysaccharide Metabolism in Cardiac Anomalies**

**Sponsor:** NIH/NHLBI  
**Award:** 5 R01 HL033756-25 (08030454)  
**Budget Dates:** 04/01/08 - 03/30/09  
**Direct:** $250,000

**Markwald, Roger**

Co-Investigator  
**HSC-Derived Fibroblasts in Normal and Diseased Valves**  
**PI:** Christopher Drake  
**Sponsor:** NIH/NHLBI  
**Dept:** Cell Biology and Anatomy  
**Award:** 1 R01 HL080168-01A2 (06101851-1)  
**Budget Dates:** 01/01/08 - 12/31/12  
**F & A:** $115,000

**Mironov, Vladimir**

Co-Investigator  
**Mitrval Valve Disease: From Genetic Mechanisms to Improved Repair**  
**PI:** Roger Markwald  
**Sponsor:** Leducq Foundation  
**Dept:** Cell Biology and Anatomy  
**Award:** 07 CVD 04 (07111448-1)  
**Budget Dates:** 01/01/08 - 04/30/09  
**Direct:** $94,638

**Misra, Suniti**

Co-PI/Project Leader  
**SC Cobre for Developmentally Based Cardiovascular Diseases - Project 2**  
**PI:** Roger Markwald  
**Sponsor:** NIH/NCRR  
**Dept:** Cell Biology and Anatomy  
**Award:** 5 R01 CA073839-10 (08041136-1)  
**Budget Dates:** 04/01/08 - 03/31/09  
**Direct:** $130,500

**Mitchell, Jonathan**

Principal Investigator  
**Individual Predoctoral Dental Scientist Fellowship**  
**Sponsor:** NIH/NIDCR  
**Award:** 5 F30 DE016776-04 (08012950)  
**Budget Dates:** 04/01/08 - 03/31/09  
**Direct:** $18,397

**Mjaatvedt, Corey**

Principal Investigator  
**The Role of Cspg2/Versican in Cardiac Outlet Development**  
**Sponsor:** Amer. Heart Assoc.  
**Award:** 0755489U (06122058)  
**Budget Dates:** 07/01/07 - 06/30/08  
**Direct:** $60,000

**CSPG2 Gene and Cardiac Outlet Morphogenesis**

**Sponsor:** NIH/NHLBI  
**Award:** 2 R01 HL006231-06A2 (07022362)  
**Budget Dates:** 02/01/08 - 01/31/09  
**Direct:** $250,000

**Co-Investigator**  
**SC Cobre for Developmentally Based Cardiovascular Diseases - Core D: Gene Function**  
**PI:** Roger Markwald  
**Sponsor:** NIH/NCRR  
**Dept:** Cell Biology and Anatomy  
**Award:** 5 P20 RR016434-07 (07051183-3)  
**Budget Dates:** 12/01/00 - 01/31/13  
**Direct:** $115,000

**Morris, Pamela**

Principal Investigator  
**An Assessment of the Microbial Diversity Associated with Selected Caribbean Corals**  
**Sponsor:** NSF  
**Award:** DEB-0516347 (05011866)  
**Budget Dates:** 09/01/07 - 08/31/09  
**Direct:** $220,237

**Kimes NSF Grad Research Fellowship**

**Sponsor:** NSF  
**Award:** (07061965)  
**Budget Dates:** 08/20/07 - 08/19/08  
**Direct:** $40,500

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47
Morris, Pamela

**Co-PI/Project Leader**
NOAA Biotechnology Contract Amendment 3 - Morris
PI: Eric Lacy
Sponsor: NOAA
Award: MOA-2004-168(Amend. 3)/75 (07082023-2)

**NOAA Biotechnology Contract Amendment 3 - Morris**
PI: Eric Lacy
Sponsor: NOAA
Total: $ 77,637
Dept: Cell Biology and Anatomy

Muise-Helmericks, Robin

**Principal Investigator**
Role of Poly-N-acetyl Glucosamine (NAG) in Endothelial Cell Signal Transduction
Sponsor: Marine Polymer Technologies
Budget Dates: 08/01/05 - 07/31/09
Direct: $ 36,364
Award: (05071520)

A Novel VEGF Signaling Pathway Leading to Mitochondrial Biogenesis
Sponsor: NIH/NHLBI
Budget Dates: 01/01/08 - 12/31/08
Direct: $ 200,000
Award: 5 R01 HL084565-02 (07111657)

Norris, Russell

**Principal Investigator**
Cardiac Valve Differentiation, Maturation, and Function is Dependent on the Periostin Gene
Sponsor: Amer. Heart Assoc.
Budget Dates: 07/01/07 - 06/30/08
Direct: $ 60,000
Award: 0765280U (07010387)

Ramamurthi, Anand

**Co-Investigator**
Hyaluronan Scaffolds for Regenerating Elastin Matrices
PI: Richard Swaja
Sponsor: Clemson Univ.
Total: $ 30,134
Dept: Cell Biology and Anatomy
Award: 1101-7558-209-2005884 (08030557-1)

Reaves, Titus

**Principal Investigator**
Ernest Everett Just Symposium
Sponsor: SC Research Authority
Budget Dates: 02/01/08 - 07/31/08
Direct: $ 10,000
Award: Task Order #0039 (07121779)

Rhett, Joshua

**Principal Investigator**
Mode of Action of the Anti-Dysrhythmic Peptide ACT-1
Sponsor: SC Space Grant Consortium
Budget Dates: 06/01/08 - 05/31/09
Direct: $ 10,000
Award: (08042807)

Slomiany, Mark

**Co-Investigator**
Perturbation of Hyaluronan Function in Cancer
PI: Bryan Toole
Sponsor: NIH/NCI
Total: $ 172,000
Dept: Cell Biology and Anatomy
Award: 5 R01 CA082867-08 (08041135-1)

Sugi, Yukiko

**Principal Investigator**
Cell Autonomous Signaling by BMP Regulates Post-EMT Valvulogenesis
Sponsor: Amer. Heart Assoc./Mid-Atlantic
Budget Dates: 07/01/07 - 06/30/08
Direct: $ 60,000
Award: 0755525U (07010820)
Co-Investigator
SC Cobre for Developmentally Based Cardiovascular Diseases - Core D: Gene Function
PI: Roger Markwald
Sponsor: NIH/NCRR
Total: $ 180,918
Dept: Cell Biology and Anatomy
Award: 5 P20 RR016434-07 (07051183-12)

Swaja, Richard

**Principal Investigator**
Towards the Development of a Living Cochlear Implant
Sponsor: Clemson Univ.
Budget Dates: 09/15/07 - 08/31/08
Direct: $ 40,294
Award: 1196-7557-209-2006357 (06061364)

Clemson MUSC Orthopedic Research Training Program
Sponsor: Clemson Univ.
Budget Dates: 04/01/07 - 03/31/08
Direct: $ 25,000
Award: 1133-7558-246-2006025 (07071072)

The Effect of Xybrex on Sternal Healing in Rabbit Sternotomy Model
Sponsor: Clemson Univ.
Budget Dates: 07/30/07 - 01/01/08
Direct: $ 20,099
Award: 1161-7559-245-2006311 (07090464)
### Hylauronan Scaffolds for Regenerating Elastin Matrices

**Sponsor:** Clemson Univ.  
**Budget Dates:** 01/01/08 - 12/31/08  
**Direct:** $30,134

**SC Regenerative Medicine Alliance - COEE Endowment**

**Sponsor:** MUSC Fdn.  
**Budget Dates:** 05/18/08 - 06/30/09  
**Direct:** $82,444

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**Thompson, Robert**

**Role of Ets Genes in Transformation and Differentiation - Core C: Cellular Function Core**  
**PI:** Dennis Watson  
**Dept:** Pathology and Laboratory Medicine  
**Award:** 5 P01 CA078582-09 (08022833-7)

**Co-Investigator**

**SC Cobre for Developmentally Based Cardiovascular Diseases - Core B: Imaging**  
**PI:** Roger Markwald  
**Dept:** Cell Biology and Anatomy  
**Award:** 5 P20 RR016434-07 (07051183-10)

**Mentor**

**SC Cobre for Developmentally Based Cardiovascular Diseases - Core A2: Mentoring**  
**PI:** Roger Markwald  
**Dept:** Cell Biology and Anatomy  
**Award:** 5 P20 RR016434-07 (07051183-8)

---

**Toole, Bryan**

**Reduction of Chemoresistance by Perturbation of Hyaluronan-Ovarian Carcinoma Cell Interactions**

**Sponsor:** DOD  
**Budget Dates:** 11/15/07 - 11/14/08  
**Direct:** $197,913

**Perturbation of Hyaluronan Function in Cancer**

**Sponsor:** NIH/NCI  
**Budget Dates:** 06/01/08 - 05/31/09  
**Direct:** $172,000

**Genetech Control of Limb Development Project 1**

**Sponsor:** Univ. of Connecticut  
**Budget Dates:** 05/01/08 - 04/30/09  
**Direct:** $170,673

**Perturbation of Hyaluronan Function in Cancer**

**Sponsor:** NIH/NCI  
**Budget Dates:** 05/01/08 - 04/30/09  
**Direct:** $78,509

---

**Trusk, Thompson**

**Targeting Hyaluronan-CD44 Interaction in MPNSTs**  
**PI:** Bernard Maria  
**Dept:** Pediatrics  
**Award:** 2007C-05-006 (07102677-1)

**Biology of Spinal Cord Gliomas**  
**PI:** Bernard Maria  
**Dept:** Pediatrics  
**Award:** (07121780-1)

**Systemic HA Antagonism as Adjuvant Therapy for Malignant Glioma**  
**PI:** Bernard Maria  
**Dept:** Pediatrics  
**Award:** Halozyme (08021334-1)

**Mentor**

**SC Cobre for Developmentally Based Cardiovascular Diseases - Core A2: Mentoring**  
**PI:** Roger Markwald  
**Dept:** Cell Biology and Anatomy  
**Award:** 5 P20 RR016434-07 (07051183-8)

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Visconti, Richard

Co-PI/Project Leader

SC Cobre for Developmentally Based Cardiovascular Diseases - Project 3
PI: Roger Markwald  Sponsor: NIH/NCRR  Total: $120,000
Dept: Cell Biology and Anatomy  Award: 5 P20 RR016434-07 (07051183-4)

Co-Investigator

HSC-Derived Fibroblasts in Normal and Diseased Valves
PI: Christopher Drake  Sponsor: NIH/NHLBI  Total: $250,000
Dept: Cell Biology and Anatomy  Award: 1 R01 HL080168-01A2 (06101851-1)

HSC-Derived Fibroblasts in Normal and Diseased Valves
PI: Christopher Drake  Sponsor: NIH/NHLBI  Total: $250,000
Dept: Cell Biology and Anatomy  Award: 5 R01 HL080168-02 (08031415-1)

Wessels, Arno

Principal Investigator

Muscularization of Cushion-Derived Structures
Sponsor: Amer. Heart Assoc.  Budget Dates: 07/01/07 - 06/30/08  Direct: $60,000
Award: 0655530U (06011197)  Project Dates: 07/01/06 - 06/30/08  F & A: $6,000

The Role of Cartilage Link Protein 1 (Crtl 1) in Heart Development
Sponsor: NIH/NHLBI  Budget Dates: 01/01/07 - 12/31/08  Direct: $250,000
Award: 5 R01 HL084285-02 (08031201)  Project Dates: 01/01/07 - 12/31/10  F & A: $115,000

Wirrig, Elaine

Principal Investigator

The Role of Cartilage Link Protein 1 (Crt1) During Heart Development
Sponsor: Amer. Heart Assoc./Mid-Atlantic  Budget Dates: 07/01/07 - 06/30/08  Direct: $20,000
Award: 0715280U (07010821)  Project Dates: 07/01/07 - 06/30/09  F & A: $0

Cell and Molecular Pharmacology

Ball, Lauren

Co-PI/Project Leader

South Carolina COBRE for Oral Health Research - Project 3: Role of Hexosamine Biosynthetic Pathway and Posttranslational O-GlcNAc Glycosylation in Complications of Diabetes
PI: Keith Kirkwood  Sponsor: NIH/NCRR  Total: $111,320
Dept: Stomatology  Award: 2 P20 RR017696-06 (07073060-7)

South Carolina COBRE for Oral Health Research - Project 3: Role of Hexosamine Biosynthetic Pathway and Posttranslational O-GlcNAc Glycosylation in Complications of Diabetes
PI: Keith Kirkwood  Sponsor: NIH/NCRR  Total: $133,233
Dept: Stomatology  Award: 5 P20 RR016434-07 (07051183-10)

Blumer, Joe

Co-Investigator

AGS1 and Signal Processing by G-Protein - LSU Transfer Funds
PI: Stephen Lanier  Sponsor: NIH/NIGMS  Total: $1,371
Dept: Cell and Molecular Pharmacology  Award: 7 R01 GM074247-01A1 (07010615-3)

Accessory Proteins and G-Protein Signaling Mechanisms
PI: Stephen Lanier  Sponsor: NIH/NINDS  Total: $14,132
Dept: Cell and Molecular Pharmacology  Award: 7 R01 NS024821-18 (07030732-3)

Accessory Proteins and G-Protein Signaling Mechanisms
PI: Stephen Lanier  Sponsor: NIH/NIDA  Total: $225,000
Dept: Cell and Molecular Pharmacology  Award: 9 R01 DA025896-19 (07070661-1)

AGS1 and Signal Processing by G-Protein
PI: Stephen Lanier  Sponsor: NIH/NIGMS  Total: $239,845
Dept: Cell and Molecular Pharmacology  Award: 5 R01 GM074247-03 (07121778-1)
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Principal Investigator

**Lanier, Stephen**

**AGS1 and Signal Processing by G-Protein - LSU Transfer Funds**
Sponsor: NIH/NIGMS
Award: 7 R01 GM074247-01A1 (07010615)
Budget Dates: 02/01/08 - 01/31/09
Project Dates: 02/01/06 - 01/31/10
Direct: $1,371
F & A: 630

**Accessory Proteins and G-Protein Signaling Mechanisms**
Sponsor: NIH/NINDS
Award: 7 R01 NS024821-18 (07030732)
Budget Dates: 12/01/06 - 03/31/08
Project Dates: 07/01/87 - 03/31/08
Direct: $14,132
F & A: 6,500

**Accessory Proteins and G-Protein Signaling Mechanisms**
Sponsor: NIH/NIDA
Award: 9 R01 DA025896-19 (07070661)
Budget Dates: 04/01/08 - 01/31/09
Project Dates: 07/01/87 - 01/31/13
Direct: $225,000
F & A: 102,838

**AGS1 and Signal Processing by G-Protein**
Sponsor: NIH/NIGMS
Award: 5 R01 GM074247-03 (07121778)
Budget Dates: 02/01/06 - 01/31/10
Project Dates: 02/01/06 - 01/31/10
Direct: $239,845
F & A: 58,070

**Mack, Jody**

**Defining the Cellular and Physiological Role of ABCA2**
Sponsor: NIH/NCI
Award: 5 F32 CA117749-02 (07052222)
Budget Dates: 08/01/07 - 07/31/08
Project Dates: 08/01/07 - 07/31/08
Direct: $27,315
F & A: 0

**Neumann, Carola**

**Role of Prdx 1 in Natural Killer Cells and Tumorigenesis**
Sponsor: NIH/NIEHS
Award: 5 K22 ES012985-03 (07061858)
Budget Dates: 09/02/05 - 07/31/08
Project Dates: 09/02/05 - 07/31/08
Direct: $97,650
F & A: 7,812

**Co-PI/Project Leader**

**Regulation of Senescence by p38 MAP Kinase in ErbB-2-Induced Breast Cancer**
Pl: Scott Eblen
Sponsor: DOD/US Army
Total: $250,000
Dept: Cell and Molecular Pharmacology
Award: W81XWH-07-1-0691 (07021321-1)

**Oatis, Jr., John**

**Synthetic Retinal Pigments and Binding Proteins**
Pl: Rosalie Crouch
Sponsor: NIH/NEI
Total: $237,895
Dept: Ophthalmology
Award: 5 R01 EY004939-25 (08021347-1)

**Schey, Kevin**

**Nuclear Cataract: Role of UV Filters and the Lens Barrier**
Sponsor: University of Sydney, Australia
Award: R01 EY013570-04A1 (07012291)
Budget Dates: 09/30/06 - 08/31/07
Project Dates: 09/30/06 - 08/31/07
Direct: $13,699
F & A: 6,301

**The Role of Aquaporin-0 in Lens Development and Aging**
Sponsor: NIH/NEI
Award: 5 R01 EY013462-06 (07061857)
Budget Dates: 08/01/07 - 07/31/08
Project Dates: 05/01/01 - 07/31/11
Direct: $89,332
F & A: 89,332

**Nuclear Cataract: Role of UV Filters and the Lens Barrier**
Sponsor: University of Sydney, Australia
Award: 5 R01 EY013570-05 (08011572)
Budget Dates: 09/30/06 - 08/31/08
Project Dates: 09/30/06 - 08/31/08
Direct: $13,699
F & A: 6,301

**Tew, Kenneth**

**Preclinical Development of a Glutathione Based Cancer Drug**
Sponsor: Novelos Therapeutics, Inc.
Award: 1 R43 CA117259-01A2 (06041253)
Budget Dates: 09/22/07 - 08/31/08
Project Dates: 09/22/07 - 08/31/08
Direct: $53,273
F & A: 24,506

**Training in Cancer Therapeutics**
Sponsor: NIH/NCI
Award: 5 T32 CA119945-02 (07043036)
Budget Dates: 07/01/07 - 06/30/08
Project Dates: 07/01/07 - 06/30/11
Direct: $151,908
F & A: 11,964

**Pharmacology of NOV-002**
Sponsor: Novelos Therapeutics, Inc.
Award: (07080380)
Budget Dates: 08/01/07 - 07/31/08
Project Dates: 08/01/07 - 07/31/08
Direct: $164,000
F & A: 41,000

**Translational Cancer Therapeutics - COEE**
Sponsor: MUSC Fdn.
Award: (08012104)
Budget Dates: 01/01/06 - 06/30/12
Project Dates: 01/01/06 - 06/30/12
Direct: $266,855
F & A: 0
### Glutathione S-Transferases in Drug and Stress Response
**Sponsor:** NIH/NCI  
**Award:** 5 R01 CA085660-10 (08022181)

### Efficacy Study of the Cancer Chemopreventive Potential of Zyflamend for Colon Cancer
**Sponsor:** New Chapter, Inc.  
**Award:** (07071189)

### Cancer Prevention by West African Medicinal Plants
**Sponsor:** NIH/NCI  
**Award:** 7 R21 CA107138-03 (08031720)

### Towards the Development of a Living Cochlear Implant
**Co-PI/Project Leader:** Richard Swaja  
**Dept:** Cell Biology and Anatomy  
**Sponsor:** Clemson Univ.  
**Award:** 1196-7557-209-2006357 (06061364-1)

### Expression and Function of Hemoglobin in Alveolar Epithelial Cells
**Co-Investigator:** John Baatz  
**Dept:** Pediatrics  
**Sponsor:** NIH/NHLBI  
**Award:** 1 R01 HL085738-01A2 (07030109-1)

### Dual-Hit Hypothesis of Aging-Related DA Dysfunction - Core B
**Co-Investigator:** Ann-Charlotte Granholm  
**Dept:** Neurosciences  
**Sponsor:** NIH/NIA  
**Award:** 5 P01 AG023630-03 (07050456-3)

### Combined Pharmac/oBehavior Therapy in Adolescent Smokers
**Co-Investigator:** Himanshu Upadhyaya  
**Dept:** Psychiatry and Behavioral Sciences  
**Sponsor:** NIH/NIDA  
**Award:** 5 R01 DA017460-05 (07050246-1)

### Faculty Development in Prime Care
**Co-Investigator:** Arch Mainous  
**Dept:** Family Medicine  
**Sponsor:** HRSA  
**Award:** 5 D55 HP05150-03-00 (07070658-1)

### Faculty Development in Primary Care
**Co-Investigator:** Paul Darden  
**Dept:** Pediatrics  
**Sponsor:** HRSA  
**Award:** 5 D55 HP05159-03-02 (07080275-1)

### Significant Contributor
**Significant Contributor:** David Garr  
**Dept:** SC AHEC  
**Sponsor:** Duke Endowment  
**Award:** 6109-SP (08061854-1)

### Other
**Sponsor:** Barbara Tilley  
**Dept:** Biostatistics, Bioinformatics and Epidemiology  
**Award:** 5 T32 RR023258-03 (07042730-3)
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**Co-Investigator**  
Residency Training in Primary Care  
PI: Peter Carek  
Dept: Family Medicine  
Sponsor: HRSA  
Award: 2 D58 HP03371-04-00 (07020782-1)  
Total: $ 175,534  

**Medicine**  

Afrin, Lawrence  
**Principal Investigator**  
Anemia Training Grant/Fellowship  
Sponsor: Amgen  
Award: (03010706)  
Budget Dates: 07/01/03 - 06/30/09  
Direct: $ 40,000  
F & A: 0  

Arthur, John  
**Principal Investigator**  
Prognostic Markers in Postoperative Acute Kidney Injury  
Sponsor: NIH/NIDDK  
Award: 1 R01 DK080234-01 (07012626)  
Budget Dates: 06/01/08 - 05/31/12  
Direct: $ 288,308  
F & A: 108,472  

Prognostic Biomarkers in Diabetes  
Sponsor: VAMC  
Award: (08042162)  
Budget Dates: 04/01/08 - 03/31/12  
Direct: $ 183,800  
F & A: 0  

Mentor  
Training Grant in Glomerular Function and Disease - Supplement  
PI: John Raymond  
Dept: Medicine  
Sponsor: NIH/NIDDK  
Award: 3 T32 DK007752-10S1 (07031366-1)  
Total: $ 53,779  

Assey, Valerie  
**Co-Investigator**  
Ryan White Title II Funds  
PI: J. Cantey  
Dept: Medicine  
Sponsor: SC DHEC  
Award: PO#627457 (07022145-3)  
Total: $ 151,612  

Ryan White Title II Funding  
PI: J. Cantey  
Dept: Medicine  
Sponsor: SC DHEC  
Award: 627457 (08031072-1)  
Total: $ 1,559,803  

Awgulewitsch, Alexander  
**Principal Investigator**  
Roles of Hox Genes in Skin and Hair Follicle Development  
Sponsor: NIH/NIAMS  
Award: 2 R01 AR047204-05A2 (06022795)  
Budget Dates: 09/01/07 - 08/31/08  
Direct: $ 221,130  
F & A: 80,730  

Co-PI/Project Leader  
Role of Ets Genes in Transformation and Differentiation - Core B: In Vivo Experimentation Core (IVEC)  
PI: Dennis Watson  
Dept: Pathology and Laboratory Medicine  
Sponsor: NIH/NCI  
Award: 5 P01 CA078582-09 (08022833-6)  
Total: $ 116,474  

Co-Investigator  
SC Cobre for Developmentally Based Cardiovascular Diseases - Core D: Gene Function  
PI: Roger Markwald  
Dept: Cell Biology and Anatomy  
Sponsor: NIH/NCRR  
Award: 5 P20 RR016434-07 (07051183-12)  
Total: $ 180,918  

Baicu, Catalin  
**Co-Investigator**  
Load Induced Cardiac Hypertrophy in the Adult Mammal - Core C  
PI: George Cooper, IV  
Dept: Medicine  
Sponsor: NIH/NHLBI  
Award: 5 P01 HL048788-15 (07061438-4)  
Total: $ 143,756  

Load Induced Cardiac Hypertrophy in the Adult Mammal - Project 6  
PI: George Cooper, IV  
Dept: Medicine  
Sponsor: NIH/NHLBI  
Award: 5 P01 HL048788-15 (07061438-12)  
Total: $ 172,138  

Baldys, Aleksander  
**Principal Investigator**  
Role of c-Cbl in Trafficking and Signaling of EGF Receptors Induced by Various Growth Factors  
Sponsor: Amer. Heart Assoc./Mid-Atlantic  
Award: 0725358U (07010402)  
Budget Dates: 07/01/07 - 06/30/08  
Direct: $ 35,000  
F & A: 0
| Ball, Lauren | Co-Investigator |
| Factors That Modify Insulin Action | Sponsor: NIH/NIDDK | Total: $134,953 |
| PI: Maria Buse | Dept: Medicine |
| Award: 2 R56 DK002001-48 (07062695-1) |

| Bell, Phillip | Principal Investigator |
| UAB Recessive PKD Research and Translational Core Center | Sponsor: Univ. of Alabama, Birmingham |
| Budget Dates: 09/01/07 - 08/31/08 | Direct: $100,080 |
| Award: 5 P30 DK074036-03 (07071305) | F & A: 23,018 |
| **Cellular Mechanisms for Tubuloglomerular Feedback** | Sponsor: NIH/NIDDK |
| Budget Dates: 03/01/08 - 02/28/09 | Direct: $195,074 |
| Award: 5 R01 DK032032-23 (08011469) | F & A: 89,734 |
| **Cellular Mechanisms for Cilia Dependent Cystic Disease** | Sponsor: VAMC |
| Budget Dates: 04/01/08 - 03/31/09 | Direct: $175,000 |
| Award: (08042167) | F & A: 0 |

| Bogatkevich, Galina | Principal Investigator |
| CTGF-Interacting Proteins in Scleroderma Lung Fibrosis | Sponsor: NIH/NIAMS |
| Budget Dates: 05/01/08 - 04/30/09 | Direct: $113,351 |
| Award: 5 K01 AR051052-04 (08031414) | F & A: 9,068 |

| Bolster, Marcy | Principal Investigator |
| ACRREF Medical Student Clinical Preceptorship-Brandi Eastman | Sponsor: ACR Research and Education Fdn. |
| Budget Dates: 07/09/07 - 08/03/07 | Direct: $500 |
| Award: (07032925) | F & A: 0 |
| **PHAROS Study** | Sponsor: Georgetown University |
| Budget Dates: 03/01/08 - 06/30/08 | Direct: $6,944 |
| Award: RX 4331-639-MUSC (07072651) | F & A: 556 |

| Borg, Keith | Principal Investigator |
| A Pilot Study Examining the Efficacy of Keppra (levetiracetam) in Acute Alcohol Related Seizure Control in the Emergency Department Setting | Sponsor: UCB, Inc. |
| Budget Dates: 01/07/08 - 01/06/09 | Direct: $54,888 |
| Award: Keppra (07112064) | F & A: 13,722 |

| Boylan, Alice | Co-PI/Project Leader |
| Computer-Aided Cancer Management - Supplement Pulmonary-Boylan | Sponsor: DOD |
| Total: $68,036 |
| PI: Gerard Silvestri | Dept: Medicine |
| Award: W81XWH-05-1-0378 (04070126-18) |

| Bradshaw, Amy | Principal Investigator |
| Matricellular Proteins as Regulators of Tumor Progression | Sponsor: UT Southwestern Med. Ctr. |
| Budget Dates: 09/12/07 - 07/31/08 | Direct: $23,973 |
| Award: GMO-801031 (06102363) | F & A: 11,027 |

| Brooks, Deborah | Other |
| A Randomized, Placebo-Controlled, Double-Blind Comparative Study Evaluating the Effect of Ramipril on Urinary Protein Excretion in Maintenance Renal Transplant Patients Converted to Sirolimus | Sponsor: Wyeth, Inc. |
| Total: $118,192 |
| PI: Maria Egidi | Dept: Medicine |
| Award: 0468E5-4439-WW (08043019-1) |

| Brown, Alan | Principal Investigator |
| 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 - 06/30/10 | Direct: $107,768 |
| Award: U3924g (07042205) | F & A: 26,317 |

| Budisavljevic, Milos | Principal Investigator |
| Budget Dates: 01/01/07 - 12/31/09 | Direct: $29,250 |
| Award: C-2340B (04111685) | F & A: 0 |
Outcome Trial Evaluating the Efficacy and Safety of Norditropin in Adult Patients on Chronic Haemodialysis: A Randomized, Double-Blind, Parallel-Group, Placebo-Controlled, Multi-Center Trial

Sponsor: Dialysis Clinics, Inc.
Award: NN1630-1453 (08041652)
Budget Dates: 06/03/08 - 06/02/10

Principal Investigator
Bujor, Andreea
mTOR and the Regulation of Collagen Synthesis
Sponsor: Arthritis Fdn.
Award: (07042626)
Budget Dates: 06/03/08 - 06/02/10

Principal Investigator
Buse, Maria
Factors That Modify Insulin Action
Sponsor: NIH/NIDDK
Award: 2 R56 DK002001-48 (07062695)
Budget Dates: 06/03/08 - 06/02/10

Principal Investigator
Cantey, J.
Ryan White Title II Funds
Sponsor: SC DHEC
Award: PO#627457 (07022145)
Budget Dates: 06/03/08 - 06/02/10

Principal Investigator
Chen, Guoqing
Treatment Costs for Veterans with Chronic Kidney Disease
Sponsor: VAMC
Award: (08042161)
Budget Dates: 06/03/08 - 06/02/10

Principal Investigator
Church, L. W.
A Phase IV, Multi-Center, Cross-Sectional Study to Evaluate the I50L Substitution among Subjects Experiencing Virologic Failure on a HAART Regimen Containing Atazanavir (ATV)
Sponsor: PPD Development
Award: AI424128 (05031181)
Budget Dates: 06/03/08 - 06/02/10

Principal Investigator
Comerford, Lawrence
A Phase 2/3 Multi-Center, Randomized, Placebo-Controlled, Double-Blind Study to Evaluate the Safety and Efficacy of Golimumab Induction Therapy Administered Intravenously in Subjects with Moderately to Severely Active Ulcerative Colitis
Sponsor: Quintiles Pacific, Inc.
Award: C0524T16 (08021557)
Budget Dates: 06/03/08 - 06/02/10

Principal Investigator
Ryan White Title II Funds
Pl: J. Cantey
Dept: Medicine
Sponsor: SC DHEC
Award: PO#627457 (07022145-3)
Budget Dates: 06/03/08 - 06/02/10
### A 5-Year, Registry Study of Humira (Adalimumab) in Patients with Moderately to Severely Active Crohn’s Disease (CD)

**Sponsor:** Abbott Labs  
**Budget Dates:** 03/11/08 - 03/10/15  
**Direct:** $37,000  
**F & A:** $8,500  
**Award:** P06-134 (08021560)  
**Project Dates:** 03/11/08 - 03/10/15

### Growth Regulation of Adult Cardiac Muscle Cells

**Sponsor:** VAMC  
**Budget Dates:** 10/01/07 - 09/30/08  
**Direct:** $125,000

### Load Induced Cardiac Hypertrophy in the Adult Mammal

**Sponsor:** NIH/NHLBI  
**Budget Dates:** 08/01/07 - 07/31/08  
**Direct:** $1,494,540

### Evaluating Predictor and Interventions in Sphincter of Oddi Dysfunction (EPISOD) - Clinical

**Sponsor:** NIH/NIDDK  
**Budget Dates:** 09/15/07 - 06/30/08  
**Direct:** $902,221

### Endoscopic Implantation of Enteryx for the Treatment of Symptomatic Gastroesophageal Reflux Disease (GERD)

**Sponsor:** Boston Scientific Corp.  
**Budget Dates:** 08/01/07 - 06/30/08  
**Direct:** $5,994

### Duette EMR Study

**Sponsor:** Cook, Inc.  
**Budget Dates:** 11/08/07 - 11/07/08  
**Direct:** $500

### A 5-Year, Registry Study of Humira (Adalimumab) in Patients with Moderately to Severely Active Crohn’s Disease (CD)

**Sponsor:** Quintiles Pacific, Inc.  
**Budget Dates:** 03/25/08 - 12/31/14  
**Direct:** $81,419  
**F & A:** $19,105  
**Award:** C0524T18 (08021559)  
**Project Dates:** 03/25/08 - 12/31/14

### A 5-Year, Registry Study of Humira (Adalimumab) in Patients with Moderately to Severely Active Crohn’s Disease (CD)

**Sponsor:** Quintiles Pacific, Inc.  
**Budget Dates:** 03/25/08 - 12/31/14  
**Direct:** $81,419  
**F & A:** $19,105  
**Award:** C0524T18 (08021559)  
**Project Dates:** 03/25/08 - 12/31/14

### Growth Regulation of Adult Cardiac Muscle Cells

**Sponsor:** VAMC  
**Budget Dates:** 10/01/07 - 09/30/08  
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### Load Induced Cardiac Hypertrophy in the Adult Mammal

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### Evaluating Predictor and Interventions in Sphincter of Oddi Dysfunction (EPISOD) - Clinical

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### Endoscopic Implantation of Enteryx for the Treatment of Symptomatic Gastroesophageal Reflux Disease (GERD)

**Sponsor:** Boston Scientific Corp.  
**Budget Dates:** 08/01/07 - 06/30/08  
**Direct:** $5,994

### Duette EMR Study

**Sponsor:** Cook, Inc.  
**Budget Dates:** 11/08/07 - 11/07/08  
**Direct:** $500

### A 5-Year, Registry Study of Humira (Adalimumab) in Patients with Moderately to Severely Active Crohn’s Disease (CD)

**Sponsor:** Quintiles Pacific, Inc.  
**Budget Dates:** 03/25/08 - 12/31/14  
**Direct:** $81,419  
**F & A:** $19,105  
**Award:** C0524T18 (08021559)  
**Project Dates:** 03/25/08 - 12/31/14

### A 5-Year, Registry Study of Humira (Adalimumab) in Patients with Moderately to Severely Active Crohn’s Disease (CD)

**Sponsor:** Quintiles Pacific, Inc.  
**Budget Dates:** 03/25/08 - 12/31/14  
**Direct:** $81,419  
**F & A:** $19,105  
**Award:** C0524T18 (08021559)  
**Project Dates:** 03/25/08 - 12/31/14

### Growth Regulation of Adult Cardiac Muscle Cells

**Sponsor:** VAMC  
**Budget Dates:** 10/01/07 - 09/30/08  
**Direct:** $125,000

### Load Induced Cardiac Hypertrophy in the Adult Mammal

**Sponsor:** NIH/NHLBI  
**Budget Dates:** 08/01/07 - 07/31/08  
**Direct:** $1,494,540

### Evaluating Predictor and Interventions in Sphincter of Oddi Dysfunction (EPISOD) - Clinical

**Sponsor:** NIH/NIDDK  
**Budget Dates:** 09/15/07 - 06/30/08  
**Direct:** $902,221

### Endoscopic Implantation of Enteryx for the Treatment of Symptomatic Gastroesophageal Reflux Disease (GERD)

**Sponsor:** Boston Scientific Corp.  
**Budget Dates:** 08/01/07 - 06/30/08  
**Direct:** $5,994

### Duette EMR Study

**Sponsor:** Cook, Inc.  
**Budget Dates:** 11/08/07 - 11/07/08  
**Direct:** $500
A Double-Blind, Randomized, Placebo-Controlled, Multi-Center Study to Assess the Safety and Efficacy of AST-120 in Mild to Moderately Active Crohn's Patients with Fistulas  
PI: Frederick Wilson  
Sponsor: Ocera Therapeutics, Inc.  
Total: $ 33,503

Dept: Medicine  
Award: AST001-04 (07071926-1)

Open-Label, Long-Term, Clinical Trial Evaluating Efficacy and Safety of Chronic Therapy with Certolizumab Pegol, a PEGylated Fab Fragment of Humanized Antibody to Tumor Necrosis Factor Alpha (TNF) in Patients Suffering from Crohn's Disease and Having Completed C87042 Study  
PI: Frederick Wilson  
Sponsor: UCB, Inc.  
Total: $ 16,375

Dept: Medicine  
Award: RPCE06C1511 (07100902-1)

A Phase 2/3 Multi-Center, Randomized, Placebo-Controlled, Double-Blind Study to Evaluate the Safety and Efficacy of Golimumab Induction Therapy Administered Intravenously in Subjects with Moderately to Severely Active Ulcerative Colitis  
PI: Lawrence Comerford  
Sponsor: Quintiles Pacific, Inc.  
Total: $ 60,226

Dept: Medicine  
Award: C0524T16 (08021557-1)

A Phase 3, Multi-Center, Randomized, Placebo-Controlled, Double-Blind Study to Evaluate the Safety and Efficacy of Golimumab Maintenance Therapy Administered Subcutaneously in Subjects with Moderately to Severely Active Ulcerative Colitis  
PI: Lawrence Comerford  
Sponsor: Quintiles Pacific, Inc.  
Total: $ 81,419

Dept: Medicine  
Award: C0524T18 (08021559-1)

Drabkin, Harry  
Principal Investigator  
SPORE in Lung Cancer  
Sponsor: Univ. of Colorado  
Budget Dates: 05/01/07 - 04/30/08  
Direct: $ 167,599

Award: FY08.046.002 (07042415)  
Project Dates: 05/01/07 - 04/30/08  
F & A: $ 77,096

A Randomized, Double-Blinded, Multi-Center, Phase 2 Study to Estimate the Efficacy and Evaluate the Safety and Tolerability of Sorafenib in Combination with AMG 386 or Placebo in Subjects with Metastatic Clear Cell Carcinoma of the Kidney  
Sponsor: Amgen  
Budget Dates: 04/20/07 - 04/19/12  
Direct: $ 429,641

Award: 20060159 (07061546)  
Project Dates: 04/20/07 - 04/19/12  
F & A: $ 106,535

A Double-Blind, Randomized, Placebo-Controlled, Phase III Study to Assess the Efficacy of recMAGE-A3 + AS15 Antigen-Specific Cancer Immunotherapeutic as Adjuvant Therapy in Patients with Resectable MAGE-A3-Positive Non-Small Cell Lung Cancer  
Sponsor: GlaxoSmithKline  
Budget Dates: 11/14/07 - 02/26/13  
Direct: $ 69,085

Award: GSK1572932A (08012422)  
Project Dates: 11/14/07 - 02/26/13  
F & A: $ 16,646

Phase 3b, Randomized, Open-Label Study of Bevacizumab (Avastin) + Temsirolimus (Torisel) vs. Bevacizumab (Avastin) + Interferon-Alfa (Roferon) as First-Line Treatment in Subjects with Advanced Renal Cell Carcinoma  
Sponsor: Wyeth, Inc.  
Budget Dates: 04/18/08 - 06/03/13  
Direct: $ 350,325

Award: 3066K1-3311-WW (08040710)  
Project Dates: 04/18/08 - 06/03/13  
F & A: $ 86,831

Biomarkers of Tumor Angiogenesis and Response to Sunitinib Maleate in Renal Cell Carcinoma  
Sponsor: Pfizer, Inc.  
Budget Dates: 06/22/07 - 06/21/13  
Direct: $ 59,744

Award: IIR GA6180JJ (08042284)  
Project Dates: 06/22/07 - 06/21/13  
F & A: $ 14,311

A Phase II, Open-Label, Single-Arm Study of AS1411 in Patients with Metastatic Renal Cell Carcinoma  
Sponsor: Antisoma  
Budget Dates: 05/16/08 - 06/15/13  
Direct: $ 65,102

Award: AS1411-C-202 (08051460)  
Project Dates: 05/16/08 - 06/15/13  
F & A: $ 15,651

Co-Investigator  
An Open-Label, Phase 2 Study to Evaluate the Efficacy and Tolerability of ABT-869 in Subjects with Advanced Renal Cell Carcinoma (RCC) Who Have Previously Received Treatment with Sunitinib  
PI: Thomas Keane  
Sponsor: Abbott Labs  
Total: $ 201,724

Dept: Urology  
Award: M06-882 (07121034-1)

Egan, Brent  
Principal Investigator  
Mechanisms of Hypertension in Chronic Kidney Disease  
Sponsor: Univ. of Michigan  
Budget Dates: 07/01/07 - 06/30/08  
Direct: $ 4,405

Award: F014291 (07080684)  
Project Dates: 07/01/05 - 06/30/08  
F & A: $ 2,027

An Analysis of the Financial Impact of Hypertension-Related Therapeutic Inertia on South Carolina Medicaid Expenditures  
Sponsor: Abt Associates, Inc.  
Budget Dates: 02/01/08 - 01/31/09  
Direct: $ 62,839

Award: 21196,55 (08013055)  
Project Dates: 02/01/08 - 01/31/09  
F & A: $ 15,710
Improving Safety and Access for Physical Activity
Sponsor: Univ. of South Carolina
Budget Dates: 05/01/08 - 04/30/09
Direct: $ 8,828
Award: 07-1432/1R01DK067615-01A2 (08050532)
Project Dates: 04/01/07 - 03/31/12
F & A: $ 4,061

Egede, Leonard
Principal Investigator
Understanding Racial and Ethnic Variations in Health Outcomes for Chronic Diseases (TREP Award)
Sponsor: VAMC
Budget Dates: 07/01/07 - 06/30/08
Direct: $ 153,000
Award: TREP-824 (04063020)
Project Dates: 04/01/07 - 03/31/12
F & A: $ 0

Telepsychology-Service Delivery for Depressed Elderly Veterans
Sponsor: VAMC
Budget Dates: 08/01/07 - 07/31/08
Direct: $ 258,500
Award: (07063035)
Project Dates: 08/01/06 - 07/31/10
F & A: $ 0

Co-Investigator
SCCP Medicaid Academic Detailing Project
PI: Patrick Mauldin
Sponsor: Univ. of South Carolina
Total: $ 38,246
Dept: Pharmacy and Clinical Sciences
Award: 08-1470/A8 1541 A (07062919-1)

DHHS Telemedicine Project (Confidant)
PI: Louis Luttrell
Sponsor: SC DHHS
Total: $ 271,479
Dept: Medicine
Award: A 9 1558 A (07080791-1)

SCCP Medicaid Academic Detailing Project
PI: Patrick Mauldin
Sponsor: Univ. of South Carolina
Total: $ 97,896
Dept: Pharmacy and Clinical Sciences
Award: 08-1470/A8 1541 A (07102246-1)

SCCP Medicaid Academic Detailing Project - Amendment Two
PI: Patrick Mauldin
Sponsor: Univ. of South Carolina
Total: $ 116,236
Dept: Pharmacy and Clinical Sciences
Award: 08-1470/11150-GL00 (08061334-1)

Egidi, Maria
Principal Investigator
A 4-Week, Multi-Center, Double-Blind, Randomized, Parallel-Group Study to Compare the Gastrointestinal Safety and Tolerability of Myfortic and MMF (Cellcept) when Administered in Combination with Calcineurin Inhibitors in Renal Transplant Recipients Experiencing Gastrointestinal Intolerance
Sponsor: Novartis Corp.
Budget Dates: 07/17/07 - 07/31/08
Direct: $ 35,678
Award: CERL080A-US51 (07091812)
Project Dates: 07/17/07 - 07/31/08
F & A: $ 8,107

A Randomized, Placebo-Controlled, Double-Blind Comparative Study Evaluating the Effect of Ramipril on Urinary Protein Excretion in Maintenance Renal Transplant Patients Converted to Sirolimus
Sponsor: Wyeth, Inc.
Budget Dates: 05/12/08 - 12/31/10
Direct: $ 118,192
Award: 0468E5-4439-WW (08043019)
Project Dates: 05/12/08 - 12/31/10
F & A: $ 28,798

Fernandes, Jyotika
Principal Investigator
Trial to Reduce Cardiovascular Events with Aranesp Therapy (TREAT)
Sponsor: Amgen
Budget Dates: 09/28/04 - 09/27/09
Direct: $ 1,200
Award: 20010184 (04100807)
Project Dates: 09/28/04 - 09/27/09
F & A: $ 300

Co-Investigator
DHHS Telemedicine Project (Confidant)
PI: Louis Luttrell
Sponsor: SC DHHS
Total: $ 271,479
Dept: Medicine
Award: A 9 1558 A (07080791-1)

Flume, Patrick
Principal Investigator
A Randomized, Open-Label, Multi-Center, Phase 3 Trial to Assess the Safety of Tobramycin Inhalation Powder Compared to TOBI in Cystic Fibrosis Subjects
Sponsor: Chiron, Inc.
Budget Dates: 01/30/06 - 01/31/09
Direct: $ 7,646
Award: TIP 003 (06012649)
Project Dates: 01/30/06 - 01/31/09
F & A: $ 1,911

A Multi-Center, Randomized, Double-Blind, Placebo-Controlled Trial of Pulmonzyme Withdrawal on Exercise Tolerance in Cystic Fibrosis Subjects with Severe Lung Disease (TOPIC)
Sponsor: Genentech, Inc.
Budget Dates: 04/30/07 - 12/31/09
Direct: $ 6,653
Award: Z3877g (07022147)
Project Dates: 04/30/07 - 12/31/09
F & A: $ 1,663

Cystic Fibrosis Center - Patient Registry
Sponsor: Cystic Fibrosis Fdn
Budget Dates: 07/01/07 - 06/30/08
Direct: $ 85,435
Award: C104-07 (07070967)
Project Dates: 07/01/07 - 06/30/08
F & A: $ 0
Quality Improvement - Learning and Leadership Collaborative V
Sponsor: Cystic Fibrosis Fdn.  
Award: FLUME07QI10 (07072650)

Updating Practice Guidelines
Sponsor: Cystic Fibrosis Fdn.
Award: FLUME05CS0 (07091604)

A Phase I, Single-Blind, Randomized, Crossover Study to Evaluate the Safety and Tolerability and Pharmacokinetic Profile of Two Formulations of MP-376 Solution Delivered by the Pari Eflow Device to Patients with Cystic Fibrosis
Sponsor: Mpex Pharmaceuticals, Inc.
Award: MPEX-205 (07122087)

A Phase 2, Multi-Center, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Safety, Tolerability and Efficacy of Three Dosing Regimens of MP-376 Solution for Inhalation Given for 28 Days to Stable Cystic Fibrosis Patients
Sponsor: Mpex Pharmaceuticals, Inc.
Award: MPEX-204 (08041028)

Clinical Research Facilitation Award
Sponsor: Cystic Fibrosis Fdn.
Award: C104-CRF06A (08021119)

Improving Patient Outcomes in End-of-Life Care Provided by Physicians and Nurses
Sponsor: Univ. of Washington
Award: 411005 (06062406)

Significant Contributor
General Clinical Research Center
Sponsor: NIH/NCRR
Award: 2 M01 RR001070-30A1 (06100397-1)

Flume, Patrick
Co-PI/Project Leader
Randomized, Double-Blind, Placebo-Controlled, Multi-Center Study to Evaluate the Safety and Efficacy of Inhaled Ciprofloxacin Compared to Placebo in Subjects with Cystic Fibrosis
Pl: Antine Stenbit  
Dept: Medicine  
Award: 12429 (08050129-1)

Ford, Dee
Principal Investigator
Improving Patient Outcomes in End-of-Life Care Provided by Physicians and Nurses
Sponsor: Univ. of Washington
Award: 411005 (06062609)

Improving Patient Outcomes in End-of-Life Care Provided by Physicians and Nurses
Sponsor: Univ. of Washington
Award: 411005 (08060689)

Garnovskaya, Maria
Principal Investigator
Metalloproteinases and Epidermal Growth Factor Receptor Transactivation by the Bradykinin B2 Receptor in Kidney Cells
Sponsor: Amer. Heart Assoc.
Award: 0955445U (08011103)

Early Regulation of the Retinoblastoma Gene Product in Vascular Smooth Muscle Cells
Sponsor: VAMC
Award: (06062404)

Gemmill, Robert
Co-Investigator
SPORE in Lung Cancer
Pl: Harry Drabkin  
Dept: Medicine  
Award: FY08.046.002 (07042415-1)

Gilkeson, Gary
Principal Investigator
LCTC Participating Center
Sponsor: Lupus Clinical Trials Consortium
Award: (03100207)

Role of Estrogen Receptors in Lupus-Modulators of the Inflammatory Response
Sponsor: VAMC
Award: (06062405)
Role of Sphingosine Kinase in Inflammatory Arthritis
Sponsor: ACR Research and Education Fdn.
Award: (07022358) Budget Dates: 07/01/07 - 06/30/08 Direct: $185,185

Training Grant in Inflammatory and Fibrosing Diseases
Sponsor: NIH/NIAMS
Award: 5 T32 AR050958-03 (07042414) Budget Dates: 07/01/07 - 06/30/08 Direct: $168,844

Complement in the Pathogenesis of Autoimmune Arthritis
Sponsor: Univ. of Colorado
Award: FY08.090.005/R01 AR051749 (07082741) Budget Dates: 09/01/07 - 06/30/09 Direct: $41,720

Vitamin D in Lupus
Sponsor: Albert Einstein Coll. of Med.
Award: (08021452) Budget Dates: 02/01/07 - 01/31/09 Direct: $51,717

Gilkeson, Gary
Co-PI/Project Leader
Complement Inhibitory Therapy of Lupus
Pl: Stephen Tomlinson Sponsor: DOD Dept: Microbiology and Immunology Award: W81XWH-07-1-0161 (06051858-2)
Co-Investigator
Inflammatory Mediators of Glomerular Disease (REAP)
Pl: John Raymond Sponsor: VAMC Dept: Medicine Award: (05060630-4)
A Role for the Msh4/5 Heterodimers in IgA Deficiency and CVID
Pl: Hedeharu Sekine Sponsor: US Immunodeficiency Networ Dept: Medicine Award: COA#40/N01-AI-30070 (07062703-1)
Mentor
Regulation of Fli1 Gene Expression in Lupus
Pl: Tamara Nowling Sponsor: NIH/NIDDK Dept: Medicine Award: 5 K01 DK072306-03 (07071075-1)
Impact of Fli-1 Expression on Lupus Disease Development
Pl: Xian Zhang Sponsor: NIH/NIAMS Dept: Medicine Award: 5 K01 AR051385-03 (07071079-1)

Glenn, James
Principal Investigator
AutoCapture vs. Capture Management Evaluation
Sponsor: St. Jude Medical, Inc. Budget Dates: 10/01/04 - 12/31/07 Direct: $240
Award: CRD #264 (04101402) Project Dates: 10/01/04 - 12/31/07 F & A: $60

Gold, Michael
Principal Investigator
Educational Grant in Support of an EP Fellowship
Sponsor: Medtronic, Inc. Budget Dates: 10/01/04 - 12/31/09 Direct: $92,593
Award: (02102214) Project Dates: 10/01/04 - 12/31/09 F & A: $7,407
REVERSE: Resynchronization Reverses Remodeling in Systolic Left Ventricular Dysfunction
Sponsor: Medtronic, Inc. Budget Dates: 10/01/04 - 12/31/09 Direct: $106,368
Award: (04092202) Project Dates: 10/01/04 - 12/31/09 F & A: $26,592
Clinical Partners in Excellence Program
Sponsor: St. Jude Medical, Inc. Budget Dates: 09/09/04 - 09/08/09 Direct: $21,105
Award: (04100808) Project Dates: 09/09/04 - 09/08/09 F & A: $5,301
GDT 2000 Acute RV Auto Threshold Study
Sponsor: Guidant Budget Dates: 07/05/05 - 12/31/07 Direct: $8,000
Award: GDT2000 (05080422) Project Dates: 07/05/05 - 12/31/07 F & A: $2,000
First Arrhythmia Collection of Tranvenous and Simultaneous Subcutaneous Implantable Defibrillator (S-ICD) Data: The FACTS S-ICD Study
Sponsor: Cameron Health, Inc. Budget Dates: 10/01/05 - 12/31/07 Direct: $12,000
Award: FACTS S-ICD (05100306) Project Dates: 10/01/05 - 12/31/07 F & A: $3,000
Prospective, Multi-Center Study of the Ability of the PD2i Cardiac Analyzer to Predict Risk of Ventricular Tachyarrhythmic Events Such as, Sudden Cardiac Death (SCD), Ventricular Fibrillation (VF) or Ventricular Tachycardia (VT) in High Risk Patients
Sponsor: Vicor Technologies, Inc. Budget Dates: 08/06/07 - 12/31/09 Direct: $24,600
Award: VTI-2003-03 (07072443) Project Dates: 08/06/07 - 12/31/09 F & A: $5,400
**Clinical Protocol for the REPLACE Registry**

**Sponsor:** Pharma Link FHI, Inc.
**Budget Dates:** 08/21/07 - 12/31/10  
**Direct:** $63,000

**Rate Dependent A-V Delay by Exercise RAVE**

**Sponsor:** Boston Scientific Corp.
**Budget Dates:** 01/11/08 - 12/31/10  
**Direct:** $110,000

**Safety of Sports for Patients with Implantable Cardioverter-Defibrillators: A Multi-Center Registry**

**Sponsor:** Yale Univ.
**Budget Dates:** 04/03/08 - 12/31/11  
**Direct:** $7,500
Hawes, Robert

**Co-Investigator**

**Evaluating Predictor and Interventions in Sphincter of Oddi Dysfunction (EPISOD) - Clinical**

*PI*: Peter Cotton  
*Sponsor*: NIH/NIDDK  
*Total*: $ 756,512

*Dept*: Medicine  
*Award*: 1 U01 DK074739-01A1 (06101955-1)

**Evaluating Predictor and Interventions in Sphincter of Oddi Dysfunction (EPISOD) - Data**

*PI*: Peter Cotton  
*Sponsor*: NIH/NIDDK  
*Total*: $ 145,709

*Dept*: Medicine  
*Award*: 1 U01 DK074739-01A1 (06101955-2)

**Contrast Enhanced Endoscopic Ultrasound (CE-EUS) for Imaging Pancreatic Masses, Mediastinal/Abdominal Lymphadenopathy and Liver Lesions**

*PI*: Joseph Romagnuolo  
*Sponsor*: Bristol Myers Squibb  
*Total*: $ 16,500

*Dept*: Medicine  
*Award*: 27024 (07100999-1)

**Mentor**

**Duette EMR Study**

*PI*: Aaron Domm  
*Sponsor*: Cook, Inc.  
*Total*: $ 500

*Dept*: Medicine  
*Award*: EMR Project (07110930-1)

Haycraft, Courtney

**Co-Investigator**

**UAB Recessive PKD Research and Translational Core Center**

*PI*: Phillip Bell  
*Sponsor*: Univ. of Alabama, Birmingham  
*Total*: $ 100,080

*Dept*: Medicine  
*Award*: 5 P30 DK074038-03 (07071305-1)

**Cellular Mechanisms for Tubuloglomerular Feedback**

*PI*: Phillip Bell  
*Sponsor*: NIH/NIDDK  
*Total*: $ 195,074

*Dept*: Medicine  
*Award*: 5 R01 DK032032-23 (08011469-1)

Hermayer, Kathie

**Principal Investigator**

**Intravenous Insulin Protocol in Diabetes and Renal Transplantation**

*Sponsor*: Amer. Diabetes Assoc.  
*Budget Dates*: 07/01/07 - 06/30/08  
*Direct*: $ 173,865

*Award*: 7-07-CR-22 (07011042)  
*Project Dates*: 07/01/07 - 06/30/10  
*F & A*: $ 26,079

Herpel, Laura

**Principal Investigator**

**Pcrit Equipment Loan Agreement**

*Sponsor*: Respironics, Inc.  
*Budget Dates*: 06/06/08 - 05/31/09  
*Direct*: $ 2,000

*Award*: PCrit (08051670)  
*Project Dates*: 06/06/08 - 05/31/09  
*F & A*: $ 0

Highland, Kristin

**Principal Investigator**

**A 12-Week, International, Multi-Center, Double-Blind, Randomized, Placebo-Controlled Comparison of the Efficacy and Safety of Oral UT-15C Sustained Release Tablets in Subjects with PAH**

*Sponsor*: United Therapeutics  
*Budget Dates*: 12/04/06 - 12/31/08  
*Direct*: $ 6,328

*Award*: TDE-PH-302 (06112163)  
*Project Dates*: 12/04/06 - 12/31/08  
*F & A*: $ 1,582

**A 16-Week, International, Multi-Center, Double-Blind, Randomized, Placebo-Controlled Comparison of the Efficacy and Safety of Oral UT-15C Sustained Release Tablets in Combination with an Endothelin Receptor Antagonist and/or a Phosphodiesterase-5 Inhibitor in Subjects with Pulmonary Arterial Hypertension**

*Sponsor*: United Therapeutics  
*Budget Dates*: 12/04/06 - 12/31/08  
*Direct*: $ 6,453

*Award*: TDE-PH-301 (06112166)  
*Project Dates*: 12/04/06 - 12/31/08  
*F & A*: $ 1,613

**An Open-Label Extension Trial of UT-15C SR in Subjects with Pulmonary Arterial Hypertension**

*Sponsor*: United Therapeutics  
*Budget Dates*: 05/01/07 - 06/30/10  
*Direct*: $ 9,888

*Award*: TDE-PH-304 (07042416)  
*Project Dates*: 05/01/07 - 06/30/10  
*F & A*: $ 2,472

**An Evaluation of Biomarkers and Genetics in Subjects with Pulmonary Arterial Hypertension**

*Sponsor*: United Therapeutics  
*Budget Dates*: 05/01/07 - 07/31/08  
*Direct*: $ 5,300

*Award*: TDE-PH-307 (07081095)  
*Project Dates*: 05/01/07 - 07/31/08  
*F & A*: $ 1,200

Hoffman, Brenda

**Principal Investigator**

**A Phase III, Multi-Center, Randomized, Placebo-Controlled Study to Evaluate the Clinical Efficacy and Safety of Induction and Maintenance Therapy with Abatacept in Subjects with Active Ulcerative Colitis (UC) Who Have Had an Inadequate Clinical Response and/or Intolerance to Medical Therapy**

*Sponsor*: Bristol Myers Squibb  
*Budget Dates*: 05/18/07 - 05/17/09  
*Direct*: $ 2,080

*Award*: IM101-108-035 (07051491)  
*Project Dates*: 05/18/07 - 05/17/09  
*F & A*: $ 520
### A Phase III, Multi-Center, Randomized, Placebo-Controlled Study to Evaluate the Clinical Efficacy and Safety of Induction and Maintenance Therapy with Abatacept in Subjects with Active Crohn's Disease (CD) Who Have Had an Inadequate Clinical Response and/or Intolerance to Medical Therapy

**Sponsor:** Bristol Myers Squibb  
**Budget Dates:** 05/18/07 - 05/17/09  
**Direct:** $160  
**Award:** IM101-084-044 (07051593)  
**Project Dates:** 05/18/07 - 05/17/09  
**F & A:** 40

### Hoffman, Brenda

**Co-PI/Project Leader**

**Endoscopic Implantation of Enteryx for the Treatment of Symptomatic Gastroesophageal Reflux Disease (GERD)**

**PI:** Mark Delegge  
**Dept:** Medicine  
**Sponsor:** Boston Scientific Corp.  
**Award:** 302-1001 (03081901-2)  
**Total:** $5,994

**Computer-Aided Cancer Management - Supplement Hoffman**

**PI:** Gerard Silvestri  
**Dept:** Medicine  
**Sponsor:** DOD  
**Award:** W81XWH-05-1-0378 (04070126-19)  
**Total:** $45,856

### Hoffman, Stanley

**Co-Investigator**

**A Double-Blind, Randomized, Placebo-Controlled, Multi-Center Study to Assess the Safety and Efficacy of AST-120 in Mild to Moderately Active Crohn's Patients with Fistulas**

**PI:** Frederick Wilson  
**Dept:** Medicine  
**Sponsor:** Ocera Therapeutics, Inc.  
**Award:** AST001-04 (07071926-1)  
**Total:** $33,503

**Contrast Enhanced Endoscopic Ultrasound (CE-EUS) for Imaging Pancreatic Masses, Mediastinal/Abdominal Lymphadenopathy and Liver Lesions**

**PI:** Joseph Romagnuolo  
**Dept:** Medicine  
**Sponsor:** Bristol Myers Squibb  
**Award:** 27024 (07100999-1)  
**Total:** $16,500

### Huang, Yan

**Principal Investigator**

**Diabetes and the Stability of Atherosclerotic Plaques**

**Sponsor:** VAMC  
**Budget Dates:** 04/01/08 - 03/31/09  
**Direct:** $191,900

**Diabetes and Periodontal Gene Expression**

**Sponsor:** NIH/NIDCR  
**Budget Dates:** 05/01/08 - 04/30/09  
**Direct:** $200,445

### Jaffa, Ayad

**Principal Investigator**

**Lipoproteins, CTGF and Diabetic Vascular and Renal Disease**

**Sponsor:** NIH/NHLBI  
**Budget Dates:** 02/01/08 - 01/31/09  
**Direct:** $242,750

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

**Sponsor:** NIH/NIDDK  
**Budget Dates:** 05/01/08 - 04/30/09  
**Direct:** $111,665

### Janech, Michael

**Principal Investigator**

**Identification and Validation of Plasma Biomarkers in California Sea Lions**

**Sponsor:** DOD/ONR  
**Budget Dates:** 01/05/08 - 01/04/10  
**Direct:** $24,926

**Co-Investigator**

**Prognostic Markers in Postoperative Acute Kidney Injury**

**PI:** John Arthur  
**Dept:** Medicine  
**Sponsor:** NIH/NIDDK  
**Total:** $288,308

---

**Hoffman, Brenda**
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  - **Sponsor:** Boston Scientific Corp.
  - **Award:** 302-1001 (03081901-2)
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- **Dept:** Medicine
- **Sponsor:** DOD
- **Award:** W81XWH-05-1-0378 (04070126-19)
- **Total:** $45,856

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  - **Direct:** $24,926

**Co-Investigator**
- **Prognostic Markers in Postoperative Acute Kidney Injury**
  - **PI:** John Arthur
  - **Dept:** Medicine
  - **Sponsor:** NIH/NIDDK
  - **Total:** $288,308
Johnston, Rebecca

**Principal Investigator**

**Role of Ubiquitination in Cardioprotection During Early Pressure Overload Hypertrophy**

Sponsor: Amer. Heart Assoc.  
Award: 0615468U (06011316)  
Budget Dates: 07/01/07 - 06/14/08  
Direct: $20,000  
F & A: 0

**Joseph, Kusumam**

**Principal Investigator**

**Regulation of Endothelin 1 Production by Bradykinin in Pulmonary Arterial Hypertension**

Sponsor: Amer. Heart Assoc./Mid-Atlantic  
Award: 0765356U (07010498)  
Budget Dates: 07/01/07 - 06/30/08  
Direct: $60,000  
F & A: 6,000

Judson, Marc

**Principal Investigator**

**Development and Validation of a Questionnaire to Assess Patient-Reported Symptoms and Functional Limitation in Patients with Sarcoidosis: The Sarcoidosis Assessment Tool (SAT)**

Sponsor: Centocor, Inc.  
Award: SAT (07042003)  
Budget Dates: 07/27/07 - 01/26/09  
Direct: $48,500  
F & A: 11,500

**Role of Mycobacteria in Sarcoidosis Immunopathogenesis**

Sponsor: Vanderbilt Univ.  
Award: VUMC 33657/R01 AI065744 (07062071)  
Budget Dates: 04/01/07 - 03/31/08  
Direct: $7,466  
F & A: 3,434

**Investigation of the Role of Bacteria in the Sarcoidosis Trimolecular Complex**

Sponsor: Vanderbilt Univ.  
Award: VUMC 33658/R01 HL083839 (07070657)  
Budget Dates: 04/01/07 - 03/31/08  
Direct: $7,466  
F & A: 3,434

**Detection of Interleukin 12 (IL-12) and Interleukin 23 (IL-23) in Sarcoidosis Skin Lesions**

Sponsor: Centocor, Inc.  
Award: C0743X01 (07100894)  
Budget Dates: 09/14/07 - 09/30/08  
Direct: $64,500  
F & A: 15,500

**Ambrisentan (Letairis) for Sarcoidosis Associated Pulmonary Hypertension**

Sponsor: Gilead Sciences, Inc.  
Award: IN-US-300-0121 (08041859)  
Budget Dates: 12/17/07 - 12/31/09  
Direct: $286,231  
F & A: 45,323

Kamen, Diane

**Principal Investigator**

**The Role of Vitamin D in Systemic Lupus Erythematosus - Physician Scientist Development Award**

Sponsor: ACR Research and Education Fdn.  
Award: (05072792)  
Budget Dates: 07/01/07 - 07/31/07  
Direct: $50,000  
F & A: 0

**A Phase III, Randomized, Double-Blind, Placebo-Controlled, Multi-Center Study to Evaluate the Efficacy and Safety of Rituximab in Subjects with ISN/RPS Class III or IV Lupus Nephritis**

Sponsor: Genentech, Inc.  
Award: U2970g (05122853)  
Budget Dates: 12/28/05 - 12/31/08  
Direct: $22,010  
F & A: 5,502

**The Role of Vitamin D in Systemic Lupus Erythematosus**

Sponsor: NIH/NIAMS  
Award: 1 K23 AR052364-01A2 (06022489)  
Budget Dates: 08/03/07 - 06/30/08  
Direct: $119,875  
F & A: 9,590

**Lupus Biomarkers Database Support**

Sponsor: Lupus Fdn.  
Award: (07111446)  
Budget Dates: 01/01/08 - 12/30/08  
Direct: $20,000  
F & A: 0

**A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Multi-Center Study to Evaluate the Efficacy and Safety of Two Doses of Ocrelizumab in Patients with WHO or ISN Class III or IV Nephritis Due to Systemic Lupus Erythematosus**

Sponsor: Quintiles Pacific, Inc.  
Award: ACT4072g/WA20500 (08062485)  
Budget Dates: 06/26/08 - 08/31/11  
Direct: $677,340  
F & A: 168,710

**Klein, Richard**

**Principal Investigator**

**Interactions of Lipoproteins and Cells in Diabetes Mellitus**

Sponsor: VAMC  
Award: (08051248)  
Budget Dates: 04/01/08 - 03/31/09  
Direct: $246,500  
F & A: 0
Komlosi, Peter

Principal Investigator

Paramacular Signaling to the Juxtaglomerular Vasculature
Sponsor: Amer. Heart Assoc.  
Budget Dates: 01/01/08 - 12/31/08  
Direct: $59,091

Award: 0630096N (06072506)

Project Dates: 07/01/06 - 12/31/09  
F & A: $5,909

Co-Investigator

UAB Recessive PKD Research and Translational Core Center
Pl: Phillip Bell  
Dept: Medicine  
Award: 5 P30 DK074038-03 (07071305-1)

Cellular Mechanisms for Tubuloglomerular Feedback
Pl: Phillip Bell  
Dept: Medicine  
Award: 5 R01 DK032032-23 (08011469-1)

Kraft, Andrew

Principal Investigator

MUSC Drug Discovery Facility
Sponsor: Natl. Inst. of Standards and Technology  
Budget Dates: 10/01/07 - 09/30/08  
Direct: $7,211,028

Award: 60NANB51246 (05062185)

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 - 04/19/09  
Direct: $3,200

Award: ET743-SAR-3002 (05062714)

Hollings Cancer Center Breast Cancer Patient Navigation Program
Sponsor: Avon Fdn.  
Budget Dates: 01/01/08 - 12/31/08  
Direct: $112,500

Award: 05-2007-062 (07042729)

Biorepository Project
Sponsor: USC Research Foundation  
Budget Dates: 11/01/07 - 07/31/09  
Direct: $50,000

Award: (07112066)

A Randomized, Multi-Center, Phase III Study Comparing the Combination of Pazopanib and Lapatinib versus Lapatinib Monotherapy in Patients with ErbB2 Over-Expressing Inflammatory Breast Cancer
Sponsor: GlaxoSmithKline  
Budget Dates: 07/24/07 - 12/14/12  
Direct: $158,196

Award: VEG108838 (07112067)

A Phase II Trial of Dasatinib (Sprycel) in Subjects with Hormonerefractory Prostate Cancer Previously Treated with Chemotherapy
Sponsor: Univ. of California  
Budget Dates: 07/16/07 - 07/15/08  
Direct: $28,500

Award: 2007-1919 / BMS-42188 (07112169)

A Pivotal Trial to Determine the Efficacy and Safety of AP23573 When Administered as Maintenance Therapy to Patients with Metastatic Soft-Tissue or Bone Sarcomas
Sponsor: Ariad Pharmaceuticals, Inc.  
Budget Dates: 01/14/08 - 02/01/12  
Direct: $95,300

Award: AP23573-07-302 (08011786)

A Phase 2, Randomized, Multi-Center, Open-Label Study to Evaluate the Efficacy and Safety of Mapatumumab ([HGS1012], a Fully Human Monoclonal Antibody to TRAIL-R1) in Combination with Carboplatin and Paclitaxel as First Line Therapy in Subjects with Advanced Non-Small Cell Lung Cancer (NSCLC)
Sponsor: Pharmaceutical Research Associates  
Budget Dates: 03/10/08 - 04/10/13  
Direct: $893,106

Award: HGS1012-C1072 (08031303)

Kuppuswamy, Co-PI/Project Leader

Dhandapani

Load Induced Cardiac Hypertrophy in the Adult Mammal - Project 5
Pl: George Cooper, IV  
Dept: Medicine  
Award: 5 P01 HL048788-15 (07061438-11)
Co-Investigator

Kuppuswamy, Dhandapani

Load Induced Cardiac Hypertrophy in the Adult Mammal - Project 1
PI: George Cooper, IV
Dept: Medicine
Sponsor: NIH/NHLBI
Total: $167,265
Award: 5 P01 HL048788-15 (07016438-7)

Load Induced Cardiac Hypertrophy in the Adult Mammal - Project 4
PI: George Cooper, IV
Dept: Medicine
Sponsor: NIH/NHLBI
Total: $176,370
Award: 5 P01 HL048788-15 (07016438-10)

LaRue, Amanda

Co-Investigator

HSC-Derived Fibroblasts in Normal and Diseased Valves
PI: Christopher Drake
Dept: Cell Biology and Anatomy
Sponsor: NIH/NHLBI
Total: $250,000
Award: 5 R01 HL080168-02 (08031415-1)

Hematopoietic Origin of Mesenchymal Cells
PI: Makio Ogawa
Dept: Pathology and Laboratory Medicine
Sponsor: NIH/NIDDK
Total: $212,500
Award: 1 R01 DK077821-01A1 (07020260-1)

Lemam, Robert

Principal Investigator

Optimum Lead Insulation Material Registry
Sponsor: St. Jude Medical, Inc.
Budget Dates: 04/02/07 - 12/31/12
Direct: $400
F & A: 100
Award: OPTIMUM (07032089)

CRT-D Based Impedance Monitoring Feasibility IDE Study
Sponsor: St. Jude Medical, Inc.
Budget Dates: 07/17/07 - 12/31/08
Direct: $16,100
F & A: 3,400
Award: CRT-D Impedance (07061442)

Identifying Genetic Markers that Predict Microvolt T-Wave Alternans Status and Arrhythmia Risk in Patients with Ischemic Heart Disease
Sponsor: Metrohealth System
Budget Dates: 06/21/07 - 06/30/08
Direct: $7,700
F & A: 1,300
Award: ABCD Genetic Study (07071078)

Lopes-Virella, Maria

Principal Investigator

Immune Mechanisms of Nephropathy in Type 1 Diabetes
Sponsor: Juvenile Diabetes Fdn.
Budget Dates: 03/01/08 - 02/28/09
Direct: $150,000
Proje:ct Dates: 03/01/06 - 02/28/09
F & A: 15,000
Award: 1-2006-49 (08011896)

Co-Investigator

Lipoproteins, CTGF and Diabetic Vascular and Renal Disease
PI: Ayad Jaffa
Dept: Medicine
Sponsor: NIH/NHLBI
Total: $242,750
Award: 5 R01 HL077192-03 (07120627-1)

Sphingolipid Signaling Induced by LDL Immune Complexes
PI: Samar Hammad
Dept: Cell Biology and Anatomy
Sponsor: NIH/NHLBI
Total: $194,200
Award: 5 R01 HL079274-03 (08021451-1)

Luttrell, Louis

Principal Investigator

Vitamin D Insufficiency and Cardiovascular Risk in Type 2 Diabetes
Sponsor: Amer. Heart Assoc./Mid-Atlantic
Budget Dates: 07/01/07 - 06/30/08
Direct: $60,000
F & A: 6,000
Award: 0755466U (07010511)

Investigation of Risk Factors for Type 1 Diabetes and Associated Complications (PANDA Protocol)
Sponsor: Health Sciences SC
Budget Dates: 05/01/07 - 04/30/09
Direct: $60,000
Award: (07037063)

DHHS Telemedicine Project (Confidant)
Sponsor: SC DHHS
Budget Dates: 07/01/07 - 06/30/08
Direct: $271,479
Award: A 9 1558 A (07080791)

Mao, Cungui

Principal Investigator

Alkaline Ceramidase and Sphingolipid Signaling
Sponsor: NIH/NCI
Budget Dates: 05/01/08 - 04/30/09
Direct: $149,339
Award: 5 R01 CA104834-05 (08031071)
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<tr>
<th>Name</th>
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<td>Mao, Cungui</td>
<td>Co-Investigator</td>
<td>Sphingosine Phosphate Role in Inflammation</td>
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<td>Marculescu, Camelia</td>
<td>Co-Investigator</td>
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<td>Markiewicz, Margaret</td>
<td>Co-Investigator</td>
<td>Role of Ets Genes in Transformation and Differentiation - Project 3: Fli1 and Etx1 in Stromal Activation in Breast Cancer</td>
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<td>PI: Dennis Watson</td>
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<td>Load Induced Cardiac Hypertrophy in the Adult Mammal - Core D</td>
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<td>PI: George Cooper, IV</td>
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<td>Load Induced Cardiac Hypertrophy in the Adult Mammal - Project 1</td>
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<td>Load Induced Cardiac Hypertrophy in the Adult Mammal - Project 2</td>
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<td>Load Induced Cardiac Hypertrophy in the Adult Mammal - Project 3</td>
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<td>Load Induced Cardiac Hypertrophy in the Adult Mammal - Project 4</td>
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<td>PI: George Cooper, IV</td>
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<td>Mohr, Jr., Lawrence</td>
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<td>Environmental Biosciences Program: Program Management</td>
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<td>PI: Paul Darden</td>
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Montero, Alberto

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

Sponsor: Merck
Budget Dates: 07/09/07 - 03/03/14
Direct: $94,538

Award: 003 (07032921)
Project Dates: 07/09/07 - 03/03/14
F & A: 22,009

Azacitidine with Rituximab, Vincristine, and Cyclophosphamide in Refractory Follicular Lymphoma: A Phase I Trial

Sponsor: Pharmion Corp.
Budget Dates: 04/05/07 - 04/04/09
Direct: $6,205

Award: 101109 (07041062)
Project Dates: 04/05/07 - 04/04/09
F & A: 1,551

Moran, William

Co-PI/Project Leader

Palmetto State Geriatric Education Centers

PI: Ann-Charlotte Granholm
Sponsor: Univ. of South Carolina
Total: $46,296

Dept: Neurosciences
Award: 1 D31HP08807-01-00 (07050870-1)

Co-Investigator

SCCP Medicaid Academic Detailing Project

PI: Patrick Mauldin
Sponsor: Univ. of South Carolina
Total: $38,246

Dept: Pharmacy and Clinical Sciences
Award: 08-1470/A8 1541 A (07062919-1)

Faculty Development in Primary Care

PI: Paul Darden
Sponsor: HRSA
Total: $186,656

Dept: Pediatrics
Award: 5 D55 HP05159-03-02 (07080275-1)

SCCP Medicaid Academic Detailing Project

PI: Patrick Mauldin
Sponsor: Univ. of South Carolina
Total: $97,896

Dept: Pharmacy and Clinical Sciences
Award: 08-1470/A8 1541 A (07102246-1)

SCCP Medicaid Academic Detailing Project - Amendment Two

PI: Patrick Mauldin
Sponsor: Univ. of South Carolina
Total: $116,236

Dept: Pharmacy and Clinical Sciences
Award: 08-1470/11150-GL00 (08061334-1)

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 In
Total: $442,800

Dept: Medicine
Award: P04737 (07112882-1)

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: $168,780

Dept: Medicine
Award: NC20971 (08020169-1)

Neilsen, 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
Budget Dates: 10/20/06 - 05/31/12
Direct: $2,400

Award: SPIITIR IV - Protocol 05-3 (06101021)
Project Dates: 10/20/06 - 05/31/12
F & A: 600

A Randomized, Double-Blind, Parallel-Group, Phase 3, Efficacy and Safety Study of AZD6140 Compared with Clopidogrel for Prevention of Vascular Events in Patients with Non-ST or ST Elevation Acute Coronary Syndromes (ACS) PLATO

Sponsor: Astrazeneca
Budget Dates: 07/03/07 - 12/31/09
Direct: $62,600

Award: D5130C05262 - PLATO (07060594)
Project Dates: 07/03/07 - 12/31/09
F & A: 14,900

Patent Foramen Ovale Closure with the Amplatzer PFO Occluder in Patients with Recurrent Cryptogenic Stroke Due to Presumed Paradoxical Embolism Through the Patent Foramen Ovale Who Have Failed Conventional Drug Therapy PFO ACCESS Registry

Sponsor: Aga Medical Corp.
Budget Dates: 08/01/07 - 12/31/10
Direct: $3,000

Award: PFO Access Registry (07071294)
Project Dates: 08/01/07 - 12/31/10
F & A: 0
### Interventional Cardiology Fellowship Program, NIELSEN
- **Sponsor:** Boston Scientific Corp.
- **Award:** Fellowship (07082846)
- **Budget Dates:** 08/28/07 - 08/28/08
- **Direct:** $44,000
- **Project Dates:** 08/28/07 - 08/28/08
- **F & A:** 0

### Co-Investigator
- **Novgorodov, Sergei**
- **Title:** Mitochondrial Ceramide in Chemotherapy-Induced Apoptosis
- **Sponsor:** NIH/NIA
- **Total:** $189,636

### Principal Investigator
- **Nowling, Tamara**
- **Title:** Regulation of Fli1 Gene Expression in Lupus
- **Sponsor:** NIH/NIDDK
- **Award:** 5 K01 DK072306-03 (07071075)
- **Budget Dates:** 09/01/07 - 08/31/08
- **Direct:** $108,680
- **F & A:** 8,694
- **Project Dates:** 09/01/05 - 08/31/08

### Principal Investigator
- **O'Brien, Paul**
- **Title:** Regulation of Fli1 Gene Expression in Lupus
- **Sponsor:** NIH/NIA
- **Award:** 5 R01 AG016583-10 (07061550-1)
- **Budget Dates:** 08/28/07 - 08/28/08
- **Direct:** $44,000
- **F & A:** 0
- **Project Dates:** 08/28/07 - 08/28/08

### Principal Investigator
- **O'Brien, Paul**
- **Title:** The Role of Fli1 in the Pathogenesis of Lupus
- **Sponsor:** NIH/NIA
- **Award:** 5 R03 AR053376-02 (08020707)
- **Budget Dates:** 08/28/07 - 08/28/08
- **Direct:** $49,000
- **F & A:** 22,540
- **Project Dates:** 08/28/07 - 08/28/08

### Principal Investigator
- **O'Brien, Paul**
- **Title:** A Multi-Center Treatment Protocol for Compassionate Use of Ipilimumab (BMS-734016) Monotherapy in Subjects with Unresectable Stage III or Stage IV Melanoma
- **Sponsor:** Bristol Myers Squibb
- **Award:** CA184-045 (08021346)
- **Budget Dates:** 01/31/08 - 02/04/13
- **Direct:** $7,700
- **F & A:** 1,300
- **Project Dates:** 01/31/08 - 02/04/13

### Principal Investigator
- **O'Brien, Paul**
- **Title:** Irbesartan in Heart Failure with Preserved Systolic Function (I-PRESERVE)
- **Sponsor:** Bristol Myers Squibb
- **Award:** CV131-148 (02052107)
- **Budget Dates:** 05/15/02 - 05/15/09
- **Direct:** $3,560
- **F & A:** 890
- **Project Dates:** 05/15/02 - 05/15/09

### Co-Investigator
- **O'Brien, Paul**
- **Title:** Load Induced Cardiac Hypertrophy in the Adult Mammal - Core E
- **Sponsor:** NIH/NHLBI
- **Total:** $35,225
- **Dept:** Medicine
- **Award:** 5 P01 HL048788-15 (07061438-6)
- **Project Dates:** 04/01/07 - 03/31/10
- **F & A:** 22,540

### Co-Investigator
- **O'Brien, Paul**
- **Title:** Load Induced Cardiac Hypertrophy in the Adult Mammal - Project 3
- **Sponsor:** NIH/NHLBI
- **Total:** $171,743
- **Dept:** Medicine
- **Award:** 5 P01 HL048788-15 (07061438-9)
- **Project Dates:** 04/01/07 - 03/31/10
- **F & A:** 22,540

### Principal Investigator
- **O'Brien, Paul**
- **Title:** A Randomized, Open-Label, Controlled-Phase II Trial of Combination Chemotherapy with or without Panitumumab as First-Line Treatment of Subjects with Metastatic or Recurrent Head and Neck Cancer, and Cross-Over Second-Line Panitumumab Monotherapy of Subjects Who Fail the Combination Chemotherapy Only Arm
- **Sponsor:** PPD Development
- **Award:** 20050236 (07031573)
- **Budget Dates:** 03/12/07 - 03/12/11
- **Direct:** $38,355
- **F & A:** 9,589
- **Project Dates:** 03/12/07 - 03/12/11

### Principal Investigator
- **O'Brien, Paul**
- **Title:** A Randomized, Open-Label, Phase II Study of BIBW 2992 versus Cetuximab (Erbitux) in Patients with Metastatic or Recurrent Head and Neck Squamous Cell Carcinoma (HNSCC) after Failure of Platinum-Containing Therapy with a Cross-Over Period for Progressing Patients
- **Sponsor:** Boehringer Ingelheim Pharmaceuticals
- **Award:** 1200.28 (08041444)
- **Budget Dates:** 04/25/08 - 04/24/13
- **Direct:** $79,694
- **F & A:** 18,174
- **Project Dates:** 04/25/08 - 04/24/13

### Principal Investigator
- **O'Brien, Paul**
- **Title:** A Randomized, Double-Blind, Placebo-Controlled, Multi-Center, Phase II/III Study to Evaluate the Efficacy and Safety of Rituximab in Subjects with Moderate to Severe Systemic Lupus Erythematosus Biomarkers of Reactive Nitrogen and Oxygen Stress as Risk Factors for Cardiovascular Disease in African-Americans with Lupus
- **Sponsor:** Genentech, Inc.
- **Award:** U2971g (05031487)
- **Budget Dates:** 03/08/05 - 12/31/09
- **Direct:** $33,579
- **F & A:** 8,395
- **Project Dates:** 03/08/05 - 12/31/09

### Principal Investigator
- **Oates, James**
- **Title:** A Randomized, Double-Blind, Placebo-Controlled, Multi-Center, Phase II/III Study to Evaluate the Efficacy and Safety of Rituximab in Subjects with Moderate to Severe Systemic Lupus Erythematosus Biomarkers of Reactive Nitrogen and Oxygen Stress as Risk Factors for Cardiovascular Disease in African-Americans with Lupus
- **Sponsor:** Genentech, Inc.
- **Award:** (07042204)
- **Budget Dates:** 10/01/07 - 09/30/08
- **Direct:** $133,000
- **F & A:** 0
- **Project Dates:** 10/01/07 - 09/30/08
## Services for Urine Biomarkers of Lupus Nephritis in Aspreva Lupus Management Study

**Sponsor:** VAMC  
**Budget Dates:** 10/01/07 - 09/30/08  
**Direct:** $50,516

### Double-Blind, Placebo-Controlled Multi-Center Study To Evaluate the Efficacy and Safety of Two Doses of Ocrelizumab in Patients with Active Systemic Lupus Erythematosus

**Sponsor:** Quintiles Pacific, Inc.  
**Budget Dates:** 01/10/08 - 06/30/11  
**Direct:** $618,476

### Oates, James

**Co-PI/Project Leader**  
**A Phase III, Randomized, Double-Blind, Placebo-Controlled, Multi-Center Study to Evaluate the Efficacy and Safety of Rituximab in Patients with Active Systemic Lupus Erythematosus**  
**PI:** Diane Kamen  
**Sponsor:** Genentech, Inc.  
**Total:** $22,010

### Obeid, Lina

**Principal Investigator**  
**Sphingosine Phosphate Role in Inflammation - Supplement**  
**Sponsor:** NIH/NIGMS  
**Budget Dates:** 09/01/07 - 08/31/08  
**Direct:** $27,244

### Ogawa, Makio

**Co-PI/Project Leader**  
**HSC-Derived Fibroblasts in Normal and Diseased Valves**  
**PI:** Christopher Drake  
**Sponsor:** NIH/NHLBI  
**Total:** $250,000

### Oswald, Cameron

**Co-Investigator**  
**Ryan White Title II Funds**  
**PI:** J. Cantey  
**Sponsor:** SC DHEC  
**Total:** $151,612
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<td>Pannu, Jaspreet</td>
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<td>An Animal Model for Kaposi's Sarcoma</td>
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<td>South Carolina COBRE for Oral Health Research - Project 6: Function of Sparc in the Regulation of Collagen in the Periodontal Ligam</td>
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<td>Medullary Kinins Attenuate the Antinatriuretic Action of Angiotensin II</td>
<td>Dialysis Clinics, Inc.</td>
<td>08/01/05 - 12/31/07</td>
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<td>A Multi-Center, Randomized, Double-Blind Study to Evaluate the Efficacy and Safety of Sitagliptin Versus Glipizide in Patients with Type 2 Diabetes Mellitus and Chronic Renal Insufficiency Who Have Inadequate Glycemic Control</td>
<td>Merck</td>
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<td>Randomized, Multi-National, Double-Blind Study Comparing a High Loading Dose Regimen of Clopidogrel Versus Standard Dose in Patients with Unstable Angina or noST Segment Elevation Myocardial Infarction Managed with an Early Invasive Strategy</td>
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<td>Roles for Calmodulin in 5-HT Receptor Function</td>
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**Department:** Stomatology

**Dept:** Medicine

**Award:** 5 P20 RR017696-07 (08041439-9)

**Co-Investigator**

**Raymond, John**

**Mechanisms of Regulation of NHE-1**

**Training Grant in Glomerular Function and Disease - Supplement**

**Raymond, John**

**Medullary Kinins Attenuate the Antinatriuretic Action of Angiotensin II**

**Plots, David**

**Medullary Kinins Attenuate the Antinatriuretic Action of Angiotensin II**

**A Multi-Center, Randomized, Double-Blind Study to Evaluate the Efficacy and Safety of Sitagliptin Versus Glipizide in Patients with Type 2 Diabetes Mellitus and Chronic Renal Insufficiency Who Have Inadequate Glycemic Control**

**Powers, Eric**

**Interventional Cardiology Fellowship Program**

**Randomized, Multi-National, Double-Blind Study Comparing a High Loading Dose Regimen of Clopidogrel Versus Standard Dose in Patients with Unstable Angina or noST Segment Elevation Myocardial Infarction Managed with an Early Invasive Strategy**

**Powers, Eric**

**Interventional Cardiology Fellowship Program**

**Randomized, Multi-National, Double-Blind Study Comparing a High Loading Dose Regimen of Clopidogrel Versus Standard Dose in Patients with Unstable Angina or noST Segment Elevation Myocardial Infarction Managed with an Early Invasive Strategy**

**Raymond, John**

**Inflammatory Mediators of Glomerular Disease (REAP)**

**Roles for Calmodulin in 5-HT Receptor Function**

**Mechanisms of Regulation of NHE-1**

**Training Grant in Glomerular Function and Disease - Supplement**
Reuben, Adrian

The Early Use of Sanvar with Endoscopic Treatment for the Control of Acute Variceal Bleeding Due to Portal Hypertension

Sponsor: Debiovision, Inc.
Award: DEB-VAP/EVB-301 (06062721)

A Multi-Center Study of Acute Liver Failure in Adults

Sponsor: UT Southwestern Med. Ctr.
Award: GMO-500816 (08010732)

A Double-Blind, Randomized, Placebo-Controlled, Parallel-Group Study of Rimonabant 20 mg Daily for the Treatment of Non-Diabetic Patients with Nonalcoholic Steatohepatitis (NASH)

Sponsor: Sanofi-Aventis US, Inc.
Award: EFCT10143 (08022603)

A Double-Blind, Randomized, Placebo-Controlled, Parallel-Group Study of Rimonabant 20mg Daily for the Treatment of Type 2 Diabetic Patients with Nonalcoholic Steatohepatitis (NASH)

Sponsor: Sanofi-Aventis US, Inc.
Award: EFCT10144 (08022604)

TPL104054: A Randomized, Double-Blind, Placebo-Controlled, Multi-Center Study to Evaluate the Safety and Efficacy of Eltrombopag to Reduce the Need for Platelet Transfusion in Thrombocytopenic Subjects with Chronic Liver Disease Undergoing Elective Invasive Procedures

Sponsor: GlaxoSmithKline
Award: TPL104054 (08051983)

Romagnuolo, Joseph

Contrast Enhanced Endoscopic Ultrasound (CE-EUS) for Imaging Pancreatic Masses, Mediastinal/Abdominal Lymphadenopathy and Liver Lesions

Sponsor: Bristol Myers Squibb
Award: 27024 (07100999)

Sahn, Steven

A Comparison of Ipratropium Bromide/Salbutamol Delivered by the Respimat Inhaler to COMBIVENT Inhalation Aerosol and Ipratropium Bromide Respiimat in a 12-Week, Double-Blind, Safety and Efficacy Study in Adults with Chronic Obstructive Pulmonary Disease

Sponsor: Boehringer Ingelheim Pharmaceuticals
Award: 1012.56 (07022256)

Randomized, Double-Blind, Placebo, Parallel-Group Study to Assess the Efficacy and Safety of 4 Weeks of Once Daily Treatment of Orally Inhaled BI 1744 CL (2 mg, 5mg, 10 mg, 20 mg) Delivered by Respimat Inhaler in Patients with COPD

Sponsor: Boehringer Ingelheim Pharmaceuticals
Award: 1222.5 (07070448)

FDI-02 Evaluation of Multiple Biomarkers in Serum and Pleural Fluid to Estimate the Probability of Cancer in Patients Presenting with a Pleural Effusion

Sponsor: Fujierebio Diagnostics, Inc.
Award: FDI-02 (07072547)

A 26-Week Treatment, Multi-Center, Randomized, Double-Blind, Placebo-Controlled, Adaptive, Seamless, Parallel-Group Study to Assess the Efficacy, Safety and Tolerability of Two Doses of Indacaterol in Patients with Chronic Obstructive Pulmonary Disease Using Blinded Formoterol and Open-Label Tiotropium as Active Controls

Sponsor: Novartis Corp.
Award: QAB149B 2335S (07081098)
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<td>Salgado, Cassandra</td>
<td>A Multi-National, Multi-Center, Double-Blind, Randomized, Parallel-Group Study to Compare the Safety and Efficacy of 200mg PAR-101 Taken q12h with 125mg Vancomycin Taken q6h for Ten Days in Subjects with Clostridium Difficile-Associated Diarrhea</td>
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<td>Load Induced Cardiac Hypertrophy in the Adult Mammal - Core E</td>
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<td>Providing Evidence of MRSA Clonal Spread to Healthcare Workers to Control Nosocomial Spread of the Organism</td>
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<td>Complement in the Pathogenesis of Autoimmune Arthritis</td>
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<td>DHEC HIV Testing in Hospital Emergency Departments</td>
<td>Sponsor: SC DHEC</td>
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<td>SPORE in Lung Cancer</td>
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<td>Co-Investigator</td>
<td>A Randomized, Phase III Trial of ABI-007 and Carboplatin Compared with Taxol and Carboplatin as First-Line Therapy in Patients with Advanced Non-Small Cell Lung Cancer (NSCLC)</td>
<td>Sponsor: Abbaxis Bioscience, LLC</td>
<td>Project Dates: 03/28/08 - 09/29/08</td>
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| Co-Investigator        | A Multinational, Randomized, Double-Blind, Placebo and Active-Controlled, Parallel-Group Efficacy and Safety Comparison Over 24 Weeks of Three Doses of BEA 2180 to Tiotropium 5 mg and Placebo Delivered by the Respimat Inhaler in Patients with Chronic Obstructive Pulmonary Disease | Sponsor: Boehringer Ingelheim Pharmaceuticals | Project Dates: 01/15/08 - 03/15/08 | $132,473|
| Co-Investigator        | An Open-Label Extension Study of the Long-Term Safety of Pirfenidone in Patients with Idiopathic Pulmonary Fibrosis (IPF) Who Complete the CAPACITY Studies | Sponsor: Intermune, Inc. | Project Dates: 05/06/08 - 05/18/09 | $323,075|
| Co-Investigator        | Providing Evidence of MRSA Clonal Spread to Healthcare Workers to Control Nosocomial Spread of the Organism | Sponsor: Infectious Diseases Society of America | Project Dates: 01/01/08 - 12/31/08 | 24,000 |
| Co-Investigator        | Complement in the Pathogenesis of Autoimmune Arthritis              | Sponsor: Univ. of Colorado | Project Dates: 01/01/08 - 12/31/08 | 41,720 |
| Co-Investigator        | DHEC HIV Testing in Hospital Emergency Departments                 | Sponsor: SC DHEC | Project Dates: 03/28/08 - 09/29/08 | 74,800 |
| Co-Investigator        | SPORE in Lung Cancer                                                | Sponsor: Univ. of Colorado | Project Dates: 03/28/08 - 09/29/10 | 167,599|
| Co-Investigator        | A Randomized, Phase III Trial of ABI-007 and Carboplatin Compared with Taxol and Carboplatin as First-Line Therapy in Patients with Advanced Non-Small Cell Lung Cancer (NSCLC) | Sponsor: Abbaxis Bioscience, LLC | Project Dates: 03/28/08 - 09/29/10 | 183,418|

Sharma, Girish

Shepard, Michelle

Sherman, Carol
Shirai, Keisuke

**Principal Investigator**

**Phase II Study of Neoadjuvant Treatment with NOV-002 in Combination with Doxorubicin and Cyclosphamide Followed by Docetaxel in Patients with Stages IIB-IIIC Breast Cancer**

*Sponsor:* NovoSource Therapeutics, Inc.

*Budget Dates:* 01/03/07 - 01/03/11

*Direct:* $34,500

*Award:* NOV-002 (07010383)

*Project Dates:* 01/03/07 - 01/03/11

*F & A:* $8,625

Silver, Richard

**Principal Investigator**

**2008 Pfizer Visiting Professorship - Dr. Ramsey-Goldman**

*Sponsor:* Pfizer, Inc.

*Budget Dates:* 06/01/08 - 05/31/09

*Direct:* $7,500

*Award:* Visiting Professor - Rams (08061959)

*Project Dates:* 06/01/08 - 05/31/09

*F & A:* 0

Silverstri, Gerard

**Principal Investigator**

**Computer-Aided Cancer Management**

*Sponsor:* DOD

*Budget Dates:* 09/01/07 - 08/31/08

*Direct:* $434,255

*Award:* W81XWH-05-1-0378 (04070126)

*Project Dates:* 09/01/06 - 08/31/09

*K24 Mid-Career Investigator Award in Patient-Oriented Research**

*Sponsor:* NIH/NCI

*Budget Dates:* 07/01/07 - 06/30/08

*Direct:* $99,345

*Award:* 1 K24 CA120494-01A1 (06030107)

*Project Dates:* 07/01/07 - 06/30/12

*Sponsor:* NIH/NIAMS

*Total:* $113,351

*Department:* Medicine

*Award:* 5 K01 AR051052-04 (08031414-1)

Smith, Edwin

**Principal Investigator**

**Treatment of Early Aggressive Rheumatoid Arthritis (TEAR)**

*Sponsor:* Univ. of Alabama

*Budget Dates:* 03/01/04 - 09/30/08

*Direct:* $21,634

*Award:* (04021205)

*Project Dates:* 03/01/04 - 09/30/08

*F & A:* $5,409

**Long-Term Bosentan, Open-Label Extension of RAPIDS-2 Study in Systemic Sclerosis Patients with Ischemic Digital Ulcers**

*Sponsor:* Actelion Pharmaceuticals

*Budget Dates:* 05/27/04 - 12/31/09

*Direct:* $3,059

*Award:* PROTOCOL#AC-052-333 (04062111)

*Project Dates:* 05/27/04 - 12/31/09

*F & A:* 765

**Continuation of the Consortium for the Longitudinal Evaluation of African-Americans with Early Rheumatoid Arthritis (CLEAR)**

*Sponsor:* Univ. of Alabama, Birmingham

*Budget Dates:* 09/30/07 - 09/29/08

*Direct:* $33,452

*Award:* UAB# N01-AR-6-2278 (06041460)

*Project Dates:* 09/30/06 - 09/29/08

*F & A:* 15,388

**Joint MRI to Validate Clinical Remission Criteria in Early RA**

*Sponsor:* Univ. of California, Los Angeles

*Budget Dates:* 07/01/07 - 06/30/09

*Direct:* $2,445

*Award:* 1563 G JB482 (07101220)

*Project Dates:* 07/01/07 - 06/30/09

*F & A:* 196

**A Study of a Topical Formulation of Nitroglycerin, MQX-503, and Matching Vehicle in the Treatment and Prevention of Raynaud's Phenomenon**

*Sponsor:* MediQuest Therapeutics, Inc.

*Budget Dates:* 11/15/07 - 10/15/08

*Direct:* $167,952

*Award:* 07-005 (07111339)

*Project Dates:* 11/15/07 - 10/15/08

*F & A:* 41,113

Siskind, Leah

**Other**

**Mitochondrial Ceramide in Chemotherapy-Induced Apoptosis**

*Pl:* Lina Obeid

*Sponsor:* NIH/NIA

*Total:* $189,636

*Department:* Medicine

*Award:* 5 R01 AG016583-10 (07061550-1)

Smith, Edwin

**Principal Investigator**

**Oral Health in People with Systemic Sclerosis**

*Pl:* Hon Yuen

*Sponsor:* NIH/NIDCR

*Total:* $125,000

*Department:* Rehabilitation Sciences

*Award:* 1 R21 DE017360-01A2 (06102577-1)
<table>
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<tr>
<th>Principal Investigator</th>
<th>Mechanism of H Pylori-Induced Hypochlorhydria</th>
<th>Budget Dates: 03/01/08 - 02/28/09</th>
<th>Direct: $171,608</th>
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<tbody>
<tr>
<td>Sponsor: NIH/NIDDK</td>
<td>Award: 5 R01 DK064371-04 (08011680)</td>
<td>Project Dates: 03/15/05 - 02/28/09</td>
<td>F &amp; A: $74,198</td>
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**Smolka, Adam**

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<tr>
<th>Principal Investigator</th>
<th>Epidemiology of Diabetes Intervention and Complications - Clinical Coordinating Center (EDIC/CCC)</th>
<th>Budget Dates: 05/01/07 - 02/29/08</th>
<th>Direct: $111,794</th>
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<tr>
<td>Sponsor: Case Western Reserve Univ.</td>
<td>Award: N01-DK-6-2203 (07032201)</td>
<td>Project Dates: 03/15/05 - 02/29/16</td>
<td>F &amp; A: $18,974</td>
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**Soule, Jeremy**

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<tr>
<th>Principal Investigator</th>
<th>Localization and Function of the nNOS/Alpha Syntrophin Complex in the Heart</th>
<th>Budget Dates: 07/01/07 - 06/30/08</th>
<th>Direct: $59,091</th>
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<tr>
<td>Sponsor: Amer. Heart Assoc.</td>
<td>Award: 0535043N (06041046)</td>
<td>Project Dates: 07/01/05 - 06/30/09</td>
<td>F &amp; A: $5,909</td>
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**Stenbit, Antine**

<table>
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<tr>
<th>Principal Investigator</th>
<th>Randomized, Double-Blind, Placebo-Controlled, Multi-Center Study to Evaluate the Safety and Efficacy of Inhaled Ciprofloxacin Compared to Placebo in Subjects with Cystic Fibrosis</th>
<th>Budget Dates: 04/25/08 - 04/30/09</th>
<th>Direct: $150,029</th>
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<tr>
<td>Sponsor: PPD Development</td>
<td>Award: 12429 (08050129)</td>
<td>Project Dates: 04/25/08 - 04/30/09</td>
<td>F &amp; A: $36,882</td>
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**Strange, Charlie**

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<tr>
<th>Principal Investigator</th>
<th>Phase 2 Study of the 20 ml Biologic Lung Volume Reduction System (BLVR) in Patients with Advanced Upper Lobe Predominant Emphysema</th>
<th>Budget Dates: 07/02/07 - 06/30/09</th>
<th>Direct: $66,263</th>
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<tr>
<td>Sponsor: Aers Therapeutics, Inc.</td>
<td>Award: 01-C07-001 (07070340)</td>
<td>Project Dates: 07/02/07 - 06/30/09</td>
<td>F &amp; A: $15,941</td>
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**Stuart, Robert**

<table>
<thead>
<tr>
<th>Principal Investigator</th>
<th>A Phase III, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Efficacy and Safety of Prochymal (Ex-vivo Cultured Adult Human Nescnchalmy Stem Cells) Infusion for the Treatment of Steroid-Refractory Acute GVHD</th>
<th>Budget Dates: 01/09/07 - 01/09/11</th>
<th>Direct: $7,680</th>
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<td>Sponsor: Quintiles Pacific, Inc.</td>
<td>Award: 280 (06121540)</td>
<td>Project Dates: 01/09/07 - 01/09/11</td>
<td>F &amp; A: $1,920</td>
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<table>
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<tr>
<th>Principal Investigator</th>
<th>A Phase I, Open-Label, Single-Arm, Dose-Escalation Study to Evaluate the Safety, Tolerability, and Antitumor Activity of Continuous Intravenous Infusion of the Bispecific T-Cell Engager MEDI-538 in Adults with B-Cell Non-Hodgkin’s Lymphoma not Eligible for Curative Therapy</th>
<th>Budget Dates: 05/15/07 - 05/30/12</th>
<th>Direct: $5,129</th>
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<td>Sponsor: Medimmune, Inc.</td>
<td>Award: MI-CP137 (07051601)</td>
<td>Project Dates: 05/15/07 - 05/30/12</td>
<td>F &amp; A: $1,282</td>
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</tbody>
</table>
A Phase III, Randomized, Double-Blind, Controlled Study Comparing Clofarabine and Cytarabine versus Cytarabine Alone in Adult Patients >/= 60 Years Old with Acute Myelogenous Leukemia (AML) who have Relapsed or are Refractory after Receiving Up to Two Prior Induction Regimens

Sponsor: Genzyme Corp.  
Award: CLO34100405 (07061436)  
Budget Dates: 06/13/07 - 06/20/12  
Direct: $ 225,482

Sturdivant, Lacy  
Principal Investigator

The Study of One Lead Defibrillation Efficacy (SOLO)

Sponsor: Medtronic, Inc.  
Award: SOLO (07071081)  
Budget Dates: 08/09/07 - 12/31/08  
Direct: $ 16,676

Sturdivant, Rachel  
Principal Investigator

A Phase III, Randomized, Double-Blind, Placebo-Controlled Study of AST-120 for Prevention of Chronic Kidney Disease Progression in Patients with Moderate to Severe Chronic Kidney Disease Including Assessment of Quality of Life

Sponsor: Pharmasset  
Award: KRM-307 (07071927)  
Budget Dates: 08/08/07 - 07/31/11  
Direct: $ 83,435

Taylor, Marian  
Principal Investigator

Zyban as an Effective Smoking Cessation Aid for Patients Following an Acute Coronary Syndrome: The ZESCA Trial

Sponsor: Jewish General Hospital of Montreal  
Award: (08043010)  
Budget Dates: 04/01/08 - 03/01/09  
Direct: $ 20,000

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  
Award: P04737 (07112862)  
Budget Dates: 09/01/07 - 11/30/10  
Direct: $ 442,800

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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: $168,780

Award: NC20971 (08020169)  
Project Dates: 03/04/08 - 03/01/11  
F & A: $41,320

Principal Investigator  
Thomas, Melanie  
Gastro-Esophageal Malignancy: Endowed Professorships

Sponsor: SC Research Centers of Economic Excellence  
Budget Dates: 07/01/07 - 06/30/08  
Direct: $1,664,499

Award: (06062512)  
Project Dates: 03/13/06 - 06/30/11  
F & A: $0

Principal Investigator  
Tourkina, Elena  
Anti-Fibrotic and Anti-Inflammatory Roles of Caveolin-1 in Lung Disease

Sponsor: NIH/NIAMS  
Budget Dates: 07/01/07 - 06/30/08  
Direct: $103,763

Award: 1 K01 AR054143-01A1 (06061982)  
Project Dates: 07/01/07 - 06/30/12  
F & A: $8,301

Principal Investigator  
Trojanowska, Maria  
The Molecular Mechanisms of Fibrosis

Sponsor: NIH/NIAMS  
Budget Dates: 04/03/08 - 03/31/09  
Direct: $220,000

Award: 2 R01 AR042334-14 (07071297)  
Project Dates: 04/01/08 - 03/31/13  
F & A: $101,200

The Role of Fli 1 in Scleroderma Vasculopathy

Sponsor: Scleroderma Fdn.  
Budget Dates: 01/31/08 - 03/31/08  
Direct: $69,444

Award: (07091183)  
Project Dates: 01/31/08 - 03/31/08  
F & A: $5,556

Co-PI/Project Leader  
Role of Ets Genes in Transformation and Differentiation - Project 3: Fli1 and Etx1 in Stromal Activation in Breast Cancer

Pl: Dennis Watson  
Dept: Pathology and Laboratory Medicine  
Sponsor: NIH/NCI  
Total: $182,000

Award: 5 P01 CA078582-09 (08022833-4)

Co-Investigator  
Lipoproteins, CTGF and Diabetic Vascular and Renal Disease

Pl: Ayad Jaffa  
Dept: Medicine  
Sponsor: NIH/NHLBI  
Total: $242,750

Award: 5 R01 HL077192-03 (07120627-1)

Mechanism of H Pylori-Induced Hypochlorhydria

Pl: Adam Smolka  
Dept: Medicine  
Sponsor: NIH/NIDDK  
Total: $171,608

Award: 5 R01 DK064371-04 (08030448-1)

VHL and FGFR Signaling in Angiogenesis

Pl: Tien Hsu  
Dept: Pathology and Laboratory Medicine  
Sponsor: NIH/NCI  
Total: $194,376

Award: 5 R01 CA109860-05 (07120627-1)

Mentor  
mTOR and the Regulation of Collagen Synthesis

Pl: Andreea Bujor  
Dept: Medicine  
Sponsor: Arthritis Fdn.  
Total: $50,000

Award: (07042626-1)

Principal Investigator  
Van Bakel, Adrian  
Transplant-Eligible Patient Management for Congestive Heart Failure (TMAC) with Continuous Infusion of Placebo or Nesiritide

Sponsor: PPD Development  
Budget Dates: 07/11/06 - 09/30/08  
Direct: $2,000

Award: A051 (06081470)  
Project Dates: 07/11/06 - 09/30/08  
F & A: $500

A Multi-Center, Randomized, Double-Blind, Placebo-Controlled Study of the Effects of KW-3902 Injectable Emulsion on Heart Failure Signs and Symptoms and Renal Function in Subjects with Acute Heart Failure Syndrome and Renal Impairment Who are Hospitalized for Volume Overload and Require Intravenous Diuretic Therapy (PROTECT)

Sponsor: Duke Univ.  
Budget Dates: 12/06/06 - 12/05/09  
Direct: $7,680

Award: C01-301 (06102684)  
Project Dates: 12/06/06 - 12/05/09  
F & A: $1,920

Correlation of Intrathoracic Impedance Measures with Blood and Plasma Volume in Congestive Heart Failure

Sponsor: Medtronic, Inc.  
Budget Dates: 03/01/07 - 03/02/09  
Direct: $5,525

Award: Optimal (07030103)  
Project Dates: 03/01/07 - 03/02/09  
F & A: $0
**Medical University of South Carolina College of Medicine**

**Research Faculty Activity**

**Double-Blind, Placebo-Controlled, Multi-Center Acute Study of Clinical Effectiveness of Nesiritide in Subjects with Decompensated Heart Failure (ASCEND HF)**
- **Sponsor:** Cleveland Clinic Fdn.
- **Award:** A.093 ASCEND HF (07061230)
- **Budget Dates:** 06/06/07 - 08/31/10
- **Direct:** $6,000
- **F & A:** 1,500

**A Facilitated Access Program to Provide Everolimus for Maintenance Patients Completing Therapy in RAD trails in Solid Organ Transplantation**
- **Sponsor:** Novartis Corp.
- **Award:** RAD001 A2401 (08031295)
- **Budget Dates:** 01/09/08 - 08/31/12
- **Direct:** $17,620
- **F & A:** 3,780

**The Balance Study: Treatment of Hyponatremia Based on Lixivaptan in NYHA Class III-IV Cardiac Patient Evaluation**
- **Sponsor:** Cardiokine
- **Award:** CK-LX3401 (BALANCE) (08050840)
- **Budget Dates:** 05/22/08 - 12/31/10
- **Direct:** $50,100
- **F & A:** 11,650

**Vela Aquino, Marcelo**

**Principal Investigator**

**Impedance pH and Electron Microscopy to Evaluate Endoscopy-Negative Reflux Disease**
- **Sponsor:** Amer. College of Gastroenterology
- **Award:** (07122801)
- **Budget Dates:** 07/01/07 - 06/30/09
- **Direct:** $75,000
- **F & A:** 0

**Velez, Juan Carlos**

**Principal Investigator**

**Non-Ace Pathways for Angiotensin II and Angiotensin-Derived Peptides Generation in Kidney Cells**
- **Sponsor:** DCI Paul Teschan Research Fund
- **Award:** (07070235)
- **Budget Dates:** 12/01/06 - 11/30/08
- **Direct:** $41,667
- **F & A:** 8,333

**A Multi-Center, Randomized, Double-Blind, Active-Controlled, Clinical Trial to Evaluate the Safety and Tolerability of 24 Weeks Treatment with Vildagliptin (50 mg qd or 100 mg qd) Versus Sitagliptin (25 mg qd) in Patients with Type 2 Diabetes and Severe Renal Insufficiency**
- **Sponsor:** Novartis Corp.
- **Award:** CLAF237A23138 (07092751)
- **Budget Dates:** 08/10/07 - 07/29/09
- **Direct:** $96,417
- **F & A:** 23,479

**A Multi-Center, Randomized, Double-Blind, Clinical Trial to Evaluate the Safety and Tolerability of 24 Weeks Treatment with Vildagliptin (50 mg qd or 100 mg qd) Versus Placebo in Patients with Type 2 Diabetes and Moderate Renal Insufficiency**
- **Sponsor:** Novartis Corp.
- **Award:** CLAF237A23137 (07101008)
- **Budget Dates:** 08/10/07 - 07/29/09
- **Direct:** $92,062
- **F & A:** 22,391

**The Role of Alternative Angiotensin Derived Peptides in Models of Kidney Disease**
- **Sponsor:** Dialysis Clinics, Inc.
- **Award:** c2909 (charleston-Azalea (08040177)
- **Budget Dates:** 05/01/08 - 04/30/11
- **Direct:** $91,728
- **F & A:** 0

**Wharton, J.**

**Principal Investigator**

**Persisten Atrial Fibrillation Feasibility Study Using the Gen2 Cardiac Ablation Study**
- **Sponsor:** St. Jude Medical, Inc.
- **Award:** 0721.2 (08072231)
- **Budget Dates:** 06/12/08 - 07/01/11
- **Direct:** $44,620
- **F & A:** 10,405

**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 - 07/31/10
- **Direct:** $24,000
- **F & A:** 6,000

**A Double-Blind, Randomized, Placebo-Controlled, Multi-Center Study to Assess the Safety and Efficacy of AST-120 in Mild to Moderately Active Crohn’s Patients with Fistulas**
- **Sponsor:** Ocera Therapeutics, Inc.
- **Award:** AST001-04 (07071926)
- **Budget Dates:** 07/31/07 - 07/30/09
- **Direct:** $33,503
- **F & A:** 7,626

**Open-Label, Long-Term, Clinical Trial Evaluating Efficacy and Safety of Chronic Therapy with Certolizumab Pegol, a PEGylated Fab Fragment of Humanized Antibody to Tumor Necrosis Factor Alpha (TNF) in Patients Suffering from Crohn’s Disease and Having Completed C87042 Study**
- **Sponsor:** UCB, Inc.
- **Award:** RPCE06C1511 (07100902)
- **Budget Dates:** 10/15/07 - 10/14/08
- **Direct:** $16,375
- **F & A:** 3,344

**Wray, Dannah**

**Co-Investigator**

**Ryan White Title II Funds**
- **PI:** J. Cantey
- **Dept:** Medicine
- **Sponsor:** SC DHEC
- **Award:** PO#627457 (07022145-3)
- **Total:** $151,612

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81
Ryan White Title II Funding
PI: J. Cantey Sponsor: SC DHEC Total: $ 1,559,803
Dept: Medicine Award: 627457 (08031072-1)

Zeng, Hai
Hematopoietic Origin of Mesenchymal Cells
PI: Makio Ogawa Sponsor: NIH/NIDDK Total: $ 212,500
Dept: Pathology and Laboratory Medicine Award: 1 R01 DK077821-01A1 (07020260-1)

Zhang, Xian
Principal Investigator
Impact of Fli-1 Expression on Lupus Disease Development
Sponsor: NIH/NIAMS Budget Dates: 09/01/07 - 08/31/08 Direct: $ 116,450
Award: 5 K01 AR051385-03 (07071079) Project Dates: 09/19/05 - 08/31/08 F & A: 9,316

Development of New Hybridomas against Tumor Antigens
Sponsor: Neogenix Oncology, Inc. Budget Dates: 04/01/08 - 09/30/09 Direct: $ 35,400
Award: (08032755) Project Dates: 04/01/08 - 09/30/09 F & A: 16,284

Mechanisms of Autoreactive B Cell Development in a Lupus Animal Model
Sponsor: NIH/NIAMS Award: 5 R03 AR054546-02 (08040603)

Zhang, Zhi-Ren
Co-Investigator
UAB Recessive PKD Research and Translational Core Center
PI: Phillip Bell Sponsor: Univ. of Alabama, BirminghamTotal: $ 100,080
Dept: Medicine Award: 5 P30 DK074038-03 (07071305-1)

Cellular Mechanisms for Tubuloglomerular Feedback
PI: Phillip Bell Sponsor: NIH/NIDDK Award: 5 R01 DK032032-23 (08011469-1)
Dept: Medicine

Zile, Michael
Principal Investigator
Diastolic Heart Failure: Role of the Extracellular Matrix
Sponsor: VAMC Budget Dates: 10/01/07 - 09/30/08 Direct: $ 125,000
Award: CARD-009-00F (03063026) Project Dates: 10/01/06 - 09/30/10 F & A: 0

Molecular Profiling Using Point-of-Care Plasma Protein Signatures in a South Carolina Statewide Network to Improve Cardiovascular Healthcare Quality and Effectiveness
Sponsor: Health Sciences SC Budget Dates: 07/02/07 - 06/30/08 Direct: $ 120,000
Award: (07061855) Project Dates: 07/02/07 - 06/30/08 F & A: 0

Preventing Heart Failure in South Carolina Rural Communities
Sponsor: Health Sciences SC Budget Dates: 11/06/07 - 12/01/10 Direct: $ 112,500
Award: 5999-SP (08032139) Project Dates: 11/06/07 - 12/01/10 F & A: 0

A Randomized, Double-Blind, Placebo-Controlled, Multiple-Dose Study to Evaluate the Effects of Alagebrium on Exercise in Subjects with Diastolic Heart Failure
Sponsor: Synvista Therapeutics, Inc. Budget Dates: 04/21/08 - 12/01/09 Direct: $ 25,716
Award: ALT-711-0530 (08041753) Project Dates: 04/21/08 - 12/01/09 F & A: 5,804

Molecular Proteomics in Cardiovascular Prevention and Treatment
Sponsor: SC Research Centers of Economic Excellence Budget Dates: 12/01/07 - 06/30/08 Direct: $ 3,590,047
Award: (08073167) Project Dates: 12/01/07 - 06/30/11 F & A: 0

Co-PI/Project Leader
Load Induced Cardiac Hypertrophy in the Adult Mammal - Core C
PI: George Cooper, IV Sponsor: NIH/NHLBI Total: $ 143,756
Dept: Medicine Award: 5 P01 HL048788-15 (07061438-4)

Load Induced Cardiac Hypertrophy in the Adult Mammal - Project 6
PI: George Cooper, IV Sponsor: NIH/NHLBI Total: $ 172,138
Dept: Medicine Award: 5 P01 HL048788-15 (07061438-12)

Co-Investigator
Load Induced Cardiac Hypertrophy in the Adult Mammal - Project 2
PI: George Cooper, IV Sponsor: NIH/NHLBI Total: $ 172,944
Dept: Medicine Award: 5 P01 HL048788-15 (07061438-8)
Biomarker Matrix for Heart Failure Detection and Prediction
PI: Francis Spinale  
Sponsor: Johnson and Johnson  
Total: $748,600

Zile, Michael
Significant Contributor
General Clinical Research Center
PI: Joseph Reves  
Sponsor: NIH/NCRR  
Total: $1,762,556

Zwerner, Peter
Principal Investigator
(RE-LY Study): Randomized Evaluation of Long Term Anticoagulant Therapy (RE-LY) Comparing the Efficacy and Safety of Two Blinded Doses of Dabigatran Exetilate with Open-Label Warfarin for the Prevention of Stroke and Systemic Embolism in Patients with Non-Valvular Atrial Fibrillation: Prospective, Multi-Center, Parallel-Group, Non-Inferiority Trial
Sponsor: Boehringer Ingelheim Pharmaceuticals  
Budget Dates: 01/26/06 - 01/25/09  
Direct: $3,920

Protocol CV 1850048: Apixaban Versus Acetylsalicylic Acid (ASA) to Prevent Stroke in Atrial Fibrillation Patients Who Have Failed or are Unsuitable for Vitamin K Antagonist Treatment: A Randomized, Double-Blind Trial
Sponsor: PPD Development  
Budget Dates: 03/27/08 - 12/31/13  
Direct: $118,929

Microbiology and Immunology
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.  
Budget Dates: 07/01/07 - 06/30/08  
Direct: $59,091

Dong, Jianyun
Principal Investigator
Personnel Agreement for Economic Development
Sponsor: Genphar, Inc.  
Budget Dates: 07/01/07 - 06/30/08  
Direct: $38,816

Haque, Azizul
Co-Investigator
Attenuation of Axonal Damage and Neuronal Death in EAE
PI: Naren Banik  
Sponsor: NIH/NINDS  
Total: $194,200

Calpain Activation of T Cells in Demyelinating Disease
PI: Naren Banik  
Sponsor: NIH/NINDS  
Total: $218,475

Kasman, Laura
Co-PI/Project Leader
Role of Mycobacteria in Sarcoidosis Immunopathogenesis
PI: Marc Judson  
Sponsor: Vanderbilt Univ.  
Total: $7,466

Investigation of the Role of Bacteria in the Sarcoidosis Trimolecular Complex
PI: Marc Judson  
Sponsor: Vanderbilt Univ.  
Total: $7,466

TRAIRL-Induced Apoptosis in Prostate Cancer
PI: Christina Voelkel-Johnson  
Sponsor: NIH/NCI  
Total: $170,673
### May, Harold

**Ethenologenic/Electricigenic Consolidated Bioprocessing of Cellulosic Biomass**  
**Sponsor:** MFC Technologies, LLC  
**Budget Dates:** 09/18/07 - 06/30/08  
**Direct:** $25,280  
**Award:** DE-FG02-07ER86319 (06111647)  
**Project Dates:** 09/18/07 - 06/30/08  
**F & A:** $6,320

### Norris, James

**Modulating Complement to Enhance Apoptosis-Based Therapy of Breast Cancer**  
**Pl:** Stephen Tomlinson  
**Dept:** Microbiology and Immunology  
**Sponsor:** DOD  
**Total:** $218,438  
**Award:** W81XWH-07-1-0332 (06052484-1)

**Training in Cancer Therapeutics**  
**Pl:** Kenneth Tew  
**Dept:** Cell and Molecular Pharmacology  
**Sponsor:** NIH/NCI  
**Total:** $151,908  
**Award:** 5 T32 CA119945-02 (07043036-1)

**Sphingolipids in Cancer Therapy and Angiogenesis - Project 2**  
**Pl:** Yusuf Hannun  
**Dept:** Biochemistry and Molecular Biology  
**Sponsor:** NIH/NCI  
**Total:** $160,802  
**Award:** 5 P01 CA097132-05 (07081719-3)

**Mentor**  
**An Animal Model for Kaposi's Sarcoma**  
**Pl:** Christopher Parsons  
**Dept:** Medicine  
**Sponsor:** NIH/NCI  
**Total:** $123,225  
**Award:** 5 K08 CA103858-04 (07071606-1)

### Pandey, Janardan

**Epistatic Effects of FcgammaR and Fc (GM) Genes in Breast Cancer**  
**Sponsor:** DOD/US Army  
**Budget Dates:** 06/01/08 - 05/31/09  
**Direct:** $100,000  
**Award:** W81XWH-08-1-0373 (07052112)  
**Project Dates:** 06/01/08 - 06/30/11  
**F & A:** $46,000

**Investigation of Immunoglobulin (Ig) GM and KM Gene Polymorphisms in Susceptibility to and Pathogenesis of Malaria and HIV in Children and Pregnant Women in Kenya**  
**Sponsor:** CDC  
**Budget Dates:** 08/01/07 - 07/31/08  
**Direct:** $83,402  
**Award:** 200-2007-M-21441/Amd. 1 (07053171)  
**Project Dates:** 08/01/07 - 07/31/08  
**F & A:** $4,170

**Immunoglobulin Allotypes in Hepatitis C Virus Infection**  
**Sponsor:** NIH/NIDDK  
**Budget Dates:** 03/01/08 - 02/28/09  
**Direct:** $128,011  
**Award:** 5 R01 DK070877-03 (08010939)  
**Project Dates:** 03/01/08 - 02/28/09  
**F & A:** $58,885

### Rapisardo, Michelle

**Complement and Immunotherapy of Breast Cancer**  
**Sponsor:** DOD  
**Budget Dates:** 10/16/07 - 10/15/08  
**Direct:** $30,000  
**Award:** W81XWH-06-1-0768 (07091075)  
**Project Dates:** 09/15/06 - 10/15/09  
**F & A:** $2,122

### Rubinchik, Semyon

**Development of Human Monoclonal Antibodies for Neutralization of Avian Influenza Virus (H5N1) and for Use in Diagnosis**  
**Pl:** Natalie Sutkowski  
**Dept:** Microbiology and Immunology  
**Sponsor:** MITRE Corp.  
**Total:** $217,988  
**Award:** W81XWH-06-1-0768 (07091075)  
**Project Dates:** 09/15/06 - 10/15/09  
**F & A:** $2,122

**Creation of Potentially Therapeutic Human Monoclonal Antibodies In Vitro**  
**Pl:** Natalie Sutkowski  
**Dept:** Microbiology and Immunology  
**Sponsor:** MUSC Fdn. for Research Dev  
**Total:** $30,000  
**Award:** 5 R01 DK070877-03 (08010939)  
**Project Dates:** 03/01/08 - 02/28/09  
**F & A:** $58,885

**Creation of Potentially Therapeutic Human Monoclonal Antibodies In Vitro-SC Launch**  
**Pl:** Natalie Sutkowski  
**Dept:** Microbiology and Immunology  
**Sponsor:** SC Research Authority  
**Total:** $50,000  
**Award:** Task Order #040 (08040389-1)
Schmidt, Michael

**Principal Investigator**

**Copper Antimicrobial Research Program (CAP)**
Sponsor: Advanced Technology Institute  
Award: 2007-614/W81XWH-07-C-0053 (06080232)  
Budget Dates: 05/01/07 - 07/30/08  
Direct: $ 345,286

**Copper Air Quality Program (CAQP)**
Sponsor: Advanced Technology Institute  
Award: 2007-617 (06102056)  
Budget Dates: 05/01/07 - 07/30/08  
Direct: $ 92,628

**Rickover Fellowships in Nuclear Engineering**
Sponsor: SCUREF  
Award: IDNE005/DE-FG07-05ID14692 (06110725)  
Budget Dates: 05/01/07 - 09/14/10  
Direct: $ 600,115

**Radiochemistry Education Award and Junior Faculty Programs (REAP)**
Sponsor: SCUREF  
Award: IDNE006/DE-FG07-05ID14692 (06110932)  
Budget Dates: 05/01/07 - 09/14/10  
Direct: $ 498,238

**Nuclear Engineering and Health Physics Fellowship and Scholarship Program (NEHP)**
Sponsor: SCUREF  
Award: IDNE001/DE-FG07-05ID14692 (06110933)  
Budget Dates: 05/01/07 - 09/14/10  
Direct: $ 851,559

**Management of the Nuclear Energy Research Advisory Committee (NERAC)**
Sponsor: SCUREF  
Award: IDNE002/DE-FG07-05ID14692 (07081096)  
Budget Dates: 05/01/07 - 09/14/10  
Direct: $ 143,711

**Savannah River Site Internship and Faculty Participants (I and FP) Program Support**
Sponsor: SCUREF  
Award: 53519 (08060582)  
Budget Dates: 06/01/06 - 06/30/09  
Direct: $ 17,425

Co-Investigator

**Protection of Steatotic Livers from Primary Nonfunction**
PI: Kenneth Chavin  
Dept: Surgery  
Sponsor: NIH/NIDDK  
Award: S R01 DK069369-02 (07060814-1)  
Total: $ 199,055

**Bioterrorism Hospital Preparedness Program**
PI: David Garr  
Dept: SC AHEC  
Sponsor: SC DHEC  
Award: ER-07-002 (07121035-1)  
Total: $ 24,074

**General Volunteer Training for ESAR-VIP**
PI: D. Kennedy  
Dept: SC AHEC  
Sponsor: SC DHEC  
Award: 692184 (07080174-1)  
Total: $ 46,296

Sutkowski, Natalie

**Principal Investigator**

**Development of Human Monoclonal Antibodies for Neutralization of Avian Influenza Virus (H5N1) and for Use in Diagnosis**
Sponsor: MITRE Corp.  
Award: 67568 (07092645)  
Budget Dates: 10/01/07 - 09/30/08  
Direct: $ 217,988

**Creation of Potentially Therapeutic Human Monoclonal Antibodies In Vitro**
Sponsor: MUSC Fdn. for Research Development  
Award: (08031302)  
Budget Dates: 03/07/08 - 07/15/08  
Direct: $ 30,000

**Creation of Potentially Therapeutic Human Monoclonal Antibodies In Vitro-SC Launch**
Sponsor: SC Research Authority  
Award: Task Order #040 (08040389)  
Budget Dates: 03/07/08 - 07/15/08  
Direct: $ 50,000

Tomlinson, Stephen

**Principal Investigator**

**Complement Inhibitory Therapy of Lupus**
Sponsor: DOD  
Award: W81XWH-07-1-0161 (06051858)  
Budget Dates: 04/01/08 - 04/30/09  
Direct: $ 157,170

**Modulating Complement to Enhance Apoptosis-Based Therapy of Breast Cancer**
Sponsor: DOD  
Award: W81XWH-07-1-0332 (06052484)  
Budget Dates: 07/01/07 - 06/30/09  
Direct: $ 218,438

Annual Report for Research FY2008 85
### Role of Complement in Brain Death Induced Injury to Donor Hearts

**Sponsor:** NIH/NHLBI  
**Budget Dates:** 08/01/07 - 07/31/08  
**Direct:** $271,459  
**F & A:** $113,338  
**Award:** 1 R01 HL08576-01A1 (06100917)  
**Project Dates:** 08/01/07 - 07/31/11

### Targeting Complement Inhibitors to the Human Proximal Tubule

**Sponsor:** Univ. of Chicago  
**Budget Dates:** 07/01/07 - 06/30/08  
**Direct:** $58,260  
**F & A:** $26,800  
**Award:** 32675/1R21DK074012-02 (07091390)  
**Project Dates:** 07/01/06 - 06/30/08

### Controlling Complement in Cerebral Ischemic Injury

**Sponsor:** NIH/NHLBI  
**Budget Dates:** 12/01/07 - 11/30/08  
**Direct:** $218,475  
**F & A:** $100,499  
**Award:** 5 R01 HL082485-03 (07101222)  
**Project Dates:** 12/01/05 - 11/30/10

### Targeting Complement Inhibitors to the Human Proximal Tubule

**Sponsor:** NIH/NHLBI  
**Budget Dates:** 08/01/07 - 07/31/08  
**Direct:** $271,459  
**F & A:** $113,338  
**Award:** 1 R01 HL08576-01A1 (06100917)  
**Project Dates:** 08/01/07 - 07/31/11

### Controling Complement in Cerebral Ischemic Injury

**Sponsor:** NIH/NHLBI  
**Budget Dates:** 12/01/07 - 11/30/08  
**Direct:** $218,475  
**F & A:** $100,499  
**Award:** 5 R01 HL082485-03 (07101222)  
**Project Dates:** 12/01/05 - 11/30/10

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### Varela, Juan

#### Minority Predoctoral Fellowship Program

**Sponsor:** NIH/NCI  
**Budget Dates:** 09/30/07 - 09/29/08  
**Direct:** $34,857  
**F & A:** $0  
**Award:** 5 F31 CA113269-04 (07062072)  
**Project Dates:** 09/30/04 - 09/29/09

### Virella, Gabriel

#### Medical University of South Carolina AIDS Symposium

**Sponsor:** Gilead Sciences, Inc.  
**Budget Dates:** 04/01/05 - 03/31/09  
**Direct:** $6,500  
**F & A:** $0  
**Award:** (05042753)  
**Project Dates:** 04/01/05 - 03/31/09

### Research and Development

**Sponsor:** VAMC  
**Budget Dates:** 09/30/07 - 09/29/08  
**Direct:** $10,000  
**F & A:** $0  
**Award:** 534-D77125 (08051243)  
**Project Dates:** 09/30/07 - 09/29/08

### Co-PI/Project Leader

**Immune Mechanisms of Nephropathy in Type 1 Diabetes**  
**PI:** Maria Lopes-Virella  
**Dept:** Medicine  
**Total:** $150,000  
**Award:** 1-2006-49 (08011896-1)

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### Voelkel-Johnson, Christina

#### TRAIL-Induced Apoptosis in Prostate Cancer

**Sponsor:** NIH/NCI  
**Budget Dates:** 03/01/08 - 02/28/09  
**Direct:** $170,673  
**F & A:** $78,509  
**Award:** 5 R01 CA102218-05 (08011461)  
**Project Dates:** 04/01/04 - 02/28/09

### Neurosciences

#### Adams, Robert

#### REACH-MD PILOT: Telemedicine/Stroke Care System

**Sponsor:** Health Sciences SC  
**Budget Dates:** 08/01/07 - 10/31/08  
**Direct:** $220,000  
**F & A:** $0  
**Award:** (07080787)  
**Project Dates:** 08/01/07 - 10/31/08

#### Pediatric Hydroxyurea Phase II Clinical Trial (Baby Hug)

**Sponsor:** Clinical Trials and Surveys Corp.  
**Budget Dates:** 08/01/07 - 10/31/08  
**Direct:** $110,377  
**F & A:** $50,773  
**Award:** PO #7252781/U01HL07878 (07120628)  
**Project Dates:** 08/01/07 - 10/31/08

#### Stroke with Transfusions Changing to Hydroxyurea (SWITCH)

**Sponsor:** St. Jude Childrens Hospital  
**Budget Dates:** 08/01/07 - 07/31/08  
**Direct:** $86,696  
**F & A:** $39,880  
**Award:** 7 R01 HL072946-04 (08011681)  
**Project Dates:** 08/01/07 - 07/31/08

#### TCD Ultrasound of Subjects Enrolled in Baby Hug

**Sponsor:** NIH/NHLBI  
**Budget Dates:** 08/01/07 - 06/30/08  
**Direct:** $161,644  
**F & A:** $74,356  
**Award:** 7 R01 HL052193-11 (08011683)  
**Project Dates:** 07/15/94 - 06/30/08

#### Optimizing Stroke Prevention in SC Anemic Children

**Sponsor:** NIH/NHLBI  
**Budget Dates:** 08/01/07 - 12/01/08  
**Direct:** $100,000  
**F & A:** $0  
**Award:** 7 U01 HL079246-04 (08011681)  
**Project Dates:** 08/01/07 - 12/01/08

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### Aston-Jones, Gary

#### Role of Locus Coeruleus in Decision Outcome

**Sponsor:** Princeton Univ.  
**Budget Dates:** 07/01/06 - 08/31/07  
**Direct:** $73,288  
**F & A:** $33,712  
**Award:** P50 MH062196/1321 (06080958)  
**Project Dates:** 07/01/06 - 08/31/07
### Effect of Xyrem on Arousal-Related Brain Neurons
- **Sponsor:** Jazz Pharmaceuticals
- **Budget Dates:** 12/20/07 - 12/19/08
- **Direct:** $99,917

### Role of Locus Coeruleus in Decision Outcome
- **Sponsor:** Princeton Univ.
- **Budget Dates:** 09/01/07 - 08/31/08
- **Direct:** $359,018

### COEE Neuroscience Murray Chair
- **Sponsor:** MUSC Fdn.
- **Budget Dates:** 07/01/07 - 06/30/08
- **Direct:** $81,914

### Role of Extended Amygdala in Opiate and Cocaine Abuse
- **Sponsor:** NIH/NIDA
- **Budget Dates:** 09/01/07 - 08/31/08
- **Direct:** $300,000

### International Visiting Scientists and Technical Exchange Program Research Fellowship (INVEST)
- **Sponsor:** NIH/NIDA
- **Budget Dates:** 03/15/08 - 03/14/09
- **Direct:** $36,000

### Alterations in Reward Processing During Drug Abstinence
- **Sponsor:** NIH/NIDA
- **Budget Dates:** 04/01/08 - 03/31/08
- **Direct:** $185,843

### Neurobiology of Addiction Research Center (NARC) - Project 3
- **PI:** Peter Kalivas
- **Sponsor:** NIH/NIDA
- **Total:** $119,898

### Stroke Education and Prevention in South Carolina - STEP-SC
- **PI:** Vanessa Hinson
- **Sponsor:** Solstice Neurosciences, Inc.
- **Total:** $30,500

### Intraventricular Hemorrhage Thrombolysis Trial
- **Sponsor:** Johns Hopkins Univ.
- **Budget Dates:** 05/15/08 - 04/30/09
- **Direct:** $36,000

### ICH Removal: Minimally Invasive + rt-PA (MISTIE)
- **Sponsor:** Johns Hopkins Univ.
- **Budget Dates:** 01/15/01 - 02/28/10
- **Direct:** $80,500

### Attenuation of Axonal Damage and Neuronal Death in EAE
- **Sponsor:** NIH/NINDS
- **Budget Dates:** 02/01/08 - 01/31/09
- **Direct:** $242,750

### Calpain Activation of T Cells in Demyelinating Disease
- **Sponsor:** NIH/NINDS
- **Budget Dates:** 03/01/08 - 02/28/09
- **Direct:** $218,475

### Role of Proteinase in Spinal Cord Injury
- **Sponsor:** NIH/NINDS
- **Budget Dates:** 06/01/08 - 05/31/09
- **Direct:** $224,106

### Neuroprotection of NR3A in Cultured Neurons and Ischemic Neonates
- **PI:** Shan Yu
- **Sponsor:** NIH/NINDS
- **Total:** $175,000

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### Bergmann, Kenneth

**Principal Investigator**

**A Long-Term, Multi-Center, Open-Label Safety Study with Oral 20 or 40 mg/d Doses of KW-6002 (Istradefylline) as Treatment for Parkinson’s Disease in Patients with Motor Response Complications on Levodopa Therapy**

- **Sponsor:** Lineberry Research Associates
- **Award:** 6002-INT-001 (04101801)
- **Budget Dates:** 10/15/04 - 09/01/07
- **Direct:** $1,316
- **F & A:** 329

**An Open-Label, Multi-Center Study of the Continued Safety of Istradefylline in Subjects with Parkinson’s Disease Who Have Recently Completed One Year of Treatment with Istradefylline**

- **Sponsor:** Pharmanet
- **Award:** 6002-US-025 (06011324)
- **Budget Dates:** 01/11/06 - 12/31/08
- **Direct:** $19,856
- **F & A:** 8,280

### Bhat, Narayan

**Principal Investigator**

**Neuroinflammation in Cholesterol-Induced AD Pathogenesis**

- **Sponsor:** NIH/NINDS
- **Award:** 5 R01 NS051575-03 (08031718)
- **Budget Dates:** 05/01/08 - 04/30/09
- **Direct:** $196,628
- **F & A:** 90,449

### Bongiovanni, Michele

**Principal Investigator**

**Sex Differences in the Effects of Stress on Cocaine Seeking**

- **Sponsor:** NIH/NIDA
- **Award:** 1 R36 DA024701-01 (07060487)
- **Budget Dates:** 05/15/08 - 05/14/09
- **Direct:** $46,118
- **F & A:** 3,689

### Buhusi, Catalin

**Principal Investigator**

**Attentional Processing of Temporal Information**

- **Sponsor:** NIH/NIMH
- **Award:** 7 R01 MH065561-06 (06122164)
- **Budget Dates:** 08/02/07 - 01/31/08
- **Direct:** $25,973
- **F & A:** 11,948

### Cason, Angie

**Principal Investigator**

**Drugs of Abuse, Gender Differences, and Protection by Sweets**

- **Sponsor:** NIH/NIDA
- **Award:** 1 F32 DA023354-01A1 (08020810)
- **Budget Dates:** 02/01/08 - 01/31/11
- **Direct:** $46,826
- **F & A:** 0
## Chandler, L.

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<td>Alcohol Research Center - Treatment and Implications-Component 4</td>
<td>Carrie Randall</td>
<td>NIH/NIAAA</td>
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## Chimowitz, Marc

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<td>SAMMPRIS (Stenting vs. Aggressive Medical Management for Preventing Recurrent Stroke in Intracranial Stenosis)</td>
<td>Carrie Randall</td>
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<td>Boston Scientific</td>
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<td>Intracranial Stents for Arterial Stenosis</td>
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## Cook, James

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<td>The Role of Eicosanoids in Shock</td>
<td>Sven Kroener</td>
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<td>Determine the Effect of CTCE-0214 Administration on Cecal Ligation and Puncture-Induced Septic Shock</td>
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## Edwards, Jonathan

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<td>Responsive Neurostimulator (RNS) System Pivotal Clinical Investigation</td>
<td>Jonathan Edwards</td>
<td>PPD Development</td>
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## Faison, Warachal

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<td>Phase 3, Multi-Center, Randomized, Double-Blind, Placebo-Controlled Study of the Effect of Daily Treatment with MPC-7869 on Measures of Cognitive Global Function in Subjects with Mild to Moderate Dementia of the Alzheimer's Type</td>
<td>Kenneth Spicer</td>
<td>Avid Radiopharmaceuticals</td>
<td>$28,000</td>
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<td>MPC-7869-04-005.03 (05072583)</td>
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<td>An Open-Label, Parallel-Group, Multi-Center Study, Evaluating the Safety and Imaging Characteristics of F-AV-45 in Healthy Volunteers, Patients with Mild to Moderate Cognitive Impairment (MCI) and Patients with Alzheimer's Disease (AD)</td>
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### Fan, Hongkuan

**Co-Investigator**

**The Role of Eicosanoids in Shock**

- **PI:** James Cook
- **Dept:** Neurosciences
- **Sponsor:** NIH/NIGMS
- **Total:** $223,151

**Determine the Effect of CTCE-0214 Administration on Cecal Ligation and Puncture-Induced Septic Shock**

- **PI:** James Cook
- **Dept:** Neurosciences
- **Sponsor:** Chemokine Therapeutics
- **Total:** $36,950

### Frankel, Bruce

**Principal Investigator**

**A Phase III, Randomized, Double-Blind Study Comparing Human Corticotropin-Releasing Factor (hCRF)* To Dexamethasone for Control of Symptoms Associated with Peritumoral Brain Edema in Patients with Primary Malignant Glioma**

- **Sponsor:** Icon Clinical Research, Inc.
- **Budget Dates:** 01/18/08 - 01/17/09
- **Direct:** $51,728

**A Phase III, Randomized, Double-Blind, Dexamethasone-Sparing Study Comparing Human Corticotropin-Releasing Factor (hCRF)* To Placebo for Control of Symptoms Associated with Peritumoral Brain Edema in Patients with Malignant Brain Tumor Who Require Chronic Administration of High-Dose Dexamethasone**

- **Sponsor:** Icon Clinical Research, Inc.
- **Budget Dates:** 01/18/08 - 01/17/09
- **Direct:** $54,590

### Giglio, Pierre

**Principal Investigator**

**BIBW 2992 with or without Daily Temozolomide in the Treatment of Patients with Recurrent Malignant Glioma**

- **Sponsor:** PPD Development
- **Budget Dates:** 05/12/08 - 06/30/10
- **Direct:** $362,101

### Granholm, Ann-Charlotte

**Principal Investigator**

**Dual-Hit Hypothesis of Aging-Related DA Dysfunction**

- **Sponsor:** NIH/NIA
- **Budget Dates:** 07/01/07 - 06/30/08
- **Direct:** $799,299

**Aminergic Function in Brain Aging and Alzheimer's Disease**

- **Sponsor:** Univ. of South Florida
- **Budget Dates:** 07/01/07 - 06/30/08
- **Direct:** $122,093

**Palmetto State Geriatric Education Centers**

- **Sponsor:** Univ. of South Carolina
- **Budget Dates:** 09/01/07 - 06/30/08
- **Direct:** $46,296

**An Animal Model for Age-Related Degeneration**

- **Sponsor:** NIH/NIA
- **Budget Dates:** 07/01/07 - 06/30/08
- **Direct:** $179,150

**Mechanisms of Neurotrophin-Improved Cognition in Aging**

- **Sponsor:** NIH/NIA
- **Budget Dates:** 09/01/07 - 08/31/09
- **Direct:** $183,947

### Co-Investigator

**Regulation and Cell Biology of Beta-Secretase**

- **PI:** Kumar Sambamurti
- **Dept:** Neurosciences
- **Sponsor:** NIH/NIA
- **Total:** $155,502

### Mentor

**Beneficial Effects of Blueberries on Neural Transplants**

- **PI:** Lauren Willis
- **Dept:** Neurosciences
- **Sponsor:** NIH/NCCAM
- **Total:** $33,855
Gudz, Tatyana  
**Principal Investigator**

**Integrin-Mediated Oligodendrocyte Survival in Ischemia**

Sponsor: VAMC  
Budget Dates: 10/01/07 - 09/30/08  
Direct: $182,600

**Budget Dates:** 10/01/07 - 09/30/08

**Award:** (06062406)  
Project Dates: 10/01/05 - 09/30/08

**F & A:** $0

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Halford, Jonathan  
**Principal Investigator**

**A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Multi-Center Study to Evaluate the Efficacy, Safety and Tolerability of RWJ 333369 as Adjunctive Therapy in Subjects with Partial Onset Seizures Followed by an Open-Label Extension Study**

Sponsor: Johnson and Johnson  
Budget Dates: 10/04/06 - 03/15/09  
Direct: $13,548

**Award:** 333369-EPY-3001/3004 (06101636)  
Project Dates: 10/04/06 - 03/15/09

**F & A:** $3,387

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**A Randomized, Double-Blind, Parallel-Group, Multi-Center Study to Evaluate the Retention Rate, Efficacy, Safety, and Tolerability of Carisbamite, Topiramate and Levetiracetam as Adjunctive Therapy in Subjects with Partial Onset Seizures**

Sponsor: Quintiles Pacific, Inc.  
Budget Dates: 11/30/07 - 12/31/09  
Direct: $150,576

**Award:** CARISEPY 3007 (07112780)  
Project Dates: 11/30/07 - 12/31/09

**F & A:** $36,894

---

**A Phase 3, Randomized, Double-Blind, Parallel, Placebo-Controlled, Multi-Center Study with Optional Open-Label Continuation of the Efficacy and Safety of Vanquix Auto-Injector (Diazepam Injection) for the Management of Selected, Refractory, Patients with Epilepsy Who Require Intermittent Medical Intervention to Control Episodes of Acute Repetitive Seizures**

Sponsor: Quintiles Pacific, Inc.  
Budget Dates: 03/26/08 - 03/31/10  
Direct: $249,500

**Award:** K826-05-3001 (08031177)  
Project Dates: 03/26/08 - 03/31/10

**F & A:** $61,750

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**On-Line Real-Time Seizure Prediction**

Sponsor: Optima Neuroscience, Inc.  
Budget Dates: 04/01/08 - 03/31/09  
Direct: $19,933

**Award:** OPT-001-MUSC/7R01NS050582 (08032546)  
Project Dates: 04/01/08 - 03/31/09

**F & A:** $9,169

---

Hinson, Vanessa  
**Principal Investigator**

**A Randomized, Double-Blind, Cross-Over Study to Compare IPX054 200 mg Bilayer Tablet BID to Carbidopa-Levodopa Immediate-Release 100 mg Tablet QID in Subjects with Parkinson's Disease**

Sponsor: Impax Laboratories, Inc.  
Budget Dates: 01/16/06 - 01/15/07  
Direct: $960

**Award:** IPX054-B04-07 (05111571)  
Project Dates: 01/16/06 - 01/15/07

**F & A:** $240

---

**A Multi-Center, Randomized, Double-Blind, Placebo-Controlled, Single Treatment, Sequential Dose-Escalation, Safety, Tolerability and Preliminary Efficacy Study of MYOBLOC for the Treatment of Troublesome Sialorrhea in Parkinson's Disease Patients**

Sponsor: Solstice Neurosciences, Inc.  
Budget Dates: 09/06/07 - 03/05/09  
Direct: $30,500

**Award:** SN-SIAL-201 (07060593)  
Project Dates: 09/06/07 - 03/05/09

**F & A:** $7,000

---

**Parkinson's Disease Neuropathology Clinical Trial Center**

Sponsor: NIH/NINDS  
Budget Dates: 12/01/07 - 11/30/08  
Direct: $87,765

**Award:** 5 U10 NS053372-03 (07092437)  
Project Dates: 12/01/07 - 11/30/10

**F & A:** $40,372

---

**Effects of Coenzyme Q10 in Parkinson's Disease-Phase 3 (QE3)**

Sponsor: Weill Cornell Medical College  
Budget Dates: 12/01/07 - 11/30/08  
Direct: $32,480

**Award:** Site No. 182/U01 NS050324- (08050125)  
Project Dates: 12/01/07 - 11/30/09

**F & A:** $8,237

---

**Co-Investigator**

**An Open-Label, Multi-Center Study of the Continued Safety of Istradefylline in Subjects with Parkinson's Disease Who Have Recently Completed One Year of Treatment with Istradefylline**

Pl: Kenneth Bergmann  
Sponsor: Pharmanet  
Total: $19,856

**Dept:** Neurosciences  
**Award:** 6002-US-026 (06011324-2)
Jayanthi, Lankupalle

**Principal Investigator**

**Norepinephrine Transport Regulation by Phosphorylation**

**Sponsor:** NIH/NIGMS

**Award:** 5 R01 GM081054-02 (07121361)

**Budget Dates:** 02/01/08 - 01/31/09

**Direct:** $ 151,000

**Co-Investigator**

**Dual-Hit Hypothesis of Aging-Related DA Dysfunction - Project 4**

**PI:** Ann-Charlotte Granholm

**Dept:** Neurosciences

**Sponsor:** NIH/NIA

**Award:** 5 P01 AG023630-03 (07050456-8)

**Budget Dates:** 09/01/07 - 08/31/08

**Direct:** $ 69,460

**Serotonin Transporter Phosphorylation**

**PI:** Sammanda Ramamoorthy

**Dept:** Neurosciences

**Sponsor:** NIH/NIMH

**Award:** 5 R01 MH062612-06 (08020482-1)

**Budget Dates:** 02/01/07 - 01/31/12

**Direct:** $ 212,500

Kalivas, Peter

**Principal Investigator**

**Cocaine, Opioids and Drug Abuse**

**Sponsor:** NIH/NIDA

**Award:** 5 R37 DA003906-24 (07071611)

**Budget Dates:** 12/01/84 - 07/31/10

**Direct:** $ 236,153

**NAC-1, A Cocaine Regulated mRNA in the Rat Brain**

**Sponsor:** Univ. of Pennsylvania

**Award:** 548905/2-R01-DA-011809-08 (07090565)

**Budget Dates:** 09/01/07 - 08/31/08

**Direct:** $ 66,761

**International Visiting Scientist and Technical Exchange Program Research Fellowship**

**Sponsor:** SC EPSCOR

**Award:** SCRA Task Order #0042/EPS (08072233)

**Budget Dates:** 05/01/08 - 04/30/09

**Direct:** $ 56,088

**Stress-Induced Reinstatement of Cocaine-Seeking Behavior**

**Sponsor:** NIH/NIDA

**Award:** 5 R01 DA015851-05 (08032444)

**Budget Dates:** 04/01/08 - 03/31/09

**Direct:** $ 116,153

**Glutamate and Craving for Cocaine**

**Sponsor:** NIH/NIDA

**Award:** 5 R01 DA012513-09 (08032445)

**Budget Dates:** 02/10/00 - 03/31/10

**Direct:** $ 162,612

**Neurobiology of Addiction Research Center (NARC)**

**Sponsor:** NIH/NIDA

**Award:** 2 P50 DA015369-06 (08041651)

**Budget Dates:** 07/01/02 - 04/30/13

**Direct:** $ 871,803

**Postdoctoral Academic Career Development Scholar**

**Sponsor:** SC EPSCOR

**Award:** SCRA Task Order #0042/EPS (08072233)

**Budget Dates:** 05/01/08 - 04/30/09

**Direct:** $ 56,088

**Co-PI/Project Leader**

**Translational Research in Addiction Center - Project 1**

**PI:** Ronald See

**Dept:** Neurosciences

**Sponsor:** NIH/NIDA

**Budget Dates:** 07/01/07 - 05/31/08

**Direct:** $ 79,866

**Co-Investigator**

**Alcohol Research Center - Treatment and Implications-Component 2**

**PI:** Carrie Randall

**Dept:** Psychiatry and Behavioral Sciences

**Sponsor:** NIH/NIAAA

**Budget Dates:** 07/01/07 - 05/31/08

**Direct:** $ 131,497

**Alcohol Research Center - Treatment and Implications-Component 2**

**PI:** Carrie Randall

**Dept:** Psychiatry and Behavioral Sciences

**Sponsor:** NIH/NIAAA

**Budget Dates:** 07/01/07 - 05/31/08

**Direct:** $ 17,418

Kara, Prakash

**Principal Investigator**

**Development and Plasticity of Functional Micro-Organization of the Visual Cortex**

**Sponsor:** NIH/NEI

**Award:** 1 R01 EY017925-01A1 (06103005)

**Budget Dates:** 07/01/07 - 05/31/08

**Direct:** $ 250,000

**Depth Perception Coding in Complete Cortical Microcircuits**

**Sponsor:** Whitehall Foundation

**Award:** 2007-08-107 (07060595)

**Budget Dates:** 08/01/07 - 07/31/08

**Direct:** $ 69,142

**Development of a Technological Platform to Study the Neural Code for Vision**

**Sponsor:** Massachusetts Eye and Ear Infirmary

**Award:** 60019/IIS-0515134 (07081716)

**Budget Dates:** 06/01/07 - 05/31/09

**Direct:** $ 56,130
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<th>Budget Dates</th>
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<td>Controlling Complement in Cerebral Ischemic Injury</td>
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Annual Report for Research FY2008
LaPointe, Marc

**Principal Investigator**

**Studying the Treatment of Acute HyperTension (STAT)**

- **Sponsor:** Univ. of Massachusetts
- **Award:** 0006085040 (07101944)
- **Budget Dates:** 06/01/07 - 11/30/08
- **Direct:** $32,100
- **Project Dates:** 06/01/07 - 11/30/08
- **F & A:** $7,400

Lavin, Antonieta

**Principal Investigator**

**Effects of Repetitive Cocaine Administration in Activity of Cortical Interneurons**

- **Sponsor:** NIH/NIDA
- **Award:** 2 R01 DA014698-06A2 (06102792)
- **Budget Dates:** 07/01/08 - 06/30/09
- **Direct:** $250,000
- **Project Dates:** 07/01/08 - 06/30/09
- **F & A:** $21,961

**Neuropsychiatric Phenomics**

- **Sponsor:** Univ. of California, Los Angeles
- **Award:** 2000 G JM202/RL1 MH083269 (06120404)
- **Budget Dates:** 09/29/07 - 06/30/08
- **Direct:** $31,278
- **Project Dates:** 09/29/07 - 06/30/08
- **F & A:** $14,388

**Effects of Repeated Cocaine Administration in Activity of Cortical Interneurons**

- **Sponsor:** NIH/NIDA
- **Award:** 2 R56 DA014698-06A1 (07031254)
- **Budget Dates:** 07/15/07 - 06/30/08
- **Direct:** $200,000
- **Project Dates:** 07/15/07 - 06/30/08
- **F & A:** $80,500

**Co-Investigator**

**Neurobiology of Addiction Research Center (NARC) - Project 1**

- **PI:** Peter Kalivas
- **Sponsor:** NIH/NIDA
- **Award:** 2 P50 DA015369-06 (08041651-5)

McGinty, Jacqueline

**Principal Investigator**

**Drug Abuse Training Program**

- **Sponsor:** NIH/NIDA
- **Award:** 2 T32 DA007288-16 (06061578)
- **Budget Dates:** 07/01/07 - 06/30/08
- **Direct:** $300,607
- **Project Dates:** 07/01/07 - 06/30/08
- **F & A:** $21,961

**Psychostimulant Effects on Striatal Signaling**

- **Sponsor:** NIH/NIDA
- **Award:** 5 R01 DA003982-24 (08021448)
- **Budget Dates:** 04/25/07 - 03/31/12
- **Direct:** $196,000
- **Project Dates:** 04/25/07 - 03/31/12
- **F & A:** $90,160

**Co-PI/Project Leader**

**Interdisciplinary Women's Health Research at MUSC**

- **PI:** Kathleen Brady
- **Sponsor:** NIH/NICHD
- **Award:** 1 K12 HD055885-01 (06091283-1)

**Dual-Hit Hypothesis of Aging-Related DA Dysfunction - Project 2**

- **PI:** Ann-Charlotte Granholm
- **Sponsor:** NIH/NIA
- **Award:** 5 P01 AG023630-03 (07050456-6)

**Neurobiology of Addiction Research Center (NARC) - Core C**

- **PI:** Peter Kalivas
- **Sponsor:** NIH/NIDA
- **Award:** 2 P50 DA015369-06 (08041651-4)

**Neurobiology of Addiction Research Center (NARC) - Project 2**

- **PI:** Peter Kalivas
- **Sponsor:** NIH/NIDA
- **Award:** 2 P50 DA015369-06 (08041651-6)

**Co-Investigator**

**Striatal Mechanisms of Relapse to Cocaine Seeking**

- **PI:** Ronald See
- **Sponsor:** NIH/NIDA
- **Award:** 2 R01 DA010462-11A1 (07030104-1)

Melendez, Roberto

**Principal Investigator**

**Mouse Model of Ethanol Relapse Propensity**

- **Sponsor:** NIH/NIAAA
- **Award:** 5 R21 AA015953-02 (07052115)
- **Budget Dates:** 07/01/07 - 12/31/08
- **Direct:** $115,306
- **Project Dates:** 07/01/07 - 12/31/08
- **F & A:** $53,041

Mintzer, Jacobo

**Principal Investigator**

**Double-Blind, Parallel-Group Comparison of 23 mg Donepezil Sustained Release to 10 mg Donepezil Immediate Release in Patients with Moderate to Severe Alzheimer's Disease**

- **Sponsor:** Icon Clinical Research, Inc.
- **Award:** E2020-G000-328 (07032193)
- **Budget Dates:** 04/18/07 - 12/31/08
- **Direct:** $332,108
- **Project Dates:** 04/18/07 - 12/31/08
- **F & A:** $83,027
### Antipsychotic Discontinuation in Alzheimer's Disease
- **Sponsor:** Research Fdn. for Mental Hygiene
- **Budget Dates:** 09/01/06 - 08/31/07
- **Direct:** $103,092

### Open-Label, Extension Study of 23 mg Donepezil SR in Patients with Moderate to Severe Alzheimers Disease
- **Sponsor:** Icon Clinical Research, Inc.
- **Budget Dates:** 12/12/07 - 01/31/10
- **Direct:** $222,148

### A Phase 3, Multi-Center, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Efficacy and Safety Trial of Bapineuzumab (AAB-001, ELN115727) in Patients with Mild to Moderate Alzheimer's Disease Who are Apolipoprotein E 4 Non-Carriers (Protocol ELN115727-301)
- **Sponsor:** Elan Pharmaceuticals
- **Budget Dates:** 01/16/08 - 01/31/11
- **Direct:** $299,704

### A Phase 3, Multi-Center, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Efficacy and Safety Trial of Bapineuzumab (AAB-001, ELN115727) in Patients with Mild to Moderate Alzheimer's Disease Who are Apolipoprotein E 4 Carriers (Protocol ELN115727-302)
- **Sponsor:** Elan Pharmaceuticals
- **Budget Dates:** 01/16/08 - 01/31/11
- **Direct:** $299,704

### 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 - 06/30/10
- **Direct:** $164,514

### CD-0125: Safety and Efficacy of NeuroFlo Technology in Ischemic Stroke
- **Sponsor:** Coaxia, Inc.
- **Budget Dates:** 06/13/07 - 06/30/09
- **Direct:** $106,172

- **Sponsor:** Vernalis Pharmaceuticals
- **Budget Dates:** 11/01/07 - 11/01/09
- **Direct:** $137,300

### Open-Label, Dose-Confirmation and Dosimetry Study of Interstitial I-chTNT-1/B MAb (Cotara) for the Treatment of Glioblastoma Multiforme (GBM) at First Relapse
- **Sponsor:** Peregrine Pharmaceuticals
- **Budget Dates:** 02/20/07 - 02/19/09
- **Direct:** $201,847

### Pharor Perot Endowed Chair in Spinal Cord Injury
- **Sponsor:** SC Spinal Cord Injury Fund
- **Budget Dates:** 11/01/07 - 10/31/10
- **Direct:** $500,000

### Serotonin Transporter Phosphorylation
- **Sponsor:** NIH/NIMH
- **Budget Dates:** 04/01/08 - 03/31/09
- **Direct:** $212,500

### Dual-Hit Hypothesis of Aging-Related DA Dysfunction - Project 4
- **Sponsor:** NIH/NIA
- **Budget Dates:** 02/01/08 - 03/31/12
- **Direct:** $97,750
### Ramamoorthy, Sammanda
**Co-Investigator**

**Norepinephrine Transport Regulation by Phosphorylation**
- **PI:** Lankupalle Jayanthi  
- **Sponsor:** NIH/NIGMS  
- **Total:** $151,000
- **Dept:** Neurosciences  
- **Award:** 5 R01 GM081054-02 (07121361-1)

### Ray, Swapan
**Co-Investigator**

**Attenuation of Axonal Damage and Neuronal Death in EAE**
- **PI:** Naren Banik  
- **Sponsor:** NIH/NINDS  
- **Total:** $194,200
- **Dept:** Neurosciences  
- **Award:** 5 R01 NS056176-03 (07112778-1)

**Attenuation of Axonal Damage and Neuronal Death in EAE**
- **PI:** Naren Banik  
- **Sponsor:** NIH/NINDS  
- **Total:** $48,550
- **Dept:** Neurosciences  
- **Award:** 5 R01 NS056176-03 (07112778-2)

### Riegel, Arthur
**Principal Investigator**

**Cellular Mechanisms Regulating VTA Dopamine Neurons**
- **Sponsor:** NIH/NIDA  
- **Budget Dates:** 06/01/08 - 08/31/08  
- **Direct:** $43,410
- **Award:** 7 K01 DA020751-03 (08052940)  
- **Project Dates:** 09/01/06 - 08/31/11  
- **F & A:** $3,473

### Rogers, Jason
**Principal Investigator**

**Effects of Methamphetamine on Relapse, Working Memory and Serotonin Transporters**
- **Sponsor:** NIH/NIDA  
- **Budget Dates:** 09/28/07 - 03/18/08  
- **Direct:** $49,646
- **Award:** 1 F32 DA022842-01A1 (06112983)  
- **Project Dates:** 09/28/07 - 03/18/08  
- **F & A:** $0

### Salak, Vicky
**Co-Investigator**

**Parkinson's Disease Neuroprotection Clinical Trial Center**
- **PI:** Kenneth Bergmann  
- **Sponsor:** NIH/NINDS  
- **Total:** $18,000
- **Dept:** Neurosciences  
- **Award:** 5 U10 NS053372-02 (06092119-2)

**Parkinson's Disease Neuroprotection Clinical Trial Center**
- **PI:** Vanessa Hinson  
- **Sponsor:** NIH/NINDS  
- **Total:** $87,765
- **Dept:** Neurosciences  
- **Award:** 5 U10 NS053372-03 (07092437-1)

### Sambamurti, Kumar
**Principal Investigator**

**Cholesterol and Amyloidogenesis**
- **Sponsor:** NIH/NIA  
- **Budget Dates:** 06/01/07 - 05/31/09  
- **Direct:** $452,704
- **Award:** 5 R01 AG022103-05 (07052438)  
- **Project Dates:** 06/01/06 - 05/31/09  
- **F & A:** $208,244

**Regulation and Cell Biology of Beta-Secretase**
- **Sponsor:** NIH/NIA  
- **Budget Dates:** 09/30/04 - 06/30/09  
- **Direct:** $155,502
- **Award:** 5 R01 AG023055-04 (07062070)  
- **Project Dates:** 09/30/04 - 06/30/09  
- **F & A:** $71,531

**An Animal Model for Age-Related Degeneration**
- **PI:** Ann-Charlotte Granholm  
- **Sponsor:** NIH/NIA  
- **Total:** $179,150
- **Dept:** Neurosciences  
- **Award:** 5 R01 AG012122-12 (07060485-1)

**Mechanisms of Neurotrophin-Improved Cognition in Aging**
- **PI:** Ann-Charlotte Granholm  
- **Sponsor:** NIH/NIA  
- **Total:** $183,947
- **Dept:** Neurosciences  
- **Award:** 5 R01 AG010755-14 (07072031-1)

### Saylor, Alicia
**Principal Investigator**

**Amphetamine and BDNF-Mediated Gene Expression**
- **Sponsor:** NIH/NIDA  
- **Budget Dates:** 07/01/07 - 06/30/08  
- **Direct:** $33,706
- **Award:** 5 F31 DA020238-02 (07072442)  
- **Project Dates:** 07/01/06 - 06/30/08  
- **F & A:** $0

### Schochet, Terri
**Principal Investigator**

**Neuroadaptive Changes in Dendritically Targeted mRNAs in Cocaine Abstinence**
- **Sponsor:** NIH/NIDA  
- **Budget Dates:** 09/15/07 - 09/14/09  
- **Direct:** $49,646
- **Award:** 1 F32 DA023768-01 (06112984)  
- **Project Dates:** 09/15/07 - 09/14/09  
- **F & A:** $0
**See, Ronald**

**Principal Investigator**

**Interdisciplinary Medication Development for Multiple Risk Factors in Relapse**

**Sponsor:** NIH/NIDA  
**Award:** 1 R01 DA021690-01A2 (06103099)  
**Budget Dates:** 09/30/07 - 06/30/08  
**Direct:** $250,000  
**F & A:** $115,000

**Striatal Mechanisms of Relapse to Cocaine Seeking**

**Sponsor:** NIH/NIDA  
**Award:** 2 R01 DA010462-11A1 (07030104)  
**Budget Dates:** 04/10/97 - 11/30/12  
**Direct:** $200,000  
**F & A:** $92,000

**Translational Research in Addiction Center**

**Sponsor:** NIH/NIDA  
**Award:** 5 P20 DA022658-02 (07062915)  
**Budget Dates:** 09/30/07 - 08/31/08  
**Direct:** $536,475  
**F & A:** $211,603

**Co-PI/Project Leader**

**ORWH: SCOR on Sex and Gender Factors Affecting Women's Health - Admin Component**

**PI:** Kathleen Brady  
**Sponsor:** NIH/NIDA  
**Total:** $110,550

**ORWH: SCOR on Sex and Gender Factors Affecting Women's Health - Component 1**

**PI:** Kathleen Brady  
**Sponsor:** NIH/NIDA  
**Total:** $145,990

**Neurobiology of Addiction Research Center (NARC) - Core B**

**PI:** Peter Kalivas  
**Sponsor:** NIH/NIDA  
**Total:** $256,685

**Neurobiology of Addiction Research Center (NARC) - Project 4**

**PI:** Peter Kalivas  
**Sponsor:** NIH/NIDA  
**Total:** $71,874

**Co-Investigator**

**PGP Regulation of Antipsychotic Exposure and Effects**

**PI:** C. Devane  
**Sponsor:** NIH/NIMH  
**Total:** $170,673

**Significant Contributor**

**Alcohol Research Center - Treatment and Implications-Component 5**

**PI:** Carrie Randall  
**Sponsor:** NIH/NIAAA  
**Total:** $58,525

**Alcohol Research Center - Treatment and Implications-Component 5**

**PI:** Carrie Randall  
**Sponsor:** NIH/NIAAA  
**Total:** $14,032

**Takacs, Istvan**

**Principal Investigator**

**SCS0406: Effectiveness of the Precision Spinal Cord Stimulation System with the Artisan Paddle Electrode in Patients with Back or Lower Extremity Pain**

**Sponsor:** Advanced Bionics  
**Award:** SCS0406 (07071608)  
**Budget Dates:** 05/29/07 - 06/30/09  
**Direct:** $32,348  
**F & A:** $7,462

**Tempel, George**

**Co-Investigator**

**The Role of Eicosanoids in Shock**

**PI:** James Cook  
**Sponsor:** NIH/NIGMS  
**Total:** $223,151

**Tyor, William**

**Principal Investigator**

**309363: International, Multi-Center, Phase IIIb Study of Subcutaneous Every-Other-Day Treatment of Patients with Relapsing Multiple Sclerosis with (Phase A) Double-Blind Betaseron/Betaferon 250ug or 500 ug or Open-Label Betaseron/Betaferon 250 ug and (Phase B) Open-Label Betaseron/Betaferon 500 ug**

**Sponsor:** Bayer Pharmaceuticals  
**Award:** 309363 (07070233)  
**Budget Dates:** 07/16/07 - 12/31/10  
**Direct:** $14,634  
**F & A:** $3,034

**Opiate Drug Abuse and CNS Vulnerability to HIV**

**Sponsor:** Virginia Commonwealth Univ.  
**Award:** PT102596-SC100714/7P01DA0 (07080172)  
**Budget Dates:** 08/01/07 - 07/31/10  
**Direct:** $65,388  
**F & A:** $30,079
### Novel Treatments for HIV Encephalitis in Mice

**Sponsor:** VAMC  
**Award:** (08042164)

**Co-Investigator**  
Tyr, William

**Description:** Calpain Activation of T Cells in Demyelinating Disease

**PI:** Naren Banik  
**Dept:** Neurosciences

**Budget Dates:** 10/01/07 - 09/30/08  
**Direct:** $162,500  
**Total:** $218,475  
**F & A:** 0

**Project Dates:** 10/01/07 - 09/30/11  
**Award:** 5 R01 NS041088-08 (08010722-1)

### Randomized Evaluation of Recurrent Stroke Comparing PFO Closure to Established Current Standard of Care Treatment

**Sponsor:** Aga Medical Corp.  
**Budget Dates:** 09/22/04 - 12/31/08  
**Direct:** $40,000  
**F & A:** 10,000

**Project Dates:** 09/22/04 - 12/31/08  
**Award:** RESPECT (04101301)

### Site and Mechanism of Action of BDNF-Induced Suppression of Cocaine-Seeking

**Sponsor:** NIH/NINDS  
**Budget Dates:** 09/25/07 - 09/24/08  
**Direct:** $34,689  
**F & A:** 0

**Project Dates:** 09/25/07 - 09/24/10  
**Award:** 1 F31 DA023743-01 (06112985)

### Beneficial Effects of Blueberries on Neural Transplants

**Sponsor:** NIH/NCCAM  
**Budget Dates:** 08/01/07 - 07/31/08  
**Direct:** $33,855  
**F & A:** 0

**Project Dates:** 08/01/05 - 07/31/08  
**Award:** 5 F31 AT003023-03 (07052441)

### Ethanol Sensitivity of Native and Cloned NMDA Receptors

**Sponsor:** NIH/NIAAA  
**Budget Dates:** 04/01/08 - 03/31/09  
**Direct:** $312,393  
**F & A:** 22,610

**Project Dates:** 08/01/08 - 03/31/09  
**Award:** 5 R01 AA009986-14 (08012832)

### Addiction Research Center - Treatment and Implications-Component 4

**PI:** Carrie Randall  
**Dept:** Psychiatry and Behavioral Sciences

**Budget Dates:** 07/01/07 - 06/30/09  
**Direct:** $1,900  
**F & A:** 152

**Project Dates:** 07/01/07 - 06/30/09  
**Award:** 5 R01 AA010761-13 (07111443-1)

### Alcohol Research Center - Treatment and Implications-Component 4

**PI:** Shan Yu  
**Dept:** Pharmaceutical and Biomedical Science

**Budget Dates:** 04/01/08 - 03/31/09  
**Direct:** $175,000

**Project Dates:** 08/01/05 - 03/31/09  
**Award:** 1 R01 NS057255-01A1 (06101232-1)

### Neuroprotection of NR3A in Cultured Neurons and Ischemic Neonates

**PI:** Peter Kalivas  
**Dept:** Neurosciences

**Budget Dates:** 08/01/07 - 06/30/09  
**Direct:** $1,900  
**F & A:** 152

**Project Dates:** 08/01/07 - 06/30/09  
**Award:** 1 R01 NS057255-01A1 (06101232-1)

### Obstetrics and Gynecology

**PI:** Carrie Randall  
**Dept:** Obstetrics and Gynecology

**Budget Dates:** 07/01/07 - 06/30/09  
**Direct:** $1,900  
**F & A:** 152
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<th>Research Faculty Activity</th>
<th>Obstetrics and Gynecology</th>
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<tr>
<td><strong>Carter, James</strong></td>
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<td>Co-Investigator</td>
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<tr>
<td>A Randomized, Multi-Center, Double-Blind, Placebo-Controlled Trial to Compare the Effects of 12 Weeks Treatment with DR-2041 Vaginal Cream vs. Placebo Cream on Vulvovaginal Atrophy in Healthy Postmenopausal Women</td>
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<td>PI: Steven Swift</td>
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<td>Hysteroscopy Lab</td>
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<tr>
<td>PI: David Soper</td>
<td>Sponsor: Ethicon</td>
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<tr>
<td>Dept: Obstetrics and Gynecology</td>
<td>Award: Hysteroscopy Lab (08031296-1)</td>
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| **Chang, Eugene**        |                           |
| Co-Investigator          |                           |
| A Randomized, Double-Blind, Placebo-Controlled, Dose-Ranging Study to Investigate the Safety, Tolerability, Pharmacokinetics (the Process by Which a Drug is Absorbed, Distributed, Broken Down, and Eliminated by the Body) and Pharmacodynamics (the Study of the Action or Effects of Drugs on Living Organisms) of GSK221149AAdministered Intravenously and the Pharmacokinetics of GSK221149A Administered Orally in Healthy, Pregnant Females, with Uncomplicated Pre-Term Labor between 340/7 -356/7 Weeks Gestation |                           |
| PI: Jill Mauldin         | Sponsor: GlaxoSmithKline  |   |
| Dept: Obstetrics and Gynecology | Award: OTA105256 (07080378-1) |   |

| **Creasman, William**    |                           |
| Principal Investigator   |                           |
| A Multi-Center, Randomized, Double-Blind, Placebo-Controlled, Parallel-Arm Study of the Effect of Intravenous AVE6005 (VEGF Trap) Administered Every 2 Weeks in Advanced Ovarian Cancer Patients with Recurrent Symptomatic Malignant Ascites |                           |
| Sponsor: Sanofi-Aventis US, Inc. | Budget Dates: 07/31/06 - 06/30/09 | Direct: $183,359 |
| Award: EFC6125 (06080230) | Project Dates: 07/31/06 - 06/30/09 | F & A: $45,840 |

| **Goetzl, Laura**        |                           |
| Principal Investigator   |                           |
| Determinants of Fetal Inflammatory Exposure at Term |                           |
| Sponsor: March of Dimes  | Budget Dates: 06/01/08 - 05/31/09 | Direct: $74,335 |
| Award: 6-FY06-311 (05091315) | Project Dates: 06/01/06 - 05/31/09 | F & A: $7,434 |

| **Johnson, Donna**       |                           |
| Principal Investigator   |                           |
| Soluble FMS-Like Tyrosine Kinase 1 (SFLT-1), Placental Growth Factor (PLGF) Levels as Predictors of Preeclampsia Prior to Onset of Symptoms in Pregnant Women, as an Aid in Diagnosis in Symptomatic Women and for Risk Stratification |                           |
| Sponsor: Ortho-Clinical Diagnostics | Budget Dates: 02/14/07 - 12/31/09 | Direct: $159,600 |
| Award: 06-007 (07042310) | Project Dates: 02/14/07 - 12/31/09 | F & A: $39,900 |

| **Kohler, Matthew**      |                           |
| Co-PI/Project Leader    |                           |
| A Multi-Center, Randomized, Double-Blind, Placebo-Controlled, Parallel-Arm Study of the Effect of Intravenous AVE6005 (VEGF Trap) Administered Every 2 Weeks in Advanced Ovarian Cancer Patients with Recurrent Symptomatic Malignant Ascites |                           |
| Dept: Obstetrics and Gynecology | Award: EFC6125 (06080230-2) |   |
Mauldin, Jill

**Principal Investigator**

**A Randomized, Double-Blind, Placebo-Controlled, Dose-Ranging Study to Investigate the Safety, Tolerability, Pharmacokinetics (the Process by Which a Drug is Absorbed, Distributed, Broken Down, and Eliminated by the Body) and Pharmacodynamics (the Study of the Action or Effects of Drugs on Living Organisms) of GSK221149A Administered Intravenously and the Pharmacokinetics of GSK221149A Administered Orally in Healthy, Pregnant Females, with Uncomplicated Pre-Term Labor between 34/07 - 35/6/7 Weeks Gestation**

**Sponsor:** GlaxoSmithKline  
**Budget Dates:** 07/25/07 - 06/30/08  
**Direct:** $56,335  
**Award:** OTA105256 (07080378)

**Newman, Roger**

**Principal Investigator**

**OPTIONS: Obesity Prevention Teams in Our Neighborhood Schools**

**Sponsor:** SC DHHS  
**Budget Dates:** 01/01/08 - 12/31/08  
**Direct:** $234,140  
**Award:** (07102463)

**Rittenberg, Charles**

**Principal Investigator**

**Progestosterone Outreach Program (POP)**

**Sponsor:** March of Dimes  
**Budget Dates:** 03/01/08 - 02/28/09  
**Direct:** $45,455  
**Award:** (07091181)

**Co-Investigator**

**A Randomized, Double-Blind, Placebo-Controlled, Dose-Ranging Study to Investigate the Safety, Tolerability, Pharmacokinetics (the Process by Which a Drug is Absorbed, Distributed, Broken Down, and Eliminated by the Body) and Pharmacodynamics (the Study of the Action or Effects of Drugs on Living Organisms) of GSK221149A Administered Intravenously and the Pharmacokinetics of GSK221149A Administered Orally in Healthy, Pregnant Females, with Uncomplicated Pre-Term Labor between 34/07 - 35/6/7 Weeks Gestation**

**Pl:** Jill Mauldin  
**Sponsor:** GlaxoSmithKline  
**Total:** $56,335

**Dept:** Obstetrics and Gynecology  
**Award:** OTA105256 (07080378-1)

**Robinson, Christopher**

**Co-Investigator**

**Soluble FMS-Like Tyrosine Kinase 1 (SFLT-1), Placental Growth Factor (PLGF) Levels as Predictors of Preeclampsia Prior to Onset of Symptoms in Pregnant Women, as an Aid in Diagnosis in Symptomatic Women and for Risk Stratification**

**Pl:** Donna Johnson  
**Sponsor:** Ortho-Clinical Diagnostics  
**Total:** $159,600

**Dept:** Obstetrics and Gynecology  
**Award:** 06-007 (07042310-2)

**Soper, David**

**Principal Investigator**

**A Randomized, Double-Blinded, Tolerability and Immunogenicity Study of a Multivalent Human Papillomavirus (HPV) L1 Virus-Like Particle (VLP) Vaccine (V504) Administered Concomitantly with GARDASIL to 16- to 26-Year-Old Women**

**Sponsor:** Merck  
**Budget Dates:** 08/28/07 - 02/28/09  
**Direct:** $64,879  
**Award:** V504-001 (07082231)

**Hysteroscopy Lab**

**Sponsor:** Ethicon  
**Budget Dates:** 03/01/08 - 02/28/09  
**Direct:** $5,556  
**Award:** Hysteroscopy Lab (08031296)

**Co-Investigator**

**Resident Training Laparoscopy Laboratory**

**Pl:** James Carter  
**Sponsor:** Ethicon  
**Total:** $1,900

**Dept:** Obstetrics and Gynecology  
**Award:** 08160 (07092438-1)

**Sullivan, Scott**

**Principal Investigator**

**Maternal and Perinatal Outcomes Associated with Physician Distribution in States That are ?Red Alert? for Medical Liability Crisis**

**Sponsor:** Amer. College of Ob and Gyn  
**Budget Dates:** 07/01/07 - 10/01/08  
**Direct:** $14,906  
**Award:** (06100289)

**A Randomized, Prospective Trial Comparing the Use of the Alexis Retractor System During Cesarean Section with Traditional Retractors**

**Sponsor:** Applied Medical  
**Budget Dates:** 10/26/07 - 05/01/09  
**Direct:** $72,600  
**Award:** Cost Share Only (08012208)
### Swift, Steven

**Principal Investigator**

**A Randomized, Multi-Center, Double-Blind, Placebo-Controlled Trial to Compare the Effects of 12 Weeks Treatment with DR-2041 Vaginal Cream vs. Placebo Cream on Vulvovaginal Atrophy in Healthy Postmenopausal Women**

- **Sponsor:** Duramed Research, Inc.
- **Budget Dates:** 06/08/06 - 04/30/08
- **Direct:** $3,280

### Ophthalmology

#### Ablonczy, Zsolt

**Co-Investigator**

**Synthetic Retinal Pigments and Binding Proteins**

- **PI:** Rosalie Crouch
- **Dept:** Ophthalmology
- **Sponsor:** NIH/NEI
- **Award:** 5 R01 EY004939-25 (08021347-1)

#### Black, Robert

**Co-Investigator**

**Clinical Study of the ACRYSOF ReSTOR +3.0D ADD Power**

- **PI:** Kerry Solomon
- **Dept:** Ophthalmology
- **Sponsor:** Alcon, Inc.
- **Award:** C-06-40 (07080681-1)

**Clinical Study of the ACRYSOF ReSTOR +3.00D ADD Power**

- **PI:** Kerry Solomon
- **Dept:** Ophthalmology
- **Sponsor:** Allergan, Inc.
- **Award:** SURFACE (07091810-1)

**Surveillance of Resistance to Formulations of Antimicrobials in Cultures of the Eye (Surface)**

- **PI:** Kerry Solomon
- **Dept:** Ophthalmology
- **Sponsor:** Allergan, Inc.
- **Award:** SURFACE (07091810-2)

**A Multi-Center, Open-Label, Randomized Study of the Pharmacokinetics of Azithromycin versus Moxifloxacin in Conjunctiva and Aqueous Tumor Following Single or Multiple Ocular Administration of Azasite Ophthalmic Solution, 1% or Vigamox in Subjects Undergoing Routine Cataract Surgery**

- **PI:** Kerry Solomon
- **Dept:** Ophthalmology
- **Sponsor:** Inspire Pharmaceuticals, Inc.
- **Award:** 041-103 (08012421-1)

### Crosson, Craig

**Principal Investigator**

**Outflow and IOP Study II**

- **Sponsor:** Lexicon Genetics, Inc.
- **Budget Dates:** 09/17/07 - 06/30/08
- **Direct:** $58,901

**Adenosine Agonist: Potential Antiglaucoma Agents**

- **Sponsor:** NIH/NEI
- **Budget Dates:** 03/01/08 - 02/28/09
- **Direct:** $238,572

**Vision Science**

- **Sponsor:** SC Research Centers of Economic Excellence
- **Budget Dates:** 06/01/08 - 05/31/09
- **Direct:** $1,337,393

**Co-Investigator**

**Kinin/PGE Interaction in Control of Intraocular Pressure**

- **PI:** Jerry Webb
- **Dept:** Cell and Molecular Pharmacology
- **Sponsor:** NIH/NEI
- **Award:** 5 R01 EY014653-04 (08021232-1)

### Crouch, Rosalie

**Principal Investigator**

**Synthetic Retinal Pigments and Binding Proteins**

- **Sponsor:** NIH/NEI
- **Budget Dates:** 04/01/08 - 03/31/09
- **Direct:** $237,895

**Maintenance of Cone Viability in the Absence of 11-cis Retinal**

- **Sponsor:** Fdn. Fighting Blindness
- **Budget Dates:** 06/01/08 - 05/31/09
- **Direct:** $77,965

**Neuron Systems, Inc.**

- **Sponsor:** Neuron Systems, Inc.
- **Budget Dates:** 03/31/08 - 03/30/09
- **Direct:** $4,690
PACD Scholars: Dr. Eric Buck
Sponsor: Univ. of South Carolina
Award: 91364J/5 P20 RR16461 (08072232)
Budget Dates: 05/01/08 - 04/30/09  Direct: $ 57,951

Crouch, Rosalie
Co-Investigator
The Role of Aquaporin-0 in Lens Development and Aging
PI: Kevin Schey  Sponsor: NIH/NEI  Total: $ 220,417
Dept: Cell and Molecular Pharmacology  Award: 5 R01 EY013462-06 (07061857-1)

Mentor
Research to Prevent Blindness: Medical Student Eye Research Fellowship
PI: Ryan Parker  Sponsor: Research to Prevent Blindness  Total: $ 30,000
Dept: Ophthalmology  Award: (07071928-1)

Kono, Masahiro
Co-Investigator
Synthetic Retinal Pigments and Binding Proteins
PI: Rosalie Crouch  Sponsor: NIH/NEI  Total: $ 237,895
Dept: Ophthalmology  Award: 5 R01 EY004939-25 (08021347-1)

Koutalos, Yiannis
Principal Investigator
Transport Processes in Photoreceptors
Sponsor: NIH/NEI
Award: 2 R01 EY014850-04A1 (07063032)
Budget Dates: 03/01/08 - 02/28/09  Direct: $ 234,458
Project Dates: 07/01/08 - 06/30/08  F & A: 94,042

Parker, Ryan
Principal Investigator
Research to Prevent Blindness: Medical Student Eye Research Fellowship
Sponsor: Research to Prevent Blindness
Award: (07071928)
Budget Dates: 07/01/07 - 06/30/08  Direct: $ 30,000
Project Dates: 07/01/07 - 06/30/08  F & A: 0

Rohrer, Baerbel
Principal Investigator
Neuroprotection in Age-Related Macular Degeneration (AMD) by Grape Extract
Sponsor: California Table Grape Comm.
Award: (07010824)
Budget Dates: 11/15/07 - 11/14/08  Direct: $ 20,833
Project Dates: 11/15/07 - 11/14/08  F & A: 4,167

Cell Death Mechanisms in Experimental Glaucma
Sponsor: Duke Univ.
Award: 5 R01 ET016516-03 (07060486)
Budget Dates: 07/01/07 - 06/30/08  Direct: $ 22,613
Project Dates: 08/01/07 - 06/30/08  F & A: 10,402

Support for Baerbel Rohrer Research
Sponsor: Hope for Vision
Award: (08011791)
Budget Dates: 02/01/08 - 01/31/09  Direct: $ 25,000
Project Dates: 02/01/08 - 01/31/09  F & A: 0

High Content Metabolic Screens for Anti-Degenerative Agents in the Retina
Sponsor: Fdn. Fighting Blindness
Award: TA-NP-0607-0446-MUSC-WG (08020485)
Budget Dates: 06/01/08 - 05/31/09  Direct: $ 200,000
Project Dates: 06/01/08 - 05/31/13  F & A: 0

Blocking Alternative Complement Activation in Animal Models of AMD
Sponsor: Fdn. Fighting Blindness
Award: TA-NP-0507-0387-USC (08050637)
Budget Dates: 05/01/08 - 04/30/09  Direct: $ 100,000
Project Dates: 05/01/08 - 04/30/10  F & A: 0

Co-PI/Project Leader
Dual-Hit Hypothesis of Aging-Related DA Dysfunction - Core B
PI: Ann-Charlotte Granholm  Sponsor: NIH/NIA  Total: $ 157,740
Dept: Neurosciences  Award: 5 P01 AG023630-03 (07050456-3)

Co-Investigator
Creation of a Fatty Acid 2-Hydroxylase-Knockout Mouse Model
PI: Hiroko Hama  Sponsor: NIH/NINDS  Total: $ 50,000
Dept: Biochemistry and Molecular Biology  Award: 1 R03 NS056075-01 (06102797-1)

Lipid Hydroxylation in Glial Cell Signaling and Myelination
PI: Hiroko Hama  Sponsor: NIH/NINDS  Total: $ 196,875
Dept: Biochemistry and Molecular Biology  Award: 1 R01 NS060807-01A1 (07020156-1)

Synthetic Retinal Pigments and Binding Proteins
PI: Rosalie Crouch  Sponsor: NIH/NEI  Total: $ 237,895
Dept: Ophthalmology  Award: 5 R01 EY004939-25 (08021347-1)
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<td>Sandoval, Helga</td>
<td>Other</td>
<td>Clinical Study of the ACRYSOF ReSTOR +3.0D ADD Power</td>
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<td>Surveillance of Resistance to Formulations of Antimicrobials in Cultures of the Eye</td>
<td>Allergan, Inc.</td>
<td>09/10/07 - 09/09/08</td>
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<td>Saunders, Richard</td>
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<td>A Multi-Center, Open-Label, Randomized Study of the Pharmacokinetics of Azithromycin</td>
<td>Inspire Pharmaceuticals, Inc.</td>
<td>05/05/08 - 11/30/08</td>
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<td>versus Moxifloxacin in Conjunctiva and Aqueous Tumor Following Single or Multiple Ocular Administration of AzaSite Ophthalmic Solution, 1% or Vigamox in Subjects Undergoing Routine Cataract Surgery</td>
<td>Advanced Medical Optics, Inc.</td>
<td>04/25/08 - 06/30/09</td>
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<td>Clinical Evaluation of the Tecnis Multifocal Intraocular Lens, Model ZM900 Study Expansion</td>
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<td>A Prospective, Multi-Center Evaluation of Customer Preference in Using the High Repetition Rate Intralase FS Laser for the Creation of Corneal Flaps as the Initial Step in Lasik Surgery</td>
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<td>Evaluation of Outcomes Using the AMO Advanced CustomVue Lasik Procedure (Wavescan Wavefront System, Star S4 IR Excimer Laser System and Intralase FS System)</td>
<td>iLasik (08061229)</td>
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<td>Infant Aphakia Treatment Study</td>
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Research to Prevent Blindness Unrestricted Grant  
Sponsor: Research to Prevent Blindness  
Budget Dates: 01/01/08 - 12/31/08  
Direct: $110,000

Wilson, M.  
Co-PI/Project Leader  
AquaLase Capsule Wash Pediatric Study  
Pl: Rupalben Trivedi  
Dept: Ophthalmology  
Award: (08011575)  
Project Dates: 01/01/08 - 12/31/08  
F & A: 0

Orthopaedic Surgery  
Barfield, William  
Co-Investigator  
Randomized, Prospective, Clinical Trial Comparing Reamer Irrigator Aspirator (RIA) to Standard Reaming (SR) in Both Minimally Injured and Multiply Injured Patients with Closed Femoral Shaft Fractures Treated with Reamed Intramedullary Nailing (IMN)  
Pl: Langdon Hartsock  
Dept: Orthopaedic Surgery  
Award: (08011289)  
Project Dates: 01/01/08 - 12/31/08  
F & A: $2,500

Hartsock, Langdon  
Principal Investigator  
Randomized, Prospective, Clinical Trial Comparing Reamer Irrigator Aspirator (RIA) to Standard Reaming (SR) in Both Minimally Injured and Multiply Injured Patients with Closed Femoral Shaft Fractures Treated with Reamed Intramedullary Nailing (IMN)  
Pl: Langdon Hartsock  
Dept: Orthopaedic Surgery  
Award: (08011289)  
Project Dates: 01/01/08 - 12/31/08  
F & A: $2,500

Kang, Qian  
Co-Investigator  
Clemson MUSC Orthopedic Research Training Program  
Pl: Richard Swaja  
Dept: Cell Biology and Anatomy  
Award: 1133-7558-246-2006025 (07071072-1)

Kokko, Kyle  
Principal Investigator  
Acceleration of Fracture Healing by Novel Periostin Polypeptides  
Sponsor: Orthopedic Trauma Assoc.  
Budget Dates: 06/01/08 - 05/31/09  
Direct: $10,000

Wen, Xuejun  
Principal Investigator  
Effect of Silver Coating on the New Bone Formation: An In Vivo Evaluation  
Sponsor: Stryker Orthopaedics  
Budget Dates: 09/10/07 - 09/09/08  
Direct: $47,247

Otolaryngology  
Ahlstrom, Jayne  
Co-Investigator  
Auditory Analysis and Speech Recognition  
Pl: Judy Dubno  
Dept: Otolaryngology  
Award: 5 R01 DC000184-26 (07042417-1)

Dubno, Judy  
Principal Investigator  
Experimental and Clinical Studies of Presbyacusis - Project 1 Supplement  
Sponsor: NIH/NIDCD  
Budget Dates: 07/01/07 - 06/30/08  
Direct: $68,493

Auditory Analysis and Speech Recognition  
Sponsor: NIH/NIDCD  
Budget Dates: 07/01/07 - 06/30/08  
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**Principal Investigator**  
**Vitamin D Therapy to Enhance Intratumoral Anti-Cancer Immune Reactivity**  
Sponsor: VAMC  
Award: (05066632)  
Budget Dates: 10/01/07 - 09/30/08  
Direct: $148,000  
Project Dates: 10/01/04 - 09/30/09  
F & A: 0

Pathology and Laboratory Medicine  

**Cunningham, Lisa**  
**Principal Investigator**  
**Mechanisms of Sensory Hair Cell Death and Survival**  
Sponsor: NIH/NIDCD  
Award: 5 R01 DC007613-02 (07041682)  
Budget Dates: 07/01/07 - 06/30/08  
Direct: $237,045  
Project Dates: 07/15/05 - 06/30/10  
F & A: 109,041

Dammai, Vincent  
**Principal Investigator**  
**Cellular Factors Promoting Renal Cell Carcinoma**  
Sponsor: NIH/NCI  
Award: 5 R01 CA128002-02 (07112887)  
Budget Dates: 02/01/08 - 01/31/09  
Direct: $190,000  
Project Dates: 04/01/07 - 01/31/12  
F & A: 87,400

Co-Investigator  
**Role of Ets Genes in Transformation and Differentiation**  
Project 2: Ets1 and FGFR Function in Epithelial Cell Migration  
PI: Dennis Watson  
Sponsor: NIH/NCI  
Total: $134,945  
Dept: Pathology and Laboratory Medicine  
Award: 5 P01 CA078582-09 (08022833-3)

Fan, Weimin  
**Principal Investigator**  
**Experimental Studies of Protein Kinase Inhibitors**  
Sponsor: Xcovery, Inc.  
Award: Project 2 (07042206)  
Budget Dates: 07/01/07 - 06/30/08  
Direct: $158,003  
Project Dates: 07/01/07 - 06/30/08  
F & A: 72,681

Hsu, Tien  
**Principal Investigator**  
**VHL and FGFR Signaling in Angiogenesis**  
Sponsor: NIH/NCI  
Award: 5 R01 CA109860-05 (08030448)  
Budget Dates: 05/01/08 - 04/30/09  
Direct: $194,378  
Project Dates: 07/01/04 - 04/30/09  
F & A: 89,414

Co-PI/Project Leader  
**Role of Ets Genes in Transformation and Differentiation**  
Project 1: Role of an Epithelial ETS Factor in Breast Cancer  
PI: Dennis Watson  
Sponsor: NIH/NCI  
Total: $266,056  
Dept: Pathology and Laboratory Medicine  
Award: 5 P01 CA078582-09 (08022833-2)

Role of Ets Genes in Transformation and Differentiation - Project 2: Ets1 and FGFR Function in Epithelial Cell Migration  
PI: Dennis Watson  
Sponsor: NIH/NCI  
Total: $134,945  
Dept: Pathology and Laboratory Medicine  
Award: 5 P01 CA078582-09 (08022833-3)

Co-Investigator  
**Role of Ets Genes in Transformation and Differentiation**  
Core C: Cellular Function Core  
PI: Dennis Watson  
Sponsor: NIH/NCI  
Total: $24,993  
Dept: Pathology and Laboratory Medicine  
Award: 5 P01 CA078582-09 (08022833-7)

Kawamori, Toshihiko  
**Co-Investigator**  
**Sphingosine Phosphate Role in Inflammation**  
PI: Lina Obeid  
Sponsor: NIH/NIGMS  
Total: $180,154  
Dept: Medicine  
Award: 5 R01 GM062887-07 (07061551-1)
Keogh, Christine
Principal Investigator

Protective and Proliferative Effects of Recombinant Human Erythropoietin on Endothelial Cells after Neonatal Stroke
Sponsor: Amer. Heart Assoc.
Award: 0615478U (07061961)

Project Dates: 07/01/06 - 06/30/08
Direct: $ 20,000

Lang, Hainan
Principal Investigator

Cell Survival and Cell Death in the Auditory Nerve
Sponsor: NIH/NIDCD
Award: 5 R03 DC007506-03 (07112884)

Project Dates: 02/15/06 - 01/31/09
Direct: $ 48,550

Award:

Project Dates: 02/01/08 - 01/31/09
Direct: $ 48,550

F & A: 0

Hematopoietic Origin of Mesenchymal Cells
Sponsor: NIH/NIDDK
Award: 1 R01 DK077821-01A1 (07020260-1)

Project Dates: 03/01/08 - 02/28/10
Direct: $ 212,500

F & A: 55,250

Lazarchick, John
Principal Investigator

Evaluation of the Cascade POC Analyzer and the PT-WB and PTT-WB Cards
Sponsor: Helena Laboratories
Award: (07111233)

Project Dates: 11/15/07 - 06/30/08
Direct: $ 11,014

F & A: 2,129

Ogawa, Makio
Principal Investigator

Hematopoietic Origin of Mesenchymal Cells
Sponsor: NIH/NIDDK
Award: 1 R01 DK077821-01A1 (07020260)

Project Dates: 03/01/08 - 02/28/10
Direct: $ 212,500

Tissue Reconstituting Potential of Human Stem Cells
Sponsor: NIH/NHLBI
Award: 5 R01 HL075699-04 (08020695)

Project Dates: 04/01/08 - 03/31/09
Direct: $ 213,341

F & A: 55,469

Re, Gian
Co-Investigator

Evaluations of the Cepheid HemosIL Xpert Factor II and V Assay According to the Beta Protocol, Beta
Evaluation of the HemosIL Xpert Factor II and V Assay
Pl: Daynna Wolff
Dept: Pathology and Laboratory Medicine
Sponsor: Cepheid
Award: Beta Protocol (07062809-2)

Total: $ 10,920

Evaluations of the Cepheid HemosIL Xpert Factor II and V Assay According to the Clinical Protocol, Clinical
Evaluation of the HemosIL Xpert Factor II and V Assay
Pl: Daynna Wolff
Dept: Pathology and Laboratory Medicine
Sponsor: Cepheid
Award: (07102980-1)

Total: $ 79,534

Evaluations of the Cepheid HemosIL Xpert Factor II and V Assay According to the Clinical Protocol, Clinical
Evaluation of the HemosIL Xpert Factor II and V Assay
Pl: Daynna Wolff
Dept: Pathology and Laboratory Medicine
Sponsor: Cepheid
Award: (07102980-2)

Total: $ 5,440

Schulte, Bradley
Principal Investigator

Inner Ear Ion Transport Mechanisms
Sponsor: NIH/NIDCD
Award: 2 R01 DC000713-16A2 (06101742)

Project Dates: 08/01/07 - 07/31/08
Direct: $ 212,500

F & A: 97,750

Angiogenesis, Functional Recovery and TNF-a after Stroke
Pl: Ling Wei
Dept: Pathology and Laboratory Medicine
Sponsor: NIH/NINDS
Award: 5 R01 NS045810-05 (08021561-1)

Total: $ 175,414

Singh, Avtar
Principal Investigator

AMP Kinase Activity in Stroke Injury
Sponsor: VAMC
Award: (08042165)

Project Dates: 01/01/08 - 12/31/08
Direct: $ 144,400

F & A: 0
Singh, Avtar

Co-Investigator
Structure/Function of Peroxisomes in Neuroinflammation
PI: Inderjit Singh
Dept: Pediatrics
Sponsor: NIH/NINDS
Award: 5 R01 NS034741-12 (08041858-1)
Total: $ 219,267

Spyropoulos, Demetri

Co-Investigator
Expression and Function of Hemoglobin in Alveolar Epithelial Cells
PI: John Baatz
Dept: Pediatrics
Sponsor: NIH/NHLBI
Award: 1 R01 HL085738-01A2 (07030109-1)
Total: $ 225,000

Mechanisms and Significance of Cubilin-Mediated HDL Uptake
PI: W. Argraves
Dept: Cell Biology and Anatomy
Sponsor: NIH/NHLBI
Award: 5 R01 HL061873-06 (07071714-1)
Total: $ 242,750

Steed, Lisa

Principal Investigator
BBL CHROMagar VRE Evaluation for Detection of Vancomycin Resistance in Enterococci
Sponsor: Becton Dickinson
Budget Dates: 05/01/07 - 04/30/09
Direct: $ 64,100
Award: 05C1-020-CVRE-MUSC (07042731)
Project Dates: 05/01/07 - 04/30/09
F & A: 15,900

Clinical Investigation of BBL CHROMagar 0157 (07C4-011-C0157-MUSC)
Sponsor: Becton Dickinson
Budget Dates: 09/01/07 - 09/30/07
Direct: $ 578
Award: 07C3-011-C0157-MUSC (07082022)
Project Dates: 09/01/07 - 09/30/07
F & A: 144

Sui, Meihua

Co-Investigator
Experimental Studies of Protein Kinase Inhibitors
PI: Weimin Fan
Dept: Pathology and Laboratory Medicine
Sponsor: Xcovery, Inc.
Award: Project 2 (07042206-1)
Total: $ 158,003

Wang, Yong

Co-Investigator
Cancer Therapy-Induced Long-Term Bone Marrow Injury
PI: Daohong Zhou
Dept: Pathology and Laboratory Medicine
Sponsor: NIH/NCI
Award: 1 R01 CA122023-01A1 (06101743-1)
Total: $ 190,000

Promoting Hematopoietic and Immune Reconstitution after Total Body Irradiation
PI: Daohong Zhou
Dept: Pathology and Laboratory Medicine
Sponsor: Duke Univ.
Award: 140514/303-0914 parent (07011254-2)
Total: $ 66,667

Radiation-Induced Lymphoid and Hematopoietic Toxicity
PI: Daohong Zhou
Dept: Pathology and Laboratory Medicine
Sponsor: NIH/NCI
Award: 5 R01 CA086860-06 (07113095-1)
Total: $ 101,255

Watson, Dennis

Principal Investigator
Role of Ets Genes in Transformation and Differentiation
Sponsor: NIH/NCI
Budget Dates: 05/01/08 - 04/30/09
Direct: $ 774,905
Award: 5 P01 CA078582-09 (08022833)
Project Dates: 09/30/09 - 04/30/10
F & A: 356,456

Wei, Ling

Principal Investigator
Novel Strategy for Neurovascular Repair after Neonatal Ischemic Stroke
PI: Inderjit Singh
Dept: Pediatrics
Sponsor: NIH/NINDS
Budget Dates: 01/01/08 - 12/31/08
Direct: $ 90,909
Award: 084011N (07071077)
Project Dates: 01/01/08 - 12/31/12
F & A: 9,091

Angiogenesis, Functional Recovery and TNF-a after Stroke
Sponsor: NIH/NINDS
Budget Dates: 04/01/08 - 03/31/09
Direct: $ 175,414
Award: 5 R01 NS045810-05 (08021561)
Project Dates: 07/01/04 - 03/31/09
F & A: 80,690

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Wei, Ling

Co-Investigator

Neuroprotection of NR3A in Cultured Neurons and Ischemic Neonates
PI: Shan Yu  Sponsor: NIH/NINDS  Total: $175,000
Dept: Pharmaceutical and Biomedical Science  Award: 1 R01 NS057255-01A1 (06101232-1)

Role of Proteinase in Spinal Cord Injury
PI: Naren Banik  Sponsor: NIH/NINDS  Total: $224,106
Dept: Neurosciences  Award: 5 R01 NS031622-14 (08041131-1)

Wolff, Daynna

Principal Investigator

Evaluations of the Cepheid HemosIL Xpert Factor II and V Assay According to the Beta Protocol, Beta Evaluation of the HemosIL Xpert Factor II and V Assay
Sponsor: Cepheid  Budget Dates: 04/12/07 - 04/12/08  Direct: $10,920
Award: Beta Protocol (07062809)  Project Dates: 04/12/07 - 04/12/08  F & A: $2,730

Evaluations of the Cepheid HemosIL Xpert Factor II and V Assay According to the Clinical Protocol, Clinical Evaluation of the HemosIL Xpert Factor II and V Assay
Sponsor: Cepheid  Budget Dates: 10/10/07 - 10/10/08  Direct: $84,974
Award: (07102980)  Project Dates: 10/10/07 - 10/10/08  F & A: $21,243

Won, Je-Seong

Co-Investigator

Cytokines in Glial Cells and EAE Brain
PI: Inderjit Singh  Sponsor: NIH/NINDS  Total: $219,267
Dept: Pediatrics  Award: 5 R01 NS037766-09 (07070970-1)

Zhou, Daohong

Principal Investigator

Cancer Therapy-Induced Long-Term Bone Marrow Injury
Sponsor: NIH/NCI  Budget Dates: 07/01/07 - 05/31/08  Direct: $190,000
Award: 1 R01 CA122023-01A1 (06101743)  Project Dates: 07/01/07 - 05/31/12  F & A: $87,400

Promoting Hematopoietic and Immune Reconstitution after Total Body Irradiation
Sponsor: Duke Univ.  Budget Dates: 08/01/07 - 07/31/08  Direct: $66,667
Award: 140514/303-0914 parent (07011254)  Project Dates: 05/01/07 - 07/31/08  F & A: $30,666

Radiation-Induced Lymphoid and Hematopoietic Toxicity
Sponsor: NIH/NCI  Budget Dates: 03/01/08 - 02/28/09  Direct: $101,255
Award: 5 R01 CA086860-06 (07113095)  Project Dates: 09/01/00 - 02/29/12  F & A: $46,577

Cancer Therapy-Induced Long-Term Bone Marrow Injury
Sponsor: NIH/NCI  Budget Dates: 06/01/08 - 05/31/09  Direct: $190,000
Award: 5 R01 CA122023-02 (08041546)  Project Dates: 07/01/07 - 05/31/12  F & A: $87,400

Co-Investigator

Inner Ear Ion Transport Mechanisms
PI: Bradley Schulte  Sponsor: NIH/NIDCD  Total: $212,500
Dept: Pathology and Laboratory Medicine  Award: 2 R01 DC000713-16A2 (06101742-1)

Pediatrics

Abel, Anne

Principal Investigator

South Carolina Child Abuse and Neglect Medical Response System (SCCAMRS)
Sponsor: Univ. of South Carolina  Budget Dates: 10/01/07 - 06/30/08  Direct: $174,574
Award: 08-1487/18140 GL26 (08031368)  Project Dates: 10/01/07 - 06/30/08  F & A: $0

Appiagyei-Dankah, Yaw

Principal Investigator

The Genetics and Neuroendocrinology of Short Stature International Study
Sponsor: Lilly Research Laboratories  Budget Dates: 04/01/03 - 03/31/10  Direct: $61,280
Award: B9R-EW-GDFC(A) (03050705)  Project Dates: 04/01/03 - 03/31/10  F & A: $15,320

Hulda Wohltmann Lecture
Sponsor: Genentech, Inc.  Budget Dates: 10/01/07 - 10/01/08  Direct: $6,500
Award: 004029 (07100484)  Project Dates: 10/01/07 - 10/01/08  F & A: $0

Hulda Wohltmann Lecture
Sponsor: Serono Laboratories  Budget Dates: 10/01/07 - 10/01/08  Direct: $1,000
Award: (07100485)  Project Dates: 10/01/07 - 10/01/08  F & A: $0
A Phase 3, Multi-Center, Open-Label Study to Evaluate the Efficacy and Safety of Leuprolide Acetate 30mg Formulation in Children with Central Precocious Puberty

Atz, Andrew
Principal Investigator
A Study to Evaluate the Safety, Tolerability, Pharmacokinetics, and Immunogenicity of MEDI-524, a Humanized Enhanced Potency Monoclonal Antibody against Respiratory Syncytial Virus (RSV), in Children with Hemodynamically Significant Congenital Heart Disease

Baatz, John
Principal Investigator
Expression and Function of Hemoglobin in Alveolar Epithelial Cells

Bandisode, Varsha
Principal Investigator
Closure of Perimembranous Ventricular Septal Defects with the AMPLATZER Membranous VSD Occluder

Basco, William
Principal Investigator
Prescribing Errors in Ambulatory Pediatric Care

Bowiby, Deborah
Principal Investigator
Recombinant Human Growth Hormone and Recombinant Human Insulin-Like Growth Factor-1 Combination Therapy in Children with Short Stature Associated with IGF-1 Deficiency: A Three-year, Randomized, Multi-Center, Open-Label, Parallel-Group, Active Treatment Controlled, Dose Selection Trial
| Sponsor: Tercica, Inc. | Budget Dates: 01/17/08 - 01/31/12 | Direct: $45,962 |
| Award: MS316 (08013059) | Project Dates: 01/17/08 - 01/31/12 | F & A: $10,678 |

### Carpenter, Laura

#### Other

**SC Autism and Developmental Disabilities Monitoring Project**

- **PI:** Jane Charles
- **Sponsor:** CDC
- **Budget Dates:** 06/01/08 - 05/31/10
- **Direct:** $269,231
- **Award:** 5 UR3 DD000083-03 (08032756-1)

**Fragile X Supplemental Application**

- **PI:** Jane Charles
- **Sponsor:** CDC
- **Budget Dates:** 06/01/08 - 05/31/10
- **Direct:** $116,538
- **Award:** 5 UR3 DD000083-03 (08032757-1)

### Charles, Jane

#### Principal Investigator

**Autism Treatment Network for South Carolina**

- **Sponsor:** Univ. of South Carolina
- **Budget Dates:** 03/01/07 - 08/31/07
- **Direct:** $7,000
- **Award:** 08-1469/07-06 (07080379)

#### Personnel Development Collaboration - IDEA

- **Sponsor:** SC Dept. of Education
- **Budget Dates:** 07/01/07 - 06/30/08
- **Direct:** $1,000
- **Award:** 08-CO-306-01 (07121775)

**SC Autism and Developmental Disabilities Monitoring Project**

- **Sponsor:** CDC
- **Budget Dates:** 06/01/06 - 05/31/10
- **Direct:** $269,231
- **Award:** 5 UR3 DD000083-03 (08032756)

**Fragile X Supplemental Application**

- **Sponsor:** CDC
- **Budget Dates:** 06/01/06 - 05/31/10
- **Direct:** $116,538
- **Award:** 5 UR3 DD000083-03 (08032757)

### Cheek, Deanna

#### Principal Investigator

**African American Study of Kidney Diseases and Hypertension (AASK) Cohort Study**

- **Sponsor:** Univ. of Massachusetts
- **Budget Dates:** 07/11/06 - 06/30/07
- **Direct:** $104,143
- **Award:** 6067243/RFS700020 (06110830)

**AASK Cohort Study**

- **Sponsor:** NIH/NIDDK
- **Budget Dates:** 07/01/02 - 06/30/07
- **Direct:** $11,292
- **Award:** 3 U01 DK048659-12S1 (07080170)

### Contreras, Miquel

#### Co-Investigator

**Structure/Function of Peroxisomes in Neuroinflammation**

- **Sponsor:** NIH/NINDS
- **Budget Dates:** 07/01/03 - 06/30/08
- **Direct:** $219,267
- **Award:** 5 R01 NS034741-12 (08041858-1)

### Darden, Paul

#### Principal Investigator

**A Phase Illb, Open, Randomized, Controlled, Multi-Center Study of the Immunogenicity and Safety of GlaxoSmithKline Biologicals, Inactivated Hepatitis A Vaccine (Havrix) (720 EL/0.5 mL Dose) Administered on a 0, 6-Month Schedule Concomitantly with GlaxoSmithKline Biologicals’ DTaP Vaccine (Infanrix) and Aventis Pasteur’s Haemophilus b Conjugate (Tetanus Toxoid Conjugate) Vaccine (ActHIB) in Healthy Children 15 Months of Age**

- **Sponsor:** GlaxoSmithKline
- **Budget Dates:** 11/14/03 - 03/25/08
- **Direct:** $6,104
- **Award:** 208109/232 (03120103)

**Provider Reminders: Improving Vaccine Delivery in Office Practice**

- **Sponsor:** CDC
- **Budget Dates:** 09/01/07 - 08/31/08
- **Direct:** $136,986
- **Award:** 1 U01 IP000146-01 (07042309)

**Fellowship in Health Services Research**

- **Sponsor:** AHRQ
- **Budget Dates:** 07/01/07 - 06/30/08
- **Direct:** $390,246
- **Award:** 5 T32 HS013851-05 (07050243)

**Faculty Development in Primary Care**

- **Sponsor:** HRSA
- **Budget Dates:** 07/01/07 - 06/30/09
- **Direct:** $186,656
- **Award:** 5 D55 HP05159-03-02 (07080275)

**Teaching Immunization Development and Evaluation (TIDE)**

- **Sponsor:** Sanofi-Aventis US, Inc.
- **Budget Dates:** 02/01/08 - 02/01/09
- **Direct:** $7,000
- **Award:** TIDE (07100998)
The Acceptability of Subcutaneous Infusion of Fluids with Hyaluronidase in Different Body Sites

Sponsor: Baxter Health Care
Budget Dates: 01/11/08 - 01/10/09
Direct: $240,996
Award: (08011579)

Exploratory Evaluation of a Two-Dose Schedule Versus a One-Dose Schedule of Menactra (Meningococcal [Groups A, C, Y and W-135] Polysaccharide Diphtheria Toxoid Conjugate Vaccine) in Children in the US

Sponsor: Sanofi Pasteur
Budget Dates: 06/06/08 - 07/09/09
Direct: $45,828
Award: MTA61 (08052316)

A Phase 3, Open-Label, Randomized, Multi-Center Study to Evaluate the Safety and Immunogenicity of ProQuad Vaccine When Administered Concomitantly with Novartis Meningococcal ACWY Conjugate Vaccine to Healthy Toddlers

Sponsor: Novartis Corp.
Budget Dates: 06/01/08 - 01/31/10
Direct: $69,948
Award: V59P21 (08052317)

Darden, Paul
Co-PI/Project Leader
Academic Administrative Units in Primary Care
Pl: John Reigart, II
Dept: Pediatrics
Sponsor: HRSA
Total: $111,689
Award: 5 D54 HP05448-03-00 (07091496-1)

Dobson, Joseph
Co-Investigator
EMSC Targeted Issue Grants
Pl: Paul Jacques
Dept: Clinical Services
Sponsor: HRSA
Total: $13,246
Award: 5 H34 MC04369-03 (06110623-2)

Forbus, Geoffrey
Co-Investigator
Randomized Clinical Trials for Pediatric Heart Disease
Pl: J. Saul
Dept: Pediatrics
Sponsor: NIH/NHLBI
Total: $194,200
Award: 5 U01 HL068281-01 (07070666-1)

Giri, Shailendra
Principal Investigator
AMP-Activated Protein Kinase as a Key Target for EAE Disease Process
Sponsor: National Multiple Sclerosis Society
Budget Dates: 04/01/08 - 03/31/09
Direct: $140,357
Award: RG 3810-A-1 (05080219)

Graham, Eric
Principal Investigator
Preoperative Corticosteroid Therapy in Neonates Undergoing Cardiopulmonary Bypass
Sponsor: Amer. College of Cardiology
Budget Dates: 07/01/07 - 06/30/08
Direct: $65,000
Award: (07042521)

Gustafson, Kristina
Co-Investigator
Provider Reminders: Improving Vaccine Delivery in Office Practice
Pl: Paul Darden
Dept: Pediatrics
Sponsor: CDC
Total: $136,986
Award: 1 U01 IP000146-01 (07042309-1)

The Acceptability of Subcutaneous Infusion of Fluids with Hyaluronidase in Different Body Sites
Pl: Paul Darden
Dept: Pediatrics
Sponsor: Baxter Health Care
Total: $240,996
Award: (08011579-1)

Haemmerich, Dieter
Principal Investigator
Prevention of Ground Pad Burns During Radiofrequency Tumor Ablation
Sponsor: NIH/NCI
Budget Dates: 07/01/07 - 05/31/08
Direct: $166,076
Award: 1 R01 CA118990-01A2 (06062715)

Development of Multi-Probe Radiofrequency Ablation
Sponsor: Univ. of Wisconsin
Budget Dates: 05/01/07 - 04/30/08
Direct: $33,817
Award: 280H604/1 R01 CA108869-02 (07072444)

Prevention of Ground Pad Skin Burns During Radiofrequency Tumor Ablation
Sponsor: NIH/NCI
Budget Dates: 07/01/07 - 05/31/09
Direct: $168,960
Award: 5 R01 CA118990-02 (08040281)
Hartzog, Timothy

**Principal Investigator**

**Pediatric Peripheral Intravenous Access: The Number of Needle Sticks, Child Pain and Parental Distress**

Sponsor: Baxter Health Care  
**Budget Dates:** 08/22/07 - 08/21/09  
Direct: $218,189

**Award:**  
**Project Dates:** 08/22/07 - 08/21/09  
F & A: $53,922

**Co-Investigator**

**The Acceptability of Subcutaneous Infusion of Fluids with Hyaluronidase in Different Body Sites**

Pl: Paul Darden  
Sponsor: Baxter Health Care  
Total: $240,996

Henshaw, Melissa

**Co-Investigator**

General Clinical Research Center  
Pl: Joseph Reves  
Sponsor: NIH/NCRR  
Total: $1,722,871

**Significant Contributor**

General Clinical Research Center  
Pl: Joseph Reves  
Sponsor: NIH/NCRR  
Total: $1,762,556

Hollis, Bruce

**Principal Investigator**

**Evaluation of Vitamin D Requirements During Pregnancy**

Sponsor: NIH/NICHD  
**Budget Dates:** 08/01/07 - 07/31/08  
Direct: $341,092

**Award:**  
**Project Dates:** 08/01/07 - 07/31/08  
F & A: $156,902

**Establishing the Vitamin D Requirements During Lactation**

Sponsor: NIH/NICHD  
**Budget Dates:** 08/01/07 - 07/31/08  
Direct: $392,032

**Award:**  
**Project Dates:** 09/28/06 - 07/31/11  
F & A: $121,621

**Co-Investigator**

Vitamin D Insufficiency and Cardiovascular Risk in Type 2 Diabetes  
Pl: Louis Luttrell  
Sponsor: Amer. Heart Assoc./Mid-Atlant  
Total: $60,000

**Department:** Medicine  
**Award:** 0755466U (07010511-1)

Hulsey, Thomas

**Co-PI/Project Leader**

Southeastern Predoctoral Training in Clinical Research (RMI) - Admin Core  
Pl: Barbara Tilley  
Sponsor: NIH/NCRR  
Total: $69,865

**Dept:** Biostatistics, Bioinformatics and Epidemiology  
**Award:** 5 T32 RR023258-03 (07042730-3)

Southeastern Predoctoral Training in Clinical Research (RMI) - Curriculum Core  
Pl: Barbara Tilley  
Sponsor: NIH/NCRR  
Total: $71,550

**Dept:** Biostatistics, Bioinformatics and Epidemiology  
**Award:** 5 T32 RR023258-03 (07042730-4)

**Co-Investigator**

Provider Reminders: Improving Vaccine Delivery in Office Practice  
Pl: Paul Darden  
Sponsor: CDC  
Total: $136,986

**Dept:** Pediatrics  
**Award:** 1 U01 IP000146-01 (07042309-1)

Evaluation of Vitamin D Requirements During Pregnancy  
Pl: Bruce Hollis  
Sponsor: NIH/NICHD  
Total: $341,092

**Dept:** Pediatrics  
**Award:** 5 R01 HD043921-05 (07061444-1)

Establishing the Vitamin D Requirements During Lactation  
Pl: Bruce Hollis  
Sponsor: NIH/NICHD  
Total: $392,032

**Dept:** Pediatrics  
**Award:** 5 R01 HD047511-02 (07061553-1)

**Faculty Development in Primary Care**

Pl: Paul Darden  
Sponsor: HRSA  
Total: $186,656

**Dept:** Pediatrics  
**Award:** 5 D55 HP05159-03-02 (07080275-1)

**General Clinical Research Center**

Pl: Joseph Reves  
Sponsor: NIH/NCRR  
Total: $1,722,871

**Dept:** Anesthesia and Perioperative Medicine  
**Award:** 5 M01 RR001070-30A1 (07042730-3)

**Significant Contributor**

General Clinical Research Center  
Pl: Joseph Reves  
Sponsor: NIH/NCRR  
Total: $1,762,556

**Dept:** Anesthesia and Perioperative Medicine  
**Award:** 2 M01 RR001070-30A1 (06100397-1)
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<td>Jackson, Sherron</td>
<td>Stroke with Transfusions Changing to Hydroxyurea (SWiTCH)</td>
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<td>08/01/07 - 07/31/08</td>
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<td>Growth Assessment by PEAPOD Analysis and its Correlation with Neurodevelopmental Outcome in Infants &lt;1250 Grams at Birth Born at MUSC</td>
<td>Life Measurement, Inc.</td>
<td>08/16/07 - 01/15/09</td>
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<td>Genentech</td>
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<td>Genentech National Cooperative Growth Study Post-Marketing Surveillance Program for Protropin and Nutropin</td>
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Kolb, Robert

**Principal Investigator**

**The Role of the Primary Cilium in Glomerular Podocyte Cells**
*Sponsor:* NIH/NIDDK  
*Budget Dates:* 06/05/08 - 05/31/09  
*Direct:* $120,625

**Award:** 1 K01 DK075652-01A2 (08031926)  
*Project Dates:* 06/05/08 - 05/31/13  
*F & A:* $9,650

Kral, Mary

**Principal Investigator**

**Ameliorating Attention Problems in Children with SCD**
*Sponsor:* Temple University  
*Budget Dates:* 06/01/07 - 05/31/08  
*Direct:* $28,563

**Award:** MUSC 293(04-05)/R21HD0492 (07032922)  
*Project Dates:* 06/01/06 - 05/31/08  
*F & A:* $13,139

Kraveka, Jacqueline

**Principal Investigator**

**Amanda’s Fund of Coastal Community Foundation of SC - CanTeen Program**
*Sponsor:* Coastal Community Fdn. of SC  
*Budget Dates:* 06/01/07 - 12/31/08  
*Direct:* $1,500

**Children’s Oncology Group Chair Grant**
*Sponsor:* National Childhood Cancer Fdn.  
*Budget Dates:* 03/01/07 - 02/29/08  
*Direct:* $11,010

**COG Per Case and Specimen Reimbursement**
*Sponsor:* National Childhood Cancer Fdn.  
*Budget Dates:* 07/04/06 - 03/31/09  
*Direct:* $63,463

**Role of Ceramide in Human Neuroblastoma Differentiation**
*Sponsor:* NIH/NCI  
*Budget Dates:* 07/04/07 - 08/31/08  
*Direct:* $124,950

**Metabolomic Profiling of Biactive Sphingolipids in Neuroblastoma**
*Sponsor:* Rally Fdn.  
*Budget Dates:* 04/01/08 - 03/31/09  
*Direct:* $15,000

LaRosa, Angela

**Principal Investigator**

**A 10 Week, Double-Blind, Placebo-Controlled Study to Evaluate the Efficacy and Safety of Donepezil Hydrochloride (Aricept) in the Treatment of the Cognitive Dysfunction Exhibited by Children with Down Syndrome**
*Sponsor:* Pfizer, Inc.  
*Budget Dates:* 01/30/08 - 01/31/09  
*Direct:* $52,660

**An Open-Label Study to Evaluate the Safety of Donepezil Hydrochloride (Aricept) for up to 1 Year in the Treatment of the Cognitive Dysfunction Exhibited by Children with Down Syndrome**
*Sponsor:* Icon Clinical Research, Inc.  
*Budget Dates:* 04/15/08 - 05/20/09  
*Direct:* $34,400

Lee, Kyu-Ho

**Co-PI/Project Leader**

**SC Cobre for Developmentally Based Cardiovascular Diseases - Project 1**
*Pl:* Roger Markwald  
*Sponsor:* NIH/NCRR  
*Total:* $142,000

**Dept:** Cell Biology and Anatomy  
*Award:* 5 P20 RR016434-07 (07051183-2)

Lemon, Henry

**Principal Investigator**

**MUSC Children’s Care Medical Home Project**
*Sponsor:* Trident United Way  
*Budget Dates:* 07/01/07 - 06/30/08  
*Direct:* $100,000

**Family Literacy Project**
*Sponsor:* Trident United Way  
*Budget Dates:* 01/01/08 - 06/30/08  
*Direct:* $37,500

Losek, Joseph

**Principal Investigator**

**Increased Flow Utilizing Subcutaneously-Enabled Pediatric Rehydration (INFUSE-Pediatric Rehydration Study): Phase IV Study of Subcutaneous Rehydration with Recombinant Human Hyaluronidase (Hyalnex) for Infants and Children**
*Sponsor:* Baxter Health Care  
*Budget Dates:* 07/17/07 - 07/31/08  
*Direct:* $36,100
Award: 1838-003 (07080276)  Project Dates: 07/17/07 - 07/31/08  F & A: 8,400

Macias, Michelle

Co-Investigator
Training CED/COR Pediatric and Child Psychiatry
PI: Eve Spratt  Sponsor: HRSA  Total: $13,889
Dept: Psychiatry and Behavioral Sciences  Award: 5 T20 MC07467-02-00 (07051180-1)

Maria, Bernard

Principal Investigator
Targeting Hyaluronan-CD44 Interaction in MPNSTs
Sponsor: Children’s Tumor Foundation  Budget Dates: 01/01/08 - 12/31/08  Direct: $25,000
Award: 2007C-05-006 (07102677)  Project Dates: 01/01/08 - 12/31/08  F & A: 2,500

Biology of Spinal Cord Gliomas
Sponsor: Malias Cord Fdn.  Budget Dates: 07/01/07 - 06/30/08  Direct: $90,000
Award: (07121780)  Project Dates: 07/01/07 - 06/30/08  F & A: 0

Neurobiology of Disease in Children Conferences
Sponsor: NIH/NINDS  Budget Dates: 04/01/08 - 03/31/09  Direct: $60,000
Award: 5 R13 NS040925-10 (08011790)  Project Dates: 04/15/01 - 03/31/11  F & A: 0

Systemic HA Antagonism as Adjuvant Therapy for Malignant Glioma
Sponsor: Halozyme Therapeutics  Budget Dates: 02/01/08 - 01/31/09  Direct: $77,957
Award: Halozyme (08021334)  Project Dates: 02/01/08 - 01/31/09  F & A: 35,860

Co-PI/Project Leader
Perturbation of Hyaluronan Function in Cancer
PI: Bryan Toole  Sponsor: NIH/NCI  Total: $172,000
Dept: Cell Biology and Anatomy  Award: 2 R01 CA082867-07A1 (06022791-1)

Co-Investigator
Perturbation of Hyaluronan Function in Cancer
PI: Bryan Toole  Sponsor: NIH/NCI  Total: $172,000
Dept: Cell Biology and Anatomy  Award: 5 R01 CA082867-08 (08041135-1)

Marsh, Linda

Co-Investigator
Sea Island Teen Opportunity for Prevention Programs (STOPP)
PI: Janice Key  Sponsor: New Morning Fdn.  Total: $181,819
Dept: Pediatrics  Award: (07052552-1)

McBurney, Patricia

Co-Investigator
The Acceptability of Subcutaneous Infusion of Fluids with Hyaluronidase in Different Body Sites
PI: Paul Darden  Sponsor: Baxter Health Care  Total: $240,996
Dept: Pediatrics  Award: (08011579-1)

McQuinn, Tim

Principal Investigator
Research Training in Pediatric Cardiology
Sponsor: NIH/NHLBI  Budget Dates: 07/01/07 - 06/30/08  Direct: $243,374
Award: 5 T32 HL007710-13 (06122063)  Project Dates: 07/01/94 - 06/30/10  F & A: 17,015

Fluid Diode Prosthetic Pulmonary Valve
Sponsor: Clemson Univ.  Budget Dates: 01/01/08 - 12/31/08  Direct: $49,856
Award: 1009-7558-209-2005814 (08022615)  Project Dates: 01/01/07 - 12/31/08  F & A: 22,934

Co-PI/Project Leader
SC Cobre for Developmentally Based Cardiovascular Diseases - Core A1: Business Management
PI: Roger Markwald  Sponsor: NIH/NCRR  Total: $181,963
Dept: Cell Biology and Anatomy  Award: 5 P20 RR016434-07 (07051183-7)

Co-Investigator
SC Cobre for Developmentally Based Cardiovascular Diseases - Core A3: Program Development
PI: Roger Markwald  Sponsor: NIH/NCRR  Total: $62,152
Dept: Cell Biology and Anatomy  Award: 5 P20 RR016434-07 (07051183-9)

SC Cobre for Developmentally Based Cardiovascular Diseases - Core B: Imaging
PI: Roger Markwald  Sponsor: NIH/NCRR  Total: $193,516
Dept: Cell Biology and Anatomy  Award: 5 P20 RR016434-07 (07051183-10)
McQuinn, Tim  
**Mentor**  
SC CARE for Developmentally Based Cardiovascular Diseases - Core A2: Mentoring  
**PI:** Roger Markwald  
Sponsor: NIH/NCRR  
Total: $76,089  
**Dept:** Cell Biology and Anatomy  
**Award:** 5 P20 RR016434-07 (07051183-8)

Orak, John  
**Principal Investigator**  
**Peroxisomal Function in Renal Ischemia**  
Sponsor: Dialysis Clinics, Inc.  
Budget Dates: 12/01/07 - 11/30/08  
Direct: $60,000  
**Award:** C-302-P (07022777)  
Project Dates: 01/01/97 - 11/30/08  
F & A: 0

Pai, G.  
**Principal Investigator**  
**Data Registry**  
Sponsor: Genzyme Corp.  
Budget Dates: 04/01/08 - 03/31/09  
Direct: $7,000  
**Award:** Data Registry (08052939)  
Project Dates: 04/01/08 - 03/31/09  
F & A: 1,000

Peden-Adams, Margie  
**Principal Investigator**  
**Perfluorooctane Sulfonate (PFOS) Affects Immunity through PPAR-Alpha**  
Sponsor: NIH/NIEHS  
Budget Dates: 07/01/07 - 06/30/09  
Direct: $48,550  
**Award:** 5 R03 ES014058-02 (07050869)  
Project Dates: 09/15/06 - 06/30/09  
F & A: 12,623

**A Health Assessment of Atlantic Bottlenose Dolphins (Tursiops Truncatus) from the Indian River Lagoon, FL and Charleston, SC**  
Sponsor: Harbor Branch Oceanographic Inst. (Fl. Atlantic Un  
Budget Dates: 06/01/07 - 11/30/08  
Direct: $28,135  
**Award:** 998-1678-00 (07052551)  
Project Dates: 06/01/07 - 11/30/08  
F & A: 4,220

Purohit, Dilip  
**Principal Investigator**  
**Perinatal Regional Systems Development**  
Sponsor: SC DHEC  
Budget Dates: 07/01/07 - 06/30/08  
Direct: $236,080  
**Award:** MC-8-433 (07070660)  
Project Dates: 07/01/07 - 06/30/08  
F & A: 0

Reddy, Sakamuri  
**Principal Investigator**  
**Mechanisms of Bone Loss in Space: Microgravity Regulation of c-Fms Gene Expression in Osteoclast Progenitor Cells**  
Sponsor: Coll. of Charleston  
Budget Dates: 05/01/07 - 04/30/09  
Direct: $28,283  
**Award:** 520587-3099-Reddy-RAP-RG1 (07020890)  
Project Dates: 05/01/07 - 04/30/09  
F & A: 0

**Inhibition of Osteoclast Activity by OIP-1/HSCAL**  
Sponsor: NIH/NIDCR  
Budget Dates: 07/01/07 - 06/30/08  
Direct: $134,806  
**Award:** 5 R01 DE012603-09 (07050974)  
Project Dates: 04/10/99 - 06/30/09  
F & A: 62,010

**Program Project Grant - Pathobiology of Paget's Disease**  
Sponsor: Univ. of Pittsburgh  
Budget Dates: 09/01/07 - 08/31/08  
Direct: $117,550  
**Award:** 5 P01 AR49363-05/108156-5 (07062588)  
Project Dates: 07/01/04 - 08/31/08  
F & A: 54,074

**SCRA Task Order 0034 - Match for Dr. Reddy's SCSGC/NASA**  
Sponsor: SC Research Authority  
Budget Dates: 05/01/07 - 02/28/09  
Direct: $10,656  
**Award:** 20030549/Task Order #0034 (07082232)  
Project Dates: 05/01/07 - 02/28/09  
F & A: 0

Reed, John  
**Principal Investigator**  
**[SAMIS Trial] A Randomized, Double-Blind, Multi-Center Study of Antiarrhythmic Medications in the Treatment of Infants with Supraventricular Tachycardia**  
Sponsor: Univ. of British Columbia  
Budget Dates: 07/01/07 - 06/30/10  
Direct: $9,234  
**Award:** CTP-SAMIS-001 (07070341)  
Project Dates: 07/01/07 - 06/30/10  
F & A: 0
Reigart, II, John

Principal Investigator

Academic Administrative Units in Primary Care
Sponsor: HRSA
Award: 5 D54 HP05448-03-00 (07091496)

Co-Investigator

Pediatric Peripheral Intravenous Access: The Number of Needle Sticks, Child Pain and Parental Distress
PI: Timothy Hartzog
Dept: Pediatrics
Sponsor: Baxter Health Care
Award: 5 D55 HP05159-03-02 (07080275-1)

Faculty Development in Primary Care
PI: Paul Darden
Dept: Pediatrics
Sponsor: HRSA
Award: 5 D55 HP05159-03-02 (07080275-1)

The Acceptability of Subcutaneous Infusion of Fluids with Hyaluronidase in Different Body Sites
PI: Paul Darden
Dept: Pediatrics
Sponsor: Baxter Health Care
Award: 5 D55 HP05159-03-02 (07080275-1)

Ringewald, Jeremy

Principal Investigator

Bivalirudin (Angiomax) A Procedural Anticoagulant in the Pediatric Population Undergoing Intravascular Procedures for Congenital Heart Disease
Sponsor: The Medicines Co.
Award: TMC-BIV-07-01 (07072656)

Closure of Atrial Septal Defects with the AMPLATZER Septal Occluder Post Market Study (ASD PMS II)
Sponsor: Aga Medical Corp.
Award: AGA-014 (08052318)

Roberts, James

Principal Investigator

Integrating Environment Management of Pediatric Asthma Into Health Care: Creating Faculty Champions at Medical Schools and Outreach to the Health Care Community and Developing a Powerpoint Presentation
Award: (07122085)

Co-Investigator

Provider Reminders: Improving Vaccine Delivery in Office Practice
PI: Paul Darden
Dept: Pediatrics
Sponsor: CDC
Award: 1 U01 IP000146-01 (07042309-1)

The Acceptability of Subcutaneous Infusion of Fluids with Hyaluronidase in Different Body Sites
PI: Paul Darden
Dept: Pediatrics
Sponsor: Baxter Health Care
Award: (08011579-1)

Saul, J.

Principal Investigator

Randomized Clinical Trials for Pediatric Heart Disease
Sponsor: NIH/NHLBI
Award: 5 U01 HL68281-07 (07070666)

NERI/NIH Site Service Agreements
Sponsor: New England Research Institutes
Award: U01 HL68270 (08060690)

Shirali, Girish

Principal Investigator

Modified iE33 Ultrasound System and Transducer Project
Sponsor: Philips Medical Systems, NA
Award: G3.5 QLAB 7.0 (07111449)

Randomized Clinical Trials for Pediatric Heart Disease
PI: J. Saul
Dept: Pediatrics
Sponsor: NIH/NHLBI
Award: 5 U01 HL68281-07 (07070666-1)

Singh, Inderjit

Principal Investigator

Cytokines in Glial Cells and EAE Brain
Sponsor: NIH/NINDS
Award: 5 R01 NS037766-09 (07070970)
**Fatty Acid Oxidation in X-Linked Adrenoleukodystrophy**  
**Sponsor:** NIH/NINDS  
**Award:** 5 R37 NS022576-23 (07121141)  
**Budget Dates:** 02/01/08 - 01/31/09  
**Direct:** $324,491  
**Project Dates:** 09/09/08 - 01/31/10  
**F & A:** $149,268

**Structure/Function of Peroxisomes in Neuroinflammation**  
**Sponsor:** NIH/NINDS  
**Award:** 5 R01 NS034741-12 (08041858)  
**Budget Dates:** 05/01/08 - 04/30/09  
**Direct:** $219,267  
**Project Dates:** 04/22/96 - 04/30/09  
**F & A:** $100,863

**Singh, Inderjit**  
**Co-PI/Project Leader**  
**Peroxisomal Function in Renal Ischemia**  
**Pl:** John Orak  
**Dept:** Pediatrics  
**Sponsor:** Dialysis Clinics, Inc.  
**Total:** $60,000  
**Award:** C-302-P (07022777-2)

**Summer, Andrea**  
**Co-Investigator**  
**The Acceptability of Subcutaneous Infusion of Fluids with Hyaluronidase in Different Body Sites**  
**Pl:** Paul Darden  
**Dept:** Pediatrics  
**Sponsor:** Baxter Health Care  
**Total:** $240,996  
**Award:** (08011579-1)

**Taylor, Sarah**  
**Principal Investigator**  
**Identifying Vit D Deficiency and Effects in VLBW Infants**  
**Sponsor:** NIH/NCRF  
**Award:** 1 K23 RR021891-01A1 (06070555)  
**Budget Dates:** 07/01/07 - 06/30/08  
**Direct:** $128,252  
**Project Dates:** 07/01/07 - 06/30/12  
**F & A:** $10,260

**Teufel, II, Ronald**  
**Co-Investigator**  
**The Acceptability of Subcutaneous Infusion of Fluids with Hyaluronidase in Different Body Sites**  
**Pl:** Paul Darden  
**Dept:** Pediatrics  
**Sponsor:** Baxter Health Care  
**Total:** $240,996  
**Award:** (08011579-1)

**Virella-Lowell, Isabel**  
**Principal Investigator**  
**Loss of Acid Sphingomyelinase Induction by Pseudomonas Aeruginosa in Cystic Fibrosis**  
**Sponsor:** Cystic Fibrosis Research, Inc.  
**Award:** (07061856)  
**Budget Dates:** 10/01/06 - 09/30/08  
**Direct:** $30,448  
**Project Dates:** 05/22/08 - 05/21/11  
**F & A:** $0

**Denufosol Tetrasodium Inhalation Solution In Patients with Cystic Fibrosis Lung Disease**  
**Sponsor:** Inspire Pharmaceuticals, Inc.  
**Award:** 08-110 (08041030)  
**Budget Dates:** 05/22/08 - 05/21/11  
**Direct:** $51,292  
**Project Dates:** 05/22/08 - 05/21/11  
**F & A:** $12,198

**Co-PI/Project Leader**  
**Cystic Fibrosis Center - Patient Registry**  
**Pl:** Patrick Flume  
**Dept:** Medicine  
**Sponsor:** Cystic Fibrosis Fdn.  
**Total:** $85,435  
**Award:** C104-07 (07070967-1)

**Clinical Research Facilitation Award**  
**Pl:** Patrick Flume  
**Dept:** Medicine  
**Sponsor:** Cystic Fibrosis Fdn.  
**Total:** $60,000  
**Award:** C104-CRF06A (08021119-1)

**Wagner, Carol**  
**Principal Investigator**  
**Breastfeeding Promotion in Physicians' Office Practices Phase III (BPPOP III) Evaluation Project**  
**Sponsor:** Amer. Acad. of Pediatrics  
**Award:** U36/CCU319276 (08041138)  
**Budget Dates:** 04/01/08 - 09/30/08  
**Direct:** $1,111  
**Project Dates:** 04/01/08 - 09/30/08  
**F & A:** $0

**Co-PI/Project Leader**  
**Evaluation of Vitamin D Requirements During Pregnancy**  
**Pl:** Bruce Hollis  
**Dept:** Pediatrics  
**Sponsor:** NIH/NICHD  
**Total:** $341,092  
**Award:** 5 R01 HD043921-05 (07061444-1)

**Establishing the Vitamin D Requirements During Lactation**  
**Pl:** Bruce Hollis  
**Dept:** Pediatrics  
**Sponsor:** NIH/NICHD  
**Total:** $392,032  
**Award:** 5 R01 HD047511-02 (07061553-1)

**Co-Investigator**  
**General Clinical Research Center**  
**Pl:** Joseph Reves  
**Dept:** Anesthesia and Perioperative Medicine  
**Sponsor:** NIH/NCRF  
**Total:** $1,722,871  
**Award:** 5 M01 RR001070-31 (08022594-1)

**Significant Contributor**  
**General Clinical Research Center**  
**Pl:** Joseph Reves  
**Dept:** Anesthesia and Perioperative Medicine  
**Sponsor:** NIH/NCRF  
**Total:** $1,762,556  
**Award:** 2 M01 RR001070-30A1 (06100397-1)
Wagner, Janelle

Co-Investigator
SC Health Outcome Project on Epilepsy
Pl: Anbesaw Selassie  Sponsor: AAMC  Total: $213,701
Dept: Biostatistics, Bioinformatics and Epidemi  Award: U36/CCU319276 (07041783-1)

Psychiatry and Behavioral Sciences

Acienro, Ron

Principal Investigator
Elder Mistreatment
Sponsor: NIH/NIA  Budget Dates: 09/01/07 - 06/30/08  Direct: $142,729
Award: 1 R21 AG030667-01 (06101231)  Total: $227,431

A Population-Based Assessment of Elder Mistreatment in Non-Institutionalized Adults
Sponsor: National Institute of Justice  Budget Dates: 10/01/07 - 12/31/08  Direct: $660,823
Award: 2007-WG-BX-0009 (07012396)  Total: $41,216

Sexual Assault and Domestic Violence Intervention: Training Program for Students in Health Professions
Sponsor: NIH/NIMH  Total: $213,701
Dept: Psychiatry and Behavioral Sciences  Award: 5 R25 MH070552-05 (07113099-2)

Anton, Jr., Raymond

Principal Investigator
Website Maintenance for Naltrexone/Acamprosate and CBT/MET Light for Alcoholism
Sponsor: NIH/NIDDK  Budget Dates: 07/01/07 - 09/30/08  Direct: $24,975
Award: HHSN267200700486P (07060489)  Total: $45,147

Career Development and Mentoring in Clinical/Translational Alcohol Research
Sponsor: NIH/NIAAA  Total: $123,632
Award: 1 K05 AA17435-01 (07060697)  Total: $207,787

An Exploratory Study of Naltrexone Plus Aripiprazole for Alcohol Dependence
Sponsor: NIH/NIAAA  Total: $144,018
Award: 1 R21 AA07525-01 (07061123)  Total: $193,804

A Phase 2 Study of LY2196044 Compared with Naltrexone and Placebo in the Treatment of Alcohol Dependence
Sponsor: Eli Lilly  Total: $144,018
Award: H9T-MC-NABJ (07091288)  Total: $193,804

Co-PI/Project Leader
Alcohol Research Center - Treatment and Implications-Component 1
Pl: Carrie Randall  Sponsor: NIH/NIAAA  Total: $123,632
Dept: Psychiatry and Behavioral Sciences  Award: 5 P50 AA010761-13 (07111443-4)

Alcohol Research Center - Treatment and Implications-Pilot Core
Pl: Carrie Randall  Sponsor: NIH/NIAAA  Total: $53,896
Dept: Psychiatry and Behavioral Sciences  Award: 5 P50 AA010761-13 (07111443-9)

Alcohol Research Center - Treatment and Implications-Component 1
Pl: Carrie Randall  Sponsor: NIH/NIAAA  Total: $37,756
Dept: Psychiatry and Behavioral Sciences  Award: 5 P50 AA010761-13 (07111443-13)
Alcohol Research Center - Treatment and Implications-Pilot Core  
**PI:** Carrie Randall  
**Dept:** Psychiatry and Behavioral Sciences  
**Sponsor:** NIH/NIAAA  
**Total:** $11,827  
**Award:** 5 P50 AA010761-13 (07111443-18)

**Anton, Jr., Raymond**  
**Co-Investigator**  
**Training in Alcohol Research**  
**PI:** John Woodward  
**Dept:** Neurosciences  
**Sponsor:** NIH/NIAAA  
**Total:** $312,393  
**Award:** 2 T32 AA007474-21 (07051490-1)

Alcohol Research Center - Treatment and Implications-Admin Core  
**PI:** Carrie Randall  
**Dept:** Psychiatry and Behavioral Sciences  
**Sponsor:** NIH/NIAAA  
**Total:** $241,967  
**Award:** 5 P50 AA010761-13 (07111443-2)

Alcohol Research Center - Treatment and Implications-Admin Core  
**PI:** Carrie Randall  
**Dept:** Psychiatry and Behavioral Sciences  
**Sponsor:** NIH/NIAAA  
**Total:** $42,173  
**Award:** 5 P50 AA010761-13 (07111443-11)

**Back, Sudie**  
**Principal Investigator**  
**Translational Research Training: Stress and Addiction**  
**Sponsor:** NIH/NIDA  
**Budget Dates:** 07/01/07 - 06/30/08  
**Direct:** $142,658  
**Award:** 1 K23 DA021228-01A1 (06063041)  
**Project Dates:** 07/01/07 - 06/30/12  
**F & A:** $11,028  
**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 5 R25 DA020537-03 (08031307-1)

**Co-Investigator**  
**Drug Abuse Research Training (DART) Program**  
**PI:** Kathleen Brady  
**Dept:** Psychiatry and Behavioral Sciences  
**Sponsor:** NIH/NIDA  
**Total:** $249,002  
**Award:** 5 R25 DA020537-03 (08031307-1)

**Becker, Howard**  
**Principal Investigator**  
**Preclinical Medications Screening in Alcohol Dependence and Anxiety Models**  
**Sponsor:** NIH/NIDDK  
**Budget Dates:** 09/29/07 - 09/28/08  
**Direct:** $201,432  
**Award:** HHSN267200700038C (07050139)  
**Project Dates:** 09/29/07 - 09/28/14  
**F & A:** $79,440  
**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 5 U01 AA014095-06 (07112885)

**Repeated Ethalons: Subjective Effects and Ethanol Drinking**  
**Sponsor:** VAMC  
**Budget Dates:** 10/01/07 - 09/30/08  
**Direct:** $121,600  
**Award:** (07063034)  
**Project Dates:** 10/01/07 - 09/30/10  
**F & A:** $0

**Ethanol Dependence and Stress Effects on Ethanol Drinking: CRF and Neurosteroids**  
**Sponsor:** NIH/NIAAA  
**Budget Dates:** 02/01/08 - 01/31/09  
**Direct:** $272,959  
**Award:** 5 U01 AA014095-06 (07112885)  
**Project Dates:** 03/01/03 - 01/31/12  
**F & A:** $125,561

**Co-PI/Project Leader**  
**Alcohol Research Center - Treatment and Implications-Component 2**  
**PI:** Carrie Randall  
**Dept:** Psychiatry and Behavioral Sciences  
**Sponsor:** NIH/NIAAA  
**Total:** $131,497  
**Award:** 5 P50 AA010761-13 (07111443-5)

**Alcohol Research Center - Treatment and Implications-Component 2**  
**PI:** Carrie Randall  
**Dept:** Psychiatry and Behavioral Sciences  
**Sponsor:** NIH/NIAAA  
**Total:** $17,418  
**Award:** 5 P50 AA010761-13 (07111443-14)

**Co-Investigator**  
**Alcohol Research Center - Treatment and Implications-Admin Core**  
**PI:** Carrie Randall  
**Dept:** Psychiatry and Behavioral Sciences  
**Sponsor:** NIH/NIAAA  
**Total:** $241,967  
**Award:** 5 P50 AA010761-13 (07111443-2)

**Alcohol Research Center - Treatment and Implications-Admin Core**  
**PI:** Carrie Randall  
**Dept:** Psychiatry and Behavioral Sciences  
**Sponsor:** NIH/NIAAA  
**Total:** $42,173  
**Award:** 5 P50 AA010761-13 (07111443-11)

**Best, Connie**  
**Other**  
**General Volunteer Training for ESAR-VIP**  
**PI:** D. Kennedy  
**Dept:** SC AHEC  
**Sponsor:** SC DHEC  
**Total:** $46,296  
**Award:** 692184 (07080174-1)

**General Volunteer Training for ESAR-VIP**  
**PI:** D. Kennedy  
**Dept:** SC AHEC  
**Sponsor:** SC DHEC  
**Total:** $158,183  
**Award:** ER-07-017/692184 (08010835-1)
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<th>Project Title</th>
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<td>Book, Sarah</td>
<td>Training in Comorbidity of Alcoholism and Mental Illness</td>
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<td>09/01/07 - 08/31/09</td>
<td>$165,577</td>
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<td>Interdisciplinary Women's Health Research at MUSC</td>
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<td>D-Cycloserine Facilitation of Cocaine-Cue Extinction</td>
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<td>Translational Research in Addiction Center - Project 4</td>
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Alcohol Research Center - Treatment and Implications-Component 5
PI: Carrie Randall Sponsor: NIH/NIAAA Total: $14,032
Dept: Psychiatry and Behavioral Sciences Award: 5 P50 AA010761-13 (07111443-17)

General Clinical Research Center
PI: Joseph Reves Sponsor: NIH/NIAAA Total: $1,722,871
Dept: Anesthesia and Perioperative Medicine Award: 5 M01 RR001070-31 (08022594-1)

Brady, Kathleen
Significant Contributor
General Clinical Research Center
PI: Joseph Reves Sponsor: NIH/NCRR Total: $1,762,556
Dept: Anesthesia and Perioperative Medicine Award: 2 M01 RR001070-30A1 (06100397-1)

Brawman-Mintzer, Olga
Principal Investigator
Pharmacological Treatment of Generalized Anxiety Disorder in the Elderly
Sponsor: VAMC Budget Dates: 10/01/07 - 09/30/08 Direct: $149,500
Award: (06062401) Project Dates: 10/01/05 - 09/30/08 F & A: 0

An Eight-Week, Multi-Center, Double-Blind, Placebo and Paroxetine Controlled Study Evaluating the Efficacy and Tolerability of Two Fixed Doses of SSR149415 (250 mg Bid and 100 mg Bid) in Outpatients with Generalized Anxiety Disorder
Sponsor: Sanofi-Aventis US, Inc. Budget Dates: 08/28/06 - 08/27/08 Direct: $44,800
Award: SSR149415 (06091795) Project Dates: 08/28/06 - 08/27/08 F & A: 11,200

A Multi-Center, Randomized, Double-Blind, Placebo, and Escitalopram Controlled Trial of the Safety and Efficacy of Pexacerfont (BMS-562086) in the Treatment of Outpatients with Generalized Anxiety Disorder
Sponsor: Bristol Myers Squibb Budget Dates: 05/24/07 - 01/16/09 Direct: $369,508
Award: CN148-015-032 (07060702) Project Dates: 05/24/07 - 01/16/09 F & A: 91,752

Carpenter, Matthew
Principal Investigator
Stimulus Control and Trajectories of Adolescent Smoking
Sponsor: NIH/NIDA Budget Dates: 09/30/07 - 08/31/08 Direct: $149,366
Award: 1 K23 DA020482-01A2 (06062397) Project Dates: 09/30/07 - 08/31/12 F & A: 11,699

A Novel Treatment to Boost Quit Attempts and Cessation among Unmotivated Smokers
Sponsor: NIH/NIDA Budget Dates: 09/30/07 - 06/30/09 Direct: $209,956
Award: 1 R01 DA021619-01A1 (06101334) Project Dates: 09/30/07 - 05/31/11 F & A: 96,580

A Novel Treatment to Boost Quit Attempts and Cessation among Unmotivated Smokers
Sponsor: NIH/NIDA Budget Dates: 09/30/07 - 06/30/09 Direct: $205,757
Award: 5 R01 DA021619-02 (08040387) Project Dates: 09/30/07 - 05/31/11 F & A: 94,648
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<td>Carpenter, Matthew</td>
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<td>Co-Investigator</td>
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<tr>
<td><strong>ORWH: SCOR on Sex and Gender Factors Affecting Women's Health - Component 4</strong></td>
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<td>PI: Kathleen Brady</td>
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<td><strong>Combined Pharmacobehavior Therapy in Adolescent Smokers</strong></td>
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<td>PI: Himanshu Upadhyaya</td>
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<td><strong>Alpha-1 Foundation Registry and ACT Study</strong></td>
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<td>PI: Charlie Strange</td>
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| Cunningham, Phillipe    |
| Principal Investigator |
| **NY ACS JJI MST-Extended Care Project-Project Management** |
| Sponsor: MST Group, LLC |
| Award: MST NY Project (07011768) |
| Budget Dates: 10/01/06 - 09/30/08 |
| Direct: $79,984 |
| **NY ACS JJI MST-Extended Care Project-Project Support** |
| Sponsor: MST Group, LLC |
| Award: MST NY Project (07011769) |
| Budget Dates: 01/01/07 - 09/30/08 |
| Direct: $69,360 |
| **Differential Response to Evidenced-Based Treatment** |
| Sponsor: NIH/NIMH |
| Award: 3 R01 MH068813-03S1 (07012395) |
| Budget Dates: 07/01/07 - 03/31/10 |
| Direct: $39,973 |
| **Adherence to IDDM Regimen in Urban Youth** |
| Sponsor: Wayne State Univ. |
| Award: DK059067/WSU06059-A1 (07071073) |
| Budget Dates: 09/01/06 - 08/31/11 |
| Direct: $12,284 |
| **Adapting MST to Improve Food Choices and Health Outcomes in Obese African American Youth** |
| Sponsor: Wayne State Univ. |
| Award: WSU07073/7-05-HFC-24 (07122086) |
| Budget Dates: 07/01/07 - 06/30/08 |
| Direct: $6,863 |
| **Differential Response to Evidenced-Based Treatment** |
| Sponsor: NIH/NIMH |
| Award: 5 R01 MH068813-04 (08021966) |
| Budget Dates: 04/01/08 - 03/31/09 |
| Direct: $415,418 |

| Danielson, Carla        |
| Principal Investigator  |
| **Risk Reduction for Drug Use and Sexual Revictimization** |
| Sponsor: NIH/NIDA |
| Award: 5 K23 DA018686-02 (07041065) |
| Budget Dates: 07/01/07 - 06/30/08 |
| Direct: $120,823 |
| **Co-Investigator**     |
| **Self-Assessment and Self-Help for Teen Violence Victims** |
| PI: Dean Kilpatrick     |
| Sponsor: DC Office of Victim Services |
| Total: $300,000 |
| Dept: Psychiatry and Behavioral Sciences |
| Award: 08-MUSC-01 (07091182-1) |

| De Arellano, Michael    |
| Principal Investigator  |
| **Coordinating Services for Child Sexual Assault** |
| Sponsor: SC Dept. of Public Safety |
| Award: 1V06067 (05120607) |
| Budget Dates: 04/01/06 - 06/30/07 |
| Direct: $1,600 |
| **Coordinating Services for Child Sexual Assault Victims** |
| Sponsor: SC Dept. of Public Safety |
| Award: 1V07267 (07030948) |
| Budget Dates: 04/01/07 - 06/30/08 |
| Direct: $80,271 |
| **Establishing the Violence against Hispanic Women Network** |
| Sponsor: SC Dept. of Public Safety |
| Award: 1K07018 (07051602) |
| Budget Dates: 10/01/07 - 09/30/08 |
| Direct: $61,645 |
| **Co-Investigator**     |
| **CSA Prevention Training for Child Care Professionals: Stewards of Children** |
| PI: Alyssa Rheingold    |
| Sponsor: CDC            |
| Total: $196,247         |
| Dept: Psychiatry and Behavioral Sciences |
| Award: 5 R49 CE000890-02 (07030843-1) |
| **Trauma Learning Collaborative for Washington, DC** |
| PI: Benjamin Saunders   |
| Sponsor: District of Columbia |
| Total: $150,000         |
| Dept: Psychiatry and Behavioral Sciences |
| Award: 08-MUSC-02 (07120202-1) |
Youth Violence Exposure: A National Longitudinal Study
PI: Dean Kilpatrick Sponsor: NIH/NICHD Total: $ 227,224
Dept: Psychiatry and Behavioral Sciences Award: 5 R01 HD046830-05 (08041756-1)

Youth Violence Exposure: A National Longitudinal Study
PI: Dean Kilpatrick Sponsor: NIH/NICHD Total: $ 46,289
Dept: Psychiatry and Behavioral Sciences Award: 5 R01 HD046830-05 (08041756-2)

Deas, Deborah
Co-Investigator
Combined Pharmac/oBehavior Therapy in Adolescent Smokers
PI: Himanshu Upadhyaya Sponsor: NIH/NIDA Total: $ 213,341
Dept: Psychiatry and Behavioral Sciences Award: 5 R01 DA017460-05 (07050246-1)

Devane, C.
Principal Investigator
Bipolar Disorder in Pregnancy: Predictors of Morbidity
Sponsor: Emory Univ. Budget Dates: 08/01/07 - 07/31/08 Direct: $ 64,290
Award: 5 R01 MH0701531-03/50-275 (07073064) Project Dates: 08/12/05 - 07/31/10 F & A: 29,573

PGP Regulation of Antipsychotic Exposure and Effects
Sponsor: NIH/NIMH Budget Dates: 02/01/08 - 01/31/09 Direct: $ 170,673
Award: 5 R01 MH071811-04 (07121774) Project Dates: 02/14/05 - 01/31/09 F & A: 78,510

Co-Investigator
Drug Transporters and the Disposition of ADHD Therapeutic Agents
PI: John Markowitz Sponsor: NIH/NIDA Total: $ 200,000
Dept: Pharmaceutical and Biomedical Science Award: 1 R01 DA022475-01A1 (06110621-1)

South Carolina Consortium of the Clinical Trials Network
PI: Kathleen Brady Sponsor: NIH/NIDA Total: $ 981,531
Dept: Psychiatry and Behavioral Sciences Award: 5 U10 DA13727-08 (07062587-1)

South Carolina Consortium of the Clinical Trials Network
PI: Kathleen Brady Sponsor: NIH/NIDA Total: $ 91,478
Dept: Psychiatry and Behavioral Sciences Award: 3 U10 DA013727-08S1 (07062587-2)

General Clinical Research Center
PI: Joseph Reves Sponsor: NIH/NCRR Total: $ 1,722,871
Dept: Anesthesia and Perioperative Medicine Award: 5 M01 RR001070-31 (08022594-1)

Significant Contributor
General Clinical Research Center
PI: Joseph Reves Sponsor: NIH/NCRR Total: $ 1,762,556
Dept: Anesthesia and Perioperative Medicine Award: 2 M01 RR001070-30A1 (06100397-1)

Donovan, Jennifer
Co-Investigator
Drug Transporters and the Disposition of ADHD Therapeutic Agents
PI: John Markowitz Sponsor: NIH/NIDA Total: $ 200,000
Dept: Pharmaceutical and Biomedical Science Award: 1 R01 DA022475-01A1 (06110621-1)

Bipolar Disorder in Pregnancy: Predictors of Morbidity
PI: C. Devane Sponsor: Emory Univ. Total: $ 64,290
Dept: Psychiatry and Behavioral Sciences Award: 5 R01 MH0701531-03/50-275 (07073064-1)

PGP Regulation of Antipsychotic Exposure and Effects
PI: C. Devane Sponsor: NIH/NIMH Total: $ 170,673
Dept: Psychiatry and Behavioral Sciences Award: 5 R01 MH071811-04 (07121774-1)

Fitzgerald, Monica
Co-Investigator
Trauma Learning Collaborative for Washington, DC
PI: Benjamin Saunders Sponsor: District of Columbia Total: $ 150,000
Dept: Psychiatry and Behavioral Sciences Award: 08-MUSC-02 (07120202-1)

George, Mark
Co-Investigator
Translational Research in Addiction Center - Project 2
PI: Ronald See Sponsor: NIH/NIDA Total: $ 146,902
Dept: Neurosciences Award: 5 P20 DA022658-02 (07062915-4)
Gray, Kevin

Principal Investigator

Training in Craving and Treatment in Adolescent Marijuana Use Disorders (AACAP Physician Scientist Program in Substance Abuse K12 Award)

Sponsor: Amer. Acad. of Child Psychiatry
Award: (05042644)

Co-Investigator

Combined Pharmac/oBehavior Therapy in Adolescent Smokers

PI: Himanshu Upadhyaya
Dept: Psychiatry and Behavioral Sciences
Sponsor: NIH/NIDA
Award: 5 R01 DA017460-05 (07050246-1)

Grubaugh, Anouk

Principal Investigator

Improving Mental Health Services for Diverse Veterans with PTSD and SMI

Sponsor: VAMC
Award: (08042274)

Co-Investigator

The Precursors and Impacts of Psychiatric Facility Closure

PI: Richard Lindrooth
Dept: Health Administration and Policy
Sponsor: NIH/NIMH
Award: 5 R01 MH074151-02 (07100903-1)

The Precursors and Impacts of Psychiatric Facility Closure

PI: Richard Lindrooth
Dept: Health Administration and Policy
Sponsor: NIH/NIMH
Award: 5 R01 MH074151-02 (07100903-2)

Hamner, Mark

Principal Investigator

A Placebo-Controlled Trial of Adjunctive Quetiapine for Refractory PTSD

Sponsor: VAMC
Award: (06062408)

A Multi-Center, Randomized, Placebo-Controlled, Double-Blind, Parallel-Group, Phase IIb, Proof of Concept Study with 3 Oral Dose Groups of AZD3480 During 12 Weeks Treatment of Cognitive Deficits in Patients with Schizophrenia

Sponsor: Astrazeneca
Award: D3690C00011 (07101118)

A Multi-Center, Cardiac, Safety Study of Subjects Who Participated in Organon Sponsored Phase 1 and Phase 2 Completed and Discontinued Trials with Org 24448

Sponsor: Organon, Inc.
Award: 153-006 (08031927)

A Single-Arm Evaluation of the Safety of Paliperidone Extended-Release (ER) in Subjects with Schizophrenia or Schizoaffective Disorder with Hepatic Disease

Sponsor: Ortho-McNeil Pharmaceuticals
Award: R076477-SCH-4005 (08040706)

Hanson, Rochelle

Co-Investigator

Trauma Learning Collaborative for Washington, DC

PI: Benjamin Saunders
Dept: Psychiatry and Behavioral Sciences
Sponsor: District of Columbia
Award: 08-MUSC-02 (07120202-1)

Youth Violence Exposure: A National Longitudinal Study

PI: Dean Kilpatrick
Dept: Psychiatry and Behavioral Sciences
Sponsor: NIH/NICHD
Award: 5 R01 HD046830-05 (08041756-1)

Youth Violence Exposure: A National Longitudinal Study

PI: Dean Kilpatrick
Dept: Psychiatry and Behavioral Sciences
Sponsor: NIH/NICHD
Award: 5 R01 HD046830-05 (08041756-2)

Haynes, Louise

Co-Investigator

South Carolina Consortium of the Clinical Trials Network

PI: Kathleen Brady
Dept: Psychiatry and Behavioral Sciences
Sponsor: NIH/NIDA
Award: 3 U10 DA013727-08S1 (07062587-2)
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<td>Vocational Outcomes for Youth with Substance Abuse Problems and High HIV Risk</td>
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Kilpatrick, Dean
Co-Investigator
Development and Evaluation of a Web-Based Intervention for Disaster Victims
PI: Kenneth Ruggiero  Sponsor: NIH/NIMH  Total: $ 227,431
Dept: Psychiatry and Behavioral Sciences  Award: 1 R34 MH077149-01A1 (06030116-1)

A Population-Based Assessment of Elder Mistreatment in Non-Institutionalized Adults
PI: Ron Acierno  Sponsor: National Institute of Justice  Total: $ 660,823
Dept: Psychiatry and Behavioral Sciences  Award: 2007-WG-BX-0009 (07012396-1)

CSA Prevention Training for Child Care Professionals: Stewards of Children
PI: Alyssa Rheingold  Sponsor: CDC  Total: $ 196,247
Dept: Psychiatry and Behavioral Sciences  Award: 5 R49 CE000890-02 (07030843-1)

Larowe, Steven
Co-Investigator
ORWH: SCOR on Sex and Gender Factors Affecting Women’s Health - Component 4
PI: Kathleen Brady  Sponsor: NIH/NIDA  Total: $ 233,366
Dept: Psychiatry and Behavioral Sciences  Award: 2 P50 DA016511-06 (06091177-5)

Translational Research in Addiction Center - Project 2
PI: Ronald See  Sponsor: NIH/NIDA  Total: $ 146,902
Dept: Neurosciences  Award: 5 P20 DA022658-02 (07062915-4)

Letourneau, Elizabeth
Principal Investigator
Preventing Sexual Violence: Does Sex Offender Registration and Notification Work?
Sponsor: CDC  Budget Dates: 09/01/07 - 08/31/09  Direct: $ 188,722
Award: 5 R49 CE000567-03 (07032195)  Project Dates: 09/01/05 - 08/31/09  F & A: 86,812

Adapting MST to Address Transmission Risk Behaviors in HIV+ Young People
Sponsor: NIH/NIMH  Budget Dates: 02/01/08 - 01/31/09  Direct: $ 191,284
Award: 5 R34 MH77500-02 (07121140)  Project Dates: 02/01/07 - 01/31/10  F & A: 77,176

Li, Xingbao
Co-Investigator
Translational Research in Addiction Center - Project 2
PI: Ronald See  Sponsor: NIH/NIDA  Total: $ 146,902
Dept: Neurosciences  Award: 5 P20 DA022658-02 (07062915-4)

Lopez, Marcelo
Co-Investigator
Preclinical Medications Screening in Alcohol Dependence and Anxiety Models
PI: Howard Becker  Sponsor: NIH/NIDDK  Total: $ 201,432
Dept: Psychiatry and Behavioral Sciences  Award: HHSN267200700038C (07050139-1)

Magruder, Kathryn
Principal Investigator
Randomized Trial of an Online Early Intervention for Combat PTSD in Primary Care
Sponsor: Henry M. Jackson Fdn.  Budget Dates: 07/16/07 - 05/25/08  Direct: $ 54,374
Award: 1 R34 MH0708874-01 (06012753)  Project Dates: 07/16/07 - 05/25/08  F & A: 14,137

Randomized Trial of an Online Early Intervention for Combat PTSD in Primary Care
Sponsor: Henry M. Jackson Fdn.  Budget Dates: 07/30/07 - 08/01/10  Direct: $ 102,933
Award: 0000164293/W81XWH0720006 (06052268)  Project Dates: 07/30/07 - 08/01/10  F & A: 29,851

Suicidality: Correlates and Impact on Preference-Weighted Health Status of Veterans in VA Primary Care
Sponsor: VAMC  Budget Dates: 04/15/08 - 09/15/08  Direct: $ 33,910
Award: (08042168)  Project Dates: 04/15/08 - 09/15/08  F & A: 0

Co-Investigator
Oral Health in People with Systemic Sclerosis
PI: Hon Yuen  Sponsor: NIH/NIDCR  Total: $ 125,000
Dept: Rehabilitation Sciences  Award: 1 R21 DE017360-01A2 (06102577-1)

South Carolina Consortium of the Clinical Trials Network
PI: Kathleen Brady  Sponsor: NIH/NIDA  Total: $ 981,531
Dept: Psychiatry and Behavioral Sciences  Award: 5 U10 DA13727-08 (07062587-1)

South Carolina Consortium of the Clinical Trials Network
PI: Kathleen Brady  Sponsor: NIH/NIDA  Total: $ 91,478
Dept: Psychiatry and Behavioral Sciences  Award: 3 U10 DA13727-08S1 (07062587-2)
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<td>Kathleen Brady</td>
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<td>D-Cycloserine Facilitation of Cocaine-Cue Extinction</td>
<td>Kathleen Brady</td>
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<td>Alcohol Research Center - Treatment and Implications - Component 3</td>
<td>Carrie Randall</td>
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<td>Neurobiology of Addiction Research Center (NARC) - Core C</td>
<td>Peter Kalivas</td>
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<td>Augmentation of Exposure Therapy with D-Cycloserine for Pediatric PTSD</td>
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<td>Interdisciplinary Medication Development for Multiple Risk Factors in Relapse</td>
<td>Ronald See</td>
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<td>Dual-Hit Hypothesis of Aging-Related DA Dysfunction - Core A</td>
<td>Ann-Charlotte Granholm</td>
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**Alcohol Research Center - Treatment and Implications-Component 2**

PI: Carrie Randall  
Sponsor: NIH/NIAAA  
Total: $131,497  
Dept: Psychiatry and Behavioral Sciences  
Award: 5 P50 AA010761-13 (07111443-5)

**Alcohol Research Center - Treatment and Implications-Component 2**

PI: Carrie Randall  
Sponsor: NIH/NIAAA  
Total: $17,418  
Dept: Psychiatry and Behavioral Sciences  
Award: 5 P50 AA010761-13 (07111443-14)

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**Miller, Peter**

**Co-PI/Project Leader**

Alcohol Research Center - Treatment and Implications-Shared Core  
PI: Carrie Randall  
Sponsor: NIH/NIAAA  
Total: $220,246  
Dept: Psychiatry and Behavioral Sciences  
Award: 5 P50 AA010761-13 (07111443-3)

Alcohol Research Center - Treatment and Implications-Shared Core  
PI: Carrie Randall  
Sponsor: NIH/NIAAA  
Total: $63,254  
Dept: Psychiatry and Behavioral Sciences  
Award: 5 P50 AA010761-13 (07111443-12)

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**Mulholland, Patrick**

**Principal Investigator**

Kv2.1 Channel Modulation of Ethanol Withdrawal  
Sponsor: NIH/NIAAA  
Budget Dates: 09/01/07 - 08/31/08  
Direct: $48,796  
Project Dates: 09/01/06 - 08/31/08  
F & A: 0  
Award: 5 F32 AA016450-02 (07062798)

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**Myrick, Donald**

**Co-PI/Project Leader**

Alcohol Research Center - Treatment and Implications-Component 3  
PI: Carrie Randall  
Sponsor: NIH/NIAAA  
Total: $56,666  
Dept: Psychiatry and Behavioral Sciences  
Award: 5 P50 AA010761-13 (07111443-6)

Alcohol Research Center - Treatment and Implications-Component 3  
PI: Carrie Randall  
Sponsor: NIH/NIAAA  
Total: $21,858  
Dept: Psychiatry and Behavioral Sciences  
Award: 5 P50 AA010761-13 (07111443-15)

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**Nahas, Ziad**

**Principal Investigator**

A Pilot Safety and Efficacy Study of Epidural Prefrontal Cortical Stimulation (EpCS) in Severe Treatment-Resistant Unipolar Depression  
Sponsor: NARSAD  
Budget Dates: 03/15/07 - 03/14/09  
Direct: $47,657  
Project Dates: 03/15/07 - 03/14/09  
F & A: 2,343  
Award: (06030733)

**DBS and Rodent Antidepressant-Screen Models**  
Sponsor: NIH/NIMH  
Budget Dates: 07/01/07 - 06/30/08  
Direct: $163,940  
Project Dates: 07/01/05 - 06/30/09  
F & A: 12,539  
Award: 5 K08 MH070615-03 (07051181)

---

**O'Neil, Patrick**

**Principal Investigator**

Troop Recruitment Improvement Program (TRIM)  
Sponsor: SC Research Authority  
Budget Dates: 01/16/08 - 06/30/08  
Direct: $75,201  
Project Dates: 01/16/08 - 06/30/08  
F & A: 34,592  
Award: 2008-33/W81XWH-08-1-0082 (07032920)

---

**O'Neil, Patrick**

**Principal Investigator**

A 2-Year (1-Year Weight Loss Followed by 1-Year Prevention of Weight Regain) to Assess the Safety, Tolerability and Efficacy of L-000899055 in Obese Patients  
Sponsor: Merck  
Budget Dates: 08/16/05 - 12/31/09  
Direct: $100,498  
Project Dates: 08/16/05 - 12/31/09  
F & A: 25,124  
Award: 014-10 1 year extension s (05083088)
A 104-Week, Double-Blind, Randomized, Placebo-Controlled, Parallel-Group Study to Assess the Safety and Efficacy of Lorcaserin Hydrochloride in Obese Patients
Sponsor: Icon Clinical Research, Inc.
Budget Dates: 10/27/06 - 10/26/08
Direct: $134,250
Award: APD356-009 (06110214)

A Randomized, Double-Blind, Placebo-Controlled, Parallel-Arm, Multiple-Dose Study to Evaluate the Efficacy, Safety, and Pharmacokinetics of BMS-646256 in Obese and High Risk Overweight Subjects
Sponsor: Bristol Myers Squibb
Budget Dates: 03/05/07 - 03/04/09
Direct: $245,779
Award: MB109-007-006 (07022774)

A 52-Week, Double-Blind, Randomized, Placebo-Controlled, Parallel-Group Study to Assess the Safety and Efficacy of Lorcaserin Hydrochloride in Overweight and Obese Patients with Type 2 Diabetes Mellitus Managed with Oral
Sponsor: Arena Pharmaceuticals, Inc.
Budget Dates: 12/06/07 - 12/05/10
Direct: $118,202
Award: APD356-010 (07121467)

A 52-Week, Double-Blind, Randomized, Placebo-Controlled, Parallel-Group Study to Assess the Safety and Efficacy of Lorcaserin Hydrochloride in Overweight and Obese Patients
Sponsor: Arena Pharmaceuticals, Inc.
Budget Dates: 01/31/08 - 07/31/09
Direct: $262,997
Award: APD356-011 (08021341)

Olive, Michael
Principal Investigator
Metabotropic Glutamate Receptor Signaling and Extinction Learning
Sponsor: NIH/NIDA
Budget Dates: 09/20/07 - 06/30/08
Direct: $225,000
Award: 1 R01 DA024355-01 (07022254)

VA P.O. for M. Foster Olive
Sponsor: VAMC
Budget Dates: 10/01/07 - 09/30/10
Direct: $10,045
Award: P.O. 534-D87119 (07100588)

Alcohol and Mesolimbic Glutamatergic Transmission
Sponsor: Univ. of Medicine & Dentistry of NJ
Budget Dates: 04/01/08 - 03/31/12
Direct: $21,224
Award: 1 R01 AA016964-01A1 (08040705)

Randall, Carrie
Principal Investigator
Mentoring and Career Development in Alcohol Research
Sponsor: NIH/NIAAA
Budget Dates: 09/01/07 - 08/31/08
Direct: $140,972
Award: 5 K24 AA013314-07 (07071607)

Alcohol Research Center - Treatment and Implications
Sponsor: NIH/NIAAA
Budget Dates: 12/10/95 - 12/31/10
Direct: $1,181,829
Award: 5 P50 AA010761-13 (07112885-1)

Co-Investigator
Stress and Subsequent Drinking in Individuals with Different Drinking Motives
Sponsor: NIH/NIAAA
Budget Dates: 12/10/95 - 12/31/10
Direct: $531,016
Award: 1 R21 AA016289-01A1 (06102058-1)

Randall, Jeff
Principal Investigator
Implementing an Adoption of MST with Youth Needing Psychiatric Services
Sponsor: MST Group, LLC
Budget Dates: 10/01/05 - 06/30/08
Direct: $4,993
Award: (05101140)
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<th>Name</th>
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<th>PI/Institution</th>
<th>Sponsor/Grant Details</th>
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<td>Randall, Jeff</td>
<td>Co-Investigator</td>
<td>NY ACS JJI MST-Extended Care Project-Project Support</td>
<td>Philippe Cunningham</td>
<td>Sponsor: MST Group, LLC</td>
<td>$69,360</td>
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<td>Randall, Patrick</td>
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<td>Stress and Subsequent Drinking in Individuals with Different Drinking Motives</td>
<td>Suzanne Thomas</td>
<td>Sponsor: NIH/NIAAA</td>
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<td>Alcohol Research Center - Treatment and Implications-Component 5</td>
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<td>Alcohol Research Center - Treatment and Implications-Pilot Core</td>
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<td>Resnick, Heidi</td>
<td>Co-Investigator</td>
<td>Development and Evaluation of a Web-Based Intervention for Disaster Victims</td>
<td>Kenneth Ruggiero</td>
<td>Sponsor: NIH/NIMH</td>
<td>$227,431</td>
<td>Psychiatry and Behavioral Sciences</td>
<td>Award: 1 R34 MH077149-01A1 (06030116-1)</td>
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<td>Elder Mistreatment</td>
<td>Pl: Ron Acierno</td>
<td>Sponsor: NIH/NIA</td>
<td>$142,729</td>
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<td>Psychiatry and Behavioral Sciences</td>
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<td>Youth Violence Exposure: A National Longitudinal Study - Supplement</td>
<td>Pl: Dean Kilpatrick</td>
<td>Sponsor: NIH/NICHD</td>
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<td>Self-Assessment and Self-Help for Teen Violence Victims</td>
<td>Pl: Dean Kilpatrick</td>
<td>Sponsor: DC Office of Victim Services</td>
<td>$300,000</td>
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<td>Disaster Research Education and Mentoring Center (R25)</td>
<td>Pl: Dean Kilpatrick</td>
<td>Sponsor: NIH/NIMH</td>
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<td>Psychiatry and Behavioral Sciences</td>
<td>Award: 5 R25 MH070552-05 (07113099-1)</td>
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### Research Faculty Activity

**Disaster Research Education and Mentoring Center (R25)**
- **PI:** Dean Kilpatrick
- **Sponsor:** NIH/NIMH
- **Total:** $41,216

**Youth Violence Exposure: A National Longitudinal Study**
- **PI:** Dean Kilpatrick
- **Sponsor:** NIH/NIMH
- **Total:** $227,224

**Youth Violence Exposure: A National Longitudinal Study**
- **PI:** Dean Kilpatrick
- **Sponsor:** NIH/NIMH
- **Total:** $46,289

**Development and Evaluation of a Web-Based Intervention for Disaster Victims**
- **PI:** Kenneth Ruggiero
- **Sponsor:** NIH/NIMH
- **Total:** $193,804

**Rheingold, Alyssa**

**Principal Investigator**

**CSA Prevention Training for Child Care Professionals: Stewards of Children**
- **Sponsor:** CDC
- **Budget Dates:** 09/01/07 - 08/31/08
- **Direct:** $196,247
- **F & A:** 91,907

**Specialized Services for Homicide Survivors**
- **Sponsor:** SC Dept. of Public Safety
- **Budget Dates:** 07/01/07 - 06/30/08
- **Direct:** $55,023
- **F & A:** 0

**Co-PI/Project Leader**

**Coordinating Services for Child Sexual Assault**
- **PI:** Michael De Arellano
- **Sponsor:** SC Dept. of Public Safety
- **Budget Dates:** 06/01/08 - 05/31/09
- **Direct:** $193,804
- **F & A:** 31,670

**Rowland, Melisa**

**Principal Investigator**

**MST Model with Juvenile Offenders**
- **Sponsor:** MST Group, LLC
- **Budget Dates:** 07/01/07 - 06/30/08
- **Direct:** $130,501
- **F & A:** 32,626

**Ruggiero, Kenneth**

**Principal Investigator**

**Development and Evaluation of a Web-Based Intervention for Disaster Victims**
- **Sponsor:** NIH/NIMH
- **Budget Dates:** 06/22/07 - 05/31/08
- **Direct:** $227,431
- **F & A:** 32,626

**Research Education in Disaster Mental Health**
- **Sponsor:** Dartmouth Coll.
- **Budget Dates:** 10/01/07 - 06/30/08
- **Direct:** $12,119
- **F & A:** 970

**Development and Evaluation of a Web-Based Intervention for Disaster Victims**
- **Sponsor:** NIH/NIMH
- **Budget Dates:** 06/01/08 - 05/31/09
- **Direct:** $193,844
- **F & A:** 31,670

**Co-PI/Project Leader**

**National Center for Disaster Mental Health Research**
- **PI:** Dean Kilpatrick
- **Sponsor:** Dartmouth Coll.
- **Total:** $41,882

**Co-Investigator**

**Self-Assessment and Self-Help for Teen Violence Victims**
- **PI:** Dean Kilpatrick
- **Sponsor:** DC Office of Victim Services
- **Total:** $300,000

**Disaster Research Education and Mentoring Center (R25)**
- **PI:** Dean Kilpatrick
- **Sponsor:** NIH/NIMH
- **Total:** $193,844
Sampson, Royce
Co-Investigator
General Clinical Research Center
Dept: Psychiatry and Behavioral Sciences
Award: 5 R25 MH070552-05 (07113099-2)

Santos, Alberto
Principal Investigator
Schizophrenia Liability Genes among African Americans
Sponsor: Univ. of Mississippi Medical Center
Budget Dates: 08/01/07 - 07/31/08
Direct: $ 40,658
F & A: 18,702

Saunders, Benjamin
Principal Investigator
Project BEST: Bringing Empirically Supported Treatments to South Carolina's Children and Families
Sponsor: Dee Norton Lowcountry Childrens Center
Budget Dates: 07/01/07 - 06/30/08
Direct: $ 358,408
F & A: 1,482

Schoenwald, Sonja
Principal Investigator
Mental Health Services and Predictors of Learning in Urban Schools
Sponsor: Univ. of Illinois, Chicago
Budget Dates: 06/01/07 - 05/31/08
Direct: $ 16,432
F & A: 7,559

Linking Science and Practice to Improve Youth Mental Health Care: II Evidenced-Based Practice in Clinics
Sponsor: Judge Baker Childrens Center
Budget Dates: 10/01/07 - 09/30/08
Direct: $ 10,000
F & A: 0
Sheidow, Ashli

**Principal Investigator**

**Adaptation of Multisystemic Therapy in Transition Age Youth**

- **Sponsor:** Univ. of Massachusetts
- **Award:** 6084147/RFS800056/R34-MH0 (06111337)
- **Budget Dates:** 09/01/07 - 07/30/08
- **Direct:** $52,739

**Mentored Patient-Oriented Research Career Development**

- **Sponsor:** NIH/NIDA
- **Award:** 5 K23 DA015658-05 (07050453)
- **Budget Dates:** 07/01/07 - 06/30/09
- **Direct:** $154,195

Smith, Daniel

**Co-Investigator**

**Child and Adult Trauma Victims: A Training Program**

- **PI:** Dean Kilpatrick
- **Dept:** Psychiatry and Behavioral Sciences
- **Sponsor:** NIH/NIMH
- **Award:** 5 T32 MH018869-20 (07040234-1)
- **Total:** $216,354

**Self-Assessment and Self-Help for Teen Violence Victims**

- **PI:** Dean Kilpatrick
- **Dept:** Psychiatry and Behavioral Sciences
- **Sponsor:** DC Office of Victim Services
- **Award:** 08-MUSC-01 (07091182-1)
- **Total:** $300,000

**Parkinson's Disease Clinical Trial: Statistical Center**

- **PI:** Barbara Tilley
- **Dept:** Biostatistics, Bioinformatics and Epidemiology
- **Sponsor:** NIH/NINDS
- **Award:** 5 U01 NS054319-07 (08032138-1)
- **Total:** $426,767

**Maintenance of TF-CBTWeb and CTGWeb (Child Abuse and Traumatic Loss T/S Development Center)**

- **PI:** Benjamin Saunders
- **Dept:** Psychiatry and Behavioral Sciences
- **Sponsor:** Allegheny General Hospital
- **Award:** 5 R01 HD046830-05 (08041756-1)
- **Total:** $227,224

**Youth Violence Exposure: A National Longitudinal Study**

- **PI:** Dean Kilpatrick
- **Dept:** Psychiatry and Behavioral Sciences
- **Sponsor:** NIH/NICHD
- **Award:** 5 R01 HD046830-05 (08041756-2)
- **Total:** $46,289

Sonne, Susan

**Co-Investigator**

**South Carolina Consortium of the Clinical Trials Network**

- **PI:** Kathleen Brady
- **Dept:** Psychiatry and Behavioral Sciences
- **Sponsor:** NIH/NIDA
- **Award:** 5 U10 DA13727-08 (07062587-1)
- **Total:** $981,531

**South Carolina Consortium of the Clinical Trials Network**

- **PI:** Kathleen Brady
- **Dept:** Psychiatry and Behavioral Sciences
- **Sponsor:** NIH/NIDA
- **Award:** 3 U10 DA013727-08S1 (07062587-2)
- **Total:** $91,478

**General Clinical Research Center**

- **PI:** Joseph Reves
- **Dept:** Anesthesia and Perioperative Medicine
- **Sponsor:** NIH/NCRR
- **Award:** 5 M01 RR001070-31 (08022594-1)
- **Total:** $1,722,871

Spratt, Eve

**Principal Investigator**

**Training CED/COR Pediatric and Child Psychiatry**

- **Sponsor:** HRSA
- **Award:** 5 T20 MC07467-02-00 (07051180)
- **Budget Dates:** 07/01/07 - 06/30/08
- **Direct:** $13,889
- **F & A:** $1,111

Stewart, Scott

**Principal Investigator**

**Alcohol Dependence in General Medical Settings**

- **Sponsor:** NIH/NIAAA
- **Award:** 5 K23 AA014188-06 (08030455)
- **Budget Dates:** 05/01/08 - 04/30/09
- **Direct:** $139,353
- **F & A:** $11,148

**Co-Investigator**

**An Exploratory Study of Naltrexone Plus Aripiprazole for Alcohol Dependence**

- **PI:** Raymond Anton, Jr.
- **Dept:** Psychiatry and Behavioral Sciences
- **Sponsor:** NIH/NIAAA
- **Award:** 1 R21 AA07525-01 (07061123-1)
- **Total:** $144,018

**A Phase 2 Study of LY2196044 Compared with Naltrexone and Placebo in the Treatment of Alcohol Dependence**

- **PI:** Raymond Anton, Jr.
- **Dept:** Psychiatry and Behavioral Sciences
- **Sponsor:** Eli Lilly
- **Award:** H9T-MC-NABJ (07091288-1)
- **Total:** $180,338
### A Phase 2 Study of LY2196044 Compared with Naltrexone and Placebo in the Treatment of Alcohol Dependence
**PI:** Raymond Anton, Jr.  
**Sponsor:** Eli Lilly  
**Total:** $1,147

**Dept:** Psychiatry and Behavioral Sciences  
**Award:** H9T-MC-NABJ (07091288-2)

### A Phase 2 Study of LY2196044 Compared with Naltrexone and Placebo in the Treatment of Alcohol Dependence
**PI:** Raymond Anton, Jr.  
**Sponsor:** Eli Lilly  
**Total:** $1,600

**Dept:** Psychiatry and Behavioral Sciences  
**Award:** H9T-MC-NABJ (07091288-3)

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#### Sweat, Michael

**Principal Investigator**

**Community-Based VCT: Tanzania**
**Sponsor:** NIH/NIMH  
**Budget Dates:** 01/01/08 - 06/30/08  
**Direct:** $193,083

**Award:** 7 U01 MH066688-06 (07121253)

**Project Dates:** 09/25/03 - 06/30/08  
**F & A:** $73,988

---

#### Swenson, Cynthia

**Principal Investigator**

**MST Model with a Child Maltreatment**
**Sponsor:** MST Group, LLC  
**Budget Dates:** 02/01/04 - 02/29/08  
**Direct:** $170,905

**Award:** (04030311)

**Project Dates:** 02/01/04 - 02/29/08  
**F & A:** $42,727

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#### Thomas, Suzanne

**Principal Investigator**

**Stress and Subsequent Drinking in Individuals with Different Drinking Motives**
**Sponsor:** NIH/NIAAA  
**Budget Dates:** 08/05/07 - 07/31/09  
**Direct:** $144,056

**Award:** 1 R21 AA016289-01A1 (06102058)

**Project Dates:** 08/05/07 - 07/31/09  
**F & A:** $55,565

---

#### Upadhyaya, Himanshu

**Principal Investigator**

**Combined Pharmac/Behavior Therapy in Adolescent Smokers**
**Sponsor:** NIH/NIDA  
**Budget Dates:** 07/01/07 - 06/30/09  
**Direct:** $213,341

**Award:** 5 R01 DA017460-05 (07050246)

**Project Dates:** 09/30/03 - 06/30/09  
**F & A:** $98,137

---

**Co-Investigator**

**Interdisciplinary Medication Development for Multiple Risk Factors in Relapse**
**Sponsor:** NIH/NIDA  
**Budget Dates:** 06/01/04 - 05/31/08  
**Direct:** $250,000

**Award:** 1 R01 DA021690-01A2 (06103099-1)

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**Other**

**Training in Comorbidity of Alcoholism and Mental Illness**
**Sponsor:** NIH/NIAAA  
**Budget Dates:** 06/01/04 - 05/31/08  
**Direct:** $165,577

**Award:** 5 K23 AA014430-05 (07062174-1)

---

**Annual Report for Research FY2008**
Upadhyaya, Himanshu

Co-Investigator

**Atomoxetine in Adolescents with Comorbid ADHD and Nicotine Dependence: A Pilot Study**

- **PI:** Vidya Upadhyaya  
- **Dept:** Psychiatry and Behavioral Sciences  
- **Sponsor:** Eli Lilly  
- **Budget Dates:** 08/01/04 - 07/31/08  
- **Total:** $36,597

**Stimulus Control and Trajectories of Adolescent Smoking**

- **PI:** Matthew Carpenter  
- **Dept:** Psychiatry and Behavioral Sciences  
- **Sponsor:** NIH/NIDA  
- **Budget Dates:** 07/22/04 - 07/31/08  
- **Total:** $20,996

**Stress and Marijuana Cue-Elicited Craving and Reactivity**

- **PI:** Aimee McRae  
- **Dept:** Psychiatry and Behavioral Sciences  
- **Sponsor:** NIH/NIDA  
- **Budget Dates:** 07/19/04 - 07/31/08  
- **Total:** $151,891

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

- **PI:** Matthew Carpenter  
- **Dept:** Psychiatry and Behavioral Sciences  
- **Sponsor:** NIH/NIDA  
- **Budget Dates:** 07/01/04 - 06/30/06  
- **Total:** $205,757

---

Upadhyaya, Vidya

**Principal Investigator**

**Atomoxetine in Adolescents with Comorbid ADHD and Nicotine Dependence: A Pilot Study**

- **PI:** Vidya Upadhyaya  
- **Dept:** Psychiatry and Behavioral Sciences  
- **Sponsor:** Eli Lilly  
- **Award:** B42-US-X015 (04062303)  
- **Budget Dates:** 08/01/04 - 07/31/08  
- **Direct:** $36,597

**Depression Screening in Youth with Epilepsy**

- **PI:** Janelle Wagner  
- **Dept:** Epilepsy Fdn.  
- **Sponsor:** NIH/NIDA  
- **Award:** 07083054  
- **Budget Dates:** 03/01/08 - 02/28/09  
- **Direct:** $38,374

---

Wagner, Janelle

**Principal Investigator**

**Translational Research in Addiction Center - Project 4**

- **PI:** Ronald See  
- **Dept:** Neurosciences  
- **Sponsor:** NIH/NIDA  
- **Award:** P20 DA022658-02 (07062915-6)  
- **Budget Dates:** 09/01/07 - 07/30/08  
- **Direct:** $125,948

---

Wagner, Mark

**Co-Investigator**

**Monoamine Transporter Genes: PTSD with Substance Dependence Risk Factors**

- **PI:** Jun-Sheng Wang  
- **Dept:** Pharmaceutical and Biomedical Science  
- **Sponsor:** VAMC  
- **Award:** 08042163  
- **Budget Dates:** 10/01/07 - 10/30/08  
- **Direct:** $169,000

---

Waldrop, Angela

**Principal Investigator**

**Impulsivity Related to Cocaine Dependence and Trauma**

- **PI:** Zhewu Wang  
- **Dept:** ORWH  
- **Sponsor:** NIH/NIDA  
- **Award:** 07062915-6  
- **Budget Dates:** 09/01/07 - 07/11/08  
- **Direct:** $126,776

**ORWH: SCOR on Sex and Gender Factors Affecting Women's Health - Component 2**

- **PI:** Kathleen Brady  
- **Dept:** Psychiatry and Behavioral Sciences  
- **Sponsor:** NIH/NIDA  
- **Award:** P50 DA016511-02 (07062915-6)  
- **Budget Dates:** 09/01/07 - 07/11/08  
- **Direct:** $101,427

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Wang, Jun-Sheng

**Co-Investigator**

**Drug Transporters and the Disposition of ADHD Therapeutic Agents**

- **PI:** John Markowitz  
- **Dept:** Pharmaceutical and Biomedical Science  
- **Sponsor:** NIH/NIDA  
- **Award:** 0800001-1  
- **Budget Dates:** 10/01/07 - 06/30/08  
- **Direct:** $200,000

---

Wang, Zhewu

**Principal Investigator**

**ORWH: SCOR on Sex and Gender Factors Affecting Women's Health - Component 4**

- **PI:** Zhewu Wang  
- **Dept:** Psychiatry and Behavioral Sciences  
- **Sponsor:** NIH/NIDA  
- **Award:** P50 DA016511-06 (07062915-6)  
- **Budget Dates:** 09/01/07 - 07/11/08  
- **Direct:** $101,427

---
PO for Payment of Statistical Analyst and Laboratory Assistant
Sponsor: VAMC
Award: 534-D87131 (08043016)
Budget Dates: 05/01/08 - 11/30/08 Direct: $ 17,199
Project Dates: 05/01/08 - 11/30/08 F & A: 0

Radiation Oncology

Carter, Cindy
Principal Investigator
The Impact of Dragon Boat Racing On Cancer Survivorship
Sponsor: NIH/NCI
Award: 5 R03 CA128482-02 (08033166)
Budget Dates: 06/01/08 - 05/31/09 Direct: $ 50,000
Project Dates: 06/01/08 - 05/31/09 F & A: 23,000

Gattoni-Celli, Sebastiano
Principal Investigator
Effects of Vitamin D Treatment on Circulating Tumor Cells (CTC) in Patients with Androgen-Independent, Metastatic Prostate Cancer (AIPC)
Sponsor: Cancer Treatment Research Fdn.
Award: G-06-068 (07032304)
Budget Dates: 10/01/07 - 09/30/08 Direct: $ 176,491
Project Dates: 10/01/07 - 09/30/10 F & A: 43,935

Vanek, Kenneth
Co-Investigator
Systemic HA Antagonism as Adjuvant Therapy for Malignant Glioma
Pl: Bernard Maria
Dept: Pediatrics
Sponsor: Halozyme Therapeutics
Award: Halozyme (08021334-1)
Total: $ 77,957

Radiology

Ackerman, Susan
Principal Investigator
Multi-Center, Clinical Study to Determine the Effectiveness and Safety of HEDA in the Screening of Women for Breast Cancer
Sponsor: Z-Tech Corporation
Award: HEDA Study (03100204)
Budget Dates: 07/01/08 - 10/01/08 Direct: $ 106,873
Project Dates: 07/01/08 - 10/01/08 F & A: 26,094

Bilgen, Mehmet
Principal Investigator
Vascular Plasticity in Injured Spinal Cord-Investigations Using MRI
Sponsor: NIH/NINDS
Award: T R21 NS054019-03 (07091285)
Budget Dates: 11/01/07 - 06/30/08 Direct: $ 126,508
Project Dates: 11/01/07 - 06/30/08 F & A: 57,763

Detection of Live Fibers in Injured Spinal Cord
Sponsor: NIH/NINDS
Award: T R21 NS052610-03 (07091286)
Budget Dates: 11/01/07 - 02/29/08 Direct: $ 104,240
Project Dates: 11/01/07 - 02/29/08 F & A: 47,951

Gordon, Leonie
Principal Investigator
Siemens Research Rotation
Sponsor: Siemens Medical Solutions USA
Award: (05062719)
Budget Dates: 06/01/05 - 06/30/08 Direct: $ 23,148
Project Dates: 06/01/05 - 06/30/08 F & A: 1,852

Open-Label, Phase 2 Study of the Safety and Efficacy of Methyl-P-(123I)-Iodophenyl-Petadecanoic Acid (Iodofiltic Acid I 123) for Identification of Ischemic Myocardium Using Single Photon Emission Computed Tomography (SPECT) in Adults with Symptoms Consistent with Acute Coronary Syndrome (ACS)
Sponsor: Molecular Insight Pharmaceuticals, Inc.
Award: MIP-BP23 (07081097)
Budget Dates: 08/09/07 - 08/08/08 Direct: $ 46,100
Project Dates: 08/09/07 - 08/08/08 F & A: 10,900

Harper, Angelle
Principal Investigator
ACRIN 6671/GOC 0233: Utility of Preoperative FDG-PET/CT and Ferumoxtran-10 MRI Scanning Prior to Primary Chemoradiation Therapy to Detect Retroperitoneal Lymph Node Metastasis in Patients with Locoregionally Advanced (IB2, IIA and #8805; 4 cm, IIB-IVA) Carcinoma of the Cervix
Sponsor: Amer. Coll. of Radiology
Award: ACRIN 6671 (07082950)
Budget Dates: 07/11/07 - 07/11/10 Direct: $ 153,012
Project Dates: 07/11/07 - 07/11/10 F & A: 37,628

Huda, Walter
Principal Investigator
Dose and Image Quality in Adult and Pediatric CT
Sponsor: NIH/NIIBB
Award: T R01 EB000460-04 (08052089)
Budget Dates: 06/26/07 - 07/31/08 Direct: $ 28,214
Project Dates: 06/26/07 - 07/31/08 F & A: 12,978
<table>
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<tr>
<th>Principal 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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<tbody>
<tr>
<td><strong>Irshad, Abid</strong></td>
<td>A Single Institution, Clinical Trial to Determine the Accuracy of Ultrasound Acquired Through Virtual Organ Calculation (Vocal) Method for GV Ejection Fraction</td>
<td>General Electric</td>
<td>05/01/08 - 11/30/08</td>
<td>$40,000</td>
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<td>Ravenel, James</td>
<td>ACRIN 6678 - FDG-PET as a Predictive Marker of Tumor Response and Patient Outcome Prospective Validation in Non-Small Cell Lung Cancer</td>
<td>Amer. Coll. of Radiology</td>
<td>04/25/07 - 12/31/08</td>
<td>$32,027</td>
<td>$7,973</td>
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<td>Rumboldt, Zoran</td>
<td><strong>Principal Investigator</strong></td>
<td>Bracco Diagnostics, Inc.</td>
<td>01/01/07 - 03/31/08</td>
<td>$30,848</td>
<td>$7,712</td>
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<td>Schoepf, Uwe</td>
<td><strong>Principal Investigator</strong></td>
<td>Siemens Medical Solutions USA</td>
<td>09/01/07 - 11/30/08</td>
<td>$79,850</td>
<td>$6,388</td>
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**Sponsorship Details**

- **Irshad, Abid**
  - **Sponsor**: General Electric
  - **Budget Dates**: 05/01/08 - 11/30/08
  - **Direct**: $40,000
  - **F & A**: 0

- **Ravenel, James**
  - **Sponsor**: Amer. Coll. of Radiology
  - **Budget Dates**: 04/25/07 - 12/31/08
  - **Direct**: $32,027
  - **F & A**: $7,973

- **Rumboldt, Zoran**
  - **Sponsor**: Bracco Diagnostics, Inc.
  - **Budget Dates**: 01/01/07 - 03/31/08
  - **Direct**: $30,848
  - **F & A**: $7,712

- **Schoepf, Uwe**
  - **Sponsor**: Siemens Medical Solutions USA
  - **Budget Dates**: 09/01/07 - 11/30/08
  - **Direct**: $79,850
  - **F & A**: $6,388
Evaluation of Patients with Confirmed Myocardial Infarction Using Novel Cardiac Magnetic Resonance Imaging Approaches

Sponsor: Siemens Medical Solutions USA
Award: Cardiac MR (08022075)
Budget Dates: 02/01/08 - 02/01/10
Direct: $106,926
F & A: $26,107

Adenosine-Stress Cardiac Dual-Source CT for the Assessment of Myocardial Perfusion and Viability Compared with MRI

Sponsor: Siemens Medical Solutions USA
Award: Adenosine Stress (08022076)
Budget Dates: 02/13/08 - 02/01/10
Direct: $66,832
F & A: $16,083

Prospectively ECG-Triggered Coronary CT Angiography

Sponsor: Siemens Medical Solutions USA
Award: ECG-Triggered (08022077)
Budget Dates: 02/13/08 - 02/01/10
Direct: $129,343
F & A: $31,711

Visiting Clinical Fellowship in Cardiovascular Imaging at MUSC

Sponsor: Bracco Diagnostics, Inc.
Award: Fellowship (08031717)
Budget Dates: 05/01/08 - 04/30/09
Direct: $75,000
F & A: $0

Dual-Source CT with Dual-Energy for the Assessment of Myocardial Perfusion Compared with SPECT

Sponsor: Bracco Diagnostics, Inc.
Award: DUAL ENERGY (08041133)
Budget Dates: 03/27/08 - 02/28/09
Direct: $46,138
F & A: $10,909

Cost-Effectiveness and Cost-Benefit of Multi-Slice Coronary CT Angiography versus Cardiac Catheterization in Patients with Abnormal Myocardial Perfusion Studies

Sponsor: General Electric
Award: 07-OPQ-004 (08041440)
Budget Dates: 03/20/08 - 06/30/09
Direct: $144,600
F & A: $35,400

Medrad Fellowship

Sponsor: Medrad, Inc.
Award: Balazs Ruzsics - Fellow (08052086)
Budget Dates: 06/30/08 - 12/29/08
Direct: $43,500
F & A: $0

A Phase II, Multi-Center, Randomized, Double-Blind, Dose-Finding Study of Iopamidol Injection 370 in Multidetector Computed Tomographic Angiography (MDCTA) in Patients with Suspected Coronary Artery Stenosis

Sponsor: W.L. Gore and Associates, Inc.
Award: IOP-108 (08052831)
Budget Dates: 05/05/08 - 12/31/08
Direct: $69,300
F & A: $16,700

Schoepf, Uwe

Co-PI/Project Leader
Siemens Research Rotation
PI: Leonie Gordon
Dept: Radiology
Sponsor: Siemens Medical Solutions USA
Total: $23,148
Award: (05062719-2)

Schonholz, Claudio

Principal Investigator
The Embolic Protection with Reverse Flow (EMPIRE) Study of the Gore Neuro Protection System in Carotid Stenting of Patients at High Risk for Carotid Endarterectomy

Sponsor: W.L. Gore and Associates, Inc.
Award: EMPIRE (06060545)
Budget Dates: 06/13/06 - 06/30/08
Direct: $34,500
F & A: $8,625

Selby, J.

Principal Investigator
Cardiovascular Outcomes in Renal Atherosclerotic Lesions (CORAL)

Sponsor: Univ. of Toledo
Award: NS 2008-021 (07120732)
Budget Dates: 12/18/07 - 03/31/10
Direct: $86,054
F & A: $28,546

Spampinato, Maria

Principal Investigator
A Phase IV, Double-Blind, Multi-Center, Randomized, Cross-Over Study to Compare 0.10 mmol.kg of MultiHance with 0.10 mmol/kg of Magnevist in Magnetic Resonance Imaging (MRI) of the Brain at 3.0 T

Pl: Zoran Rumboldt
Dept: Radiology
Sponsor: Bracco Diagnostics, Inc.
Total: $19,280
Award: MH-126 (07011771-2)

A Phase IV, Double-Blind, Multi-Center, Randomized, Cross-Over Study to Compare 0.10 mmol.kg of MultiHance with 0.10 mmol/kg of Magnevist in Magnetic Resonance Imaging (MRI) of the Brain at 3.0 T

Pl: Zoran Rumboldt
Dept: Radiology
Sponsor: Bracco Diagnostics, Inc.
Total: $11,568
Award: MH-126 (07011771-3)

Spicer, Kenneth

Principal Investigator
An Open-Label, Parallel-Group, Multi-Center Study, Evaluating the Safety and Imaging Characteristics of F-AV-45 in Healthy Volunteers, Patients with Mild to Moderate Cognitive Impairment (MCI) and Patients with Alzheimer’s Disease (AD)

Sponsor: Avid Radiopharmaceuticals, Inc.
Budget Dates: 06/24/08 - 07/31/09
Direct: $144,500
Spicer, Kenneth

Co-PI/Project Leader
Open-Label, Dose-Confirmation and Dosimetry Study of Interstitial I-chTNT-1/C1 MAb (Cotara) for the Treatment of Glioblastoma Multiforme (GBM) at First Relapse
PI: Sunil Patel  Sponsor: Peregrine Pharmaceuticals  Total: $ 201,847
Dept: Neurosciences  Award: PPHM 0602 (07031362-2)

Turk, III, Aquilla

Principal Investigator
MAPS Trial: Matrix And Platinum Science A Prospective, Randomized, Multi-Center Trial Investigating Matrix2 and GDC Coils for the Treatment of Intracranial Saccular Aneurysms
Sponsor: Boston Scientific Corp.  Sponsor: Peregrine Pharmaceuticals  Total: $ 201,847
Dept: Neurosciences  Award: PPHM 0602 (07031362-2)

Uflicker, Renan

Principal Investigator
VALOR II: The Valiant Thoracic Stent Graft System Clinical Study: Evaluation of the Clinical Performance of the Valiant Thoracic Stent Graft System for Treatment of Descending Thoracic Aneurysms and Degenerative Aneurysms of the Thoracic Aorta
Sponsor: Medtronic, Inc.  Sponsor: W.L. Gore and Associates, Inc.  Total: $ 30,500
Dept: Radiology  Award: EMPiRE (06060545-2)

Surgery

Baker, Megan

Principal Investigator
A Phase II, Adjuvant Trial Comparing Three Chemotherapy Regimens in Women with Node-Positive Breast Cancer: Docetaxel/Doxorubicin/Cyclophosphamide (TAC); Dose-Dense (DD) Doxorubicin/Cyclophosphamide Followed by DD Paclitaxel (DD AC->P); DD AC Follow
Sponsor: NSABP  Sponsor: W.L. Gore and Associates, Inc.  Total: $ 4,000
Dept: Radiology  Award: EMPiRE (06060545-3)

Baliga, Prabhakar

Principal Investigator
A Randomized, Open-Label Study to Compare the Rate of New Non-Melanoma Skin Cancer in Maintenance Renal Allograft Recipients Converted to a Sirolimus-Based Regimen Versus Continuation of a Calcineurin Inhibitor-Based Regimen
Dept: Radiology  Award: EMPiRE (06060545-3)
A Program to Increase Living Donations in African Americans
Sponsor: NIH/NIDDK  
Award: 2 R01 DK062596-06 (06121846)

Bradley, Scott  
Co-Investigator  
Randomized Clinical Trials for Pediatric Heart Disease  
PI: J. Saul  
Dept: Pediatrics  
Sponsor: NIH/NHLBI  
Budget Dates: 09/15/02 - 07/31/12  
Direct: $ 142,500  
F & A: $ 65,550  
Award: 5 U01 HL068281-07 (07070666-1)

Bratton, Charles  
Principal Investigator  
A Phase II/III, Randomized, Open-Label, Active-Controlled, Multi-Center Trial to Evaluate the Safety and Efficacy of Efalizumab Compared with Cycosporine, Both in Combination with Mycophenolate Mofetil and Corticosteroids, as an Immunosuppressant Regimen in De Novo Renal Transplantation  
Sponsor: Genentech, Inc.  
Budget Dates: 06/10/08 - 05/31/10  
Direct: $ 392,678  
F & A: $ 97,420  
Award: ACD4230g (08061012)

Chavin, Kenneth  
Principal Investigator  
Effects of Obesity on Musculocutaneous Flaps Used for Breast Reconstruction  
Sponsor: CellzDirect, Inc.  
Budget Dates: 10/01/04 - 12/31/08  
Direct: $ 199,055  
F & A: $ 91,565  
Award: 5 R01 DK069369-02 (07060814)

The Hepatic Research Registry  
Sponsor: Amer. Cancer Soc.  
Budget Dates: 09/05/06 - 07/31/11  
Direct: $ 237,352  
F & A: $ 58,538  
Award: RAD001H2304 509 (08051463)

Protection of Steatotic Livers from Primary Nonfunction  
Sponsor: NIH/NIDDK  
Budget Dates: 08/01/07 - 07/31/08  
Direct: $ 170,673  
F & A: $ 78,510  
Award: 5 R01 CA083672-08 (08030452)

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: $ 205,024  
F & A: $ 82,484  
Award: 5 R01 CA123159-01A1 (06101741)

Chavin, Kenneth  
Co-Investigator  
A Program to Increase Living Donations in African Americans  
PI: Prabhakar Baliga  
Dept: Surgery  
Sponsor: NIH/NIDDK  
Budget Dates: 08/01/07 - 07/31/08  
Direct: $ 194,200  
F & A: $ 69,550  
Award: 2 R01 DK062596-06 (06121846)

Cole, David  
 Principal Investigator  
Targeting the CaSm Oncogene as a Novel Therapy for Pancreatic Cancer  
Sponsor: NIH/NCI  
Budget Dates: 09/08/07 - 07/31/08  
Direct: $ 205,024  
F & A: $ 82,484  
Award: 1 R01 CA123159-01A1 (06101741)

Altering Post Vaccination T Cell Contraction  
Sponsor: NIH/NCI  
Budget Dates: 11/01/99 - 04/30/09  
Direct: $ 170,673  
F & A: $ 78,510  
Award: 5 R01 CA083672-08 (08030452)

Co-Investigator  
Epistatic Effects of FcgammaR and Fc (GM) Genes in Breast Cancer  
PI: Janardan Pandey  
Dept: Microbiology and Immunology  
Sponsor: DOD/US Army  
Budget Dates: 09/08/07 - 07/31/08  
Direct: $ 100,000  
Award: W81XWH-08-1-0373 (07052112-1)

TRAIL-Induced Apoptosis in Prostate Cancer  
PI: Christina Voelkel-Johnson  
Dept: Microbiology and Immunology  
Sponsor: NIH/NCI  
Budget Dates: 09/08/07 - 07/31/08  
Direct: $ 170,673  
F & A: $ 78,510  
Award: 5 R01 CA122218-05 (08011461-1)

Significant Contributor  
General Clinical Research Center  
PI: Joseph Reves  
Dept: Anesthesia and Perioperative Medicine  
Sponsor: NIH/NCRR  
Budget Dates: 09/08/07 - 07/31/08  
Direct: $ 1,762,556  
F & A: $ 78,510  
Award: 2 M01 RR001070-30A1 (06100397-1)

Diaz-Montero, Claudia  
Other  
Altering Post Vaccination T Cell Contraction  
PI: David Cole  
Dept: Surgery  
Sponsor: NIH/NCI  
Budget Dates: 09/08/07 - 07/31/08  
Direct: $ 170,673  
F & A: $ 78,510  
Award: 5 R01 CA083672-08 (08030452-1)
Esnaola, Nestor

Co-PI/Project Leader
American Cancer Society Institutional Research Grant (ACSIRG): Race and Patient-Related Factors Underlying Willingness to Undergo Surgery for Lung Cancer
PI: Carolyn Reed  Sponsor: Amer. Cancer Soc.  Total: $ 24,000
Dept: Surgery  Award: IRG-97-219-08 (06033010-12)

Hsia, Tain-Yen

Principal Investigator
Wireless Sensors for Intracardiac Monitoring in Congenital Heart Defects
Sponsor: March of Dimes  Budget Dates: 02/01/08 - 01/31/10  Direct: $ 136,364
Award: 5-FY07-653 (07061754)

Pfizer Visiting Professorship in Preventive Cardiovascular Medicine
Sponsor: Pfizer Fdn.  Budget Dates: 02/01/08 - 06/30/09  Direct: $ 7,500
Award: (08020481)

Ikonomidis, John

Principal Investigator
3F Aortic Bioprosthesis, Model 1000
Sponsor: 3F Therapeutics  Budget Dates: 06/01/02 - 12/31/07  Direct: $ 10,800
Award: (02070505)

Extracellular Mechanisms for Thoracic Aortic Aneurysms
Sponsor: NIH/NHLBI  Budget Dates: 12/01/07 - 11/30/08  Direct: $ 213,341
Award: 5 R01 HL075488-05 (07101119)

Jones, Jeffery

Co-Investigator
Extracellular Mechanisms for Thoracic Aortic Aneurysms
PI: John Ikonomidis  Sponsor: NIH/NHLBI  Total: $ 170,672
Dept: Surgery  Award: 5 R01 HL075488-05 (07101119-1)

Extracellular Mechanisms for Thoracic Aortic Aneurysms
PI: John Ikonomidis  Sponsor: NIH/NHLBI  Total: $ 42,669
Dept: Surgery  Award: 5 R01 HL075488-05 (07101119-2)

Lin, Angello

Principal Investigator
A Randomized, Double-Blind Study to Assess the Efficacy and Safety of Prophylactic Use of Maribavir Versus Ganciclovir for the Prevention of Cytomegalovirus Disease in Recipients of Orthotopic Liver Transplants
Sponsor: Viropharma, Inc.  Budget Dates: 06/12/07 - 11/03/09  Direct: $ 326,380
Award: 1263-301 (07051489)

A Phase 2, Randomized, Multi-Center, Active, Comparator-Controlled Trial to Evaluate the Safety and Efficacy of Coadministration of CP-690,550 and Mycophenolate Mofetil/Mycophenolate Sodium in De Novo Kidney Allograft Recipients, Study# A3921030-1051
Sponsor: Icon Clinical Research, Inc.  Budget Dates: 08/21/07 - 08/21/10  Direct: $ 179,324
Award: A3921030 (07082334)

Mains, Ira

Principal Investigator
Extracellular Matrix Modulation by the Myocardial Fibroblast in Human Heart Failure
Sponsor: Amer. Heart Assoc./Mid-Atlantic  Budget Dates: 07/01/07 - 06/30/07  Direct: $ 20,000
Award: (0615472U (06011102)

Mitas, Michael

Principal Investigator
Peripheral Blood Molecular Staging of Breast Cancer
Sponsor: Washington Univ.  Budget Dates: 08/01/07 - 07/31/08  Direct: $ 21,163
Award: WU-07-231/5R01CA109058-02 (07091811)

Project Dates: 09/12/06 - 07/31/11  F & A: 9,735
**Minimally Invasive Detection of Lymphatic Micrometastases in Pancreatic Cancer SPORE**

**Sponsor:** Mayo Clinic  
**Budget Dates:** 09/10/07 - 08/31/08  
**Direct:** $18,000  
**F & A:** 0

**Mitias, Michael**

**Co-PI/Project Leader**  
**COEE - Prognostic Value of Map/E-cadherin Expression Ratio in Stage II Colorectal Cancer - Mitias**  
**PI:** Carolyn Reed  
**Sponsor:** MUSC Fdn.  
**Total:** $62,795

**Mukherjee, Rupak**

**Co-Investigator**  
**Collagenase Inhibition in Heart Failure**  
**PI:** Francis Spinale  
**Sponsor:** NIH/NHLBI  
**Total:** $264,259

**Nishimura, Michael**

**Principal Investigator**  
**TCR Affinity and Therapeutic Efficacy of T Cells**  
**Sponsor:** NIH/NCI  
**Budget Dates:** 07/01/07 - 05/31/08  
**Direct:** $230,595  
**F & A:** 73,399

**Autoimmune Vitiligo as a Roadmap to Melanoma Therapy**  
**Sponsor:** Loyola University Chicago  
**Budget Dates:** 06/01/07 - 05/31/09  
**Direct:** $10,617  
**F & A:** 4,883

**Rajagopalan, P.**

**Principal Investigator**  
**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:** $17,080  
**F & A:** 4,270

**Reed, Carolyn**

**Principal Investigator**  
**American Cancer Society Institutional Research Grant (ACSI/IRG)**  
**Sponsor:** Amer. Cancer Soc.  
**Budget Dates:** 01/01/08 - 12/31/08  
**Direct:** $120,000  
**F & A:** 0

**Prognostic Value of Map/E-cadherin Expression Ratio in Stage II Colorectal Cancer**  
**Sponsor:** MUSC Fdn.  
**Budget Dates:** 11/01/07 - 10/30/08  
**Direct:** $62,795  
**F & A:** 0

**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 Inc  
**Total:** $442,800

**Salem, Mahamed**

**Co-Investigator**  
**Altering Post Vaccination T Cell Contraction**  
**PI:** David Cole  
**Sponsor:** NIH/NCI  
**Total:** $170,673

**Shealy, Ralph**

**Significant Contributor**  
**General Volunteer Training for ESAR-VIP**  
**PI:** D. Kennedy  
**Sponsor:** SC DHEC  
**Total:** $158,183
Shealy, Ralph

**Other**

**General Volunteer Training for ESAR-VIP**

PI: D. Kennedy

Dept: SC AHEC

Sponsor: SC DHEC

Award: 692184 (07080174-1)

Total: $46,296

Spinale, Francis

**Principal Investigator**

**Maladaptive Remodeling in Aging Myocardium**

Sponsor: VAMC

Budget Dates: 10/01/07 - 09/30/08

Direct: $150,000

**Collagenase Inhibition in Heart Failure**

Sponsor: NIH/NHLBI

Budget Dates: 09/01/07 - 05/31/08

Direct: $248,547

**Protection of Ischemic Myocardium**

Sponsor: Univ. of Louisville

Budget Dates: 04/01/07 - 03/31/08

Direct: $34,295

**Biomarker Matrix for Heart Failure Detection and Prediction**

Sponsor: Johnson and Johnson

Budget Dates: 07/15/07 - 07/14/09

Direct: $748,600

**Imaging of MMP Activation and Myocardial Fiber Strains**

Sponsor: Yale Univ.

Budget Dates: 09/01/07 - 08/31/08

Direct: $45,000

**Collagenase Inhibition in Heart Failure**

Sponsor: NIH/NHLBI

Budget Dates: 06/01/08 - 05/31/09

Direct: $264,259

**Co-PI/Project Leader**

Load Induced Cardiac Hypertrophy in the Adult Mammal - Project 2

PI: George Cooper, IV

Dept: Medicine

Sponsor: NIH/NHLBI

Award: 5 P01 HL048788-15 (07061438-8)

Total: $172,944

**Co-Investigator**

Load Induced Cardiac Hypertrophy in the Adult Mammal - Core C

PI: George Cooper, IV

Dept: Medicine

Sponsor: NIH/NHLBI

Award: 5 P01 HL048788-15 (07061438-4)

Total: $143,756

**Extracellular Mechanisms for Thoracic Aortic Aneurysms**

PI: John Ikonomidis

Dept: Surgery

Sponsor: NIH/NHLBI

Award: 5 R01 HL075488-05 (07101119-1)

Total: $170,672

**Extracellular Mechanisms for Thoracic Aortic Aneurysms**

PI: John Ikonomidis

Dept: Surgery

Sponsor: NIH/NHLBI

Award: 5 R01 HL075488-05 (07101119-2)

Total: $42,669

**Significant Contributor**

General Clinical Research Center

PI: Joseph Reves

Dept: Anesthesia and Perioperative Medicine

Sponsor: NIH/NCRR

Award: 2 M01 RR001070-30A1 (06100397-1)

Total: $1,762,556

Zhang, Yi

**Co-PI/Project Leader**

American Cancer Society Institutional Research Grant (ACSRG): Adoptive Therapy of HCV-associated Hepatocellular Carcinoma

PI: Carolyn Reed

Dept: Surgery

Sponsor: Amer. Cancer Soc.

Award: IRG-97-219-08 (06033010-11)

Total: $24,000

Urology

Keane, Thomas

**Principal Investigator**

A Randomized, Double-Blind, Placebo-Controlled, Parallel Group Study of the Efficacy and Safety of Dutasteride 0.5mg Administered Orally Once Daily for Four Years to Reduce the Risk of Biopsy-Detectable Prostate Cancer

Sponsor: GlaxoSmithKline

Budget Dates: 03/06/03 - 11/01/08

Direct: $1,267

Award: ARI40006 (03052901)

Project Dates: 03/06/03 - 11/01/08

F & A: 317
**SIP 25-04 Prostate Cancer: Decision Making and Outcomes (FACTS Study)**
Sponsor: Univ. of Washington  
Award: 5 U48 DP000050-03 (06111338)

**An Open-Label, Phase 2 Study to Evaluate the Efficacy and Tolerability of ABT-869 in Subjects with Advanced Renal Cell Carcinoma (RCC) Who Have Previously Received Treatment with Sunitinib**
Sponsor: Abbott Labs  
Award: M06-882 (07121034)

**A Randomized, Double-Blind, Placebo-Controlled, Parallel-Design, Multi-Center Study to Evaluate the Urodynamic Effects of Tadalafil Once a Day for 12 Weeks in Men with Signs and Symptoms of Benign Prostatic Hyperplasia**
Sponsor: Eli Lilly  
Award: H6D-MC-LVHK (06092014)

**A 12-Week, Randomized, Double-Blinded, Placebo-Controlled, Parallel-Group, Multi-Center Trial to Evaluate the Efficacy and Safety of a Fesoterodine Flexible Dose Regimen in Patients with Overactive Bladder**
Sponsor: Pfizer, Inc.  
Award: A0221014 (07071082)

**A Single-Masked, Randomized, Multi-Center, 2-Arm, Parallel Study Comparing the Safety and Effectiveness of Bulkamid and Contigen as Bulking Agents for the Treatment of Stress Urinary Incontinence in Females**
Sponsor: Centura International  
Award: UPC032006 (08022605)

**A Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Efficacy and Safety of Fesoterodine as an Add-On Therapy in Men with Persistent Overactive Bladder Symptoms Under Monotherapy of Alpha Blocker for Lower Urinary Tract Symptoms**
Sponsor: Icon Clinical Research, Inc.  
Award: A0221009 (08042805)

**An Open-Label, Multi-Center Study of Augmentation Cystoplasty Using an Autologous Neo-Bladder Construct in Subjects with Non-Neurogenic Overactive Bladder and Urge Predominant Incontinence**
Sponsor: Tengion, Inc  
Award: TNG CL 006 (08062593)
<table>
<thead>
<tr>
<th>College of Nursing</th>
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<tr>
<td><strong>Nursing</strong></td>
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</table>
| **Amella, Elaine** Principal Investigator | **Spreading the Word: Teaching Caregivers to Support Meals at Home**  
Sponsor: SC Nutrition Research Consortium  
Award: SCRA Task Order 0037 (07062179)  
Budget Dates: 11/01/07 - 10/31/08  
Direct: $20,000  
F & A: $0 |
| **Andrews, Jeannette** Principal Investigator | **The Impact of a Tobacco Control Intervention in African-American Families**  
Sponsor: Medical Coll. of Georgia  
Award: 21475/1 R01 CA118066-01A2 (08011897)  
Budget Dates: 01/01/08 - 05/31/08  
Direct: $8,001  
F & A: $2,081 |
| **Barbosa, Gail** Principal Investigator | **Advance Education Nursing Grants: Teaching and Reaching Vulnerable Populations**  
Sponsor: HRSA  
Award: 5 D09 HP07320-02-00 (07053068)  
Budget Dates: 07/01/06 - 06/30/09  
Direct: $171,345  
F & A: $13,708 |
| **Benedict, Susan** Principal Investigator | **Nurses and Ethical Dilemmas**  
Sponsor: NIH/NINR  
Award: 5 K01 NR008508-03 (07053172)  
Budget Dates: 08/01/05 - 07/31/08  
Direct: $84,097  
F & A: $6,728 |
| **Bond, Sharon** Principal Investigator | **Translating an Efficacious HPV Vaccine into the Control of Cervical Cancer**  
Sponsor: NIH/NCI  
Award: 1 R03 CA130724-01 (06122059)  
Budget Dates: 09/01/07 - 08/31/08  
Direct: $52,098  
F & A: $23,965 |
| **Bryant, Deborah** Principal Investigator | **Mobile Mammography Screening for Underinsured Communities**  
Sponsor: Susan G. Komen Fdn.  
Award: (07120412)  
Budget Dates: 04/01/08 - 03/31/09  
Direct: $18,600  
F & A: $0  
Significant Contributor  
Southeastern US Collaborative CEED  
PI: Marvella Ford  
Sponsor: Morehouse School of Medicine  
Total: $47,945  
Dept: Biostatistics, Bioinformatics and Epidemiology  
Award: 1-U58-DP-000984-01 (07050348-1) |
| **Edlund, Barbara** Co-Investigator | **Improving Patient Outcomes in End-of-Life Care Provided by Physicians and Nurses**  
Sponsor: Univ. of Washington  
Award: 411005 (06062609-1)  
Budget Dates: 04/01/08 - 03/31/09  
Total: $143,811  
Dept: Medicine |
| **Finch, Nancy** Co-Investigator | **Intravenous Insulin Protocol in Diabetes and Renal Transplantation**  
Sponsor: Amer. Diabetes Assoc.  
Award: T-07-CR-22 (07011042-1)  
Budget Dates: 04/01/08 - 03/31/09  
Total: $173,865  
Dept: Medicine |
| **Jenkins, Carolyn** Principal Investigator | **Southeastern African American Diabetes, Hypertension and Stroke**  
Sponsor: CDC  
Award: 1 U58 DP001015-01 (07050347)  
Budget Dates: 09/30/07 - 09/29/08  
Direct: $690,988  
F & A: $159,012 |

Annual Report for Research FY2008
### Kelechi, Teresa

**Principal Investigator**

**Cryotherapy for Chronic Venous Disorders: A Pilot Study**
- **Sponsor:** NIH/NINR
- **Award:** R21 NR010604-01 (07021205)
- **Budget Dates:** 06/01/08 - 05/31/09
- **Direct:** $122,625
- **F & A:** $56,408

**Safety and Wound Healing Efficacy of the TalidermR Wound Dressing a Poly-N-Acetyl Glucosamine-Derived Membrane Material in Humans with Venous Stasis Ulcers: A Pilot Study**
- **Sponsor:** Marine Polymer Technologies
- **Award:** 07082129
- **Budget Dates:** 08/15/07 - 09/30/08
- **Direct:** $61,235
- **F & A:** $15,309

**Cryotherapy for Chronic Venous Disorders: A Pilot Study**
- **Sponsor:** NIH/NINR
- **Award:** R21 NR010604-02 (08041022)
- **Budget Dates:** 09/11/07 - 05/31/09
- **Direct:** $150,000
- **F & A:** $69,000

**Co-Investigator**
- General Clinical Research Center
- **Sponsor:** NIH/NCRR
- **Total:** $1,762,556
- **Dept:** Anesthesia and Perioperative Medicine
- **Award:** 2 M01 RR001070-30A1 (06100397-1)

### Laken, Marilyn

**Principal Investigator**

**Basic Nurse Education and Practice Program**
- **Sponsor:** HRSA
- **Award:** D11 HP00285-07-01 (07062705)
- **Budget Dates:** 07/01/07 - 06/30/08
- **Direct:** $314,305
- **F & A:** $25,144

**Partnerships with Title One Schools to Reduce Health Disparities**
- **Sponsor:** Duke Endowment
- **Award:** 6035-SP (07092129)
- **Budget Dates:** 01/01/08 - 12/01/10
- **Direct:** $96,982
- **F & A:** 0

**A Partnership to Promote Physical Activity and Healthy Eating in AME Churches**
- **Sponsor:** Univ. of South Carolina
- **Award:** 1R1HL083958-03/PO #71660 (08032754)
- **Budget Dates:** 06/01/06 - 03/31/09
- **Direct:** $58,535
- **F & A:** $26,926

### Magwood, Gayenelle

**Co-PI/Project Leader**

**Southeastern African American Diabetes, Hypertension and Stroke**
- **PI:** Carolyn Jenkins
- **Dept:** Nursing
- **Total:** $690,988
- **Award:** 1 U58 DP001015-01 (07050347-1)

### Nemeth, Lynne

**Co-Investigator**

**Primary Care Practice Based Research Networks (PBRNs): Modification 1**
- **PI:** Steven Ornstein
- **Dept:** Family Medicine
- **Total:** $5,822
- **Award:** HHSA290 2007 10015, TO#1 (06081788-2)

**Medication Safety in Primary Care Practice - Translating Research into Practice (MS-TRIP)**
- **PI:** Steven Ornstein
- **Dept:** Family Medicine
- **Total:** $248,016
- **Award:** 1 R18 HS017037-01 (07020783-1)

**Colorectal Cancer Screening in Primary Care Practice**
- **PI:** Steven Ornstein
- **Dept:** Family Medicine
- **Total:** $270,978
- **Award:** 5 R01 CA112389-03 (08030663-1)

**Implementation and Evaluation of Standing Orders Using Health Information Technology**
- **PI:** Heather Liszka
- **Dept:** Family Medicine
- **Total:** $307,233
- **Award:** HHSAA290200710015/T.O. #2 (08043021-1)

### Newman, Susan

**Principal Investigator**

**Community Integration after Spinal Cord Injury: Identifying Barriers and Facilitators through Photovoice**
- **Sponsor:** Rehabilitation Nursing Foundation
- **Budget Dates:** 01/01/08 - 12/31/09
- **Direct:** $8,877
- **F & A:** 0

### Nickerson, Brenda

**Co-PI/Project Leader**

**Southeastern US Collaborative CEED**
- **PI:** Marvella Ford
- **Dept:** Biostatistics, Bioinformatics and Epidemiology
- **Total:** $47,945
- **Award:** 1-U58-HP-00984-01 (07050348-1)

**Mobile Mammography Screening for Underinsured Communities**
- **PI:** Deborah Bryant
- **Dept:** Nursing
- **Total:** $18,600
- **Award:** (07120412-1)
Pope, Charlene  
**Principal Investigator**  
*Carolina Conversations: A Multiethnic Digital Corpus of Speech for Older Persons*  
Sponsor: NIH/NLM  
**Budget Dates:** 09/01/07 - 09/14/08  
**Direct:** $134,758  
**Award:**  G08 LM009624-01 (07052436)  
**Project Dates:** 09/01/07 - 09/14/10  
**F & A:** 0

Roberson, Jason  
**Co-Investigator**  
*Video Medical Interpretation Research*  
Pl: Deborah Williamson  
**Sponsor:** NIH/NLM  
**Total:** $17,000  
**Dept:** Nursing  
**Award:** HHSN276200700282P (08040280-1)

Smith, Gigi  
**Co-Investigator**  
*SC Health Outcome Project on Epilepsy*  
Pl: Anbesaw Selassie  
**Sponsor:** AAMC  
**Total:** $213,701  
**Dept:** Biostatistics, Bioinformatics and Epidemiology  
**Award:** U36/CCU319276 (07041783-1)

Stroud, Sally  
**Principal Investigator**  
*Advanced Education Nursing Traineeship Program*  
**Sponsor:** HRSA  
**Budget Dates:** 07/01/07 - 06/30/08  
**Direct:** $77,149  
**Award:** A10 HP08284-01-01 (07011880)  
**Project Dates:** 07/01/07 - 06/30/08  
**F & A:** 0

Stuart, Gail  
**Principal Investigator**  
*Simulation in Nursing Education*  
**Sponsor:** Health Sciences SC  
**Budget Dates:** 11/06/07 - 12/01/08  
**Direct:** $225,849  
**Award:** 6000-SP (07061963)  
**Project Dates:** 11/06/07 - 12/01/10  
**F & A:** 0

Vandemark, Lisa  
**Principal Investigator**  
*Using the Interactive Health Equity Atlas (iHEA) for Research, Teaching and Interventions in the South Carolina Low Country*  
**Sponsor:** Center for Public Service Communications  
**Budget Dates:** 04/01/08 - 03/31/09  
**Direct:** $28,956  
**Award:** 2008-04 (08040707)  
**Project Dates:** 04/01/08 - 03/31/09  
**F & A:** 2,320

Welton, John  
**Co-PI/Project Leader**  
*Linking Processes of Nursing Care and Patient Safety Outcomes: An Analysis of the Cause and Effect of Safe Practice Implementation*  
Pl: Richard Lindrooth  
**Sponsor:** Robert Wood Johnson Fdn.  
**Total:** $131,158  
**Dept:** Health Administration and Policy  
**Award:** 62603 (07041272-1)

Williamson, Deborah  
**Principal Investigator**  
*Nurse Education Practice and Retention*  
**Sponsor:** HRSA  
**Budget Dates:** 07/01/07 - 06/30/08  
**Direct:** $269,488  
**Award:** D11 HP05206-03-00 (07062922)  
**Project Dates:** 07/01/07 - 06/30/10  
**F & A:** 21,559

**Communities in Schools: SAFE Initiative (Johns Island Teen Clinic)**  
**Sponsor:** Communities in Schools  
**Budget Dates:** 07/01/07 - 06/30/08  
**Direct:** $32,739  
**Award:** (07070665)  
**Project Dates:** 07/01/07 - 06/30/08  
**F & A:** 0

**Teen Health Advocate Leadership Program Planning Grant**  
**Sponsor:** Center for Public Service Communications  
**Budget Dates:** 02/01/08 - 06/30/08  
**Direct:** $11,713  
**Award:** 2008-02 (08031308)  
**Project Dates:** 02/01/08 - 06/30/08  
**F & A:** 937

**Video Medical Interpretation Research**  
**Sponsor:** NIH/NLM  
**Budget Dates:** 09/20/07 - 09/19/08  
**Direct:** $17,000  
**Award:** HHSN276200700282P (08040280)  
**Project Dates:** 09/20/07 - 09/19/08  
**F & A:** 1,360

**Significant Contributor**  
*Southeastern US Collaborative CEED*  
Pl: Marvella Ford  
**Sponsor:** Morehouse School of Medicine  
**Total:** $47,945  
**Dept:** Biostatistics, Bioinformatics and Epidemiology  
**Award:** 1-U58-DP-000984-01 (07050348-1)
Pharmaceutical and Biomedical Sciences

Beeson, Craig

Principal Investigator

Beta Oxidation in Myotubes
Sponsor: Seahorse Biosciences, Inc.  
Award: 05031591  
Budget Dates: 03/14/05 - 12/31/07  
Direct: $51,370  
F & A: $23,630

Mitochondrial Antibody Array Agreement
Sponsor: Lumera Corporation  
Award: Lum-2007 (07042519)  
Budget Dates: 04/25/07 - 04/30/08  
Direct: $50,000

Argolyn-MUSC Contract
Sponsor: Argolyn Bioscience, Inc.  
Award: Project 2 (07090671)  
Budget Dates: 08/01/07 - 09/30/08  
Direct: $68,200  
F & A: $31,372

Co-PI/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-0807-0446-MUSC-WG (08020485-1)  
Total: $200,000

Role of Prolyl Hydroxylase Oxygen-Sensor in Cardioprotection
Pl: Gary Wright  
Dept: Pharmaceutical and Biomedical Science  
Sponsor: NIH/NHLBI  
Award: 1 R01 HL083402-01A2 (06102795-1)  
Total: $225,000

Multi-Well Extracellular Flux Analyzer
Pl: John Lemasters  
Dept: Pharmaceutical and Biomedical Science  
Sponsor: NIH/NCRR  
Award: 1 S10 RR025882-01 (07032086-1)  
Total: $301,140

Blum, Jason

Principal Investigator

Role of iPLA2-Gamma in Renal Function Following Oxidative Stress
Sponsor: NIH/NIDDK  
Award: 1 F32 DK081267-01 (07080685)  
Budget Dates: 03/01/08 - 02/28/09  
Direct: $46,826

Dix, Thomas

Principal Investigator

Argolyn-MUSC Contract
Sponsor: Argolyn Bioscience, Inc.  
Award: Project 1 (07090671)  
Budget Dates: 08/01/07 - 07/31/08  
Direct: $68,200  
F & A: $31,372

Eaddy, Andre

Principal Investigator

Role of iPLA2gamma in Oxidant-Induced Cell Death and Renal Failure
Sponsor: NIH/NIEHS  
Award: 1 F30 ES015964-01 (06120506)  
Budget Dates: 09/01/07 - 08/31/10  
Direct: $31,711

Lemasters, John

Principal Investigator

Mitochondrial Dysfunction and Drug Hepatotoxicity
Sponsor: Univ. of Kansas Medical Center  
Award: QJ818780/7R01DK070195-03 (07020568)  
Budget Dates: 08/01/07 - 07/31/08  
Direct: $81,789  
F & A: $37,623

Multi-Well Extracellular Flux Analyzer
Sponsor: NIH/NCRR  
Award: 1 S10 RR024582-01 (07032088)  
Budget Dates: 03/01/08 - 02/28/09  
Direct: $301,140

Ethanol-Induced VDAC Closure in Hepatocytes
Sponsor: Univ. of North Carolina  
Award: 5-34666/5R21AA016011-01A1 (07061964)  
Budget Dates: 08/01/07 - 07/31/08  
Direct: $10,096  
F & A: $4,644

Co-PI/Project Leader

COEE Endowment 2007
Pl: Rick Schnellmann  
Dept: Pharmaceutical and Biomedical Science  
Sponsor: MUSC Fdn.  
Award: (07072337-2)  
Total: $90,000
Lemasters, John
Co-Investigator
Role of Prolyl Hydroxylase Oxygen-Sensor in Cardioprotection
PI: Gary Wright Sponsor: NIH/NHLBI Total: $ 225,000
Dept: Pharmaceutical and Biomedical Science Award: 1 R01 HL084302-01A2 (06102795-1)

Transplantation of Reduced-Size Fatty Livers
PI: Zhi Zhong Sponsor: NIH/NIDDK Total: $ 175,567
Dept: Pharmaceutical and Biomedical Science Award: 5 R01 DK070844-03 (08032863-1)

Markowitz, John
Principal Investigator
Drug Transporters and the Disposition of ADHD Therapeutic Agents
Sponsor: NIH/NIDA Budget Dates: 08/01/07 - 07/31/08 Direct: $ 200,000
Award: 1 R01 DA022475-01A1 (06110621) Project Dates: 08/01/07 - 07/31/11 F & A: 92,000

Nieminien, Anna-Liisa
Principal Investigator
Mechanisms of Cell Death after Photodynamic Therapy
Sponsor: NIH/NCI Budget Dates: 08/01/07 - 07/31/08 Direct: $ 177,725
Award: 1 R01 CA119079-01A2 (07072032) Project Dates: 08/01/07 - 07/31/11 F & A: 81,753

Patrick, Kennerly
Principal Investigator
Methylphenidate-Ethanol Interactions in ADHD and Co-Abuse
Sponsor: NIH/NIAAA Budget Dates: 09/01/07 - 08/31/08 Direct: $ 218,475
Award: 5 R01 AA016707-01A1 (07062924) Project Dates: 09/30/02 - 08/31/11 F & A: 100,499

Co-Investigator
Role of Prolyl Hydroxylase Oxygen-Sensor in Cardioprotection
PI: Gary Wright Sponsor: NIH/NHLBI Total: $ 225,000
Dept: Pharmaceutical and Biomedical Science Award: 1 R01 HL084302-01A2 (06102795-1)

Drug Transporters and the Disposition of ADHD Therapeutic Agents
PI: John Markowitz Sponsor: NIH/NIDA Total: $ 200,000
Dept: Pharmaceutical and Biomedical Science Award: 1 R01 DA022475-01A1 (06110621-1)

Pat Schnellmann, Rick
Principal Investigator
Center for Drug Discovery in Cancer: Endowed Professorships
Sponsor: SC Research Centers of Economic Excellence Budget Dates: 07/01/07 - 06/30/08 Direct: $ 223,468
Award: (06062510) Project Dates: 09/15/13 - 06/30/10 F & A: 0

Training Program in Environmental Stress Signaling
Sponsor: NIH/NIEHS Budget Dates: 07/01/07 - 06/30/08 Direct: $ 127,876
Award: 5 T32 ES012878-03 (06112991) Project Dates: 07/01/05 - 06/30/10 F & A: 7,447

Dedifferentiation Following Renal Cell Injury
Sponsor: Rhode Island Hospitals Budget Dates: 04/01/07 - 03/31/06 Direct: $ 35,397
Award: RIH 701-9697/7R01DK071997 (07020570) Project Dates: 09/01/06 - 03/31/10 F & A: 16,283

Mitochondrial Calpain Mediated Renal Cell Death
Sponsor: NIH/NIEHS Budget Dates: 08/01/07 - 07/31/09 Direct: $ 180,154
Award: 5 R01 ES012239-04 (07061439) Project Dates: 09/30/04 - 07/31/09 F & A: 82,871

COEE Endowment 2007
Sponsor: MUSC Fdn. Budget Dates: 07/01/07 - 06/30/09 Direct: $ 302,486
Award: (07072337) Project Dates: 07/01/13 - 06/30/10 F & A: 0

Novel Phospholipase A2 in Oxidant-Induced Cell Injury
Sponsor: NIH/NIDDK Budget Dates: 12/01/07 - 11/30/08 Direct: $ 262,664
Award: 5 R01 DK062028-05 (07012225) Project Dates: 03/15/12 - 11/30/10 F & A: 83,766

Dedifferentiation Following Renal Cell Injury
Sponsor: Rhode Island Hospitals Budget Dates: 04/01/08 - 03/31/09 Direct: $ 33,683
Award: RIH 701-9697/7R01DK071997 (08011682) Project Dates: 04/04/06 - 03/31/10 F & A: 15,494
Schnellmann, Rick  
Co-Investigator  
Neuroprotection of NR3A in Cultured Neurons and Ischemic Neonates  
PI: Shan Yu  
Sponsor: NIH/NINDS  
Total: $175,000  
Dept: Pharmaceutical and Biomedical Science  
Award: 1 R01 NS057255-01A1 (06101232-1)

Protection of Steatotic Livers from Primary Nonfunction  
PI: Kenneth Chavin  
Sponsor: NIH/NIDDK  
Total: $199,055  
Dept: Surgery  
Award: 5 R01 DK069369-02 (07060814-1)

Mentor  
Role of IPLA2gamma in Oxidant-Induced Cell Death and Renal Failure  
PI: Andre Eaddy  
Sponsor: NIH/NIEHS  
Total: $31,711  
Dept: Pharmaceutical and Biomedical Science  
Award: 1 F30 ES015964-01 (06120506-1)

Smith, Charles  
Principal Investigator  
Acytransferase Inhibitors as Anti Ras Agents  
Sponsor: NIH/NCI  
Budget Dates: 02/01/08 - 01/31/09  
Direct: $170,003  
Award: 5 R01 CA075248-13 (07121468)  
Dept: Pharmaceutical and Biomedical Science  
Project Dates: 09/10/08 - 01/31/10  
F & A: $65,336

Spingosine Kinase as a Target for Cancer Therapy  
Sponsor: NIH/NCI  
Budget Dates: 02/01/08 - 01/31/09  
Direct: $153,575  
Award: 5 R01 CA122226-02 (07121470)  
Dept: Pharmaceutical and Biomedical Science  
Project Dates: 04/01/08 - 01/31/12  
F & A: $68,345

Antitumor Antibiotics That Reverse Tumor Resistance  
Sponsor: Duquesne Univ.  
Budget Dates: 01/01/08 - 12/31/08  
Direct: $68,941  
Award: 250025/Amend. 3 (08071609)  
Dept: Pharmaceutical and Biomedical Science  
Project Dates: 02/01/06 - 11/30/10  
F & A: $31,713

Smith, Charles  
Principal Investigator  
Acytransferase Inhibitors as Anti Ras Agents  
Sponsor: NIH/NCI  
Budget Dates: 02/01/08 - 01/31/09  
Direct: $170,003  
Award: 5 R01 CA075248-13 (07121468)  
Dept: Pharmaceutical and Biomedical Science  
Project Dates: 09/10/08 - 01/31/10  
F & A: $65,336

Spingosine Kinase as a Target for Cancer Therapy  
Sponsor: NIH/NCI  
Budget Dates: 02/01/08 - 01/31/09  
Direct: $153,575  
Award: 5 R01 CA122226-02 (07121470)  
Dept: Pharmaceutical and Biomedical Science  
Project Dates: 04/01/08 - 01/31/12  
F & A: $68,345

Antitumor Antibiotics That Reverse Tumor Resistance  
Sponsor: Duquesne Univ.  
Budget Dates: 01/01/08 - 12/31/08  
Direct: $68,941  
Award: 250025/Amend. 3 (08071609)  
Dept: Pharmaceutical and Biomedical Science  
Project Dates: 02/01/06 - 11/30/10  
F & A: $31,713

Sweet, Douglas  
Principal Investigator  
Organic Anion Transporters 2 and 3 in Renal and Toxicity  
Sponsor: NIH/NIDDK  
Budget Dates: 12/01/07 - 03/31/08  
Direct: $196,530  
Award: 5 R01 DK067216-04 (07101226)  
Dept: Pharmaceutical and Biomedical Science  
Project Dates: 01/05/05 - 03/31/08  
F & A: $90,404

Wright, Gary  
Principal Investigator  
Role of Prolyl Hydroxylase Oxygen-Sensor in Cardioprotection  
Sponsor: NIH/NHLBI  
Budget Dates: 09/01/07 - 08/31/12  
Direct: $225,000  
Award: 1 R01 HL084302-01A2 (06102795)  
Dept: Pharmaceutical and Biomedical Science  
Project Dates: 09/01/07 - 08/31/12  
F & A: $103,500

Yu, Shan  
Principal Investigator  
Neuroprotection of NR3A in Cultured Neurons and Ischemic Neonates  
Sponsor: NIH/NINDS  
Budget Dates: 09/01/07 - 07/31/11  
Direct: $175,000  
Award: 1 R01 NS057255-01A1 (06101232)  
Dept: Pharmaceutical and Biomedical Science  
Project Dates: 09/01/07 - 07/31/11  
F & A: $80,500

Co-Investigator  
Calpain Activation of T Cells in Demyelinating Disease  
Sponsor: NIH/NINDS  
Budget Dates: 09/01/07 - 07/31/11  
Direct: $218,475  
Award: 5 R01 NS041088-08 (08010722-1)  
Dept: Neurosciences  
F & A: $218,475

Angiogenesis, Functional Recovery and TNF-a after Stroke  
Sponsor: NIH/NINDS  
Budget Dates: 09/01/07 - 07/31/11  
Direct: $175,414  
Award: 5 R01 NS045810-05 (08021561-1)  
Dept: Pathology and Laboratory Medicine  
F & A: $175,414
## Role of Proteinase in Spinal Cord Injury
**PI:** Naren Banik  
**Dept:** Neurosciences  
**Sponsor:** NIH/NINDS  
**Total:** $224,106  
**Award:** 5 R01 NS031622-14 (08041131-1)

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## Novel Strategy for Neurovascular Repair after Neonatal Ischemic Stroke
**PI:** Ling Wei  
**Dept:** Pathology and Laboratory Medicine  
**Sponsor:** Amer. Heart Assoc.  
**Total:** $90,909  
**Award:** 0840110N (07071077-1)

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## Transplantation of Reduced-Size Fatty Livers
**PI:** John Lemasters  
**Dept:** Biochemistry and Molecular Biology  
**Sponsor:** NIH/NIDDK  
**Budget Dates:** 06/01/08 - 05/31/09  
**Direct:** $175,567  
**Project Dates:** 06/01/06 - 05/31/11  
**F & A:** $80,761  
**Award:** 5 R01 DK037034-23 (07070552-1)

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## Liver Preservation for Transplantation
**PI:** John Lemasters  
**Dept:** Biochemistry and Molecular Biology  
**Sponsor:** NIH/NIDDK  
**Budget Dates:** 06/01/08 - 05/31/09  
**Direct:** $116,236  
**Project Dates:** 05/01/07 - 04/30/09  
**F & A:** $0  
**Award:** 2 R01 DK037034-23 (07070552-1)
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