Office of Research and Sponsored Programs

Summary of Grant and Contract Activity
July 2006 - June 2007

Federal
  Federal Direct  408  128,996,912
  Federal Flow-Down  165  13,657,914

Corporate  330  34,285,583
State of South Carolina  37  8,180,537
Foundation  98  7,522,587
Other Support  22  712,942

Total  1060 $193,356,475
Prepared by
Office of Research and Sponsored Programs
19 Hagood Avenue, Suite 606
Box 250808
Charleston, SC 29425
EXECUTIVE SUMMARY

The Office of Research and Sponsored Programs recorded that 456 faculty members generated 1,205 proposals for $253M and posted 1,060 awards for $193.4M. Table 1 below indicates the number of awards increased by 42 and the amount of awards rose 2.1%.

<table>
<thead>
<tr>
<th>Unit</th>
<th>Proposals</th>
<th>Awards</th>
<th>Award Amount $</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>FY06</td>
<td>FY07</td>
<td>+/- %</td>
</tr>
<tr>
<td>Administration</td>
<td>9</td>
<td>13</td>
<td>4 44%</td>
</tr>
<tr>
<td>Dental Medicine</td>
<td>14</td>
<td>20</td>
<td>6 43%</td>
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<tr>
<td>Graduate Studies</td>
<td>0</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td>Health Professions</td>
<td>43</td>
<td>31</td>
<td>-12 -28%</td>
</tr>
<tr>
<td>Medicine</td>
<td>1058</td>
<td>1068</td>
<td>10 1%</td>
</tr>
<tr>
<td>Nursing</td>
<td>15</td>
<td>24</td>
<td>9 60%</td>
</tr>
<tr>
<td>Pharmacy</td>
<td>44</td>
<td>42</td>
<td>-2 -5%</td>
</tr>
<tr>
<td></td>
<td>1183</td>
<td>1205</td>
<td>22 2%</td>
</tr>
</tbody>
</table>

Table 1

The institutional wide growth is considered marginal. However, the report contains encouraging news; both federal and corporate sources of support had benchmark years. Federal and federal flow-down grants and contracts (408 and 165 awards respectively) tallied to 573 totaling $142.6 million for a 4.6% increase. These funds account for 73.7% of all extramural support.

One important factor of federal awards is the consistent reimbursement of facilities and administrative cost (indirect cost). This year the opportunity exists for MUSC to experience a $3.8M (11%) growth in the recovery of facilities and administrative costs.

Federal Funding

The news gets better. The major source of MUSC’s direct federal support is NIH. The faculty and trainees garnered 295 awards for $93.4M, for an 11.1% increase. NIH support constitutes 48.2% of MUSC’s research portfolio. Now, three years beyond the NIH double budgeting era, MUSC’s competitiveness for

Figure 1

NIH and Total Extramural Funding

$ Amount (in millions)

<table>
<thead>
<tr>
<th>FY98</th>
<th>FY99</th>
<th>FY00</th>
<th>FY01</th>
<th>FY02</th>
<th>FY03</th>
<th>FY04</th>
<th>FY05</th>
<th>FY06</th>
<th>FY07</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
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</tbody>
</table>

NIH
TOTAL

$0  $50  $100  $150  $200
NIH has improved. The FY07 tally not only brings an end to a two-year NIH decline, but the $93.4M surpasses the previous record of $90.3M set in FY04.

The increase in NIH is mainly from investigator initiated research projects (R01’s) and MERIT awards (R37’s). R01’s increased from 134 to 146 and R37’s increased from 1 to 7 adding over $8 million in research funding. The MERIT (Method to Extend Research in Time) award recognizes researchers who have demonstrated superior competence and outstanding productivity in research endeavors. MERIT Awards provide long-term support to investigators with impressive records of scientific achievement in research areas of special importance or promise.

Table 2

<table>
<thead>
<tr>
<th>NIH Award Types</th>
<th>Number</th>
<th>+/- from FY06</th>
<th>Amount</th>
<th>Net Change from FY06</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research Projects (R)</td>
<td>183</td>
<td>13</td>
<td>$51,827,988</td>
<td>$8,171,765</td>
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<tr>
<td>Research Related (S)</td>
<td>0</td>
<td>-2</td>
<td>0</td>
<td>-640,004</td>
</tr>
<tr>
<td>Career Development (K)</td>
<td>33</td>
<td>4</td>
<td>4,670,093</td>
<td>763,314</td>
</tr>
<tr>
<td>Program Projects/Centers (P)</td>
<td>21</td>
<td>4</td>
<td>20,734,771</td>
<td>-1,640,788</td>
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<tr>
<td>Training (T, D)</td>
<td>21</td>
<td>3</td>
<td>4,595,479</td>
<td>652,624</td>
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<tr>
<td>Fellowships (F)</td>
<td>21</td>
<td>6</td>
<td>743,487</td>
<td>233,772</td>
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<tr>
<td>Cooperative Agreements (U)</td>
<td>12</td>
<td>2</td>
<td>5,881,860</td>
<td>374,763</td>
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<tr>
<td>Construction/Instrumentation (C, G)</td>
<td>0</td>
<td>-1</td>
<td>0</td>
<td>-529,000</td>
</tr>
<tr>
<td>Contracts/Other</td>
<td>4</td>
<td>-3</td>
<td>4,989,554</td>
<td>1,922,897</td>
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<tr>
<td></td>
<td>295</td>
<td>26</td>
<td>$93,443,232</td>
<td>$9,309,343</td>
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</table>

Funding from many institutes remained relatively flat. Outlined in Table 3 are the NIH Institutes from which MUSC made the greatest gains.

Table 3

<table>
<thead>
<tr>
<th>Agency</th>
<th>FY2006</th>
<th>FY2007</th>
<th>%</th>
<th>Amount (in Millions)</th>
<th>FY2006</th>
<th>FY2007</th>
<th>%</th>
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<tbody>
<tr>
<td>NIA</td>
<td>9</td>
<td>15</td>
<td>66.6%</td>
<td>$3.5</td>
<td>$4.3</td>
<td>22.8%</td>
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<tr>
<td>NIAAA</td>
<td>17</td>
<td>23</td>
<td>35.3%</td>
<td>$5.4</td>
<td>$6.2</td>
<td>14.8%</td>
<td></td>
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<tr>
<td>NIDA</td>
<td>30</td>
<td>39</td>
<td>30%</td>
<td>$9.5</td>
<td>$12.6</td>
<td>32.6%</td>
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<tr>
<td>NIDDK</td>
<td>20</td>
<td>24</td>
<td>20%</td>
<td>$3.4</td>
<td>$5.6</td>
<td>64.7%</td>
<td></td>
</tr>
<tr>
<td>NIMH</td>
<td>15</td>
<td>23</td>
<td>53.3%</td>
<td>$4.2</td>
<td>$5.7</td>
<td>35.7%</td>
<td></td>
</tr>
<tr>
<td>NINDS</td>
<td>18</td>
<td>27</td>
<td>50%</td>
<td>$5.0</td>
<td>$8.8</td>
<td>76%</td>
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</tbody>
</table>

Faculty submitted a total of 306 competitive applications to NIH (184 new, 36 renewals, and 86 resubmissions) and MUSC received 66 competitive awards (47 new, 19 renewals) for a batting average of .215. Noncompeting continuations represent 66% of the NIH awards; competing renewals and new applications constitute 22% and transfers account for 5.7% of the number of awards. Supplements comprise the final 6.3%. Keep in mind that MUSC ranks 6th among public and private stand alone academic health centers.
Table 4

**NIH AWARD FUNDING**
**FREE STANDING ACADEMIC HEALTH CENTERS* PUBLIC/PRIVATE**

**Information in table is taken from the Office of Extramural Research of the National Institutes of Health U.S. Department of Health and Human Services**

*Provided by the Association of Academic Health Centers

<table>
<thead>
<tr>
<th>Institution</th>
<th>2006 NIH Total Award $</th>
<th>Institution</th>
<th>2006 NIH Total Award $</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baylor College of Medicine</td>
<td>$221,826,759</td>
<td>Meharry Medical College</td>
<td>$25,343,213</td>
</tr>
<tr>
<td>Oregon Health &amp; Science Ctr</td>
<td>$177,272,140</td>
<td>NY Medical College</td>
<td>$21,410,832</td>
</tr>
<tr>
<td>Mt Sinai School of Medicine</td>
<td>$168,784,631</td>
<td>Texas A&amp;M Univ System of HSC</td>
<td>$20,054,330</td>
</tr>
<tr>
<td>Mayo Clinic</td>
<td>$164,533,748</td>
<td>Charles Drew Univ of Medicine &amp; Science</td>
<td>$17,983,283</td>
</tr>
<tr>
<td>Univ of Med/Dentistry of NJ</td>
<td>$107,287,984</td>
<td>Rosalind Franklin Univ of Medical Science</td>
<td>$7,021,169</td>
</tr>
<tr>
<td>MUSC</td>
<td>$85,981,425</td>
<td>Eastern Virginia Medical School</td>
<td>$3,847,067</td>
</tr>
<tr>
<td>Medical College of Wisconsin</td>
<td>$84,496,006</td>
<td>Midwestern University</td>
<td>$609,309</td>
</tr>
<tr>
<td>Thomas Jefferson Univ</td>
<td>$70,130,557</td>
<td>Western University of Health Sciences</td>
<td>$555,886</td>
</tr>
<tr>
<td>Medical College of Georgia</td>
<td>$40,416,341</td>
<td>Philadelphia College of Osteopathic Medicine</td>
<td>$468,873</td>
</tr>
<tr>
<td>Rush University Medical Center</td>
<td>$34,885,594</td>
<td>Nova Southeastern University</td>
<td>$286,100</td>
</tr>
<tr>
<td>Morehouse School of Medicine</td>
<td>$28,184,832</td>
<td>University of New England</td>
<td>$78,872</td>
</tr>
</tbody>
</table>

**Total awards are based on the federal fiscal year and will be different from MUSC’s fiscal year totals.**

*Members of the Association of Academic Health Centers must be accredited, degree-granting institutions of higher education that educate a wide variety of health care professionals, offer comprehensive basic and advanced patient care, and conduct a broad spectrum of biomedical and health services research. They must include: an allopathic or osteopathic school of medicine; at least one other health professions school or program (such as allied health, dentistry, graduate studies, nursing, pharmacy, public health, and veterinary medicine); and, as a major component of the nation’s health care delivery system, one or more owned or affiliated teaching hospitals, health systems or other organized health care services.

The National Institute of Standards and Technology is the second largest federal supporter of MUSC research with 3 awards totaling $15.2M. The majority of the NIST funds are for construction.

Figure 2

FY 2007 Direct Federal Funding
Corporate Funding

The 330 corporate awards set a new record of $34.3M, which surpasses the $26.2M set in FY00. This is a 41% increase over last year. Three departments account for 73% of corporate agreements. The Department of Medicine improved from $11.5M to $15.8M (37.4%). Neurosciences grew from $2.0M to $4.2M (107.5%), and Psychiatry and Behavioral Sciences added another $775K to their FY06 total for $4.9M (18.9%).

The leading corporate sponsors are Genentech ($2.39M), Peregrine Pharmaceuticals ($1.32M), PPD Development ($1.25M), Quintiles ($2.0M) and Intermune ($1.25M). Peregrine Pharmaceuticals has the largest single award for $1.32 million to support research on glioblastoma multiforme (GBM), the most common and aggressive type of primary brain tumor. Genentech supports clinical trials and clinical research for immunological diseases, i.e., rheumatoid arthritis, system lupus erythematosus, lupus nephritis and renal cancer. Quintiles is a contract research organization and provides support to MUSC across the board. This year’s funds are targeted to rheumatoid arthritis, Parkinson’s Disease, heart disease and urology. PPD Development and Intermune focus largely on diseases and therapies related to the breakdown of immune systems.

MUSC-based research contributed, via the MUSC Foundation for Research Development, to fifty patent disclosures, 21 patent filings and 2 start-up companies. In addition, 1 exclusive and 1 non-exclusive licenses were signed, and 3 licensing options are open to negotiation. MUSC technologies and discoveries have stimulated business and economic development opportunities that generate additional research revenues. Some start-up companies spawned from MUSC technologies are Argolyn Biosciences, First String Research, Inc., Immunomod, Inc., and MST Group, Inc.
State Funds

South Carolina Research Centers of Economic Excellence (SCRCOEE) grants have been an area of focus for the past two years. MUSC has been approved for $41M, and must provide a 1:1 cost match before drawing down awarded state funds. In FY06, $20.6M was drawn down, and $3.1M was drawn down in FY07. If the SCRCOEE grants are treated as separate entities, state funding rose from $2.8M to $5.0M showing an increase of 79.1%. The basis of this growth is a grant from the Department of Transportation for construction of a new parking facility on the corner of Cannon and Courtenay Streets.

Foundation Funding

Sixty-nine agencies made 99 awards for $7.52M. The number of sponsoring agencies increased from 53 to 69, with the American Heart Association provided the largest number of grants (10). The Duke Endowment-backed Health Sciences South Carolina and the Annie E. Casey Foundation provide the greatest support in this category with awards totaling $896K and $525K respectively.

Funding by Source and Agency

**Corporate**

<table>
<thead>
<tr>
<th>Agency</th>
<th># Awards</th>
<th>Direct Costs</th>
<th>Indirect Costs</th>
<th>Total Award</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARYx Therapeutics, Inc.</td>
<td>2</td>
<td>$94,328</td>
<td>$22,832</td>
<td>$117,160</td>
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<tr>
<td>Abbott Labs</td>
<td>2</td>
<td>547,888</td>
<td>136,222</td>
<td>684,110</td>
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<tr>
<td>Access Medical Group</td>
<td>1</td>
<td>7,600</td>
<td>1,275</td>
<td>8,875</td>
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<tr>
<td>Actelion Pharmaceuticals</td>
<td>5</td>
<td>165,352</td>
<td>31,850</td>
<td>197,202</td>
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<tr>
<td>Advanced Biologics</td>
<td>1</td>
<td>46,800</td>
<td>11,700</td>
<td>58,500</td>
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<tr>
<td>Advanced Bionics</td>
<td>1</td>
<td>10,750</td>
<td>2,687</td>
<td>13,437</td>
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<tr>
<td>Advanced Cardiovascular Systems</td>
<td>1</td>
<td>99,700</td>
<td>24,300</td>
<td>124,000</td>
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<tr>
<td>Advanced Medical Optics, Inc.</td>
<td>1</td>
<td>74,600</td>
<td>17,900</td>
<td>92,500</td>
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<tr>
<td>Aeris Therapeutics, Inc.</td>
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<td>65,763</td>
<td>16,441</td>
<td>82,204</td>
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<td>Aga Medical Corp.</td>
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<td>39,770</td>
<td>9,317</td>
<td>49,087</td>
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<td>Alcon, Inc.</td>
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<td>229,830</td>
<td>63,211</td>
<td>293,041</td>
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<td>211,990</td>
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<td>262,863</td>
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<td>Amgen</td>
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<td>418,522</td>
<td>95,027</td>
<td>513,549</td>
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<td>Antisoma</td>
<td>2</td>
<td>114,272</td>
<td>26,068</td>
<td>140,340</td>
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<td>Archus Orthopedics, Inc.</td>
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<td>103,740</td>
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<td>66,159</td>
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<td>66,159</td>
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<td>Astellas Pharma US, Inc.</td>
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<td>378,780</td>
<td>93,320</td>
<td>472,100</td>
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<td>AstraZeneca</td>
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<td>288,666</td>
<td>69,918</td>
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<td>Barrier Therapeutics, Inc.</td>
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<td>33,723</td>
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<td>Bausch and Lomb</td>
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<td>14,000</td>
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<td>Bayer Pharmaceuticals</td>
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<td>40,000</td>
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<td>27,745</td>
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<td>136,986</td>
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<td>Biomet, Inc.</td>
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<td>36,529</td>
<td>16,804</td>
<td>53,333</td>
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<td>Biosense Webster, Inc.</td>
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<td>90,289</td>
<td>22,572</td>
<td>112,861</td>
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<td>Boehringer Ingelheim Pharmaceuticals</td>
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<td>131,790</td>
<td>32,073</td>
<td>163,863</td>
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<td>Boston Scientific Corp.</td>
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<td>90,596</td>
<td>14,029</td>
<td>104,625</td>
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<td>Bracco Diagnostics, Inc.</td>
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<td>344,975</td>
<td>84,244</td>
<td>429,219</td>
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## Corporate

<table>
<thead>
<tr>
<th>Agency</th>
<th># Awards</th>
<th>Direct Costs</th>
<th>Indirect Costs</th>
<th>Total Award</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bristol Myers Squibb</td>
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<td>891,103</td>
<td>220,025</td>
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<td>CR Bard, Inc./USCI</td>
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<td>18,100</td>
<td>3,900</td>
<td>22,000</td>
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<td>6,164</td>
<td>2,836</td>
<td>9,000</td>
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<td>Cameron Health, Inc.</td>
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<td>1,200</td>
<td>300</td>
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<tr>
<td>Cara Therapeutics, Inc.</td>
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<td>10,000</td>
<td>4,600</td>
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<tr>
<td>Cardiovascular Clinical Studies</td>
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<td>16,575</td>
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<td>200</td>
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<td>Celsion Corp.</td>
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<td>5,000</td>
<td>2,300</td>
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<td>Centocor, Inc.</td>
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<td>15,952</td>
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<td>Cephalon, Inc.</td>
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<td>Cepheid</td>
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<td>49,200</td>
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<td>Cepheid Corp.</td>
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<td>20,000</td>
<td>5,000</td>
<td>25,000</td>
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<td>Cleveland Clinic Fdn.</td>
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<td>Clinical Professionals, Inc.</td>
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<td>CoTherix, Inc.</td>
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<td>100,500</td>
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<td>Cordis A Johnson and Johnson Co.</td>
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<td>60,100</td>
<td>14,400</td>
<td>74,500</td>
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<td>Covance, Inc.</td>
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<td>132,500</td>
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<td>Cyberonics, Inc.</td>
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<td>Debiovision, Inc.</td>
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Total for Corporate (158 Agencies)

| # Awards | $27,878,646 | $6,406,937 | $34,285,583 |

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Total for Federal (48 Agencies)  

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### Federal Flow-Down

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**Total for Federal Flow-Down (90 Agencies)**

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### Foundation

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# Table: Foundation Awards

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## Foundation

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Total for Foundation (69 Agencies) 99  $7,223,959  $300,828  $7,524,787

## Other Support

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Total for Other Support (18 Agencies) 22  $636,006  $76,936  $712,942

## State of South Carolina

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### State of South Carolina

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**Total for State of South Carolina (15 Agencies)**

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</table>

**GRAND TOTALS:**

|               |       | $156,160,223 | $37,196,252    | $193,356,475 |
College and Department Summaries

Administration

The Administration increased in the number of awards from 17 to 25, and had an 89% increase in funding. There was a shift to greater support from state sources. Several DHEC grants addressed pandemic influenza and bioterrorism-related hospital preparedness, but the primary source of this growth is the South Carolina Department of Transportation award for construction of a parking garage.

College of Dental Medicine

The number of awards increased from 6 to 11, but the amount of funding declined 17.4%, from $3.4M to $2.8M. The College attracted additional training and fellowship grants, but a major cooperative agreement ($1.5M) expired. The renewal of the SC COBRE for Oral Health is a significant achievement in view of the resignation and transfer of the Associate Dean of Research. The College remains primarily supported from federal sources.

College of Health Professions

The College of Health Professions awards declined from 34 to 17, and the level of support decreased accordingly, by 40%. The College lost significant grants from the Department of Education, HRSA, and NIH, including a Geriatric Education Center grant. A number of SC Spinal Cord Injury research grants terminated, and corporate support took a severe hit.

College of Medicine

The number of awards increased from 927 to 955 (3%) and represents $172.8m (a 2.2% increase). There was a major shift in state support. Last year, SCRCOE Endowed Professorships accounted for approximately $16.5M. This year only $3.1M of SCRCOE is reported. Not only did the College overcome the $16.5M decline in SCRCOE, but it achieved a record-setting $10M increase in NIH
awards, to $93.4M. Call it a one-two punch, as there is a $10M increase in corporate support as well.

Since 1994, the College of Medicine has risen from 89th place in NIH rankings to a peak of 44th. In February 2004, MUSC was cited by Chronicle of Higher Education as the ninth fastest growing institution in NIH rankings. Among the thirty state and private stand-alone medical centers, MUSC current ranks sixth using FY 05 data. It is great to be back in the chase for the top 25-30% in the NIH rankings.

College of Nursing

The College of Nursing is regarded as stable. The number of grants increased from 14 to 17, and the amount of extramural support remained unchanged at $2.5M. The federal grants which terminated were successfully replaced.

College of Pharmacy

The number of awards increased from 19 to 29. Great progress was made in doubling the number of federal and federal flow-down awards from 10 to 20. Unfortunately, the amount of funding decreased by 25% to $1.6M. This number is deceiving; if the $4.5M SCRCOE Drug Discovery Endowed Professorship of FY06 was excluded as an aberration, the report would show a gain of 137%.

Summary of Awards by College and Department

Administration

<table>
<thead>
<tr>
<th>Department</th>
<th># PI's</th>
<th># Awards</th>
<th>Direct Costs</th>
<th>Total Award</th>
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</thead>
<tbody>
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<td>10,000</td>
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College of Dental Medicine

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<td>255,529</td>
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<td><strong>11</strong></td>
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<td><strong>$2,808,254</strong></td>
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### College of Graduate Studies

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**Total For College of Graduate Studies**

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### College of Health Professions

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**Total For College of Health Professions**

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### College of Medicine

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<tr>
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**Total For College of Medicine**

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### College of Nursing

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**Total For College of Nursing**

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### College of Pharmacy

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<td>Pharmacy and Clinical Sciences</td>
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**Total For College of Pharmacy**

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**GRAND TOTALS:**

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<th># PI's</th>
<th># Awards</th>
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## Proposal Award Comparison

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Faculty Activity
### Assoc. Provost for Research

**Brady, Kathleen**  
**Principal Investigator**  
**Planning Grant for CTSA at MUSC**  
Sponsor: NIH/NCRR  
Award: 1 P20 RR023498-01 (06100611)  
Budget Dates: 09/20/06 - 09/19/08  
F & A: 69,000

### Library Science and Informatics

**Hoffius, Susan**  
**Principal Investigator**  
**Preserving and Accessing Medical History Collections**  
Sponsor: Natl Historical Publ. and Records Comm.  
Award: NAR06GRANT-042 (05092765)  
Budget Dates: 07/01/06 - 12/31/07  
F & A: 0

**May, Janice**  
**Principal Investigator**  
**Low Country Pow Wow and Cultural Event**  
Sponsor: Univ. of Maryland  
Award: N01-LM-6-3502 (07010504)  
Budget Dates: 01/01/07 - 06/30/07  
F & A: 0

**Rivers, David**  
**Principal Investigator**  
**National Environmental Policy Commission and Community Leaders Institute**  
Sponsor: Tennessee State Univ.  
Award: DE-FG02-94ERW11428 (04032605)  
Budget Dates: 11/01/03 - 12/31/07  
F & A: 12,793

**SCSU Environmental Policy Institute Sub-Agreement**  
Sponsor: SC State Univ.  
Award: 06-441850-UTC-MUSC-SC (06060852)  
Budget Dates: 09/30/06 - 09/29/07  
F & A: 0

**SCSU Environmental Policy Institute Sub-Agreement - Earmark II**  
Sponsor: SC State Univ.  
Award: 06-441850-UTC-MUSC-SC (06061573)  
Budget Dates: 09/30/05 - 09/29/09  
F & A: 0

**Community Leaders Workshop**  
Sponsor: SCUREF  
Award: WEST094/KK05307-O (06082837)  
Budget Dates: 07/28/03 - 09/30/07  
F & A: 29,073

**Pre-Planning for Community Leaders Institute 2**  
Sponsor: Savannah State  
Award: DEFG09-02SR22248 (06111339)  
Budget Dates: 10/01/06 - 09/30/07  
F & A: 11,349

**National Conference on Health Disparities**  
Sponsor: SC State Univ.  
Award: 06-581030-EXPORT/PHI-MUSC (07012499)  
Budget Dates: 03/26/07 - 07/21/07  
F & A: 15,476

**Corp. Support - National Conference on Health Disparities**  
Sponsor: Multiple Sponsors  
Award: Conference (07012513)  
Budget Dates: 02/01/07 - 09/30/07  
F & A: 0

**Co-PI/Project Leader**  
**EXPORT Center on Metabolic Syndrome and Minority Health - Outreach Core**  
Pl: Sabra Slaughter  
Sponsor: NIH/NCMHD  
Total: $93,214

**Schachte, Margaret**  
**Principal Investigator**  
**National Heart, Lung and Blood Institute Proteomics Administrative Center**  
Sponsor: NIH/NHLBI  
Award: N01 HV 28181 (03042202)  
Budget Dates: 09/30/06 - 09/29/07  
F & A: 164,268

**Sullivan, Joann**  
**Principal Investigator**  
**Space Grant Management Award (Amendment 1 for Year 14)**  
Sponsor: Coll. of Charleston  
Award: NNG05G188G (04112205)  
Budget Dates: 03/01/06 - 02/28/07  
F & A: 0
**Physical Plant**

Malmrose, John  

**FY 2007 Collegiate Recycling Grant**  
Sponsor: SC DHEC  
Award: 10.1CG07 (0600242)  
Project Dates: 08/15/06 - 06/30/07  
Direct: $10,000  
F & A: 0

Von Kolnitz, Christine  

Co-PI/Project Leader  

**FY 2007 Collegiate Recycling Grant**  
P: John Malmrose  
Dept: Physical Plant  
Award: 10.1CG07 (0600242-1)

**President's Office**

Coleman, III, Walker  

**Program Administration Core**  
Sponsor: SC Spinal Cord Injury Fund  
Award: 02090301  
Project Dates: 07/01/06 - 06/30/07  
Direct: $37,097  
F & A: 0

Slaughter, Sabra  

**EXPORT Center on Metabolic Syndrome and Minority Health**  
Sponsor: NIH/NCMHD  
Award: 5 P60 MD000267-05 (03080109)  
Project Dates: 09/30/02 - 08/31/08  
Direct: $242,019  
F & A: 242,019

**SC AHEC**

Garr, David  

**Model State Supported AHEC**  
Sponsor: HRSA/BHP/Medicine  
Award: 5 U77 HP03019-13-00 (04061502)  
Project Dates: 09/30/94 - 08/31/07  
Direct: $5,075

**State Loan Repayment Program**  
Sponsor: HRSA  
Award: 5 H56 HP00117-06-00 (05050269)  
Project Dates: 08/04/06 - 08/31/08  
Direct: $207,864  
F & A: 0

**Building Coalitions to Increase the Diversity of the South Carolina Health Care Workforce**  
P: Duke Endowment  
Award: 5782-SP (06021760)  
Project Dates: 09/30/97 - 08/31/08  
Direct: $350,155  
F & A: 0

**Bioterrorism Training and Curriculum Development Program (BTCDP)**  
Sponsor: HRSA  
Award: 3 T01 HP01418-04-01 (06080442)  
Project Dates: 08/04/06 - 08/31/07  
Direct: $33,307

**Bioterrorism Training and Curriculum Development Program (BTCDP)**  
Sponsor: HRSA  
Award: 5 T01 HP01418-04-00 (06080956)  
Project Dates: 08/04/06 - 08/31/07  
Direct: $32,431

**Bioterrorism Hospital Preparedness Program**  
Sponsor: SC DHEC  
Award: ER-07-002/Amend. 3 (07040347)  
Project Dates: 08/04/06 - 08/31/07  
Direct: $2,962  
F & A: 560

**DHEC Pandemic Influenza**  
Sponsor: SC DHEC  
Award: ER-07-002/Amend. 3 (07040347)  
Project Dates: 08/04/06 - 08/31/07  
Direct: $6,440  
F & A: 560

Kennedy, D.  

Co-PI/Project Leader  

**DHEC Pandemic Influenza**  
P: David Garr  
Dept: SC AHEC  
Award: ER-07-002/Amend. 3 (07040347-1)  
Total: $6,440
# VP for Finance and Administration

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### Microbiology and Immunology

**Balish, Edward**  
*Co-PI/Project Leader*  
**SC COBRE in Lipidomics and Pathobiology:** Core C - Animal Pathobiology Core  
**PI:** Lina Obeid  
**Dept:** Biochemistry and Molecular Biology  
**Sponsor:** NIH/NCRR  
**Total:** $93,976  
**Award:** 5 P20 RR017677-05 (05062082-18)

**London, Steven**  
*Principal Investigator*  
**SC COBRE for Oral Health**  
**Sponsor:** NIH/NICRR  
**Budget Dates:** 07/01/06 - 06/30/07  
**Direct:** $1,115,256  
**Project Dates:** 09/30/02 - 06/30/07  
**F & A:** $513,018

**MUSC Dental Research Training Grant**  
**Sponsor:** NIH/NICRR  
**Budget Dates:** 07/01/06 - 06/30/07  
**Direct:** $278,483  
**Project Dates:** 07/01/06 - 06/30/11  
**F & A:** $17,918

**Oral Immunobiology of MCMV-Infected Mouse Salivary Glands**  
**Sponsor:** NIH/NICRR  
**Budget Dates:** 07/01/06 - 04/30/07  
**Direct:** $218,250  
**Project Dates:** 07/01/06 - 04/30/11  
**F & A:** $100,395

**Oral Immunobiology of MCMV-Infected Mouse Salivary Glands**  
**Sponsor:** NIH/NICRR  
**Budget Dates:** 05/01/07 - 04/30/08  
**Direct:** $211,921  
**Project Dates:** 07/01/06 - 04/30/11  
**F & A:** $97,484

**Co-Investigator**  
**Diabetes and Periodontal Gene Expression**  
**PI:** Yan Huang  
**Dept:** Medicine  
**Sponsor:** NIH/NICRR  
**Total:** $203,808  
**Award:** 5 R01 DE016353-03 (07041066-1)

### Pediatric Dentistry and Orthodontics

**Salinas, Carlos**  
*Co-PI/Project Leader*  
**SC COBRE for Oral Health-Core B - Biostatistics**  
**PI:** Steven London  
**Dept:** Microbiology and Immunology  
**Sponsor:** NIH/NICRR  
**Total:** $237,790  
**Award:** 5 P20 RR017696-05 (05050588-12)

**Co-Investigator**  
**SC COBRE for Oral Health-Core C - Clinical**  
**PI:** Steven London  
**Dept:** Microbiology and Immunology  
**Sponsor:** NIH/NICRR  
**Total:** $318,672  
**Award:** 5 P20 RR017696-05 (05050588-13)

### Stomatology

**Boackle, Robert**  
*Principal Investigator*  
**Complement-Fixing Bi-Specific Antibodies Against HIV-1**  
**Sponsor:** NIH/NIAID  
**Budget Dates:** 03/01/07 - 02/29/08  
**Direct:** $121,375  
**Project Dates:** 03/15/06 - 02/29/08  
**F & A:** $55,833

**Embree, Mildred**  
*Principal Investigator*  
**Individual Predoctoral Dental Scientist Fellowship**  
**Sponsor:** NIH/NICRR  
**Budget Dates:** 09/01/06 - 10/31/07  
**Direct:** $40,279  
**Project Dates:** 09/01/06 - 05/31/10  
**F & A:** $0

**Reed, Susan**  
*Co-Investigator*  
**MUSC Dental Research Training Grant**  
**PI:** Steven London  
**Dept:** Microbiology and Immunology  
**Sponsor:** NIH/NICRR  
**Total:** $254,711  
**Award:** 1 T32 DE017551-01 (05091528-1)

**Sanders, John**  
*Co-Investigator*  
**Diabetes and Periodontal Gene Expression**  
**PI:** Yan Huang  
**Dept:** Medicine  
**Sponsor:** NIH/NICRR  
**Total:** $203,808  
**Award:** 5 R01 DE016353-03 (07041066-1)
Westwater, Caroline

**Principal Investigator**

**Identifying Targets for Diagnosing Oral Candidiasis**

- Sponsor: Guild Associates, Inc.
- Award: 1 R43 DE017033-01 (05011894)
- Budget Dates: 09/22/05 - 02/28/07
- Direct: $5,573
- F & A: $2,333

**Bioluminescent Detection of Chemical Agent Contamination**

- Sponsor: Guild Associates, Inc.
- Award: W31P4Q-06-C-0474 (06071271)
- Budget Dates: 01/02/07 - 09/20/08
- Direct: $17,124
- F & A: $7,877

**Phage-Mediated Detection of Bacillus Anthracis on Deliberately Contaminated Fresh Foods**

- Sponsor: Guild Associates, Inc.
- Award: 2007-33610-18000 (06082313)
- Budget Dates: 06/04/07 - 01/31/08
- Direct: $3,517
- F & A: $1,618

**Co-PI/Project Leader**

- SC COBRE for Oral Health - Project 10
  - PI: Steven London
  - Sponsor: NIH/NCRR
  - Dept: Microbiology and Immunology
  - Award: 5 P20 RR017696-05 (05050588-17)
  - Total: $10,006

**Co-Investigator**

- SC COBRE for Oral Health - Project 11
  - PI: Steven London
  - Sponsor: NIH/NCRR
  - Dept: Microbiology and Immunology
  - Award: 5 P20 RR017696-05 (05050588-18)
  - Total: $81,290
**Graduate Studies**

Wright, Cynthia  
**Principal Investigator**  
**Medical University of South Carolina MBRS IMSD Program**

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**Clinical Services**

**Askins, David**  
Co-Investigator  
**EMSC Targeted Issue Grants**  
PI: Paul Jacques  
Sponsor: HRSA  
Total: $155,291  
Dept: Clinical Services  
Award: 5 H34 MC04369-03 (06110623-1)

**Bushardt, Reamer**  
Co-Investigator  
**EMSC Targeted Issue Grants**  
PI: Paul Jacques  
Sponsor: HRSA  
Total: $155,291  
Dept: Clinical Services  
Award: 5 H34 MC04369-03 (06110623-1)

**Chipas, Anthony**  
Principal Investigator  
**Nurse Anesthetist Traineeship Program**  
Sponsor: HRSA  
Budget Dates: 07/01/06 - 06/30/07  
Direct: $17,781  
Dept: Clinical Services  
Award: 2 A22 HP00023-07-00 (05120699)

**Jacques, Paul**  
Principal Investigator  
**EMSC Targeted Issue Grants**  
Sponsor: HRSA  
Budget Dates: 03/01/07 - 02/29/08  
Direct: $155,291  
Dept: Clinical Services  
Award: 5 H34 MC04369-03 (06110623)

**Taylor, Lloyd**  
Principal Investigator  
**Cognitive Changes among Pediatric Brain Tumor Patients**  
Sponsor: NIH/NINDS  
Budget Dates: 07/01/06 - 07/31/06  
Direct: $6,869  
Dept: Clinical Services  
Award: 5 F32 NS046944-03 (05051925)

**Health Administration and Policy**

**Bradford, W.**  
Principal Investigator  
Sponsor: Bayer Corp.  
Budget Dates: 06/01/07 - 05/31/08  
Direct: $56,000  
Dept: Medicine  
Award: Mirena (07032299)

Co-PI/Project Leader  
**Computer-Aided Cancer Management - State Use-Master Settlement Agreement**  
PI: Gerard Silvestri  
Sponsor: DOD  
Total: $39,416  
Dept: Medicine  
Award: W81XWH-05-1-0378 (04070126-14)

**Dismuke, Clara**  
Principal Investigator  
**Household Composition, Care Giving Intensity and Labor Market Participation of Individuals with Spinal Cord Injury**  
Sponsor: SC Spinal Cord Injury Fund  
Budget Dates: 07/01/06 - 06/30/07  
Direct: $39,290  
Dept: Medicine  
Award: SCIRF 0606 (06031460)

**Jones, Walter**  
Co-Investigator  
**Computer-Aided Cancer Management - State Use-Master Settlement Agreement**  
PI: Gerard Silvestri  
Sponsor: DOD  
Total: $39,416  
Dept: Medicine  
Award: W81XWH-05-1-0378 (04070126-14)

**Lambourne, Carol**  
Co-Investigator  
**Cost Effectiveness of TMS in Depression**  
PI: Kit Simpson  
Sponsor: Neuronetics  
Total: $42,720  
Dept: Health Administration and Policy  
Award: (06120199-1)
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<td>Lindrooth, Richard</td>
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<td>Aspen Medical Group, AMG</td>
<td>08/01/06 - 06/30/08</td>
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30 Annual Report for Research FY2007
Saladin, Michael

**Co-Investigator**

**ORWH: SCOR on Sex and Gender Factors Affecting Women's Health - Project #2**

- **Pl:** Kathleen Brady
- **Dept:** Psychiatry and Behavioral Sciences
- **Sponsor:** NIH/NIDA
- **Award:** 5 P50 DA016511-05 (05042864-10)
- **Total:** $152,463

**ORWH: SCOR on Sex and Gender Factors Affecting Women's Health - Project #3**

- **Pl:** Kathleen Brady
- **Dept:** Psychiatry and Behavioral Sciences
- **Sponsor:** NIH/NIDA
- **Award:** 5 P50 DA016511-05 (05042864-11)
- **Total:** $134,489

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

- **Pl:** Ronald See
- **Dept:** Neurosciences
- **Sponsor:** NIH/NIDA
- **Award:** 1 P20 DA022658-01 (06031455-5)
- **Total:** $126,051

Yuen, Hon

**Principal Investigator**

**A Multi-Faceted Intervention to Improve Oral Health in Adults with Systemic Sclerosis**

- **Pl:** Ronald See
- **Dept:** Microbiology and Immunology
- **Sponsor:** Scleroderma Fdn.
- **Budget Dates:** 01/31/07 - 12/31/07
- **Direct:** $62,831
- **Award:** 003/07 (06092765)
- **Project Dates:** 01/31/07 - 12/31/08
- **F & A:** $5,026

**Co-PI/Project Leader**

**SC COBRE for Oral Health - Project 1**

- **Pl:** Steven London
- **Dept:** Microbiology and Immunology
- **Sponsor:** NIH/NCRR
- **Award:** 5 P20 RR017696-05 (05050588-14)
- **Total:** $51,086

**Co-Investigator**

**SC COBRE for Oral Health - Project 3**

- **Pl:** Steven London
- **Dept:** Microbiology and Immunology
- **Sponsor:** NIH/NCRR
- **Award:** 5 P20 RR017696-05 (05050588-15)
- **Total:** $98,581
Anesthesia and Perioperative Medicine

Bansal, Vikas
Co-Investigator
A Phase III, Randomized, Double-Blind, Placebo-Controlled, Multi-Center Study Evaluating the Safety and Efficacy of Dexmedetomidine Used for Sedation During Elective Awake Fiberoptic Intubation
PI: Gary Haynes
Dept: Anesthesia and Perioperative Medicine
Sponsor: Hospira, Inc.
Award: 2005-006 (06062188-1)
Total: $28,750

Craig, Brian
Co-Investigator
A Phase III, Randomized, Double-Blind, Placebo-Controlled Study Evaluating the Safety and Efficacy of Dexmedetomidine for Sedation During Monitored Anesthesia Care
PI: Gary Haynes
Dept: Anesthesia and Perioperative Medicine
Sponsor: Covance, Inc.
Award: 2005-005 (06092875-1)
Total: $132,500

Haynes, Gary
Principal Investigator
A Phase III, Randomized, Double-Blind, Placebo-Controlled, Multi-Center Study Evaluating the Safety and Efficacy of Dexmedetomidine Used for Sedation During Elective Awake Fiberoptic Intubation
Sponsor: Hospira, Inc.
Budget Dates: 07/18/06 - 06/30/07
Direct: $86,250
F & A: $21,562

A Phase III, Randomized, Double-Blind, Placebo-Controlled Study Evaluating the Safety and Efficacy of Dexmedetomidine for Sedation During Monitored Anesthesia Care
Sponsor: Covance, Inc.
Budget Dates: 11/13/06 - 11/12/08
Direct: $132,500
F & A: $33,125

Evaluation of a Non-Invasive Bioimpedance Cardiac Output Device in Pediatric Cath Lab, Perioperative Surgical and Electroconvulsive Therapy (ECT) Procedures
Sponsor: Vasocom, Inc.
Budget Dates: 01/08/07 - 12/31/07
Direct: $4,025
F & A: $850

McEvoy, Matthew
Principal Investigator
A Novel Myocardial Protective Effect with the Use of Aprotinin in the Setting of Myocardial Ischemia Reperfusion
Sponsor: Bayer Pharmaceuticals
Budget Dates: 07/29/05 - 08/03/07
Direct: $18,519
F & A: $1,481

Overdyk, Frank
Principal Investigator
Quantitative and Qualitative Assessment During an Upper Endoscopy Procedure of the Oxygen Delivery System within the Smarter Bite Block 02 Convenience Set
Sponsor: Oridion Capnography, Inc.
Budget Dates: 07/26/06 - 07/24/07
Direct: $19,811
F & A: $4,953

Biochemistry and Molecular Biology

Bastia, Deepak
Principal Investigator
Mechanism of Termination of DNA Replication
Sponsor: NIH/NIGMS
Budget Dates: 03/01/07 - 02/29/08
Direct: $272,189
F & A: $108,771

Mechanism of Replication of Drug Resistance Factors
Sponsor: NIH/NIAID
Budget Dates: 05/01/07 - 04/30/08
Direct: $316,163
F & A: $145,435

Bielawska, Alicja
Principal Investigator
Role of Ceramide Phosphate in Prostaglandin Synthesis
Sponsor: Virginia Commonwealth Univ.
Budget Dates: 01/01/07 - 12/31/07
Direct: $10,000
F & A: $4,600

Co-PI/Project Leader
Sphingolipids in Cancer Therapy and Angiogenesis, Core B: Lipidomics Core
PI: Yusuf Hannun
Sponsor: NIH/NCI
Total: $147,267
Dept: Biochemistry and Molecular Biology
Award: 5 P01 CA097132-04 (05061052-12)
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<th>Project Title</th>
<th>PI</th>
<th>Sponsor</th>
<th>Total Amount</th>
<th>Dept</th>
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<td>SC COBRE in Lipidomics and Pathobiology: Core B - Lipidomics Core</td>
<td>Pi: Lina Obeid</td>
<td>NIH/NCRR</td>
<td>$266,092</td>
<td>Biochemistry and Molecular Biology</td>
<td>5 P20 RR017677-05 (05062082-17)</td>
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<td>Sphingolipids in Cancer Therapy and Angiogenesis, Project 2: Genesis of Bystander Activity in Fast, Gene Therapy</td>
<td>Co-Investigator: Alicja Bielawska</td>
<td>NIH/NCRR</td>
<td>$159,844</td>
<td>Biochemistry and Molecular Biology</td>
<td>5 P01 CA097132-04 (05061052-9)</td>
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<td>NIAMS Clinical Research Center for Rheumatoid Disease - Project A</td>
<td>PI: Richard Silver</td>
<td>NIH/NIAMS</td>
<td>$134,930</td>
<td>Medicine</td>
<td>5 P60 AR049459-05 (07012622-5)</td>
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<td>Kallistatin in Hypertension</td>
<td>Principal Investigator: Chao Julie</td>
<td>NIH/NHLBI</td>
<td>$195,300</td>
<td>Medicine</td>
<td>5 R01 HL044083-16 (04063013)</td>
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<td>Tissue Kallikrein Oxidative Stress and Renal Fibrosis</td>
<td>Sponsor: NIH/NIDDK</td>
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<td>$193,347</td>
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<td>5 R01 DK066350-03 (05032537)</td>
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<td>Regulation and Function of Renal Kallikrein</td>
<td>Sponsor: NIH/NHLBI</td>
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<td>$219,713</td>
<td>Medicine</td>
<td>5 R01 HL029397-24 (05032538)</td>
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<td>Tissue Kallikrein in Aminoglycoside-Induced Acute Renal Failure</td>
<td>Sponsor: Univ. of South Carolina</td>
<td>NIH/NCRR</td>
<td>$50,000</td>
<td>Medicine</td>
<td>5 P20 RR16461 (05052657)</td>
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<td>Alkaline Ceramidase and Sphingolipid Signaling</td>
<td>Co-PI/Project Leader: Cowart, Lauren</td>
<td>NIH/NCRR</td>
<td>$149,339</td>
<td>Medicine</td>
<td>5 R01 CA104834-04 (07030107-1)</td>
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<td>The Role of Sphingolipids in Free Fatty Acid-Induced Insulin Resistance</td>
<td>Principal Investigator: Davies, Christopher</td>
<td>VAMC</td>
<td>$132,000</td>
<td>Medicine</td>
<td>06062403</td>
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<td>Molecular Targets in Peptidoglycan Synthesis</td>
<td>Sponsor: NIH/NIGMS</td>
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<td>$218,400</td>
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<td>2 R01 GM066861-05 (07052431)</td>
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<td>Roles for Inositol Phosphoryl Ceramide Synthase 1 (IPC1) in Fungal-Host Interaction</td>
<td>Principal Investigator: Del Poeta, Maurizio</td>
<td>NIH/NIAID</td>
<td>$80,000</td>
<td>Medicine</td>
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<td>Sphingolipid-Mediated Fungal Pathogenesis</td>
<td>Sponsor: NIH/NIAID</td>
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<td>$165,932</td>
<td>Medicine</td>
<td>5 R01 AI056168-04 (07010927)</td>
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Annual Report for Research FY2007 33
### Del Poeta, Maurizio

Co-PI/Project Leader  
**SC COBRE in Lipidomics and Pathobiology: Project 2 - Role of Ipc1 in the Regulation of Phagocytosis in C. Neoformans**  
PI: Lina Obeid  
Sponsor: NIH/NCRR  
Total: $ 49,000  
Dept: Biochemistry and Molecular Biology  
Award: 5 P20 RR017677-05 (05062082-21)

### Fernandes, Daniel

**Principal Investigator**  
**Targeting bcl-2 mRNA in Chronic Lymphocytic Leukemia**  
Sponsor: Leukemia and Lymphoma Society  
Budget Dates: 10/01/06 - 09/30/07  
Direct: $ 180,018  
F & A: $ 19,982

**Mechanism of Action of Xanafide and Symadex**  
Sponsor: Xanthus Life Sciences  
Budget Dates: 10/01/05 - 09/30/07  
Direct: $ 103,818  
F & A: $ 25,955

**Hematological Malignancies Symposium**  
Sponsor: Multiple Sponsors  
Budget Dates: 12/06/05 - 12/31/07  
Direct: $ 20,000  
F & A: 0

**Drug Development Work in the Cancer Field**  
Sponsor: Antisoma  
Budget Dates: 08/01/06 - 09/30/07  
Direct: $ 50,000  
F & A: $ 10,000

**Drug Development Work in the Cancer Field-Amendment**  
Sponsor: Antisoma  
Budget Dates: 05/16/07 - 09/30/07  
Direct: $ 64,272  
F & A: $ 16,068

**Hematological Malignancies Symposium**  
Sponsor: Ortho Biotech  
Budget Dates: 02/15/07 - 02/14/08  
Direct: $ 5,000  
F & A: 0

**Annual Hematological Malignancies Symposium**  
Sponsor: Cephalon, Inc.  
Budget Dates: 01/01/07 - 04/30/07  
Direct: $ 5,000  
F & A: 0

**Drug-Induced Destabilization of Bcl-2 mRNA**  
Sponsor: NIH/NCI  
Budget Dates: 03/01/07 - 02/29/08  
Direct: $ 149,813  
F & A: $ 68,914

### Gross, Paul

**Principal Investigator**  
**Shrimp Immunity: Gene Organization and Expression Penaeidin Family of Antimicrobial Peptides**  
Sponsor: NSF  
Budget Dates: 09/01/07 - 08/31/08  
Direct: $ 119,048  
F & A: $ 30,952

**Establishing a NOAA Center of Excellence for Oceans and Human Health at HML**  
Sponsor: NOAA  
Budget Dates: 10/01/06 - 09/30/07  
Direct: $ 35,837  
F & A: $ 9,318

**Co-PI/Project Leader**  
**Shrimp Immunity to Viral Infection: An Evaluation of the Contribution of RNA Interference**  
PI: Gregory Warr  
Dept: Biochemistry and Molecular Biology  
Sponsor: USDA  
Award: 2006-35204-17434 (06012760-1)

**Development of Hemopoetic Cell Lines from a Marine Invertebrate**  
PI: Gregory Warr  
Dept: Biochemistry and Molecular Biology  
Sponsor: NSF  
Award: MCB-0624271 (06062612-1)

### Hama, Hiroko

**Co-PI/Project Leader**  
**SC COBRE in Lipidomics and Pathobiology: Project 3 - Function and Regulation of Mammalian Fatty Acid Alpha-Hydroxylase Gene**  
PI: Lina Obeid  
Sponsor: NIH/NCRR  
Total: $ 98,000  
Dept: Biochemistry and Molecular Biology  
Award: 5 P20 RR017677-05 (05062082-22)
### Hannun, Yusuf

**Principal Investigator**

**Ceramide Containing Rafts: Structure and Function**
- **Sponsor:** Human Frontier Science
- **Award:** RGP0050/2005-C (04092909)
- **Budget Dates:** 10/01/06 - 09/30/08
- **Direct:** $200,000

**Role and Regulation of Protein Kinase C Isoenzymes**
- **Sponsor:** NIH/NHLBI
- **Award:** 5 R01 HL043707-17 (05052658)
- **Budget Dates:** 07/01/06 - 06/30/07
- **Direct:** $244,125

**Sphingolipids in Cancer Therapy and Angiogenesis**
- **Sponsor:** NIH/NCI
- **Award:** 5 P01 CA097132-04 (05061052)
- **Budget Dates:** 08/07/06 - 07/31/07
- **Direct:** $775,505

**Assessment of Pathway Design Through Multi-Level Modeling and Experiment**
- **Sponsor:** Georgia Institute of Technology
- **Award:** MCB-0517135/R7195-G2 (06100394)
- **Budget Dates:** 02/01/07 - 01/31/08
- **Direct:** $200,040

**Modeling and Analysis of Roles of Yeast Sphingolipids**
- **Sponsor:** NIH/NIGMS
- **Award:** 2 R37 GM043825-18 (06121121)
- **Budget Dates:** 01/01/07 - 12/31/10
- **Direct:** $248,000

**Ceramide Activated Protein Phosphatases**
- **Sponsor:** NIH/NCI
- **Award:** 5 R01 CA087584-07 (07041996)
- **Budget Dates:** 03/01/07 - 02/29/08
- **Direct:** $213,341

**Co-PI/Project Leader**

SC COBRE in Lipidomics and Pathobiology: Core A - Administrative Core
- **PI:** Lina Obeid
- **Dept:** Biochemistry and Molecular Biology
- **Award:** 5 P20 RR017677-05 (05062082-31)
- **Total:** $179,112

### Hennig, Mirko

**Principal Investigator**

**Project 3: Structure of Oligomeric HIV Rev-RRE Complexes**
- **Sponsor:** Scripps Research Inst.
- **Award:** 5 P01 GM06669-04/5-20783 (06080340)
- **Budget Dates:** 09/01/06 - 01/31/08
- **Direct:** $150,264

**Characterization of the SARS-CoV Frameshift Signal**
- **Sponsor:** Univ. of Maryland
- **Award:** R01 AI064307-01A2/Z196101 (06100398)
- **Budget Dates:** 07/01/06 - 06/30/11
- **Direct:** $68,494

### Hsu, Yi-Te

**Co-Investigator**

SC COBRE in Lipidomics and Pathobiology: Core D - Protein Science Core
- **PI:** Lina Obeid
- **Dept:** Biochemistry and Molecular Biology
- **Award:** 5 P20 RR017677-05 (05062082-19)
- **Total:** $125,975

**Translational Research on Cancer Control and Related Therapy: Targeting Topoisomerase I with Bifunctional Agents**
- **PI:** Andrew Kraft
- **Dept:** Medicine
- **Award:** GC-3319-05-44598CM (05110129-17)
- **Total:** $55,005

### Krupenko, Sergey

**Principal Investigator**

**FDH: A Novel Determinant of Tumor Suppression**
- **Sponsor:** NIH/NCI
- **Award:** 5 R01 CA095030-03 (07041997)
- **Budget Dates:** 03/01/07 - 01/31/10
- **Direct:** $168,539

### Luberto, Chiara

**Co-PI/Project Leader**

SC COBRE in Lipidomics and Pathobiology: Project 6 - Role and Function of Mammalian Sphingomyelin Synthases
- **PI:** Lina Obeid
- **Dept:** Biochemistry and Molecular Biology
- **Award:** 5 P20 RR017677-05 (05062082-25)
- **Total:** $147,000

**ACSRG: Role of Mammalian Sphingomyelin Synthase in the Regulation of NF-kB and Cell Transformation**
- **PI:** Carolyn Reed
- **Dept:** Surgery
- **Award:** IRG-97-219-08 (06033010-5)
- **Total:** $24,000
### Obeid, Lina
**SC COBRE in Lipidomics and Pathobiology**
- **Sponsor:** NIH/NCRR
- **Budget Dates:** 07/01/06 - 06/30/07
- **Direct:** $1,561,854

### Ogretmen, Besim
**Determination of Roles of SK1 and SK2 in Tumor Progression In Vivo**
- **Sponsor:** Biogen, Inc.
- **Budget Dates:** 02/08/07 - 03/31/09
- **Direct:** $136,986

### Snook, Christopher
**SC COBRE in Lipidomics and Pathobiology: Core D - Protein Science Core**
- **PI:** Lina Obeid
- **Dept:** Biochemistry and Molecular Biology
- **Award:** 5 P20 RR017677-05 (05062082-19)

### Szulc, Zdzislaw
**SC COBRE in Lipidomics and Pathobiology: Core B - Lipidomics Core**
- **PI:** Lina Obeid
- **Dept:** Biochemistry and Molecular Biology
- **Award:** 5 P20 RR017677-05 (05062082-17)

### Warr, Gregory
**Subcontract to NOAA’s Establishment of a National Oceanic and Atmospheric Administration Center of Excellence in Oceans and Human Health within the Hollings Marine Laboratory at Charleston, SC**
- **Sponsor:** NOAA
- **Budget Dates:** 10/01/06 - 09/30/07
- **Direct:** $84,781

### Alberg, Anthony
**DNA Repair, Skin Cancer, and Overall Cancer Risk**
- **Sponsor:** NIH/NCI
- **Budget Dates:** 09/20/06 - 04/30/07
- **Direct:** $571,927

### Biostatistics, Bioinformatics and Epidemiology
**DNA Repair, Skin Cancer, and Overall Cancer Risk**
- **Sponsor:** NIH/NCI
- **Budget Dates:** 05/01/07 - 03/31/08
- **Direct:** $371,129
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<td>Carter, Rickey</td>
<td>Co-Investigator</td>
<td>Atorvastatin Treatment for ADHD and Marijuana Dependence</td>
<td>Aimee McRae</td>
<td>NIH/NIDA</td>
<td>$122,063</td>
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<td>CSA Prevention Training for Child Care Professionals: Stewards of Children</td>
<td>Alyssa Rheingold</td>
<td>CDC</td>
<td>$201,394</td>
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<td>Co-Investigator</td>
<td>Training in Comorbid Substance Use and Bipolar Disorders</td>
<td>Marcia Verduin</td>
<td>NIH/NIDA</td>
<td>$165,380</td>
<td>Psychiatry and Behavioral Sciences</td>
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<td>Durkalski, Valerie</td>
<td>Principal Investigator</td>
<td>SERT-GAD Data Management Services</td>
<td>Aimee McRae</td>
<td>CDC</td>
<td>$19,474</td>
<td>Psychiatry and Behavioral Sciences</td>
<td>V247P-2554/534-D77002 (06052271)</td>
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<td>Durkalski, Valerie</td>
<td>Principal Investigator</td>
<td>Targeted Research Enhancement Program at the Ralph A. Johnson VAMC (Egede)</td>
<td>Aimee McRae</td>
<td>CDC</td>
<td>$6,000</td>
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<td>Durkalski, Valerie</td>
<td>Co-PI/Project Leader</td>
<td>Optimization of TMS for Depression-Coordinating Center</td>
<td>Aimee McRae</td>
<td>NIH/NIMH</td>
<td>$54,567</td>
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<td>5 R01 MH069887-03 (03021403-8)</td>
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<td>Durkalski, Valerie</td>
<td>Co-PI/Project Leader</td>
<td>Neurological Emergencies Treatment Trials Network Statistical and Data Management</td>
<td>Aimee McRae</td>
<td>NIH/NINDS</td>
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<td>Ferguson, Gabrielle</td>
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<td>SERT-GAD Data Management Services</td>
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<td>Ford, Marvilla</td>
<td>Principal Investigator</td>
<td>IPA Agreement-Houston VA Medical Center</td>
<td>Michael DeBakey</td>
<td>Lilly Research Laboratories</td>
<td>$36,105</td>
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<td>Ford, Marvilla</td>
<td>Principal Investigator</td>
<td>Research and Community: Cardiovascular Disease and Stroke</td>
<td>Michael DeBakey</td>
<td>Lilly Research Laboratories</td>
<td>$41,889</td>
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Improving Anti-Thrombotic Use in Stroke Prevention
Sponsor: Univ. of Florida
Budget Dates: 07/01/05 - 08/31/07
Direct: $13,931
F & A: $6,408

The HMO Research Network (CRN)
Sponsor: Henry Ford Health System
Budget Dates: 03/01/06 - 02/28/07
Direct: $11,573
F & A: $4,077

Ford, Marvella
SC Cooperative for Healthy Aging in Minority Populations - Community Liaison Core
Pl: Barbara Tilley
Dept: Biostatistics, Bioinformatics and Epidemi
Award: 5 P30 AG021677-05 (05062941-11)

Herrin, Amy
South Carolina Consortium of the Clinical Trials Network
Pl: Kathleen Brady
Dept: Psychiatry and Behavioral Sciences
Award: 3 U10 DA013727-07S1 (06092767-1)

Huang, Peng
Dual-Hit Hypothesis of Aging-Related DA Dysfunction-Core C
Pl: Ann-Charlotte Granholm
Dept: Neurosciences
Award: 5 P01 AG023630-02 (04112920-13)

Knapp, Rebecca
A Placebo-Controlled Trial of Adjunctive Quetiapine for Refractory PTSD
Pl: Augusta VA Medical Center
Award: V247P-2587 (06060646)
Knapp, Rebecca  
**Co-Investigator**  
SERT-GAD Data Management Services  
PI: Valerie Durkalski  
Sponsor: Augusta VA Medical Center  
Dept: Biostatistics, Bioinformatics and Epidemiology  
Award: V247P-2554/534-D77002 (06052271-2)  
Total: $ 19,474  
Comparing Three Electrode Placements to Optimize ECT  
PI: Hilary Bernstein  
Sponsor: Mayo Clinic  
Dept: Psychiatry and Behavioral Sciences  
Award: 5 R01 MH062357-04 (06112170-1)  
Total: $ 4,110  

Korte, Jeffrey  
**Principal Investigator**  
Sexually Transmitted Infection and HPV Epidemiology  
Sponsor: NIH/NICD  
Award: 7 R03 CA113150-03 (06021338)  
Project Dates: 06/02/06 - 08/31/07  
Budget Dates: 06/23/04 - 08/31/07  
Direct: $ 14,395  
F & A: 0  
San Antonio STI-TM CRC  
Sponsor: Univ. of Texas  
Award: 123530/123183 (06031671)  
Project Dates: 03/01/06 - 07/31/09  
Budget Dates: 08/01/06 - 07/31/07  
Direct: $ 13,286  
F & A: 0  
HPV in Heterosexual Couples  
Sponsor: NIH/NICD  
Award: 1 R03 CA128089-01 (06072401)  
Project Dates: 05/01/06 - 07/30/09  
Budget Dates: 05/01/06 - 04/30/08  
Direct: $ 65,189  
F & A: 19,311  

Lackland, Daniel  
**Principal Investigator**  
An Assessment of Long-Term Outcomes in Black and White Participants in the Hypertension Detection and Follow-Up Program (HDFP)  
Sponsor: Novartis Corp.  
Award: HDFP Task Order (06101954)  
Project Dates: 12/01/06 - 06/30/07  
Budget Dates: 12/01/06 - 06/30/07  
Direct: $ 27,324  
F & A: 6,831  
Mentor  
NIDCR Individual Pre-Doctoral Dental Fellowship  
SI: Gabrielle Ferguson  
Sponsor: NIH/NIDCR  
Total: $ 36,105  
Dept: Biostatistics, Bioinformatics and Epidemiology  
Award: 5 F30 DE017046-02 (04120664-2)  

Lu, Xinghua  
**Principal Investigator**  
Training of Toolmakers for Bio-Medical Informatics (TTBMI)  
Sponsor: NIH/NLM  
Award: 5 T15 LM007438-05 (05051926)  
Project Dates: 07/01/06 - 06/30/07  
Budget Dates: 07/01/06 - 06/30/07  
Direct: $ 394,523  
F & A: 28,877  
Developing Statistical Methodology for Functional MRI Based Deception Detection  
Sponsor: Cephos Corp.  
Award: (06111755)  
Project Dates: 01/01/07 - 08/31/07  
Budget Dates: 01/01/07 - 08/31/07  
Direct: $ 20,000  
F & A: 5,000  

Martin, Renee  
**Co-Investigator**  
Safety of N-Acetylcysteine in Maternal Chorioamnionitis  
PI: Dorothea Jenkins  
Sponsor: NIH/NINDS  
Dept: Pediatrics  
Award: 1 R01 NS052448-01A1 (06030223-1)  
Total: $ 410,967  
Neurological Emergencies Treatment Trials Network Statistical and Data Management  
PI: Yuko Palesch  
Sponsor: NIH/NINDS  
Dept: Biostatistics, Bioinformatics and Epidemiology  
Award: 1 U01 NS059041-01 (06062614-1)  
Total: $ 499,340  

Nicholas, Joyce  
**Co-PI/Project Leader**  
Enhancing Current Capacity for Surveillance of Autism Spectrum Disorders: 4 Year Old Surveillance  
PI: Jane Charles  
Sponsor: Autism Speaks  
Dept: Pediatrics  
Award: (06101333-1)  
Total: $ 50,000  
SC Autism and Developmental Disabilities Monitoring Project  
PI: Jane Charles  
Sponsor: CDC  
Dept: Pediatrics  
Award: 5 UR3 DD000083-02 (07021316-1)  
Total: $ 269,231  

Nietert, Paul  
**Co-Investigator**  
Computer-Aided Cancer Management - State Use-Master Settlement Agreement  
PI: Gerard Silvestri  
Sponsor: DOD  
Dept: Medicine  
Award: W81XWH-05-1-0378 (04070126-14)  
Total: $ 39,416
Computer-Aided Cancer Management - Nicotine Replacement
PI: Gerard Silvestri  
Sponsor: DOD  
Total: $ 83,660

Primary Care Practice Based Research Networks (PBRNs)
PI: Steven Ornstein  
Sponsor: AHRQ  
Total: $ 1,199

NIAMS Clinical Research Center for Rheumatoid Disease - Methodology Core
PI: Richard Silver  
Sponsor: NIH/NIAMS  
Total: $ 137,437

Colorectal Cancer Screening in Primary Care Practice
PI: Steven Ornstein  
Sponsor: NIH/NCI  
Total: $ 326,245

Palesch, Yuko

Biostatistics Training with Application of Neuroscience
Sponsor: NIH/NINDS  
Budget Dates: 07/01/06 - 06/30/07  
Direct: $ 135,038

SMC Statistical Services EFC5286
Sponsor: Sanofi Synthelabo, Inc.  
Budget Dates: 05/01/06 - 06/30/07  
Direct: $ 8,701

The ALIAS Study
Sponsor: NIH/NINDS  
Budget Dates: 03/01/06 - 06/30/07  
Direct: $ 1,074,012

Neurological Emergencies Treatment Trials Network Statistical and Data Management
Sponsor: NIH/NINDS  
Budget Dates: 03/01/06 - 06/30/07  
Direct: $ 499,340

Parkinson’s Disease Clinical Trial: Statistical Center
PI: Barbara Tilley  
Sponsor: NIH/NINDS  
Total: $ 441,881

Pickelsimer, E.

South Carolina Health Outcome Project on Epilepsy
PI: Anbesaw Selassie  
Sponsor: AAMC  
Total: $ 27,395

Co-Pi/Project Leader
Cardiovascular Proteomics Center - Core C: Bioinformatics Core Unit
PI: Daniel Knapp  
Sponsor: NIH/NHLBI  
Total: $ 113,807

Schwacke, John

Safety of N-Acetylcysteine in Maternal Chorioamnionitis
PI: Dorothea Jenkins  
Sponsor: NIH/NINDS  
Total: $ 410,967

Co-Investigator
Diagnosis of Esophageal Carcinomas by Plasma Mass Spectrometry
PI: Adam Smolka  
Sponsor: AstraZeneca  
Total: $ 94,734

Selassie, Anbesaw

South Carolina Health Outcome Project on Epilepsy
Sponsor: AAMC  
Budget Dates: 07/18/06 - 07/17/07  
Direct: $ 27,395

SC Traumatic Brain Injury (TBI) Surveillance Program
Sponsor: CDC  
Budget Dates: 08/17/06 - 07/31/07  
Direct: $ 19,841

Co-Investigator
Neurological Emergencies Treatment Trials Network Statistical and Data Management
PI: Yuko Palesch  
Sponsor: NIH/NINDS  
Total: $ 499,340
### Shaftman, Stephanie

**Co-Investigator**  
NIAMS Clinical Research Center for Rheumatoid Disease - Admin Core  
**PI:** Richard Silver  
**Sponsor:** NIH/NIAMS  
**Total:** $119,297  
**Dept:** Medicine  
**Award:** 5 P60 AR049459-05 (07012622-2)

**Principal Investigator**  
**Role of Ets Genes in Transformation and Differentiation - Core A: Administrative Core**  
**PI:** Dennis Watson  
**Sponsor:** NIH/NCI  
**Total:** $54,471  
**Dept:** Pathology and Laboratory Medicine  
**Award:** 5 P01 CA049459-05 (07022773-2)

### Sinha, Debajyoti

**Principal Investigator**  
**Statistical Methods for Cardiotoxicity Studies in AIDS**  
**Sponsor:** Brigham and Womens Hospital  
**Budget Dates:** 12/01/06 - 11/30/07  
**Direct:** $21,204

**Co-Investigator**  
**Role of Ets Genes in Transformation and Differentiation - Core A: Administrative Core**  
**PI:** Dennis Watson  
**Sponsor:** NIH/NCI  
**Total:** $54,471  
**Dept:** Pathology and Laboratory Medicine  
**Award:** 5 P01 CA049459-05 (07022773-2)

### Slate, Elizabeth

**Principal Investigator**  
**Biostatistics Training for Basic Biomedical Research**  
**Sponsor:** NIH/NIGMS  
**Budget Dates:** 07/01/06 - 06/30/07  
**Direct:** $140,508

**Joint Modeling and Analysis of Longitudinal Markers and Recurrent Events**  
**Sponsor:** NSF  
**Budget Dates:** 07/01/06 - 06/30/07  
**Direct:** $44,928

**SC COBRE for Oral Health-Core A - Administrative**  
**PI:** Steven London  
**Sponsor:** NIH/NCRR  
**Total:** $219,212  
**Dept:** Microbiology and Immunology  
**Award:** 5 P20 RR04796-05 (05050588-11)

**SC COBRE for Oral Health-Core B - Biostatistics**  
**PI:** Steven London  
**Sponsor:** NIH/NCRR  
**Total:** $237,790  
**Dept:** Microbiology and Immunology  
**Award:** 5 P20 RR04796-05 (05050588-12)

### Tilley, Barbara

**Principal Investigator**  
**Parkinson's Disease Clinical Trial: Statistical Center - Administrative Supplement**  
**Sponsor:** NIH/NIH1DS  
**Budget Dates:** 08/01/06 - 11/30/06  
**Direct:** $131,100

**Southeastern Predoctoral Training in Clinical Research**  
**Sponsor:** NIH/NCRR  
**Budget Dates:** 09/01/06 - 06/30/07  
**Direct:** $628,226

**SC Cooperative for Healthy Aging in Minority Populations**  
**Sponsor:** NIH/NIA  
**Budget Dates:** 09/01/06 - 06/30/07  
**Direct:** $409,489

**Parkinson's Disease Clinical Trial: Statistical Center**  
**Sponsor:** NIH/NIH1DS  
**Budget Dates:** 12/01/06 - 11/30/07  
**Direct:** $441,881

**Data Access and Analysis Agreement - SPARCL 981-124/981-342**  
**Sponsor:** Pfizer, Inc.  
**Budget Dates:** 04/01/06 - 09/30/06  
**Direct:** $4,516

**Recurrent Stroke Prediction: Optimizing aPL-P Biomarkers**  
**Sponsor:** Mt. Sinai Medical Center  
**Budget Dates:** 06/01/06 - 05/31/07  
**Direct:** $53,142

**Validation Study of the New UPDRS**  
**Sponsor:** Movement Disorder Society  
**Budget Dates:** 12/01/06 - 11/30/07  
**Direct:** $82,156
Tilley, Barbara  
Co-PI/Project Leader  
NIAMS Clinical Research Center for Rheumatoid Disease - Methodology Core  
PI: Richard Silver  
Sponsor: NIH/NIAMS  
Dept: Medicine  
Award: 5 P60 AR049459-05 (07012622-3)  
Total: $ 137,437

Co-Investigator  
Statistical Methods for Neurological Data  
PI: Paul Guimaraes  
Sponsor: NIH/NINDS  
Dept: Biostatistics, Bioinformatics and Epidemiology  
Award: 5 K25 NS048007-02 (04060301-2)  
Total: $ 135,038

Biostatistics Training with Application of Neuroscience  
PI: Yuko Palesch  
Sponsor: NIH/NINDS  
Dept: Biostatistics, Bioinformatics and Epidemiology  
Award: 5 T32 NS048007-02 (04060301-2)  
Total: $ 499,340

Neurological Emergencies Treatment Trials Network Statistical and Data Management  
PI: Yuko Palesch  
Sponsor: NIH/NINDS  
Dept: Biostatistics, Bioinformatics and Epidemiology  
Award: 1 U01 NS059041-01 (06062614-1)  
Total: $ 137,437

Timmerman, Mary  
Principal Investigator  
Social Capital and Alcohol Abuse in South Carolina  
Sponsor: NIH/NIAAA  
Budget Dates: 09/30/06 - 09/29/07  
Direct: $ 32,767

Award: 5 F31 AA015659-02 (05040581)  
Project Dates: 09/30/05 - 09/29/07  
F & A: 0

Voit, Eberhard  
Co-PI/Project Leader  
Cardiovascular Proteomics Center - Project 7: Computational Analysis of Proteomics Profiles  
PI: Daniel Knapp  
Sponsor: NIH/NHLBI  
Dept: Cell and Molecular Pharmacology  
Award: N01-HV-281-81-000 (02030610-55)  
Total: $ 114,482

Co-Investigator  
Cardiovascular Proteomics Center - Core A: Gel Electrophoresis Core Unit  
PI: Daniel Knapp  
Sponsor: NIH/NHLBI  
Dept: Cell and Molecular Pharmacology  
Award: N01-HV-281-81-000 (02030610-56)  
Total: $ 22,133

Wang, Wei  
Co-Investigator  
Combined Pharmaco/Behavior Therapy in Adolescent Smokers  
PI: Himanshu Upadhyaya  
Sponsor: NIH/NIDA  
Dept: Psychiatry and Behavioral Sciences  
Award: 5 R01 DA017460-04 (05042863-2)  
Total: $ 219,713

Woolson, Robert  
Co-Investigator  
Combined Pharmaco/Behavior Therapy in Adolescent Smokers  
PI: Himanshu Upadhyaya  
Sponsor: NIH/NIDA  
Dept: Psychiatry and Behavioral Sciences  
Award: 5 R01 DA017460-04 (05042863-2)  
Total: $ 219,713

CBT and Modafinil for Cocaine Addiction  
PI: Robert Malcolm, Jr.  
Sponsor: NIH/NIDA  
Dept: Psychiatry and Behavioral Sciences  
Award: 5 R01 DA016388-04 (05042865-2)  
Total: $ 248,774

Establishing the Vitamin D Requirement During Lactation  
PI: Bruce Hollis  
Sponsor: NIH/NICHD  
Dept: Pediatrics  
Award: 1 R01 HD047511-01A2 (05110141-1)  
Total: $ 455,051

A Controlled Trial of NAC for Cocaine Dependence  
PI: Robert Malcolm, Jr.  
Sponsor: NIH/NIDA  
Dept: Psychiatry and Behavioral Sciences  
Award: 5 R01 DA019903-03 (07032924-1)  
Total: $ 310,477

Yeatts, Sharon  
Co-Investigator  
Drug Abuse Research Training (DART) Program  
PI: Kathleen Brady  
Sponsor: NIH/NIDA  
Dept: Psychiatry and Behavioral Sciences  
Award: 5 R25 DA020537-02 (07012410-1)  
Total: $ 245,155

Zapka, Jane  
Principal Investigator  
Active Living and Healthy Diet at the Workplace  
Sponsor: Univ. of Massachusetts  
Budget Dates: 07/01/06 - 06/30/07  
Direct: $ 33,096

Award: 6055662/RFS500011 (06081578)  
Project Dates: 07/01/05 - 06/30/08  
F & A: 15,224
Tobacco Prevention/Cessation Education: Medical Students
Sponsor: Boston Univ.  
Budget Dates: 07/01/06 - 06/30/07  
Direct: $ 19,931
Award: 5 R25 CA91958-04/5512-5 (07052220)  
Project Dates: 07/26/02 - 06/30/07  
F & A: $ 1,594

Zapka, Jane
Co-PI/Project Leader
SC Cooperative for Healthy Aging in Minority Populations - Investigator Development Core
PI: Barbara Tilley  
Sponsor: NIH/NIA  
Total: $ 142,216
Dept: Biostatistics, Bioinformatics and Epidemiology  
Award: 5 P30 AG021677-05 (05062941-10)
Project Dates: 07/26/02 - 06/30/07
F & A: $ 1,594

Zhao, Wenle
Co-Investigator
NIAMS Clinical Research Center for Rheumatoid Disease - Patient Resources Core
PI: Richard Silver  
Sponsor: NIH/NIAMS  
Total: $ 142,129
Dept: Medicine  
Award: 5 P60 AR049459-05 (07012622-4)
Project Dates: 07/26/02 - 06/30/07
F & A: $ 1,594

Cell Biology and Anatomy
Argraves, Kelley
Principal Investigator
Sphingosine-1-Phosphate Signaling in Vasculogenesis
Sponsor: NIH/NHLBI  
Budget Dates: 06/01/07 - 05/31/08  
Direct: $ 189,636
Award: 5 R01 HL080404-03 (07041274)  
Project Dates: 07/15/05 - 05/31/10  
F & A: $ 87,233

Argraves, W.
Principal Investigator
Mechanisms and Significance of Cubilin-Mediated HDL Uptake
Sponsor: NIH/NHLBI  
Budget Dates: 09/01/06 - 08/31/07  
Direct: $ 250,000
Award: 2 R01 HL61873-05A2 (05030760)  
Project Dates: 04/01/06 - 08/31/10  
F & A: $ 115,000

NASA REU in Bioastronautics at MUSC - Summer 2006
Sponsor: Coll. of Charleston  
Budget Dates: 05/01/06 - 04/30/07  
Direct: $ 45,000
Award: NNG05GI68G-40099 (05111067)  
Project Dates: 05/01/06 - 04/30/07  
F & A: $ 0

South Carolina IDeA Networks of Biomedical Research Excellence (SC INBRE)
Sponsor: Univ. of South Carolina  
Budget Dates: 05/01/06 - 04/30/07  
Direct: $ 12,217
Award: 2 P20 RR16461 (06090870)  
Project Dates: 09/30/05 - 04/30/07  
F & A: $ 5,620

Bacro, Thierry
Principal Investigator
GAANN in Cell and Neurobiology
Sponsor: Dept. of Education  
Budget Dates: 08/15/06 - 08/14/08  
Direct: $ 126,672
Award: P200A040143-06 (07041167)  
Project Dates: 08/15/04 - 08/14/08  
F & A: $ 0

Barth, Jeremy
Co-PI/Project Leader
NASA REU in Bioastronautics at MUSC - Summer 2006
Sponsor: Coll. of Charleston  
Total: $ 45,000
Dept: Cell Biology and Anatomy  
Award: NNG05GI68G-40099 (05111067-1)
### Barth, Jeremy

**Co-Investigator**

SC COBRE for Developmentally Based Cardiovascular Diseases: Core C - Proteogenomics  
*PI: Roger Markwald  
Sponsor: NIH/NCCRR  
**Total: $170,796**

**Dept: Cell Biology and Anatomy  
Award: 2 P20 RR016434-06 (06010570-10)**

**Neurobiology of Addiction Research Center (NARC) - Project 2**  
*PI: Peter Kalivas  
Sponsor: NIH/NIDA  
**Total: $170,986**

**Dept: Neurosciences  
Award: 5 P50 DA015369-05 (07032298-6)**

**Neurobiology of Addiction Research Center (NARC) - Project 3**  
*PI: Peter Kalivas  
Sponsor: NIH/NIDA  
**Total: $79,092**

**Dept: Neurosciences  
Award: 5 P50 DA015369-05 (07032298-7)**

### Boockfor, Fredric

**Principal Investigator**

**Prolactin Gene Expression Dynamics and Mammatrope Function**  
*Sponsor: NIH/NIDDK  
**Budget Dates: 05/01/07 - 03/31/08  
Direct: $205,000**

**Award: 1 R01 DK073270-01A2 (06062610)  
**Project Dates: 05/01/07 - 03/31/12  
F & A: 90,705**

### Drake, Christopher

**Co-PI/Project Leader**

**Tissue Reconstituting Potential of Human Stem Cells**  
*PI: Makio Ogawa  
Sponsor: NIH/NHLBI  
**Total: $213,341**

**Dept: Medicine  
Award: 5 R01 HL075699-03 (07011663-1)**

**Co-Investigator**

**Sphingolipids in Cancer Therapy and Angiogenesis, Project 3: Role of Sphingosine Kinase and Sphingosine-1-Phosphate in Tumor Angiogenesis**  
*PI: Yusuf Hannun  
Sponsor: NIH/NCI  
**Total: $181,260**

**Dept: Biochemistry and Molecular Biology  
Award: 5 P01 CA097132-04 (05061052-10)**

**SC COBRE for Developmentally Based Cardiovascular Diseases: Core A-2 - Mentoring**  
*PI: Roger Markwald  
Sponsor: NIH/NCCRR  
**Total: $94,647**

**Dept: Cell Biology and Anatomy  
Award: 2 P20 RR016434-06 (06010570-7)**

**Sphingosine-1-Phosphate Signaling in Vasculogenesis**  
*PI: Kelley Argraves  
Sponsor: NIH/NHLBI  
**Total: $189,636**

**Dept: Cell Biology and Anatomy  
Award: 5 R01 HL080404-03 (07041274-1)**

### Eisenberg, Carol

**Principal Investigator**

**Analysis of the Myocardial Potential of Adult Tissue-Derived Stem Cells**  
*Sponsor: Amer. Heart Assoc.  
**Budget Dates: 07/01/06 - 06/30/08  
Direct: $60,000**

**Award: 0555522U (05012637)  
**Project Dates: 07/01/05 - 06/30/08  
F & A: 6,000**

### Eisenberg, Leonard

**Principal Investigator**

**Non-Canonical WNT Signal Transduction and Cardiogenesis**  
*Sponsor: NIH/NHLBI  
**Budget Dates: 04/01/07 - 03/31/10  
Direct: $193,959**

**Award: 5 R01 HL073190-03 (07040764)  
**Project Dates: 04/01/05 - 03/31/12  
F & A: 82,910**

### Fitzharris, Timothy

**Principal Investigator**

**Assessment of Skin Structure and Function Post-Wounding**  
*Sponsor: FirstString Research, LLC  
**Budget Dates: 07/01/06 - 06/30/07  
Direct: $54,500**

**Award: (06061363)  
**Project Dates: 07/01/06 - 06/30/07  
F & A: 5,450**

### Ghatak, Shibnath

**Co-Investigator**

SC COBRE for Developmentally Based Cardiovascular Diseases: Project 2 - Role of Hyaluronan in Congenital Birth Defects and Atherosclerosis  
*PI: Roger Markwald  
Sponsor: NIH/NCCRR  
**Total: $117,375**

**Dept: Cell Biology and Anatomy  
Award: 2 P20 RR016434-06 (06010570-3)**

**Inhibition of Tumor Progression by Hyaluronan Oligomers**  
*PI: Bryan Toole  
Sponsor: NIH/NCI  
**Total: $170,673**

**Dept: Cell Biology and Anatomy  
Award: 5 R01 CA073839-09 (07030629-1)**

### Ghatnekar, Gautam

**Co-Investigator**

Restoration of Skin Structure and Function Post-Wounding  
*PI: M. Swindle  
Sponsor: FirstString Research, LLC  
**Total: $38,929**

**Dept: Comparative Medicine  
Award: 1 R41 AR053798-01 (06011326-1)**
Gourdie, Robert

**Principal Investigator**

**Function of CX43-Interacting Proteins in Neural Crest Migration**

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<th>Sponsor: NIH/NHLBI</th>
<th>Budget Dates: 01/01/07 - 12/31/07</th>
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<td>Award: 5 R01 HL082802-02 (05040889)</td>
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**Co-PI/Project Leader**

**Restoration of Skin Structure and Function Post-Wounding**

<table>
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<tr>
<th>PI: M. Swindle</th>
<th>Sponsor: FirstString Research, LLC</th>
<th>Total: $ 38,929</th>
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<tr>
<td>Dept: Comparative Medicine</td>
<td>Award: 1 R41 AR053798-01 (06011326-1)</td>
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**Co-Investigator**

**SC COBRE for Developmentally Based Cardiovascular Diseases: Core A-2 - Mentoring**

<table>
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<tr>
<th>PI: Roger Markwald</th>
<th>Sponsor: NIH/NCRR</th>
<th>Total: $ 94,647</th>
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<td>Dept: Cell Biology and Anatomy</td>
<td>Award: 2 P20 RR016434-06 (06010570-7)</td>
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Hammad, Samar

**Principal Investigator**

**Sphingolipid Signaling Induced by LDL Immune Complexes**

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<th>Sponsor: NIH/NHLBI</th>
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<th>Direct: $ 194,200</th>
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<td>F &amp; A: 89,332</td>
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**Co-PI/Project Leader**

**SC COBRE in Lipidomics and Pathobiology: Project 11 - Sphingolipid Signaling Induced by LDL Immune Complexes**

<table>
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<tr>
<th>PI: Lina Obeid</th>
<th>Sponsor: NIH/NCRR</th>
<th>Total: $ 49,000</th>
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<tr>
<td>Dept: Biochemistry and Molecular Biology</td>
<td>Award: 5 P20 RR017677-05 (05062082-30)</td>
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Kern, Michael

**Co-PI/Project Leader**

**SC COBRE for Developmentally Based Cardiovascular Diseases: Core D - Gene Function**

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<tr>
<th>PI: Roger Markwald</th>
<th>Sponsor: NIH/NCRR</th>
<th>Total: $ 171,197</th>
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<tr>
<td>Dept: Cell Biology and Anatomy</td>
<td>Award: 2 P20 RR016434-06 (06010570-11)</td>
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**Co-Investigator**

**SC COBRE in Lipidomics and Pathobiology: Core C - Animal Pathobiology Core**

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<tr>
<th>PI: Lina Obeid</th>
<th>Sponsor: NIH/NCRR</th>
<th>Total: $ 93,976</th>
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<td>Dept: Biochemistry and Molecular Biology</td>
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Krug, Edward

**Co-PI/Project Leader**

**Cardiovascular Proteomics Center - Project 2: Extracellular Matrix-Mediated Epithelial to Mesenchymal**

<table>
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<tr>
<th>PI: Daniel Knapp</th>
<th>Sponsor: NIH/NHLBI</th>
<th>Total: $ 65,825</th>
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<td>Dept: Cell and Molecular Pharmacology</td>
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**Cardiovascular Proteomics Center - Project 2: Extracellular Matrix-Mediated Epithelial to Mesenchymal**

<table>
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<tr>
<th>PI: Daniel Knapp</th>
<th>Sponsor: NIH/NHLBI</th>
<th>Total: $ 65,825</th>
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<td>Dept: Cell and Molecular Pharmacology</td>
<td>Award: N01-HV-281-81-000 (02030610-63)</td>
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Kubalak, Steven

**Principal Investigator**

**Signaling Mechanisms Regulating Cardiac Remodeling**

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<th>Sponsor: NIH/NHLBI</th>
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Lacy, Eric

**Principal Investigator**

**Taxonomic Center Subcontract for Rachael King**

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<th>Sponsor: SC Dept. of Natural Resources</th>
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<td>Project Dates: 09/01/06 - 08/31/07</td>
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**Subcontract: Oceanic Conditions and Human Health: Integration of Databases**

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<th>Sponsor: Univ. of Maryland</th>
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<td>Award: S06-60009/Q151501 (06072498)</td>
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**NOAA Biotechnology Contract (Faculty Position Salaries for Hulsey, Shockley, and Ellis)**

<table>
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<tr>
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<td>Award: MOA-2004-168/1259 (06092884)</td>
<td>Project Dates: 11/18/02 - 09/30/07</td>
<td>F &amp; A: 15,839</td>
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### Markwald, Roger

#### SC COBRE for Developmentally Based Cardiovascular Diseases

- **Sponsor:** NIH/NCRR
- **Award:** 2 P20 RR016434-06 (06010570)
- **Budget Dates:** 07/01/06 - 06/30/07
- **Direct:** $1,527,796
- **F & A:** $666,275

#### Mucopolysaccharide Metabolism in Cardiac Anomalies

- **Sponsor:** NIH/NHLBI
- **Award:** 2 R01 HL033756-24A1 (06060243)
- **Budget Dates:** 04/01/07 - 03/31/08
- **Direct:** $250,000
- **F & A:** $115,000

#### Understanding and Employing Multi-Cellular Self Assembly

- **Sponsor:** Univ. of Missouri, Columbia
- **Award:** EF-0526894 (06090869)
- **Budget Dates:** 09/01/06 - 08/31/07
- **Direct:** $171,233
- **F & A:** $78,767

#### Lineage Mapping within the Mouse Outflow Tract

- **Sponsor:** Univ. of Indiana
- **Award:** R01 HL077342 (06101845)
- **Budget Dates:** 06/01/06 - 05/31/07
- **Direct:** $24,412
- **F & A:** $11,230

### Misra, Suniti

#### Hyaluronan and Drug Resistance

- **Sponsor:** Univ. of South Carolina
- **Award:** PO 72192 J (05121539)
- **Budget Dates:** 12/01/06 - 06/30/07
- **Direct:** $30,000
- **F & A:** $0

#### Inhibition of Tumor Progression by Hyaluronan Oligomers

- **Sponsor:** NIH/NCI
- **Award:** 5 R01 CA073839-09 (07030629-1)
- **Budget Dates:** 04/01/05 - 03/31/09
- **Direct:** $170,673
- **F & A:** $0

### Mitchell, Jonathan

#### Individual Predoctoral Dental Scientist Fellowship

- **Sponsor:** NIH/NIDCR
- **Award:** 5 F30 DE016776-03 (07013040)
- **Budget Dates:** 04/01/07 - 03/31/08
- **Direct:** $81,706
- **F & A:** $0

### Mjaatvedt, Corey

#### SC COBRE for Developmentally Based Cardiovascular Diseases: Core D - Gene Function

- **Sponsor:** NIH/NHLBI
- **Award:** 1 R01 HL084285-01A1 (06022483-1)
- **Budget Dates:** 08/01/05 - 07/31/08
- **Direct:** $250,000
- **F & A:** $0

### Morris, Pamela

#### An Assessment of the Microbial Diversity Associated with Selected Caribbean Corals

- **Sponsor:** NSF
- **Award:** DEB-0516347 (05011886)
- **Budget Dates:** 09/01/06 - 08/31/07
- **Direct:** $212,206
- **F & A:** $41,857

#### EPA Fellowship Award

- **Sponsor:** EPA
- **Award:** FP-91651301-1 (07010385)
- **Budget Dates:** 08/01/06 - 07/31/07
- **Direct:** $17,172
- **F & A:** $0

#### EPA Fellowship Award

- **Sponsor:** EPA
- **Award:** FP-91651301-2 (07051603)
- **Budget Dates:** 08/01/05 - 07/31/08
- **Direct:** $17,000
- **F & A:** $0
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<th>Name</th>
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<td>Morris, Pamela</td>
<td>Co-PI/Project Leader</td>
<td>NOAA Biotechnology Contract (Faculty Position Salaries for Morris)</td>
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<td>PI: Eric Lacy, Sponsor: NOAA, Total: $95,750</td>
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<td>Muise-Helmericks,</td>
<td>Principal Investigator</td>
<td>Role of Poly-N-acetyl Glucosamine (NAG) in Endothelial Cell Signal Transduction</td>
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<td>Robin</td>
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<td>OQuinn, Michael</td>
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<td>Wnt11 Regulates the Expression and Distribution of Connexin43 in the Working Mammalian Myocardium</td>
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<td>Sponsor: Amer. Heart Assoc., Budget Dates: 07/01/06 - 06/30/07, Direct: $20,000</td>
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<td>Hyaluronan Scaffolds for Regenerating Elastin Matrices</td>
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<td>PI: Richard Swaja, Sponsor: Clemson Univ., Total: $36,742</td>
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<td>Non-Canonical WNT Signal Transduction and Cardiogenesis</td>
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<td>PI: Leonard Eisenberg, Sponsor: NIH/NHLBI, Total: $193,959</td>
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<td>Ernest Everett Just Symposium</td>
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<td>Perturbation of Hyaluronan Function in Cancer</td>
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<td>Sugi, Yukiko</td>
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<td>A Tissue-Engineered, Multi-Filament Entubulation Bridging Device for the Treatment of Spinal Cord Injury</td>
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Improving the Long-Term Survival and Functionality of Transplanted Human Dopaminergic Neurons Based Upon a Novel Tissue Engineering Approach
Sponsor: Clemson Univ. 
Award: 885-7558-247-2005859 (07011770) 
Budget Dates: 01/16/06 - 10/03/07 Direct: $ 50,000
Project Dates: 01/16/05 - 10/03/07 F & A: 12,500

South Carolina Bioengineering Summit: Bridging Disciplines, Distances, and Organizations
Sponsor: SC Research Authority 
Award: SCRA Task Order #0032 (07041058) 
Budget Dates: 05/16/07 - 12/31/07 Direct: $ 19,550
Project Dates: 05/16/07 - 12/31/07 F & A: 0

Thompson, Robert
Principal Investigator
Myocyte Proliferation in Embryonic Chick Heart
Sponsor: NIH/NHLBI 
Award: 5 R01 HL050582-13 (07011874) 
Budget Dates: 07/01/93 - 02/28/08 Direct: $ 189,636
Project Dates: 07/01/93 - 02/28/08 F & A: 83,657

Toole, Bryan
Principal Investigator
Genetic Control of Limb Development: Project 1
Sponsor: Univ. of Connecticut 
Award: 5 P01 HD022610-16 (04052606) 
Budget Dates: 04/01/06 - 03/31/07 Direct: $ 9,132
Project Dates: 04/01/06 - 03/31/07 F & A: 4,200

Reduction of Chemoresistance by Perturbation of Hyaluronan-Ovarian Carcinoma Cell Interactions
Sponsor: DOD 
Award: W81XWH-06-1-0097 (05030347) 
Budget Dates: 12/01/06 - 05/31/07 Direct: $ 192,201
Project Dates: 12/01/06 - 05/31/07 F & A: 88,412

Perturbation of Hyaluronan Function in Cancer
Sponsor: MUSC Fdn. for Research Development 
Award: (06092229) 
Budget Dates: 12/01/06 - 05/31/07 Direct: $ 53,109
Project Dates: 12/01/06 - 05/31/07 F & A: 3,068

Genetic Control of Limb Development - Project 1
Sponsor: Univ. of Connecticut 
Award: 5 P01 HD022610-17 (07011986) 
Budget Dates: 04/01/06 - 03/31/07 Direct: $ 8,448
Project Dates: 04/01/06 - 03/31/07 F & A: 3,886

Inhibition of Tumor Progression by Hyaluronan Oligomers
Sponsor: NIH/NCI 
Award: 5 R01 CA073839-09 (07030629) 
Budget Dates: 05/01/07 - 04/30/08 Direct: $ 170,673
Project Dates: 05/01/07 - 04/30/08 F & A: 78,509

Co-Investigator
SC COBRE for Developmentally Based Cardiovascular Diseases: Core A-2 - Mentoring
PI: Roger Markwald 
Dept: Cell Biology and Anatomy 
Award: 2 P20 RR016434-06 (06010570-7) 
Total: $ 94,647

SC COBRE for Developmentally Based Cardiovascular Diseases: Core B - Morphology, Imaging and Instrumentation
PI: Bernard Maria 
Dept: Pediatrics 
Award: (06041148-1) 
Total: $ 160,000

Trusk, Thompson
Co-PI/Project Leader
SC COBRE for Developmentally Based Cardiovascular Diseases: Core C - Cellular Function Core
PI: Dennis Watson 
Dept: Pathology and Laboratory Medicine 
Award: 5 P01 CA078582-13 (07022773-4) 
Total: $ 48,027

SC COBRE for Developmentally Based Cardiovascular Diseases: Core A-1 - Business Management
PI: Roger Markwald 
Dept: Cell Biology and Anatomy 
Award: 2 P20 RR016434-06 (06010570-6) 
Total: $ 173,327
Twal, Waleed

Co-Investigator
SC COBRE for Developmentally Based Cardiovascular Diseases: Core C - Proteogenomics
PI: Roger Markwald Sponsor: NIH/NCRR Total: $170,796
Dept: Cell Biology and Anatomy Award: 2 P20 RR016434-06 (06010570-10)

Visconti, Richard

Co-PI/Project Leader
SC COBRE for Developmentally Based Cardiovascular Diseases: Project 3 - Hematopoietic Stem Cells in Cardiovascular Regenerative Medicine
PI: Roger Markwald Sponsor: NIH/NCRR Total: $117,375
Dept: Cell Biology and Anatomy Award: 2 P20 RR016434-06 (06010570-4)

Wessels, Arno

Principal Investigator
Muscularization of Cushion-Derived Structures
Sponsor: Amer. Heart Assoc. Budget Dates: 07/01/06 - 06/30/07 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 - 12/31/11 Direct: $250,000
Award: 1 R01 HL084285-01A1 (06022483) Project Dates: 01/01/07 - 12/31/11 F & A: $115,000

Co-Investigator
SC COBRE for Developmentally Based Cardiovascular Diseases: Core B - Morphology, Imaging and Instrumentation
PI: Roger Markwald Sponsor: NIH/NCRR Total: $204,534
Dept: Cell Biology and Anatomy Award: 2 P20 RR016434-06 (06010570-9)

Cell and Molecular Pharmacology

Blumer, Joe

Co-Investigator
AGS1 and Signal Processing by G-Protein
PI: Stephen Lanier Sponsor: NIH/NIGMS Total: $239,094
Dept: Cell and Molecular Pharmacology Award: 7 R01 GM074247-02 (07010615-1)

AGS1 and Signal Processing by G-Protein
PI: Stephen Lanier Sponsor: NIH/NIGMS Total: $1,000
Dept: Cell and Molecular Pharmacology Award: 7 R01 GM074247-02 (07010615-2)

Accessory Proteins and G-Protein Signaling Mechanisms
PI: Stephen Lanier Sponsor: NIH/NINDS Total: $230,613
Dept: Cell and Molecular Pharmacology Award: 7 R01 NS024821-18 (07030732-1)

Accessory Proteins and G-Protein Signaling Mechanisms
PI: Stephen Lanier Sponsor: NIH/NINDS Total: $2,359
Dept: Cell and Molecular Pharmacology Award: 7 R01 NS024821-18 (07030732-2)

Davis, Jr., Warren

Co-PI/Project Leader
SC COBRE in Lipidomics and Pathobiology: Project 10 - ATP-Binding Cassette Transporter-1 (ABCA2) Regulation of Beta-APP Processing
PI: Lina Obeid Sponsor: NIH/NCRR Total: $122,500
Dept: Biochemistry and Molecular Biology Award: 5 P20 RR017677-05 (05062082-29)

Eben, Scott

Principal Investigator
Identification and Characterization of MAP Kinase Substrates Proliferation, Invasion and Metastasis
Sponsor: Univ. of Virginia Budget Dates: 12/01/05 - 11/30/07 Direct: $138,283
Award: GG10582-125781 (06021652) Project Dates: 12/01/05 - 11/30/07 F & A: $63,610

Halushka, Perry

Principal Investigator
Training Program for Medical Scientists
Sponsor: NIH/NIGMS Budget Dates: 07/01/06 - 06/30/07 Direct: $191,214
Award: 5 T32 GM008716-08 (04120141) Project Dates: 07/01/09 - 06/30/09 F & A: $11,171

Co-PI/Project Leader
Planning Grant for CTSA at MUSC
PI: Kathleen Brady Sponsor: NIH/NCRR Total: $150,000
Dept: Assoc. Provost for Research Award: 1 P20 RR023498-01 (06100611-1)
Halushka, Perry  
Co-Investigator  
Southeastern Predoctoral Training in Clinical Research-Administrative Core  
PI: Barbara Tilley  
Sponsor: NIH/NCRR  
Total: $73,279  
Dept: Biostatistics, Bioinformatics and Epidemiology  
Award: 5 T32 RR023258-02 (05033163-8)

Isaacs, Jennifer  
Principal Investigator  
Hsp90-Dependent Regulation of HIF-1 Alpha  
Sponsor: NIH/NCI  
Budget Dates: 09/01/06 - 08/31/07  
Direct: $146,450

Kibbey, Megan  
Principal Investigator  
Individual Predoctoral Dental Scientist Fellowship  
Sponsor: NIH/NIDCR  
Budget Dates: 09/01/06 - 02/28/07  
Direct: $24,522

Knapp, Daniel  
Principal Investigator  
Cardiovascular Proteomics Center  
Sponsor: NIH/NHLBI  
Budget Dates: 09/30/06 - 09/29/07  
Direct: $2,701,598

Co-Investigator  
Cellular Factors Promoting Renal Cell Carcinoma  
PI: Vincent Dammai  
Sponsor: NIH/NCI  
Total: $190,000  
Dept: Pathology and Laboratory Medicine  
Award: 1 R01 CA128002-01 (06060125-1)

Lanier, Stephen  
Principal Investigator  
AGS1 and Signal Processing by G-Protein  
Sponsor: NIH/NIGMS  
Budget Dates: 02/01/07 - 01/31/08  
Direct: $240,094

Accessory Proteins and G-Protein Signaling Mechanisms  
Sponsor: NIH/NINDS  
Budget Dates: 12/01/06 - 11/30/07  
Direct: $232,972

Mack, Jody  
Principal Investigator  
Defining the Cellular and Physiological Role of ABCA2  
Sponsor: NIH/NCI  
Budget Dates: 08/01/06 - 07/31/07  
Direct: $48,796

Neumann, Carola  
Principal Investigator  
Role of PRDX1 in Natural Killer Cells and Tumorigenesis  
Sponsor: NIH/NIEHS  
Budget Dates: 08/01/06 - 07/31/07  
Direct: $97,650

Oatis, Jr., John  
Co-Investigator  
Synthetic Retinal Pigments and Binding Proteins  
PI: Rosalie Crouch  
Sponsor: NIH/NEI  
Total: $242,750  
Dept: Ophthalmology  
Award: 5 R01 EY004939-24 (07021426-1)

Rosenzweig, Steven  
Principal Investigator  
Relationships between Seamaphorins and Vascular Endothelia Growth Factor Signaling in Angiogenesis: A Possible Feedback Regulation Mechanism for Angiogenesis in Breast Cancer  
Sponsor: PhRMA  
Budget Dates: 07/01/06 - 06/30/07  
Direct: $18,000

Schey, Kevin  
Principal Investigator  
The Role of Aquaporin-O in Lens Development and Aging  
Sponsor: NIH/NEI  
Budget Dates: 08/01/06 - 07/31/07  
Direct: $227,000

Co-PI/Project Leader  
Cardiovascular Proteomics Center - Project 6: Intact Protein-Based Proteomic Analysis  
PI: Daniel Knapp  
Sponsor: NIH/NHLBI  
Total: $91,560  
Dept: Cell and Molecular Pharmacology  
Award: N01-HV-281-81-000 (02030610-54)
### Cardiovascular Proteomics Center - Core B: Mass Spectrometry Core Unit

**PI:** Daniel Knapp  
**Sponsor:** NIH/NHLBI  
**Total:** $74,588

**Dept:** Cell and Molecular Pharmacology  
**Award:** N01-HV-291-81-000 (02030610-57)

### Tew, Kenneth

**Principal Investigator**

**Training in Cancer Therapeutics**

**Sponsor:** NIH/NCI  
**Budget Dates:** 07/01/06 - 06/30/07  
**Direct:** $165,622

**Pharmacology of NOV-002**

**Sponsor:** Novelos Therapeutics, Inc.  
**Budget Dates:** 08/01/06 - 07/31/07  
**Direct:** $125,000

**Glutathione S-Transferases in Drug and Stress Response**

**Sponsor:** NIH/NCI  
**Budget Dates:** 03/01/07 - 02/29/08  
**Direct:** $213,341

### Tsuji, Petra

**Principal Investigator**

**Petra Tsuji: Fellowship**

**Sponsor:** EPA  
**Budget Dates:** 08/01/06 - 07/31/07  
**Direct:** $5,000

### Webb, Jerry

**Principal Investigator**

**Kinin/PGE Interaction in Control of Intraocular Pressure**

**Sponsor:** NIH/NEI  
**Budget Dates:** 04/01/07 - 03/31/08  
**Direct:** $194,206

### Wen, Xuejun

**Co-PI/Project Leader**

**Improving the Long-Term Survival and Functionality of Transplanted Human Dopaminergic Neurons Based Upon a Novel Tissue Engineering Approach**

**PI:** Richard Swaja  
**Sponsor:** Clemson Univ.  
**Budget Dates:** 08/01/06 - 03/31/08  
**Total:** $50,000

**Effect of Delayed Surgery on Infection Rate of Open Fractures in a Rabbit Model**

**PI:** Langdon Hartsock  
**Sponsor:** Orthopedic Trauma Assoc.  
**Budget Dates:** 08/01/06 - 07/31/07  
**Total:** $25,000

### Comparative Medicine

**Bingel, Sarah**

**Principal Investigator**

**ImmunoMod Study 001**

**Sponsor:** ImmunoMod, LLC  
**Budget Dates:** 08/01/06 - 09/30/07  
**Direct:** $137,652

**Smith, Alison**

**Principal Investigator**

**Preservation of Liver Spheroids**

**Sponsor:** Cell and Tissue Systems, Inc.  
**Budget Dates:** 08/01/06 - 03/31/07  
**Direct:** $2,025

**Pancreas Transporter Development and Validation**

**Sponsor:** Cell and Tissue Systems, Inc.  
**Budget Dates:** 10/01/06 - 09/30/07  
**Direct:** $30,795

**New Solutions to Improve Islet Recovery after Machine Preservation of the Pancreas**

**Sponsor:** Cell and Tissue Systems, Inc.  
**Budget Dates:** 10/01/06 - 09/30/07  
**Direct:** $13,986

**Thermomechanical Stress in Cryopreserved Blood Vessels**

**Sponsor:** Cell and Tissue Systems, Inc.  
**Budget Dates:** 09/01/06 - 08/31/07  
**Direct:** $8,991

**Co-Investigator**

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

**PI:** Ann-Charlotte Granholm  
**Sponsor:** NIH/NIA  
**Total:** $147,169

**Dept:** Neurosciences  
**Award:** 5 P01 AG023630-02 (04112920-12)
**Swindle, M.**

**Principal Investigator**

**Restoration of Skin Structure and Function Post-Wounding**
Sponsor: FirstString Research, LLC  
Award: 1 R41 AR053798-01 (06011326)  
Budget Dates: 09/20/06 - 03/31/07  
Direct: $38,929  
F & A: $17,907

**Restoration of Skin Structure and Function Post Wounding in Swine**
Sponsor: FirstString Research, LLC  
Award: (06061362)  
Budget Dates: 07/01/06 - 06/30/07  
Direct: $35,408  
F & A: $3,540

**Dean's Office**

**Cousineau, Edward**

**Principal Investigator**

**Integration of Physician Training and Biomedical Research in South Carolina**
Sponsor: Univ. of South Carolina  
Award: 04-0966/18360 KJ02 (07050766)  
Budget Dates: 01/01/04 - 06/30/07  
Direct: $109,667  
F & A: $0

**Del Bene, Victor**

**Co-Investigator**

Ryan White Title II Funds  
PI: J. Cantey  
Dept: Medicine  
Sponsor: SC DHEC  
Award: PO#627457-4 (07022145-1)  
Total: $917,539

**Matson, Terri**

**Principal Investigator**

**Clinical Trials Awareness Workgroup**
Sponsor: SC Cancer Alliance  
Award: SCCA-07001 (07050455)  
Budget Dates: 03/30/07 - 06/29/07  
Direct: $6,050  
F & A: $0

**Schaefer, III, John**

**Principal Investigator**

**Clinical Effectiveness and Patient Safety**
Sponsor: SC Research Centers of Economic Excellence  
Award: (07063033)  
Budget Dates: 08/09/06 - 06/30/07  
Direct: $2,502,532  
F & A: $0

**Lottery-Funded Center for Clinical Effectiveness and Patient Safety**
Sponsor: Health Sciences SC  
Award: (07072441)  
Budget Dates: 06/01/06 - 05/31/07  
Direct: $896,001  
F & A: $0

**Family Medicine**

**Blue, Amy**

**Co-Investigator**

Southeastern Predoctoral Training in Clinical Research-Administrative Core  
PI: Barbara Tilley  
Dept: Biostatistics, Bioinformatics and Epidemiology  
Sponsor: NIH/NCRR  
Total: $73,279

**Carek, Peter**

**Principal Investigator**

**Residency Training in Primary Care**
Sponsor: DHHS  
Award: 5 D58 HP03371-03-00 (03120112)  
Budget Dates: 07/01/06 - 06/30/07  
Direct: $119,253  
F & A: $9,540

**Chessman, Alexander**

**Principal Investigator**

**Predoctoral Training in Primary Care: Systems Improvement to Reduce Health Disparities**
Sponsor: HRSA  
Award: 1 D56 HP03357-01-00 (03110601)  
Budget Dates: 07/01/06 - 06/30/07  
Direct: $144,445  
F & A: $11,555

**Diaz, Vanessa**

**Principal Investigator**

**Evaluating the Relationship between Race/Ethnicity and Cardiovascular Risk. What is the Impact of Obesity, Diet and Physical Activity?**
Award: 051896 (04093008)  
Budget Dates: 01/01/07 - 12/31/07  
Direct: $83,808  
F & A: $7,542

**Co-PI/Project Leader**

Solo Con Receta ("Only with Prescription"): Program to Increase Appropriate Use of Antibiotics in the Latino Community  
PI: Arch Mainous  
Dept: Family Medicine  
Sponsor: Blue Cross Blue Shield  
Award: 2006-16 (06040425-1)  
Total: $93,645
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<td>Parkinson's Disease Clinical Trial: Statistical Center</td>
<td>Barbara Tilley</td>
<td>NIH/NINDS</td>
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<td>Family Medicine</td>
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<td>Minorities, Acculturation, and Diabetes: Disparities Research Questions</td>
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<td>Robert Wood Johnson Fdn.</td>
<td>$70,929</td>
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<td>Minorities, Acculturation, and Diabetes: Disparities Research Questions</td>
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<td>$326,245</td>
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<td>Mainous, Arch</td>
<td>Principal Investigator</td>
<td>Primary Care Faculty Development</td>
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<td>Solo Con Receta (&quot;Only with Prescription&quot;): Program to Increase Appropriate Use of Antibiotics in the Latino Community</td>
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<td>Minorities, Acculturation, and Diabetes: Disparities Research Questions</td>
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<td>Co-PI/Project Leader</td>
<td>SC Cooperative for Healthy Aging in Minority Populations - Measurement and Methods Core</td>
<td>Barbara Tilley</td>
<td>NIH/NIA</td>
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<td>Parkinson's Disease Clinical Trial: Statistical Center</td>
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<td>Principal Investigator</td>
<td>Accelerating TRIP in a Practice-Based Partner Research Network</td>
<td>Physician Micro Systems, Inc.</td>
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**Medicine**

**Afrin, Lawrence**

**Principal Investigator**

**Anemia Training Grant/Fellowship**

Sponsor: Amgen

Award: (03010706)

**Budget Dates:** 07/01/03 - 06/30/08

**Direct:** $28,415

**Project Dates:** 07/01/03 - 06/30/08

**F & A:** 0

**Arthur, John**

**Principal Investigator**

**087-CL-084: A Phase 4, Randomized, Parallel-Group, Multi-Center Study to Assess the Safety and Efficacy of Multiple Dosing Regimens of IV Conivaptan in Subjects with Euvolemic Hyponatremia**

Sponsor: Astellas Pharma US, Inc.

Award: 087-CL-084 (06121432)

**Budget Dates:** 01/12/07 - 10/31/08

**Direct:** $231,480

**Project Dates:** 01/12/07 - 10/30/08

**F & A:** 57,120

**Arthur, John**

**Principal Investigator**

**A Phase IIIb, Randomized, Double-Blind, Parallel-Group, Multi-Center Study to Assess the Efficacy and Safety of Multiple 30 Minute Infusions of Conivaptan in Subjects with Euvolemic or Hypervolemic Hyponatremia**

Sponsor: Astellas Pharma US, Inc.

Award: 087-CL-088 (07041768)

**Budget Dates:** 05/22/07 - 09/30/08

**Direct:** $142,260

**Project Dates:** 05/22/07 - 09/30/08

**F & A:** 34,940

**Co-Investigator**

**Nitrergic Pathways of Hair Medulla Differentiation - Parabidigm for Development**

Sponsor: NIH/NCRR

Award: 5 P20 RR017677-05 (05062082-18)

**Assey, Valerie**

**Co-Investigator**

**Ryan White Title II Funds**

Sponsor: SC DHEC

Award: PO#627457-4 (07022145-1)

**Ryan White Title II Funds**

Sponsor: SC DHEC

Award: PO#627457 (07022145-2)

**Awgulewitsch, Alexander**

**Principal Investigator**

**Molecular Analysis of Hair Follicle Structural Changes in Alopecia Areata Mice**

Sponsor: National Alopecia Areata Fdn.

Award: (06072812)

**Budget Dates:** 01/01/07 - 12/31/07

**Direct:** $20,000

**Project Dates:** 01/01/07 - 12/31/07

**F & A:** 0

**Genetic Pathways of Hair Medulla Differentiation-Paradigms for Development**

Sponsor: NIH/NCRR

Award: 5 R21 AR053639-02 (07020786)

**Budget Dates:** 04/01/07 - 03/31/08

**Direct:** $138,334

**Project Dates:** 04/01/06 - 03/31/08

**F & A:** 29,891

**Co-Investigator**

**SC COBRE in Lipidomics and Pathobiology: Core C - Animal Pathobiology Core**

Sponsor: NIH/NCRR

Award: 5 P20 RR017677-05 (05062082-18)
Baicu, Catalin
Co-PI/Project Leader
Role of PYK2 on Cardiac Hypertrophic Growth Response to Pressure Overload
PI: Michael Zile
Sponsor: Pfizer, Inc.
Total: $55,000
Dept: Medicine
Award: (06120509-1)

Bell, Phillip
Principal Investigator
Cellular Mechanisms for Tubuloglomerular Feedback
Sponsor: NIH/NIDDK
Award: 7 R01 DK032032-21 (06061980)
Budget Dates: 07/01/06 - 02/28/07 Direct: $165,950
F & A: 76,337

Calcium Entry Regulated by Cilia in Polycystic Disease
Sponsor: NIH/NIDDK
Award: 7 R21 DK071007-03 (06061981)
Budget Dates: 07/01/06 - 02/28/07 Direct: $85,656
F & A: 39,402

Recessive PKD Research and Translational Core (Physiology Core)
Sponsor: Univ. of Alabama, Birmingham
Award: UAB#P30 DK074038-02, Sub (06100506)
Budget Dates: 09/01/06 - 08/31/07 Direct: $108,068
F & A: 37,796

Purinergic Regulation of the Renal Microvasculature
Sponsor: Medical Coll. of Georgia
Award: 20609/S R01 DK044828-13 (07011662)
Budget Dates: 03/01/07 - 02/29/08 Direct: $30,705
F & A: 14,124

Cellular Mechanisms for Tubuloglomerular Feedback
Sponsor: NIH/NIDDK
Award: 5 R01 DK032032-22 (07011773)
Budget Dates: 04/01/07 - 02/28/09 Direct: $199,055
F & A: 91,565

Recessive PKD Research and Translational Core Center
Sponsor: Univ. of Alabama, Birmingham
Award: 5 P30 DK074038-02/003 (07051704)
Budget Dates: 09/01/06 - 08/31/10 Direct: $39,058
F & A: 13,221

Co-Investigator
The Role of Ion Channels in Cystic Diseases
PI: David Ploth
Dept: Medicine
Sponsor: Dialysis Clinics, Inc.
Award: C-2618 (06091284-1)
Total: $719,308

The Role of Ion Channels in Cystic Diseases
PI: David Ploth
Dept: Medicine
Sponsor: Dialysis Clinics, Inc.
Award: C-2618A (06091284-2)
Total: $180,000

Beon, Mee
Principal Investigator
Hyaluronic Acid is Overexpressed in Fibrotic Lung Tissue and Promotes Collagen Expression
Sponsor: DOD
Award: W81XWH-07-1-0253 (07031470)
Budget Dates: 03/15/07 - 03/14/08 Direct: $46,296
F & A: 3,704

Co-PI/Project Leader
SC COBRE for Oral Health - Project 5
PI: Steven London
Dept: Microbiology and Immunology
Sponsor: NIH/NCRR
Award: 5 P20 RR017696-05 (05050588-16)
Total: $98,619
Beon, Mee

Co-Investigator
SC COBRE for Oral Health - Project 10
Pl: Steven London
Dept: Microbiology and Immunology
Sponsor: NIH/NCRR
Award: 5 P20 RR017696-05 (05050588-17)
Total: $ 10,006

Bogatkevich, Galina

Principal Investigator
CTGF-Interacting Proteins in Scleroderma Lung Fibrosis
Sponsor: NIH/NIAMS
Award: 5 K01 AR051052-03 (07030839)
Project Dates: 05/01/05 - 04/30/10
F & A: $ 8,850

Bolster, Marcy

Principal Investigator
PHAROS Study
Sponsor: Georgetown University
Award: RX 4331-639-MUSC (06032077)
Project Dates: 03/01/06 - 06/30/07
F & A: $ 963

Boylan, Alice

Principal Investigator
Role of a Novel Oncogene in Mesothelioma
Sponsor: NIH/NIEHS
Award: 5 R01 ES011323-05 (07041168)
Project Dates: 05/01/06 - 04/30/10
F & A: $ 72,512

Borg, Keith

Principal Investigator
Emergency Medicine Pulmonary Embolism in the Real World Registry: A National Quality Improvement Initiative for the ED
Sponsor: Pennsylvania State University
Award: EMPPROR (07052113)
Project Dates: 06/01/07 - 05/31/08
F & A: $ 1,086

Boyston, Deborah

Co-Investigator
Open-Label, Extension Study Evaluating the Long-Term Safety, Tolerability and Efficacy of an Iron Maintenance Dosing Strategy Utilizing Intravenous VIT-45 in the Treatment of Anemia in Non-Dialysis Dependent (NDD) Chronic Kidney Disease (CKD)
Pl: Rachel Sturdivant
Dept: Medicine
Sponsor: Luitpold Pharmaceuticals, Inc.
Award: 1VIT05005 (06061576-1)
Buck, Greg  
Co-Investigator  
A Multi-Center, Open-Label Trial to Evaluate the Long-Term Safety and Tolerability of a New Balsalazide Disodium Tablet Formulation in Patients with Ulcerative Colitis  
PI: Brenda Hoffman  
Dept: Medicine  
Sponsor: Salix Pharmaceuticals, Inc.  
Total: $22,370  
Award: bzuc3005 (07040349-1)

Budisavljevic, Milos  
Principal Investigator  
Detection and Characterization of Glomerulonephritis Associated Proteins  
Sponsor: Dialysis Clinics, Inc.  
Award: C-2340A (04111685)  
Project Dates: 01/01/07 - 12/31/09  
Direct: $110,000

Bujor, Andreea  
Principal Investigator  
mTOR and the Regulation of Collagen Synthesis (Postdoctoral Fellowship)  
Sponsor: Arthritis Fdn.  
Award: (05082580)

Cantey, J.  
Principal Investigator  
Ryan White Title II Funds  
Sponsor: SC DHEC  
Award: PO#627457-4 (07022145)

Castell, Donald  
Principal Investigator  
A Multi-Center, Randomized, Double-Blind, Placebo-Controlled, Two-Period Crossover, Single, Dose-Finding Study to Assess the Efficacy and Safety of Controlled Release XP19986 in Patients with Gastroesophageal Reflux Disease  
Sponsor: XenoPort, Inc.  
Award: XP-B-049 (05110347)

Chaudhary, Uzair  
Principal Investigator  
A Phase II Study of Capectiabine and Docetaxel for Previously Treated Pancreatic Cancer Patients - "CapTere"  
Sponsor: Univ. of Miami  
Award: 2003099 (05061043)

Chaudhary, Uzair  
Principal Investigator  
A Randomized, Double-Blind, Multi-Center Study of Denosumab Compared with Zoledronic Acid (Zometa) in the Treatment of Bone Metastases in Men with Hormone-Refractory Prostate Cancer  
Sponsor: PPD Development  
Award: AMG 162 20050103 (06053095)

Chaudhary, Uzair  
Principal Investigator  
A Multi-Center, Randomized, Double-Blind, Phase II/III Study in the First-Line Treatment of Advanced Transitional Cell Carcinoma (TCC) of the Urothelium Comparing Vinflunine/Gemcitabine to Placebo/Gemcitabine in Patients Who Are Ineligible to Receive Cisplatin-Based Therapy (VINCENT)  
Sponsor: PPD Development  
Award: CA183-002 (07060806)
Chiaramida, Salvatore

**Principal Investigator**

**Clinical Investigation of Spinal Cord Stimulation for the Treatment of Refractory Angina**

Sponsor: Medtronic, Inc.  
Budget Dates: 07/01/03 - 12/31/07  
Direct: $12,800

Award: 1569 (03061207)  
Project Dates: 07/01/03 - 12/31/07  
F & A: $3,200

Church, L. W.

**Principal Investigator**

**Expanding Existing Surveillance Systems to Include Pfiesteria, other Harmful Algal Blooms, and Marine Toxins**

Sponsor: SC Sea Grant Consortium  
Budget Dates: 09/30/06 - 09/29/07  
Direct: $6,998

Award: CD05 (06110726)  
Project Dates: 09/29/03 - 09/30/07  
F & A: $3,219

A Multi-Center, Double-Blind, Randomized, Active-Controlled Study to Evaluate the Safety and Antiretroviral Activity of MK-0518 vs KALETRA in HIV-Infected Patients Switched from a Stable KALETRA-Based Regimen

Sponsor: Merck  
Budget Dates: 02/19/07 - 08/18/09  
Direct: $47,256

Award: 032-00 (07060811)  
Project Dates: 02/19/07 - 08/18/09  
F & A: $11,189

Co-Investigator

Ryan White Title II Funds  
Pl: J. Cantey  
Dept: Medicine  
Sponsor: SC DHEC  
Award: PO#627457-4 (07022145-1)  
Total: $917,539

Ryan White Title II Funds  
Pl: J. Cantey  
Dept: Medicine  
Sponsor: SC DHEC  
Award: PO#627457 (07022145-2)  
Total: $465,936

Colwell, John

**Principal Investigator**

**Epidemiology of Diabetes Intervention and Complications (EDIC)**

Sponsor: Case Western Reserve Univ.  
Budget Dates: 03/01/06 - 02/28/07  
Direct: $117,358

Award: N01-DK-6-2203 (04081003)  
Project Dates: 03/01/96 - 02/28/16  
F & A: $30,513

**Epidemiology of Diabetes Intervention and Complications - Clinical Coordinating Center (EDIC/CCC)**

Sponsor: Case Western Reserve Univ.  
Budget Dates: 03/01/07 - 02/29/08  
Direct: $27,261

Award: N01-DK-6-2203 (07032201)  
Project Dates: 03/01/96 - 02/29/16  
F & A: $7,088

Co-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

Pl: Frederick Wilson  
Dept: Medicine  
Sponsor: Bristol Myers Squibb  
Award: IM101-108-035 (07051491-1)  
Total: $115,202

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

Pl: Frederick Wilson  
Dept: Medicine  
Sponsor: Bristol Myers Squibb  
Award: IM101-084-044 (07051593-1)  
Total: $102,987

Cooper, IV, George

**Principal Investigator**

**Load-Induced Cardiac Hypertrophy in the Adult Mammal**

Sponsor: NIH/NHLBI  
Budget Dates: 08/01/06 - 07/31/07  
Direct: $1,494,340

Award: 5 P01 HL048788-14 (05053192)  
Project Dates: 08/01/93 - 07/31/08  
F & A: $674,941

**Growth Regulation of Adult Cardiac Muscle Cells**

Sponsor: VAMC  
Budget Dates: 10/01/06 - 09/30/07  
Direct: $125,000

Award: (06062402)  
Project Dates: 10/01/05 - 09/30/09  
F & A: 0

Cotton, Peter

**Principal Investigator**

**Boston Scientific Fellowship VII**

Sponsor: Boston Scientific Corp.  
Budget Dates: 07/01/06 - 06/30/07  
Direct: $46,296

Award: (06032287)  
Project Dates: 07/01/06 - 06/30/07  
F & A: $3,704

Delegge, Mark

**Principal Investigator**

**Prescribing Patterns in Parenteral Nutrition**

Sponsor: Access Medical Group  
Budget Dates: 03/06/07 - 10/01/07  
Direct: $7,600

Award: AMG-06-001 (07031861)  
Project Dates: 03/06/07 - 10/01/07  
F & A: $1,275
Total Parenteral Nutrition: Determination of Utilization and Appropriateness among Hospitalized Adults in South Carolina's Leading Medical Centers

Sponsor: SC Research Authority
Award: SCRA Task Order #0029 (07060180)
Budget Dates: 05/01/07 - 04/30/08
Direct: $20,000
F & A: 0

Dowdle, Merriman
Co-Investigator

A Multi-Center, Open-Label Trial to Evaluate the Long-Term Safety and Tolerability of a New Balsalazide Disodium Tablet Formulation in Patients with Ulcerative Colitis
Pl: Brenda Hoffman
Sponsor: Salix Pharmaceuticals, Inc.
Total: $22,370

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
Pl: Frederick Wilson
Sponsor: Bristol Myers Squibb
Total: $115,202

Egan, Brent
Principal Investigator

Community Focused Initiative to Reduce Burden of Stroke
Sponsor: DHHS/PHS
Budget Dates: 08/01/06 - 07/31/07
Direct: $411,227

Improving Safety and Access for Physical Activity
Sponsor: Univ. of South Carolina
Budget Dates: 05/01/07 - 04/30/08
Direct: $8,828

Mechanisms of Hypertension in Chronic Kidney Disease
Sponsor: Univ. of Michigan
Budget Dates: 07/01/06 - 06/30/07
Direct: $4,373

Egede, Leonard
Principal Investigator

Telepsychology-Service Delivery for Depressed Elderly Veterans
Sponsor: VAMC
Budget Dates: 08/01/06 - 07/31/07
Direct: $258,000

Fernandes, Jyotika
Principal Investigator

A Phase 3B, Randomized, Open-Label, Parallel-Group, Multi-Center Trial Assessing the Efficacy of Exubera vs. Lispro Introduced into a Lantus Based Regimen in Suboptimally Controlled Patients with Type 2 Diabetes Mellitus
Sponsor: Pfizer, Inc.
Budget Dates: 08/15/06 - 08/14/07
Direct: $75,704

SC COBRE for Oral Health-Core C - Clinical
Pl: Steven London
Sponsor: NIH/NCRR
Total: $318,672

SC COBRE for Oral Health - Project 1
Pl: Steven London
Sponsor: NIH/NCRR
Total: $51,086
Fernandes, Valerian

Principal Investigator

The ACUITY Trial: A Randomized Comparison of Angiomax (Bivalirudin) Versus Lovenox/Clexane (Enoxaparin) in Patients Undergoing Early Invasive Management for Acute Coronary Syndromes without ST-Segment Elevation

Sponsor: The Medicines Co.  
Budget Dates: 09/24/03 - 11/30/06  
Direct: $6,080

Award: TMC-BIV-02-08 (03062604)  
Project Dates: 09/24/03 - 11/30/06  
F & A: $1,520

Flume, Patrick

Principal Investigator

Venticute (rSP-C Surfactant) in Patients with Pneumonia or Aspiration of Gastric Contents Leading to Intubation, Mechanical Ventilation, and Severe Oxygenation Impairment (VALID Study)

Sponsor: Omni Care  
Budget Dates: 05/20/04 - 06/30/08  
Direct: $35,640

Award: BY2001/M1-007 (04052101)  
Project Dates: 05/24/04 - 06/30/08  
F & A: $8,910

A Study of the Safety and Pharmacokinetics of 552-02 Following Four Days of Dosing by Inhalation in Patients with Cystic Fibrosis

Sponsor: Parion Sciences, Inc.  
Budget Dates: 11/28/05 - 08/31/07  
Direct: $3,046

Award: 552-203 (05121219)  
Project Dates: 11/28/05 - 08/31/07  
F & A: $761

Cystic Fibrosis Foundation Patient Registry - Core Center MUSC

Sponsor: Cystic Fibrosis Fdn.  
Budget Dates: 07/01/06 - 06/30/07  
Direct: $73,170

Award: C104-06 (06080128)  
Project Dates: 07/01/06 - 06/30/07  
F & A: $0

Clinical Research Facilitation Award

Sponsor: Cystic Fibrosis Fdn.  
Budget Dates: 01/01/05 - 06/30/07  
Direct: $123,900

Award: 2001-001 (05041295)  
Project Dates: 01/01/05 - 06/30/07  
F & A: $30,975

Frei-Lahr, Debra

Principal Investigator

A Phase II, Double-Blind, Placebo-Controlled Trial to Assess Safety and Efficacy of Velafermin for Prevention of Oral Mucositis in Hematologic Cancer Patients Receiving Autologous Stem Cell Transplant

Sponsor: PPD Development  
Budget Dates: 06/05/06 - 06/04/09  
Direct: $8,644

Award: CG53135-CLN-12 (06060953)  
Project Dates: 06/05/06 - 06/04/09  
F & A: $2,161

Gaines, David

Co-Investigator

Quantitative and Qualitative Assessment During an Upper Endoscopy Procedure of the Oxygen Delivery System within the Smarter Bite Block 02 Convenience Set

Pl: Frank Overdyk  
Sponsor: Oridion Capnography, Inc.  
Total: $19,811

Dept: Anesthesia and Perioperative Medicine  
Award: D00602 (06052374-1)
Garnovskaya, Maria  

**Principal Investigator**  

**Metalloproteinases and Epidermal Growth Factor Receptor Transactivation by the Bradykinin B2 Receptor in Kidney Cells**  

**Sponsor:** Amer. Heart Assoc.  
**Budget Dates:** 07/01/06 - 06/30/07  
**Direct:** $60,000  
**Award:** 0655445U (06011103)  
**Project Dates:** 07/01/06 - 06/30/08  
**F & A:** $6,000  

**Early Regulation of the Retinoblastoma Gene Product in Vascular Smooth Muscle Cells**  

**Sponsor:** VAMC  
**Budget Dates:** 04/01/07 - 03/31/08  
**Direct:** $212,006  
**Award:** 06062404  
**Project Dates:** 04/01/06 - 03/31/10  
**F & A:** 0  

Gilkeson, Gary  

**Principal Investigator**  

**LCTC Participating Center**  

**Sponsor:** Lupus Clinical Trials Consortium  
**Budget Dates:** 01/15/06 - 12/31/07  
**Direct:** $37,500  
**Award:** 03002007  
**Project Dates:** 01/15/04 - 12/31/07  
**F & A:** 0  

**Training Grant in Inflammatory and Fibrosing Diseases**  

**Sponsor:** NIH/NIAMS  
**Budget Dates:** 07/01/06 - 06/30/07  
**Direct:** $168,844  
**Award:** 5 T32 AR050958-02 (04050602)  
**Project Dates:** 07/01/05 - 06/30/07  
**F & A:** 11,976  

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

**Sponsor:** VAMC  
**Budget Dates:** 10/01/05 - 09/30/09  
**Direct:** $125,000  
**Award:** 06062405  
**Project Dates:** 10/01/05 - 09/30/07  
**F & A:** 0  

**Complement in the Pathogenesis of Autoimmune Arthritis**  

**Sponsor:** Univ. of Colorado  
**Budget Dates:** 09/01/04 - 08/31/07  
**Direct:** $37,107  
**Award:** FY07.090.010 Amrd 2 (06080747)  
**Project Dates:** 09/01/04 - 08/31/07  
**F & A:** 9,648  

**Vitamin D in Lupus**  

**Sponsor:** Albert Einstein Coll. of Med.  
**Budget Dates:** 02/01/07 - 01/31/09  
**Direct:** $51,717  
**Award:** 06081473  
**Project Dates:** 02/01/07 - 01/31/09  
**F & A:** 4,137  

**Nitric Oxide in Systemic Lupus Erythematosus - Parent**  

**Sponsor:** NIH/NIAMS  
**Budget Dates:** 03/01/07 - 02/29/08  
**Direct:** $255,618  
**Award:** 05 R01 AR045476-08 (07011147)  
**Project Dates:** 03/01/07 - 02/29/08  
**F & A:** 63,244  

**A Phase 3, Multi-Center, Randomized, Double-Blind, Placebo-Controlled, 76-Week Study to Evaluate the Efficacy and Safety of Belimumab (HGS1006, LymphoStat-B), Fully Human Monoclonal Anti-BLyS Antibody, in Subjects with Systemic Lupus Erythematosus (SLE)**  

**Sponsor:** Kendle Research Assoc.  
**Budget Dates:** 02/22/07 - 02/28/11  
**Direct:** $120,200  
**Award:** HGS1006-C1056 (07022885)  
**Project Dates:** 02/22/07 - 02/28/11  
**F & A:** 29,425  

**A Phase I, Randomized, Double-Blind, Placebo-Controlled, Escalating Single-and-Multiple-Dose Study of the Safety, Tolerability, and Pharmacokinetics of rhuMab IFNalpha in Adults with Mildly Active Systemic Lupus Erythematosus**  

**Sponsor:** Genentech, Inc.  
**Budget Dates:** 03/14/07 - 06/30/09  
**Direct:** $113,485  
**Award:** IFN3958g (07031359)  
**Project Dates:** 03/14/07 - 06/30/09  
**F & A:** 27,746  

**Co-PI/Project Leader**  

**Complement Inhibitory Therapy of Lupus**  

**PI:** Stephen Tomlinson  
**Dept:** Microbiology and Immunology  
**Sponsor:** DOD  
**Award:** W81XWH-07-1-0161 (06051858-1)  
**Total:** $148,383  

**NIAMS Clinical Research Center for Rheumatoid Disease - Project C**  

**PI:** Richard Silver  
**Dept:** Medicine  
**Sponsor:** NIH/NIAMS  
**Award:** 5 P60 AR049459-05 (07012622-7)  
**Total:** $144,654  

**Co-Investigator**  

**Inflammatory Mediators of Glomerular Disease (REAP)**  

**PI:** John Raymond  
**Dept:** Medicine  
**Sponsor:** VAMC  
**Award:** 05060630-3  
**Total:** $250,000  

**Continuation of the Consortium for the Longitudinal Evaluation of African-Americans with Early Rheumatoid Arthritis (CLEAR)**  

**PI:** Edwin Smith  
**Dept:** Medicine  
**Sponsor:** Univ. of Alabama, Birmingham  
**Total:** $32,669  

**Award:** (06041460-1)  

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Annual Report for Research FY2007  

Page 61
### Glenn, James

**Principal Investigator**

**AutoCapture vs. Capture Management Evaluation**

- **Sponsor:** St. Jude Medical, Inc.
- **Budget Dates:** 10/01/04 - 12/31/07
- **Direct:** $240

**A Randomized, Placebo-Controlled, Parallel, Phase II Study of the Efficacy of ATI-2042 in Subjects with Paroxysmal Atrial Fibrillation - ATI-2042-CLN-205**

- **Sponsor:** ARYx Therapeutics, Inc.
- **Budget Dates:** 12/01/06 - 12/31/08
- **Direct:** $94,328

### Gold, Michael

**Principal Investigator**

**Study for Atrial Fibrillation Reduction Investigational Plan SAFARI**

- **Sponsor:** Viatron
- **Budget Dates:** 09/01/02 - 12/31/07
- **Direct:** $480

**Educational Grant in Support of an EP Fellowship**

- **Sponsor:** Medtronic, Inc.
- **Budget Dates:** 10/01/02 - 06/30/07
- **Direct:** $138,889

**Device Evaluation of Contak Renewal 2 and Easytrak 2: Assessment of Safety and Effectiveness, (Decrease-HF)**

- **Sponsor:** Guidant
- **Budget Dates:** 04/01/03 - 12/31/06
- **Direct:** $12,240

**REVERSE: Resynchronization Reverses Remodeling in Systolic Left Ventricular Dysfunction**

- **Sponsor:** Medtronic, Inc.
- **Budget Dates:** 04/09/2202
- **Direct:** $13,568

**Clinical Partners in Excellence Program**

- **Sponsor:** St. Jude Medical, Inc.
- **Budget Dates:** 04/09/04 - 09/08/07
- **Direct:** $6,559

**First Arrhythmia Collection of Tranvenous and Simultaneous Subcutaneous Implantable Defibrillator (S-ICD) Data: The FACTS S-ICD Study**

- **Sponsor:** Cameron Health, Inc.
- **Budget Dates:** 04/01/05 - 12/31/07
- **Direct:** $1,200

**HEAL-HF Hemodynamic Assessment for Optimal Left Heart Lead Placement for Heart Failure Enabled by Magnetic Navigation**

- **Sponsor:** Stereotaxis, Inc.
- **Budget Dates:** 03/20/07 - 12/31/10
- **Direct:** $41,900

### Gomez, Juanmanuel

**Co-Investigator**

**Ryan White Title II Funds**

- **Pl:** J. Cantey
- **Dept:** Medicine
- **Sponsor:** SC DHEC
- **Total:** $917,539

**Ryan White Title II Funds**

- **Pl:** J. Cantey
- **Dept:** Medicine
- **Sponsor:** SC DHEC
- **Total:** $465,936

### Gong, Yong-Zhong

**Co-Investigator**

**Role of Ets Genes in Transformation and Differentiation - Project 3**

- **Pl:** Dennis Watson
- **Dept:** Pathology and Laboratory Medicine
- **Sponsor:** NIH/NCI
- **Total:** $180,491

### Gooz, Monika

**Principal Investigator**

**Crosstalk among Growth Factors, ADAMs and Integrins**

- **Sponsor:** NIH/NIDDK
- **Budget Dates:** 06/01/05 - 05/31/06
- **Direct:** $94,300

**Crosstalk among Growth Factors, ADAMs and Integrins**

- **Sponsor:** Dialysis Clinics, Inc.
- **Budget Dates:** 04/01/07 - 03/31/08
- **Direct:** $10,000

**Crosstalk among Growth Factors, ADAMs and Integrins**

- **Sponsor:** NIH/NIDDK
- **Budget Dates:** 06/01/05 - 05/31/06
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<td>Blinded Observational Outcomes Study of PRIME ECG in the Emergency Department</td>
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<td>Pulmonary Arterial Hypertension Quality Enhancement Research Initiative</td>
<td>MD Primer, Inc.</td>
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<td>Pulmonary Hypertension Curricula: Information on How to Recognize, Diagnose and Treat Pulmonary Hypertension</td>
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<td>Registry To Evaluate Early and Long-Term Pulmonary Arterial Hypertension (PAH) Disease Management (REVEAL Registry)</td>
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<td>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</td>
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<td>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</td>
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<td>A Pharmacokinetic Study of UT-15C in Subjects with Pulmonary Arterial Hypertension</td>
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<td>Phase II: Comparative, Pharmacokinetic and Pharmacodynamic Study of Epoetin Alfa (Procrit) in Anemic Critically Ill Patients Randomized to One of Six Dose Regimens for 15 Days</td>
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**Total:** $447,585
Inhaled Iloprost for Sarcoidosis Associated with Pulmonary Hypertension  
**PI:** Marc Judson  
**Sponsor:** Actelion Pharmaceuticals  
**Total:** $56,589

### Hoffman, Brenda

**Principal Investigator**

**Inhaled Iloprost for Sarcoidosis Associated with Pulmonary Hypertension**  
Pl: Marc Judson  
Sponsor: Actelion Pharmaceuticals  
Total: $56,589

### Hoffman, Stanley

**Principal Investigator**

**PKCepsilon-Related Proteins in Lung Fibrosis**  
Pl: Marc Judson  
Sponsor: NIH/NHLBI  
Total: $244,125

### Huang, Yan

**Principal Investigator**

**Diabetes and Periodontal Gene Expression**  
Pl: Mei Beon  
Sponsor: NIH/NIDCR  
Total: $203,808
**Diabetes and the Stability of Atherosclerotic**
Sponsor: VAMC
Award: (07063036)

**Lipoproteins, CTGF and Diabetic Vascular and Renal Disease**
Sponsor: NIH/NHLBI
Award: 5 R01 HL077192-02 (06121328)

**Short Term Research Training for Health Professional Students**
Sponsor: NIH/NIDDK
Award: 5 T35 DK007431-23 (07021937)

**Role of Ubiquitination in Cardioprotection During Early Pressure Overload Hypertrophy**
Sponsor: Amer. Heart Assoc.
Award: 0615468U (06011316)

**Studies on the Role of the Bradykinin-Forming Cascade in Hereditary Angioedema**
Sponsor: Lev Pharmaceuticals, Inc.
Award: (05082578)

**A 21-Week, Single-Blind, Placebo-Controlled Study to Assess the Efficacy and Safety of Xolair (Omalizumab) as a Treatment for Chronic Autoimmune Urticaria**
Sponsor: Natl Allergy, Asthma and Urticaria Centers of Char
Award: CIGE026AUS16 (06092880)

**A Randomized, Double-Blind, Placebo Controlled Trial of Caspofungin Prophylaxis Followed by Pre-Emptive Therapy for Invasive Candidiasis in High-Risk Adults in the Critical Care Setting**
Sponsor: Merck
Award: CANDICAS (07032196)

**The Efficacy and Safety of CC-10004 in Chronic Cutaneous Sarcoidosis**
Sponsor: Celgene Corp.
Award: CC-10004 (07040230)

**The Role of Vitamin D in Systemic Lupus Erythematosus - Physician Scientist Development Award**
Sponsor: ACR Research and Education Fdn.
Award: (05072792)

**Lupus Biomarkers Database Support**
Sponsor: Lupus Fdn.
Award: (06122770)

**Vitamin D in Lupus**
PI: Gary Gilkeson
Dept: Medicine
Sponsor: Albert Einstein Coll. of Med.
Award: (06081473-1)
Kneuper-Hall, Rayna

**Principal Investigator**

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

**Sponsor:** PPD Development  
**Budget Dates:** 06/18/06 - 05/31/09  
**Direct:** $76,944

**A Dose-Escalating, Multi-Center, Single-Arm, Open-Label Study of XRP9881 in Combination with Capecitabine (Xeloda), in Metastatic Breast Cancer Patients with Disease Progressing after Anthracycline and Taxane Therapy**

**Sponsor:** Sanofi-Aventis US, Inc.  
**Budget Dates:** 09/27/06 - 09/26/08  
**Direct:** $147,623

Komlosi, Peter

**Principal Investigator**

**Paramacular Signaling to the Juxtaglomerular Vasculature**

**Sponsor:** Amer. Heart Assoc.  
**Budget Dates:** 07/01/06 - 12/31/06  
**Direct:** $89,190

Kraft, Andrew

**Principal Investigator**

**Oncology Center: Hollings Cancer Translational Research Core Development Grant**

**Sponsor:** DOE  
**Budget Dates:** 07/01/05 - 08/31/07  
**Direct:** $226,605

**Pim Protein Kinase-Levels Correlate with Prostate Tumor Growth and Chemo-Resistance - Potential Mechanisms of Pim Action**

**Sponsor:** DOD/US Army  
**Budget Dates:** 11/30/06 - 11/29/07  
**Direct:** $130,087

**MUSC Drug Discovery Facility**

**Sponsor:** Natl. Inst. of Standards and Technology  
**Budget Dates:** 10/01/06 - 09/30/07  
**Direct:** $7,211,029

**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:** $560
Translational Research on Cancer Control and Related Therapy: Analysis of Human Beta Defensin–1 Regulation in Prostate Cancer  
Sponsor: Science Applications Intl. Corp.  
Award: GC-3319-05-44598CM (05110129)  
Budget Dates: 12/15/05 - 08/15/06  
Project Dates: 12/15/05 - 08/15/06  
Direct: $115,005  
F & A: $52,902

Center for Bioengineering and Cancer Genomics Research  
Sponsor: Natl. Inst. of Standards and Technology  
Award: 60NANB6D6150 (06041458)  
Budget Dates: 10/01/06 - 09/30/08  
Project Dates: 10/01/06 - 09/30/08  
Direct: $7,897,824  
F & A: $0

A Phase 2, Multi-Center, Open-Label Study of CNTO 328 (Anti-IL-6 Monoclonal Antibody) in Combination with Mitoxantrone versus Mitoxantrone in Subjects with Metastatic Hormone-Refractory Prostate Cancer (HRPC)  
Sponsor: Johnson and Johnson  
Award: C0328T03 (06100393)  
Budget Dates: 09/27/06 - 11/26/10  
Project Dates: 09/27/06 - 11/26/10  
Direct: $282,560  
F & A: $69,640

A Randomized, Double-Blind, Multi-Center Study of Denosumab Compared with Zoledronic Acid (Zometa) in the Treatment of Bone Metastases in Subjects with Advanced Cancer (Excluding Breast and Prostate Cancers) or Multiple Myeloma  
Sponsor: Amgen  
Award: 20050244 (06110110)  
Budget Dates: 11/01/06 - 11/01/10  
Project Dates: 11/01/06 - 11/01/10  
Direct: $104,070  
F & A: $25,018

Mechanisms by Which Proteasome Enhance Apoptosis  
Sponsor: NIH/NCI  
Award: 5 R01 CA104710-05 (07011044)  
Budget Dates: 03/01/07 - 02/29/08  
Project Dates: 03/01/07 - 02/29/08  
Direct: $155,502  
F & A: $71,531

A Phase 1/2, Open-Label, Dose Escalation Study to Assess the Safety and Pharmacokinetics of Recombinant Interleukin 21 (rIL-21) Administered Concomitantly with Sorafenib (Nexavar) in Subjects with Metastatic Renal Cell Carcinoma  
Sponsor: Zymogenetic  
Award: 494F01 (07050764)  
Budget Dates: 05/16/07 - 05/15/15  
Project Dates: 05/16/07 - 05/15/15  
Direct: $158,456  
F & A: $38,864

A Multi-Center, Phase II, Randomized, Double-Blind, Placebo-Controlled Trial Evaluating the Efficacy and Safety of Sunitibin with or without Bevacizumab in First-Line Patients with Metastatic Renal Cell Cancer  
Sponsor: Genentech, Inc.  
Award: AVF4167G (07050765)  
Budget Dates: 05/25/07 - 05/24/15  
Project Dates: 05/25/07 - 05/24/15  
Direct: $277,304  
F & A: $68,576
Lawrence, Christopher

**Principal Investigator**

**Pilot Study of the Efficacy and Tolerability of Duloxetine in Patients with Suspected Functional Pancreatic/Biliary Pain (Sphincter of Oddi Dysfunction - SOD)**

**Sponsor:** Lilly Research Laboratories  
**Budget Dates:** 09/01/06 - 08/31/08  
**Direct:** $82,400  
**Award:** F1J-MC-X038 (06053118)  
**Project Dates:** 09/01/06 - 08/31/08  
**F & A:** $20,600

Leman, Robert

**Principal Investigator**

**Alternans before Cardioverter Defibrillator Trial**

**Sponsor:** St. Jude Medical, Inc.  
**Budget Dates:** 03/31/02 - 10/01/06  
**Direct:** $1,960  
**Award:** (02043001)  
**Project Dates:** 03/31/02 - 10/01/06  
**F & A:** $490

A Placebo-Controlled, Double-Blind, Parallel-Arm Trial to Assess the Efficacy of Dronaderone 400 mg bid for the Prevention of Cardiovascular Hospitalization or Death from any Cause in Patients with Atrial Fibrillation/Atrial Flutter (AF/AFL) ATHENA

**Sponsor:** Sanofi Synthelabo, Inc.  
**Budget Dates:** 09/09/05 - 12/31/08  
**Direct:** $1,920  
**Award:** EFC5555 (05081965)  
**Project Dates:** 09/09/05 - 12/31/08  
**F & A:** $480

Optimum Lead Insulation Material Registry

**Sponsor:** St. Jude Medical, Inc.  
**Budget Dates:** 04/02/07 - 12/31/12  
**Direct:** $17,900  
**Award:** OPTIMUM (07032089)  
**Project Dates:** 04/02/07 - 12/31/12  
**F & A:** $3,850

Lopes-Virella, Maria

**Principal Investigator**

**Markers and Mechanisms of Vascular Disease in Diabetes - GSK - Oklahoma Subcontract Lyons - MLV**

**Sponsor:** Univ. of Oklahoma  
**Budget Dates:** 11/10/06 - 11/09/07  
**Direct:** $103,000  
**Award:** RS20040268-04 (06121842)  
**Project Dates:** 11/10/06 - 11/09/07  
**F & A:** $15,450

Immune Mechanisms of Nephropathy in Type 1 Diabetes

**Sponsor:** Juvenile Diabetes Fdn.  
**Budget Dates:** 03/01/06 - 02/28/09  
**Direct:** $150,000  
**Award:** 1-2006-49 (07010494)  
**Project Dates:** 03/01/06 - 02/28/09  
**F & A:** $15,000

Lipoprotein Metabolism and Cell Lipoprotein in Diabetes Mellitus

**Sponsor:** VAMC  
**Budget Dates:** 10/01/07 - 09/30/11  
**Direct:** $38,900  
**Award:** (07063038)  
**Project Dates:** 10/01/07 - 09/30/11  
**F & A:** $0

Co-Investigator

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

**Pl:** Ayad Jaffa  
**Dept:** Medicine  
**Sponsor:** NIH/NHLBI  
**Award:** 5 R01 HL077192-02 (06121328-1)  
**Total:** $242,750

**Sphingolipid Signaling Induced by LDL Immune Complexes**

**Pl:** Samar Hammad  
**Dept:** Cell Biology and Anatomy  
**Sponsor:** NIH/NHLBI  
**Award:** 5 R01 HL079274-02 (07021636-1)  
**Total:** $194,200

Luttrell, Louis

**Principal Investigator**

**Tyrosine Kinases in G Protein Mediated Signaling**

**Sponsor:** NIH/NIDDK  
**Budget Dates:** 08/01/06 - 07/31/08  
**Direct:** $193,347  
**Award:** 5 R01 DK055524-10 (04070603)  
**Project Dates:** 08/01/06 - 07/31/08  
**F & A:** $50,270

Maniu, Calin

**Principal Investigator**

**A Randomized, Double-Blind, Triple-Dummy, Dose-Ranging Study, Including an Active Control of Unfractionated Heparin and Eptifibatide, to Evaluate the Clinical Efficacy and Safety of Otamixaban, in Patients with Non-ST Elevation Acute Coronary Syndrome and Planned Early Invasive Strategy**

**Sponsor:** Sanofi-Aventis US, Inc.  
**Budget Dates:** 11/07/06 - 12/31/09  
**Direct:** $71,000  
**Award:** DR6624 (06120715)  
**Project Dates:** 11/07/06 - 12/31/09  
**F & A:** $17,000

Mao, Cungui

**Principal Investigator**

**Alkaline Ceramidase and Sphingolipid Signaling**

**Sponsor:** NIH/NCI  
**Budget Dates:** 05/01/07 - 04/30/08  
**Direct:** $149,339  
**Award:** 5 R01 CA104834-04 (07030107)  
**Project Dates:** 07/01/04 - 04/30/08  
**F & A:** $68,696

Co-PI/Project Leader

**SC COBRE in Lipidomics and Pathobiology: Project 5 - Human Alkaline Phytoceramidase Regulation of Angiogenesis**

**Pl:** Lina Obeid  
**Dept:** Biochemistry and Molecular Biology  
**Sponsor:** NIH/NCCR  
**Award:** 5 P20 RR017677-05 (05062082-24)  
**Total:** $49,000
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<tr>
<th>Co-PI/Project Leader</th>
<th>Load-Induced Cardiac Hypertrophy in the Adult Mammal: Core D - Gene Transfer Core</th>
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<tbody>
<tr>
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<th>Load-Induced Cardiac Hypertrophy in the Adult Mammal: Project 1 - Translational Regulation of Cardiocyte Protein Synthesis</th>
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<th>Co-Investigator</th>
<th>Load-Induced Cardiac Hypertrophy in the Adult Mammal: Project 2 - Mechanisms of Heterogenous Remodeling in Myocardial Infarction</th>
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<th>Co-PI/Project Leader</th>
<th>Load-Induced Cardiac Hypertrophy in the Adult Mammal: Project 3 - Cardiac Na+-Ca++ Exchanger Hypertrophic Regulation</th>
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<th>Training to Improve Cardiovascular Drug Therapy</th>
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<tr>
<td>Name</td>
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<th>Summer Research Program for Minority Medical Students</th>
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<tr>
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<th>Environmental Biosciences Program - DOE Program Management</th>
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<tbody>
<tr>
<td>Name</td>
<td>Mohr, Jr., Lawrence</td>
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<tr>
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Annual Report for Research FY2007
### Environmental Biosciences Program

**Sponsor:** DOE  
**Budget Dates:** 01/01/07 - 05/31/08  
**Direct:** $684,932  
**Award:** DE-FC09-02CH11109 (07030214)  
**Project Dates:** 06/01/03 - 05/31/08  
**F & A:** $315,068

### Montero, Alberto

**Principal Investigator**

**An Open-Label Study of Capecitabine and Docetaxel as Neoadjuvant Treatment for Patients with Recently Diagnosed HER2-neu Negative Breast Cancer Plus Trastuzumab for HER2-neu Positive Breast Cancer (XeNA Trial)**

- **Sponsor:** Roche Laboratories  
- **Budget Dates:** 09/28/05 - 06/30/10  
- **Direct:** $5,974  
- **Award:** DE-FC09-02CH11109 (07030214)  
- **Project Dates:** 09/28/05 - 06/30/10  
- **F & A:** $1,493

### 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:** $99,700  
- **Award:** SPITIR IV - Protocol 05-3 (06101021)  
- **Project Dates:** 10/20/06 - 05/31/12  
- **F & A:** $24,300

### Nowling, Tamara

**Principal Investigator**

**Regulation of Fli1 Gene Expression in Lupus**

- **Sponsor:** NIH/NIDDK  
- **Budget Dates:** 09/01/06 - 08/31/07  
- **Direct:** $106,098  
- **Award:** 5 K01 DK072306-02 (04092907)  
- **Project Dates:** 09/01/06 - 08/31/07  
- **F & A:** $8,488

### O'Brien, Paul

**Principal Investigator**

**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  
- **Budget Dates:** 03/12/07 - 03/12/11  
- **Direct:** $45,260  
- **Award:** 20050236 (07031573)  
- **Project Dates:** 03/12/07 - 03/12/11  
- **F & A:** $10,190
O'Brien, Terrence

**Principal Investigator**

**A Phase 2, Randomized, Double-Blind, Placebo-Controlled, Exploratory Efficacy Study of Sitaxsentan Sodium Improve Impaired Exercise Tolerance in Subjects with Diastolic Heart Failure**

Sponsor: Encysive Pharmaceuticals

Award: FDHF01 (06040317)  

Budget Dates: 04/19/06 - 12/01/07  

Direct: $ 122,325

**The Cardiac Conduction System as Regulated by Nkx 2.5**

Sponsor: VAMC

Award: (06062414)  

Budget Dates: 04/01/07 - 03/31/08  

Direct: $ 125,000

Oates, James

**Principal Investigator**

**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**

Sponsor: Genentech, Inc.

Award: U2971g (05031487)  

Budget Dates: 03/08/05 - 12/31/09  

Direct: $ 186,918

**An Open-Label, Single-Arm, Multi-Center, Phase II/III, Extension Study to Evaluate the Safety of Rituximab Re-Treatment in Subjects with Moderate to Severe Systemic Lupus Erythematosus Previously Enrolled in Protocol U2971g**

Sponsor: PPD Development

Award: U3393g (06070557)  

Budget Dates: 07/05/06 - 04/01/10  

Direct: $ 211,690

**Rising Single- and Multiple-Dose Safety, Tolerance, and Pharmacokinetic Study of a Monoclonal Antibody against IL-10 (SCH 708980) in Systemic Lupus Erythematosus (SLE) Patients**

Sponsor: Schering-Plough Corp.

Award: P03722-05 (06081680)  

Budget Dates: 08/06/06 - 11/30/08  

Direct: $ 379,322

**Services for Urine Biomarkers of Lupus Nephritis in Aspreva Lupus Management Study**

Sponsor: VAMC

Award: VA247-0-0019 (06091173)  

Budget Dates: 09/15/06 - 08/14/07  

Direct: $ 37,098

**Mechanism of Action Research Project In Association with Studies of Rituximab In Systemic Lupus Erythematosus (U2971g) and Lupus Nephritis (U2970g)**

Sponsor: Genentech, Inc.

Award: U3759g (06110215)  

Budget Dates: 01/05/07 - 12/31/08  

Direct: $ 8,512

Obeid, Lina

**Principal Investigator**

**Regulation of Human Alkaline Ceramidases Role in Cancer Biology**

Sponsor: VAMC

Award: (04063022)  

Budget Dates: 01/01/07 - 12/31/07  

Direct: $ 150,000

**Mitochondrial Ceramide in Chemotherapy-Induced Apoptosis**

Sponsor: NIH/NIA

Award: 5 R01 AG016583-09 (04102914)  

Budget Dates: 09/01/06 - 08/31/07  

Direct: $ 195,300
**Sphingosine Phosphate Role in Inflammation**
Sponsor: NIH/NIGMS  
Award: 5 R01 GM062887-06 (05022894)  
Budget Dates: 09/01/06 - 08/31/07  
Direct: $185,535  
F & A: $85,346

**Obeid, Lina**  
Co-PI/Project Leader  
**Sphingolipids in Cancer Therapy and Angiogenesis, Project 3: Role of Sphingosine Kinase and Sphingosine-1-Phosphate in Tumor Angiogenesis**  
Pl: Yusuf Hannun  
Sponsor: NIH/NCI  
Dept: Biochemistry and Molecular Biology  
Award: 5 P01 CA097132-04 (05061052-1)  
Project Dates: 05/01/01 - 08/31/09  
F & A: $85,346

**Ogawa, Makio**  
Principal Investigator  
**Tissue Reconstituting Potential of Human Stem Cells**  
Sponsor: NIH/NHLBI  
Award: 5 R01 HL075699-03 (07011663)  
Budget Dates: 04/01/07 - 03/31/08  
Direct: $213,341  
F & A: $55,469

**Oswald, Cameron**  
Co-Investigator  
**Ryan White Title II Funds**  
Pl: J. Cantey  
Dept: Medicine  
Award: PO#627457-4 (07022145-1)  
Total: $917,539  
**Ryan White Title II Funds**  
Pl: J. Cantey  
Dept: Medicine  
Award: PO#627457 (07022145-2)  
Total: $465,936

**Pannu, Jaspreet**  
Principal Investigator  
**Role of IGF-I/IGFBP-3 Axis in Scleroderma Fibrosis**  
Sponsor: Scleroderma Fdn.  
Award: (05091211)  
Budget Dates: 01/01/07 - 12/31/07  
Direct: $46,296  
F & A: $3,704

**Parsons, Christopher**  
Principal Investigator  
**An Animal Model for Kaposi’s Sarcoma**  
Sponsor: NIH/NCI  
Award: 7 K08 CA103858-03 (06081685)  
Budget Dates: 09/12/06 - 08/31/07  
Direct: $123,225  
F & A: $9,858

**Ploth, David**  
Principal Investigator  
**Preservation Vascular Access Study (PVAS)**  
Sponsor: Marine Polymer Technologies  
Award: (05072155)  
Budget Dates: 08/15/05 - 12/14/06  
Direct: $128,251  
F & A: $32,063  
**The Role of Ion Channels in Cystic Diseases**  
Sponsor: Dialysis Clinics, Inc.  
Award: C-2618 (06091284)  
Budget Dates: 10/01/06 - 09/30/09  
Direct: $899,308  
F & A: $0  
**Iron Therapy in End Stage Renal Disease and the Role of Urea Transporters**  
Sponsor: Fallon Medica  
Award: CME Award (07031358)  
Budget Dates: 03/01/07 - 04/30/07  
Direct: $7,700  
F & A: $0  
**Medullary Kinins Attenuate the Antinatriuretic Action of Angiotensin II**  
Sponsor: Dialysis Clinics, Inc.  
Award: C2431C (Charleston-Azalea (07040237)  
Budget Dates: 08/01/05 - 08/31/07  
Direct: $16,000  
F & A: $0
Ploth, David  
Co-Investigator  
087-CL-084: A Phase 4, Randomized, Parallel-Group, Multi-Center Study to Assess the Safety and Efficacy of Multiple Dosing Regimens of IV Conivaptan in Subjects with Euvolemic Hyponatremia  
PI: John Arthur  
Sponsor: Astellas Pharma US, Inc.  
Total: $231,480  
Dept: Medicine  
Award: 087-CL-084 (06121432-1)

Powers, Eric  
Principal Investigator  
Interventional Cardiology Fellowship Program  
Sponsor: Cordis A Johnson and Johnson Co.  
Budget Dates: 07/01/06 - 06/30/08  
Direct: $50,000  
F & A: $0

Fractional Flow Reserve Versus Angiography for Multi-Vessel Evaluation  
Sponsor: Radi Medical Systems AB  
Budget Dates: 11/30/06 - 12/31/08  
Direct: $139,500  
F & A: $0

Raymond, John  
Principal Investigator  
Training Grant in Glomerular Function and Disease (Includes Supplement)  
Sponsor: NIH/NIDDK  
Budget Dates: 08/01/06 - 07/31/07  
Direct: $175,009  
F & A: $12,584

Inflammatory Mediators of Glomerular Disease (REAP)  
Sponsor: VAMC  
Budget Dates: 01/01/07 - 12/31/07  
Direct: $250,000  
F & A: $0

Roles for Calmodulin in 5-HT Receptor Function  
Sponsor: VAMC  
Budget Dates: 07/01/06 - 06/30/07  
Direct: $139,500  
F & A: $0

Reshma, David  
Principal Investigator  
Crosstalk among Growth Factors, ADAMs and Integrins  
Sponsor: NIH/NIDDK  
Total: $94,300  
Award: 1 K01 DK070054-01 (04030318-1)

Powers, Eric  
Mentor  
Crosstalk among Growth Factors, ADAMs and Integrins  
Sponsor: NIH/NIDDK  
Total: $98,520  
Award: 5 K01 DK070054-03 (07032814-1)

Reuben, Adrian  
Principal Investigator  
The Early Use of Sanvar with Endoscopic Treatment for the Control of Acute Variceal Bleeding Due to Portal Hypertension  
Sponsor: Debiovision, Inc.  
Budget Dates: 07/05/06 - 08/31/07  
Direct: $43,350  
F & A: $10,838

Efficacy and Safety of Daily Infergen/Ribavirin in Patients with Chronic Hepatitis C Virus Genotype 1 Infection Who Were Partial Responders after Peginterferon alfa/Ribavirin Therapy  
Sponsor: Valeant Pharmaceuticals Intl.  
Budget Dates: 01/23/07 - 03/15/10  
Direct: $70,749  
F & A: $16,937

A Multi-Center Study of Acute Liver Failure in Adults  
Sponsor: UT Southwestern Med. Ctr.  
Budget Dates: 09/01/06 - 08/31/07  
Direct: $13,000  
F & A: $5,980

Romagnuolo, Joseph  
Principal Investigator  
A Comparison of Adhesion Development after Transgastric versus Laparoscopic Colonic Perforation Repair in a Pig Model  
Sponsor: Amer. Society for Gastrointestinal Endoscopy  
Budget Dates: 01/01/07 - 12/31/07  
Direct: $65,337  
F & A: $0

Sahn, Steven  
Principal Investigator  
A Randomized, Double-Blind, Placebo-Controlled, Multi-National, Phase III Study of the Safety and Efficacy of 200 ug Subcutaneous Interferon Gamma-IB (IFN-y-Ib) in Patients with Idiopathic Pulmonary Fibrosis GIPF-007  
Sponsor: Intermune, Inc.  
Budget Dates: 12/02/03 - 06/30/07  
Direct: $399,406  
F & A: $99,852
A Randomized, Double-Blind, Placebo-Controlled, Phase 3, Three-Arm Study of the Safety and Efficacy of Pirfenidone in Patients with Idiopathic Pulmonary Fibrosis
Sponsor: Intermune, Inc.
Budget Dates: 04/01/06 - 12/31/09
Direct: $605,880
F & A: 151,470
Award: PIPF-004 (06041044)
Project Dates: 04/01/06 - 12/31/09

A Randomized, Double-Blind, Placebo-Controlled Study Evaluating the Effects of MN-001 in Subjects with Mild to Moderate Asthma
Sponsor: Pharmaceutical Research Associates
Budget Dates: 03/22/07 - 09/30/08
Direct: $170,550
F & A: 42,013
Award: MN001-CL-004 (07020997)
Project Dates: 03/22/07 - 09/30/08

A Comparison of Ipratropium Bromide/Salbutamol Delivered by the Respimat Inhaler to COMBIVENT Inhalation Aerosol and Ipratropium Bromide Respimat in a 12-Week, Double-Blind, Safety and Efficacy Study in Adults with Chronic Obstructive Pulmonary Disease
Sponsor: Boehringer Ingelheim Pharmaceuticals
Budget Dates: 01/26/07 - 05/31/08
Direct: $131,426
F & A: 31,982
Award: 1012.56 (07022256)
Project Dates: 01/26/07 - 05/31/08

Effects of Bosentan on Morbidity and Mortality in Patients with Idiopathic Pulmonary Fibrosis - A Multi-Center, Double-Blind, Randomized, Placebo-Controlled, Parallel-Group, Event-Driven, Group Sequential, Phase III Study
Sponsor: Actelion Pharmaceuticals
Budget Dates: 03/23/07 - 02/28/09
Direct: $104,616
F & A: 25,404
Award: AC-052-321 BUILD 3 (07032818)
Project Dates: 03/23/07 - 02/28/09

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
Sponsor: Advanced Biologics
Budget Dates: 02/15/07 - 12/31/08
Direct: $46,800
F & A: 11,700
Award: 101.1.C.004 (07032086)
Project Dates: 02/15/07 - 12/31/08

Load-Induced Cardiac Hypertrophy in the Adult Mammal: Core E - Morphology and Molecular Imaging Core
Sponsor: NIH/NHLBI
Budget Dates: 07/01/03 - 06/30/08
Direct: $173,764
F & A: 79,931
Award: 5 P01 HL048788-14 (05053192-18)

Models of DRA Growth Suppression in Colon Cancer
Sponsor: NIH/NCI
Budget Dates: 07/01/06 - 06/30/08
Direct: $173,764
F & A: 79,931
Award: 5 R01 CA095172-04 (05042857)
Project Dates: 07/01/06 - 06/30/08

BUILD 2-OL: Long-Term, Open-Label Study in Patients with Interstitial Lung Disease Associated with Systemic Sclerosis Who Completed the Protocol AC-052-330/BUUILD 2
Sponsor: Actelion Pharmaceuticals
Budget Dates: 10/26/04 - 12/31/06
Direct: $388
F & A: 97
Award: AC-052-332 (04101206)
Project Dates: 10/26/04 - 12/31/06

NIAMS Clinical Research Center for Rheumatoid Disease
Sponsor: NIH/NIAMS
Budget Dates: 04/01/07 - 03/31/08
Direct: $829,074
F & A: 305,628
Award: 5 P60 AR049459-05 (07012622)
Project Dates: 04/01/07 - 03/31/08
Silver, Richard

Mentor
CTGF-Interacting Proteins in Scleroderma Lung Fibrosis
PI: Galina Bogatkevich Sponsor: NIH/NIAMS Total: $ 110,631
Dept: Medicine Award: 5 K01 AR051052-03 (07030839-1)

Silver, Richard

Principal Investigator

Emphasys Medical Endobronchial Valve for Emphysema Palliation Trial (VENT)
Sponsor: Emphasys Medical, Inc. Budget Dates: 10/10/03 - 10/10/08 Direct: $ 110,000
Award: 630-0001-F (03072801) Project Dates: 10/10/03 - 10/10/08 F & A: 27,500

Computer-Aided Cancer Management - Supplement
Sponsor: DOD Budget Dates: 09/01/06 - 08/31/07 Direct: $ 105,870
Award: 3000-0524 (06051531) Project Dates: 09/01/06 - 05/31/07 F & A: 26,468

Co-Investigator
Detection of Occult Mediastinal Lymph Node Metastases
PI: Michael Mitas Sponsor: Mayo Clinic Total: $ 117,892
Dept: Surgery Award: 5 R33 CA097875-05/Amend. (06121434-1)

Silver, Richard

Principal Investigator

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 - 12/31/07 Direct: $ 3,759
Award: PROTOCOLAC-052-333 (04062111) Project Dates: 05/27/04 - 12/31/07 F & A: 940

Continuation of the Consortium for the Longitudinal Evaluation of African-Americans with Early Rheumatoid Arthritis (CLEAR)
Sponsor: Univ. of Alabama, Birmingham Budget Dates: 09/30/06 - 09/29/07 Direct: $ 32,669
Award: (06041460) Project Dates: 09/30/06 - 09/29/07 F & A: 15,028

Multi-Center, Phase II Trial of Oral Type I Bovine Collagen in Scleroderma
Sponsor: Univ. of Tennessee Budget Dates: 05/01/06 - 07/31/07 Direct: $ 8,889
Award: AR92242 (06080850) Project Dates: 05/01/06 - 07/31/07 F & A: 2,311

Phase III, Open-Label Study of a Topical Gel Formulation of Nitroglycerin, MQX-503 in the Treatment and Prevention of Raynaud's Phenomenon
Sponsor: MediQuest Therapeutics, Inc. Budget Dates: 04/01/06 - 03/31/08 Direct: $ 17,660
Award: 06-002 (06092542) Project Dates: 04/01/06 - 03/31/08 F & A: 3,790

Smolka, Adam

Principal Investigator

Diagnosis of Esophageal Carcinomas by Plasma Mass Spectrometry
Sponsor: AstraZeneca Budget Dates: 03/22/07 - 09/30/08 Direct: $ 94,734
Award: IRUSEOM0517 (06111649) Project Dates: 03/22/07 - 09/30/08 F & A: 22,934

Mechanisms of H Pylori-Induced Hypochlorhydria
Sponsor: NIH/NIDDK Budget Dates: 03/01/07 - 02/29/08 Direct: $ 175,878
Award: 5 R01 DK064371-03 (07011259) Project Dates: 03/01/07 - 02/29/08 F & A: 79,102

Soule, Jeremy

Principal Investigator

Glycemic Control and Complications in Diabetes Mellitus Type 2
Sponsor: VAMC Budget Dates: 12/01/06 - 11/30/07 Direct: $ 173,334
Award: (06062416) Project Dates: 12/01/06 - 11/30/07 F & A: 0
Stenbit, Antine

**Principal Investigator**

**Localization and Function of the nNOS/Alpha Syntrophin Complex in the Heart**

- Sponsor: Amer. Heart Assoc.
- Award: 0535043N (06041046)
- Project Dates: 07/01/05 - 06/30/09
- F & A: 0

Strange, Charlie

**Principal Investigator**

**Phase II: Comparative, Pharmacokinetic and Pharmacodynamic Study of Epoetin Alfa (Procrit) in Anemic Critically Ill Patients Randomized to One of Six Dose Regimens for 15 Days**

- Sponsor: Ortho Biotech
- Award: PR02-33-048 (04031501)
- Project Dates: 02/22/04 - 02/29/06
- F & A: 16,441

**Alpha-1 Association Genetic Counseling Center**

- Sponsor: Alpha-1 Assoc.
- Award: 10-14398-99-01-S1 (07031577)
- Project Dates: 01/01/06 - 12/31/08
- F & A: 5,524

Stuart, Robert

**Principal Investigator**

**A Phase II Trial of Cloretazine for Elderly Patients with De Novo Poor Risk Acute Myelogenous Leukemia (AML)**

- Sponsor: Vion Pharmaceuticals, Inc.
- Award: CLI-043 (06051128)
- Project Dates: 05/11/06 - 04/30/09
- F & A: 600

**A Randomized, Blinded, Multi-Center Study of Proteinase 3 PRI Peptide Mixed with Montanide ISA-51 VG Adjuvant and Administered with GM-CSF in Elderly Patients with AML in First Complete Remission or Adults in Second Complete Remission: A Pivotal Study**

- Sponsor: i3 Research
- Award: PR1-104 (06072196)
- Project Dates: 11/29/06 - 11/29/09
- F & A: 22,660

**Examination of PNH, by Level of CD59 on Red and White Blood Cells, in Bone Marrow Syndromes (EXPLORE)**

- Sponsor: Quintiles Pacific, Inc.
- Award: 280 (06121540)
- Project Dates: 06/12/07 - 06/12/09
- F & A: 49,595

**A Phase I, Dose-Escalation Study of R115777 (Tipifarnib) Plus PS-341 (Bortezomib) in Relapsed or Refractory Acute Leukemias**

- Sponsor: Amgen
- Award: 20060131-248 (07042728)
- Project Dates: 05/08/07 - 05/08/12
- F & A: 20,875

**A Randomized, Controlled, Open-Label Study Evaluating the Efficacy and Tolerability of AMG 531 versus Medical Standard of Care as Chronic Therapy for Non-Splenectomized Subjects with Immune (Idiopathic) Thrombocytopenic Purpura**

- Sponsor: Amgen
- Award: 20060131-248 (07042728)
- Project Dates: 05/08/07 - 05/08/12
- F & A: 20,875
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

**Sponsor:** Medimmune, Inc.  
**Budget Dates:** 05/15/07 - 05/30/12  
**Direct:** $145,906  
**Award:** MI-CP137 (07051601)  
**Project Dates:** 05/15/07 - 05/30/12  
**F & A:** $35,852

Sturdivant, Rachel  
**Principal Investigator**

Open-Label, Extension Study Evaluating the Long-Term Safety, Tolerability and Efficacy of an Iron Maintenance Dosing Strategy Utilizing Intravenous VIT-45 in the Treatment of Anemia in Non-Dialysis Dependent (NDD) Chronic Kidney Disease (CKD)

**Sponsor:** Luitpold Pharmaceuticals, Inc.  
**Budget Dates:** 07/03/06 - 10/01/07  
**Direct:** $31,400  
**Award:** 1VIT05005 (06061576)  
**Project Dates:** 07/03/06 - 10/01/07  
**F & A:** $7,850

Tholanikunnel, Baby  
**Principal Investigator**

Translational Control of Beta 2 Adrenergic Receptor mRNA

**Sponsor:** Amer. Heart Assoc./Mid-Atlantic  
**Budget Dates:** 07/01/06 - 06/30/07  
**Direct:** $60,000  
**Award:** 0555470U (05011255)  
**Project Dates:** 07/01/05 - 06/30/07  
**F & A:** $6,000

Trojanowska, Maria  
**Principal Investigator**

Fibrosis: Molecular Basis of Fibroblast Activation

**Sponsor:** NIH/NIAMS  
**Budget Dates:** 04/01/07 - 03/31/08  
**Direct:** $169,724  
**Award:** 5 R01 AR042334-13 (07012933)  
**Project Dates:** 08/10/94 - 03/31/08  
**F & A:** $78,073

**Co-PI/Project Leader**

mTOR and the Regulation of Collagen Synthesis (Postdoctoral Fellowship)

**PI:** Andreea Bujor  
**Dept:** Medicine  
**Sponsor:** Arthritis Fdn.  
**Award:** (05082580-1)  
**Total:** $50,000

NIAMS Clinical Research Center for Rheumatoid Disease - Project A

**PI:** Richard Silver  
**Dept:** Medicine  
**Sponsor:** NIH/NIAMS  
**Award:** 5 P60 AR049459-05 (07012622-5)  
**Total:** $134,930

Role of Ets Genes in Transformation and Differentiation - Project 3

**PI:** Dennis Watson  
**Dept:** Pathology and Laboratory Medicine  
**Sponsor:** NIH/NCI  
**Award:** 5 P01 CA078582-08 (07022773-7)  
**Total:** $180,491

**Co-Investigator**

Lipoproteins, CTGF and Diabetic Vascular and Renal Disease

**PI:** Ayad Jaffa  
**Dept:** Medicine  
**Sponsor:** NIH/NHLBI  
**Award:** 5 R01 HL077192-02 (06121328-1)  
**Total:** $242,750

Mechanisms of H Pylori-Induced Hypochlorhydria

**PI:** Adam Smolka  
**Dept:** Medicine  
**Sponsor:** NIH/NIDDK  
**Award:** 5 R01 DK064371-03 (07011259-1)  
**Total:** $175,878

VHL and FGFR Signaling in Angiogenesis

**PI:** Tien Hsu  
**Dept:** Pathology and Laboratory Medicine  
**Sponsor:** NIH/NCI  
**Award:** 5 R01 CA109860-04 (07022775-1)  
**Total:** $194,378

Ullian, Michael  
**Principal Investigator**

Regulation of AT1 and AT2 Angiotensin AT1 Receptors by Thiol-Containing Antioxidants

**Sponsor:** Dialysis Clinics, Inc.  
**Budget Dates:** 01/01/07 - 12/31/08  
**Direct:** $181,782  
**Award:** C-2654 (Chas-Magnolia Ct) (06113095)  
**Project Dates:** 01/01/07 - 12/31/08  
**F & A:** 0

Ulozas, Erlandas  
**Co-Investigator**

Open-Label, Extension Study Evaluating the Long-Term Safety, Tolerability and Efficacy of an Iron Maintenance Dosing Strategy Utilizing Intravenous VIT-45 in the Treatment of Anemia in Non-Dialysis Dependent (NDD) Chronic Kidney Disease (CKD)

**PI:** Rachel Sturdivant  
**Dept:** Medicine  
**Sponsor:** Luitpold Pharmaceuticals, Inc.  
**Total:** $31,400  
**Award:** 1VITO5005 (06061576-1)
Van Bakel, Adrian

Principal Investigator
A 24-Month, Multi-Center, Randomized, Open-Label, Non-Inferiority Study of Efficacy and Safety Comparing Two Exposures of Concentration-Controlled Study Drug in De Novo Heart Transplant Recipients
Sponsor: Novartis Corp.
Award: CRADD001A2310 (05120294)
Budget Dates: 09/01/05 - 04/30/10 Direct: $394,587 F & A: 98,847

Transplant-Eligible Patient Management for Congestive Heart Failure (TMAC) with Continuous Infusion of Placebo or Nesiritide
Sponsor: PPD Development
Award: A051 (06081470)
Budget Dates: 07/11/06 - 09/30/08 Direct: $142,920 F & A: 35,730

Medtronic Chronic ICD Implantable Cardioverter Defibrillator Clinical Investigational Plan
Sponsor: Medtronic, Inc.
Award: REDUCEHf/Chronical ICD (06091174)
Budget Dates: 09/21/06 - 12/31/09 Direct: $63,176 F & A: 15,044

Transplant-Eligible Patient Management for Congestive Heart Failure (TMAC) with Continuous Infusion of Placebo or Nesiritide
Sponsor: PPD Development
Award: A051 (06081470)
Budget Dates: 07/11/06 - 09/30/08 Direct: $142,920 F & A: 35,730

Sample Collection for the Performance Evaluation of Roche Total Mycophenolic Acid Assay on Integra Systems
Sponsor: Roche Diagnostics Corporation
Award: B06 I002a (06091905)
Budget Dates: 09/21/06 - 12/31/07 Direct: $24,500 F & A: 5,500

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.
Award: CKI-301 (06102684)
Budget Dates: 12/06/06 - 08/31/10 Direct: $66,500 F & A: 16,000

A Double-Blind, Randomized, Placebo-Controlled, Multi-Center Study to Assess the Efficacy and Safety of Darbopoetin Alfa Treatment on Mortality and Morbidity in Heart Failure (HF) Subject with Symptomatic Left Ventricular Systolic Dysfunction and Anemia
Sponsor: Quintiles Pacific, Inc.
Award: 20050222 (06110127)
Budget Dates: 12/06/06 - 08/31/10 Direct: $228,684 F & A: 56,171

Correlation of Intrathoracic Impedance Measures with Blood and Plasma Volume in Congestive Heart Failure
Sponsor: Medtronic, Inc.
Award: Optival (07030103)
Budget Dates: 03/01/07 - 12/31/08 Direct: $77,138 F & A: 0

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: $60,100 F & A: 14,400

Vela Aquino, Marcelo

Principal Investigator
Refractory GERD: Evaluation by Electron Microscopy and Multi-Channel Intraluminal Impedance and pH (MII-pH)
Sponsor: Amer. Gastroenterology Assoc.
Award: (06020825)
Budget Dates: 07/01/06 - 06/30/08 Direct: $35,000 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: (06121949)
Budget Dates: 12/01/06 - 11/30/07 Direct: $39,840 F & A: 7,968

Co-Investigator
087-CL-084: A Phase 4, Randomized, Parallel-Group, Multi-Center Study to Assess the Safety and Efficacy of Multiple Dosing Regimens of IV Conivaptan in Subjects with Euvolemic Hyponatremia
PI: John Arthur
Sponsor: Astellas Pharma US, Inc.
Dept: Medicine
Award: 087-CL-084 (06121432-1)
Total: $231,480

Vincent, Brad

Co-PI/Project Leader
A Phase 3, Randomized, Double-Blind, Dose-Controlled Study to Assess the Efficacy and Safety of Aquavan (Fospropofol Disodium) Injection for Minimal-To-Moderate Sedation in Patients Undergoing Flexible Bronchoscopy
PI: Gerard Silvestri
Sponsor: MGI Pharma
Dept: Medicine
Award: 3000-0524 (06051531-1)
Total: $43,500
Watson, Patricia

**Co-Investigator**

Computer-Aided Cancer Management - Supplement Pulmonary

**Pl:** Gerard Silvestri  
**Sponsor:** DOD  
**Dept:** Medicine  
**Award:** W81XWH-05-1-0378 (04070126-11)  
**Total:** $110,036

Role of a Novel Oncogene in Mesothelioma

**Pl:** Alice Boylan  
**Sponsor:** NIH/NIEHS  
**Dept:** Medicine  
**Award:** 5 R01 ES011323-05 (07041168-1)  
**Total:** $157,635

Wharton, J.

**Principal Investigator**

Focused Circumferential Ultrasound for the Treatment of Atrial Fibrillation Focus AF

**Sponsor:** ProRhythm, Inc.  
**Budget Dates:** 04/11/06 - 04/10/08  
**Direct:** $464

**Award:** Focus AF - CLIN 003 (06041152)  
**Project Dates:** 04/11/06 - 04/10/08  
**F & A:** $116

Navistar Thermocool Catheter for the Radiofrequency Ablation of Symptomatic Paroxysmal Atrial Fibrillation

**Sponsor:** Biosense Webster, Inc.  
**Budget Dates:** 06/01/06 - 12/31/10  
**Direct:** $90,289

**Award:** G030236 (06063048)  
**Project Dates:** 06/01/06 - 12/31/10  
**F & A:** $22,572

Wilson, Frederick

**Principal Investigator**

The Crohn's Therapy, Resource, Evaluation and Assessment Tool (TREAT) Registry

**Sponsor:** Centocor, Inc.  
**Budget Dates:** 07/01/06 - 07/31/07  
**Direct:** $6,560

**Award:** (02052101)  
**Project Dates:** 07/01/06 - 07/31/07  
**F & A:** $1,640

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:** $115,202

**Award:** IM101-108-035 (07051491)  
**Project Dates:** 05/18/07 - 05/17/09  
**F & A:** $28,175

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:** $102,987

**Award:** IM101-084-044 (07051593)  
**Project Dates:** 05/18/07 - 05/17/09  
**F & A:** $25,122

Wray, Dannah

**Principal Investigator**

A Multi-Center, Open-Label, Expanded Access Trial of Maraviroc

**Sponsor:** Parexel Intl. Corp.  
**Budget Dates:** 04/02/07 - 04/01/08  
**Direct:** $28,620

**Award:** A4001050 (07041994)  
**Project Dates:** 04/02/07 - 04/01/08  
**F & A:** $6,530

**Co-Investigator**

Ryan White Title II Funds

**Pl:** J. Cantey  
**Dept:** Medicine  
**Sponsor:** SC DHEC  
**Award:** PO#627457-4 (07022145-1)  
**Total:** $917,539

Ryan White Title II Funds

**Pl:** J. Cantey  
**Dept:** Medicine  
**Sponsor:** SC DHEC  
**Award:** PO#627457-2 (07022145-2)  
**Total:** $465,936

A Multi-Center, Double-Blind, Randomized, Active-Controlled Study to Evaluate the Safety and Antiretroviral Activity of MK-0518 vs KALETRA in HIV-Infected Patients Switched from a Stable KALETRA-Based Regimen

**Pl:** L. W. Church  
**Dept:** Medicine  
**Sponsor:** Merck  
**Award:** 032-00 (07060811-1)  
**Total:** $47,256

Zhang, Xian

**Principal Investigator**

Impact of Fli-1 Expression on Lupus Disease Development

**Sponsor:** NIH/NIAIMS  
**Budget Dates:** 09/01/06 - 08/31/07  
**Direct:** $113,668

**Award:** 5 K01 AR051385-02 (04102704)  
**Project Dates:** 09/19/05 - 08/31/08  
**F & A:** $9,093
Mechanisms of Autoreactive B Cell Development in a Lupus Animal Model
Sponsor: NIH/NIAIMS  
Award: 1 R03 AR054546-01 (06022164)  
Budget Dates: 06/01/07 - 05/31/08  
Direct: $ 50,000  
F & A: 23,000

Zhang, Zhi-Ren

Co-Investigator

The Role of Ion Channels in Cystic Diseases  
Pl: David Ploth  
Dept: Medicine  
Sponsor: Dialysis Clinics, Inc.  
Award: C-2618 (06091284-1)  
Total: $ 719,308

The Role of Ion Channels in Cystic Diseases  
Pl: David Ploth  
Dept: Medicine  
Sponsor: Dialysis Clinics, Inc.  
Award: C-2618A (06091284-2)  
Total: $ 180,000

Cellular Mechanisms for Tubuloglomerular Feedback  
Pl: Phillip Bell  
Dept: Medicine  
Sponsor: NIH/NIDDK  
Award: 5 R01 DK032032-22 (07011773-1)  
Total: $ 199,055


Zile, Michael

Principal Investigator

Clinical Study of the Medtronic Chronicle Implantable Hemodynamic Monitor System for Heart Failure  
Compass HF  
Pl: Medtronic, Inc.  
Dept: Cell and Molecular Pharmacology  
Sponsor: NIH/NHLBI  
Award: N01-HV-281-81-000 (02030610-61)  
Total: $ 67,470

Diastolic Heart Failure: Role of the Extracellular Matrix  
Pl: Daniel Knapp  
Dept: Cell and Molecular Pharmacology  
Sponsor: NIH/NHLBI  
Award: N01-HV-281-81-000 (02030610-62)  
Total: $ 67,470

Role of PYK2 on Cardiac Hypertrophic Growth Response to Pressure Overload  
Pl: Pfizer, Inc.  
Dept: Cell and Molecular Pharmacology  
Sponsor: NIH/NHLBI  
Award: 5 P01 HL048788-14 (05053192-16)  
Total: $ 143,823

Co-PI/Project Leader  
Cardiovascular Proteomics Center - Project 1: Application of Proteomic Analysis to Cardiovascular Research  
Pl: Daniel Knapp  
Dept: Cell and Molecular Pharmacology  
Sponsor: NIH/NHLBI  
Award: 5 P01 HL048788-14 (05053192-17)  
Total: $ 172,486

Load-Induced Cardiac Hypertrophy in the Adult Mammal: Core C - Animal Model Core  
Pl: George Cooper, IV  
Dept: Medicine  
Sponsor: NIH/NHLBI  
Award: 5 P01 HL048788-14 (05053192-20)  
Total: $ 173,184

Load-Induced Cardiac Hypertrophy in the Adult Mammal: Project 5 - Integrin Signaling in Cardiac Hypertrophy  
Pl: George Cooper, IV  
Dept: Medicine  
Sponsor: NIH/NHLBI  
Award: 5 P01 HL048788-14 (05053192-23)  
Total: $ 173,184

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 Etxelate 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  
Pl: Boehringer Ingelheim Pharmaceuticals  
Dept: Radiology  
Sponsor: Bracco Diagnostics, Inc.  
Award: MDCT (Part II) (07020567-1)  
Total: $ 110,916
**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.  
Award: 0635131N (06010982)  
Budget Dates: 07/01/06 - 06/30/07  
Direct: $59,091  
F & A: $5,909

**Haque, Azizul**  
Principal Investigator  
Role of Collagen V-Reactive T-Cells in Chronic Lung Allograft Rejection  
Sponsor: Amer. Lung Assoc.  
Award: RG-10453-N (04082401)  
Budget Dates: 07/01/06 - 06/30/07  
Direct: $40,000  
F & A: $0

**Kasman, Laura**  
Co-Investigator  
Oral Immunobiology of MCMV-Infected Mouse Salivary Glands  
PI: Steven London  
Dept: Microbiology and Immunology  
Sponsor: NIH/NIDCR  
Award: 1 R01 DE016652-01A2 (05012069-1)  
Total: $218,250

**Liu, Xiang**  
Co-Investigator  
Sphingolipids in Cancer Therapy and Angiogenesis, Project 2: Genesis of Bystander Activity in Fast, Gene Therapy  
PI: Yusuf Hanun  
Dept: Biochemistry and Molecular Biology  
Sponsor: NIH/NCI  
Award: 5 P01 CA097132-04 (05061052-9)  
Total: $159,844

**London, Lucille**  
Co-Investigator  
MUSC Dental Research Training Grant  
PI: Steven London  
Dept: Microbiology and Immunology  
Sponsor: NIH/NIDCR  
Award: 1 T32 DE017551-01 (05091528-1)  
Total: $254,711

**May, Harold**  
Principal Investigator  
Assessment of the Interactive Role of Microbial Communities that Catalyze the Reductive Dechlorination of Polychlorinated Biphenyls (PCBs) in Coastal Sediments  
Sponsor: DOD/ONR  
Award: N00014-06-1-0091/P00001 (06110728)  
Budget Dates: 10/17/05 - 09/30/08  
Direct: $82,038  
F & A: $37,738
Norris, James
Co-PI/Project Leader
Sphingolipids in Cancer Therapy and Angiogenesis, Project 2: Genesis of Bystander Activity in Fast, Gene Therapy
PI: Yusuf Hannun
Dept: Biochemistry and Molecular Biology
Sponsor: NIH/NCI
Award: 5 P01 CA097132-04 (05061052-9)
Total: $ 159,844

Training in Cancer Therapeutics
PI: Kenneth Tew
Dept: Cell and Molecular Pharmacology
Sponsor: NIH/NCI
Award: 1 T32 CA119945-01 (05072167-1)
Total: $ 165,622

Co-Investigator
SC COBRE in Lipidomics and Pathobiology: Core A - Administrative Core
PI: Lina Obeid
Dept: Biochemistry and Molecular Biology
Sponsor: NIH/NCRR
Award: 5 P20 RR017677-05 (05062082-31)
Total: $ 179,112

Pandey, Janardan
Principal Investigator
Biomechanical, Developmental and Genetic Determinants for Rate of Orthodontic Tooth Movement in Humans
Sponsor: Univ. of Nebraska
Award: W81XWH-06-1-0768 (06052483)
Budget Dates: 07/01/06 - 12/31/06 Direct: $ 5,197

Investigation of Immunoglobulin GM and KM Gene Polymorphisms in Susceptibility to and Pathogenesis of Malaria and HIV in Children and Pregnant Women in Kenya
Sponsor: CDC
Award: 200-2006-M-17201 (06071375)
Budget Dates: 06/01/06 - 05/31/07 Direct: $ 90,000

Immunoglobulin Allotypes in Hepatitis C Virus Infection
Sponsor: NIH/NIDDK
Award: 5 R01 DK070877-02 (07010493)
Budget Dates: 03/01/06 - 02/28/07 Direct: $ 130,551

Rapisardo, Michelle
Principal Investigator
Complement and Immunotherapy of Breast Cancer
Sponsor: DOD/US Army
Award: W81XWH-06-1-0768 (06052483)
Budget Dates: 09/15/06 - 10/15/07 Direct: $ 30,000

Schmidt, Michael
Principal Investigator
Nuclear Engineering and Health Physics Fellowships and Scholarship Program (NEHP)
Sponsor: SCUREF
Award: DE-FG07-05ID14692IDNE001 (06021655)
Budget Dates: 09/15/05 - 09/14/10 Direct: $ 245,978

Copper Antimicrobial Research Program (CAP)
Sponsor: Advanced Technology Institute
Award: 2007-614 (06080232)
Budget Dates: 05/01/07 - 07/14/07 Direct: $ 230,623

SRS - Internships
Sponsor: SCUREF
Award: 53519 (06090865)
Budget Dates: 07/01/06 - 06/30/08 Direct: $ 35,530

Copper Air Quality Program (CAQP)
Sponsor: Advanced Technology Institute
Award: 2007-617 (06102056)
Budget Dates: 05/01/07 - 07/14/07 Direct: $ 27,423

Navy Nuclear Propulsion Graduate Fellowship Program (NNP)
Sponsor: SCUREF
Award: DE-FG07-05ID14692IDNE00 (06110725)
Budget Dates: 09/15/05 - 09/14/07 Direct: $ 787,595

Radiochemistry Education Award and Junior Faculty Programs
Sponsor: SCUREF
Award: DE-FG07-05ID14692IDNE00 (06110932)
Budget Dates: 09/15/05 - 09/14/07 Direct: $ 805,572

Nuclear Engineering and Health Physics Fellowship and Scholarship Program (NEHP)
Sponsor: SCUREF
Award: DE-FG07-05ED14692IDNE001 (06110933)
Budget Dates: 09/15/05 - 09/14/07 Direct: $ 1,258,114

Co-Investigator
Protection of Steatotic Livers from Primary Nonfunction
PI: Kenneth Chavin
Dept: Surgery
Sponsor: NIH/NIDDK
Award: 1 R01 DK069369-01A2 (05102826-1)
Total: $ 205,000
### Bioterrorism Training and Curriculum Development Program (BTCDP)

**PI:** David Garr  
**Sponsor:** HRSA  
**Total:** $ 416,337  
**Dept:** SC AHEC  
**Award:** 3 T01 HP01418-04-01 (06080442-1)

**PI:** David Garr  
**Sponsor:** HRSA  
**Total:** $ 866,605  
**Dept:** SC AHEC  
**Award:** 5 T01 HP01418-04-00 (06080956-1)

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### Development of Human Monoclonal Antibodies for Neutralization of Avian Influenza Virus (H5N1) and for Use in Diagnosis

**PI:** David Garr  
**Sponsor:** MITRE Corp.  
**Budget Dates:** 10/01/06 - 09/30/07  
**Direct:** $ 230,950  
**Award:** 67568 (06092985)

**Budget Dates:** 10/01/06 - 09/30/09  
**F & A:** $ 69,285  
**Award:** (02082302)

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### Complement Inhibitory Therapy of Lupus

**PI:** Michelle Rapisardo  
**Sponsor:** DOD/US Army  
**Total:** $ 30,000  
**Dept:** Microbiology and Immunology  
**Award:** W81XWH-06-1-0768 (06052483-1)

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### TRAIL-Induced Apoptosis in Prostate Cancer

**PI:** Maria Lopes-Virella  
**Sponsor:** Juvenile Diabetes Fdn.  
**Total:** $ 150,000  
**Dept:** Medicine  
**Award:** 1-2006-49 (07010494-1)

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### Co-PI/Project Leader

**Complement Inhibitory Therapy of the Human Proximal Tubule**

**PI:** Michelle Rapisardo  
**Sponsor:** DOD/US Army  
**Total:** $ 30,000  
**Dept:** Microbiology and Immunology  
**Award:** W81XWH-06-1-0768 (06052483-1)

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### Medical University of South Carolina AIDS Symposium

**PI:** Maria Lopes-Virella  
**Sponsor:** Juvenile Diabetes Fdn.  
**Total:** $ 150,000  
**Dept:** Medicine  
**Award:** 1-2006-49 (07010494-1)

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### Co-Investigator

**Immune Mechanisms of Nephropathy in Type 1 Diabetes**

**PI:** Maria Lopes-Virella  
**Sponsor:** Juvenile Diabetes Fdn.  
**Total:** $ 150,000  
**Dept:** Medicine  
**Award:** 1-2006-49 (07010494-1)

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### Minority Predoctoral Fellowship Program

**PI:** Michelle Rapisardo  
**Sponsor:** NIH/NCI  
**Total:** $ 30,000  
**Dept:** Microbiology and Immunology  
**Award:** W81XWH-06-1-0768 (06052483-1)

---

### Co-Investigator

**Immune Mechanisms of Nephropathy in Type 1 Diabetes**

**PI:** Maria Lopes-Virella  
**Sponsor:** Juvenile Diabetes Fdn.  
**Total:** $ 150,000  
**Dept:** Medicine  
**Award:** 1-2006-49 (07010494-1)

---

### Minority Predoctoral Fellowship Program

**PI:** Michelle Rapisardo  
**Sponsor:** NIH/NCI  
**Total:** $ 30,000  
**Dept:** Microbiology and Immunology  
**Award:** W81XWH-06-1-0768 (06052483-1)

---

### TRAIL-Induced Apoptosis in Prostate Cancer

**PI:** Maria Lopes-Virella  
**Sponsor:** Juvenile Diabetes Fdn.  
**Total:** $ 150,000  
**Dept:** Medicine  
**Award:** 1-2006-49 (07010494-1)

---

### Co-Investigator

**Immune Mechanisms of Nephropathy in Type 1 Diabetes**

**PI:** Maria Lopes-Virella  
**Sponsor:** Juvenile Diabetes Fdn.  
**Total:** $ 150,000  
**Dept:** Medicine  
**Award:** 1-2006-49 (07010494-1)
Neurosciences

Aston-Jones, Gary

**Principal Investigator**

**Use of Vagal Nerve Stimulation to Improve Cognitive Function**

Sponsor: DOD/US Army  
Award: W911NF-06-1-0202 (06041042)  
Budget Dates: 07/01/06 - 12/31/07  
Project Dates: 07/01/06 - 12/31/07  
Direct: $290,931  
F & A: $109,908

**Role of Locus Coeruleus in Decision Outcome**

Sponsor: Princeton Univ.  
Award: P50 MH062196/1321 (06080958)  
Budget Dates: 09/01/06 - 08/31/07  
Project Dates: 09/01/06 - 08/31/07  
Direct: $483,293  
F & A: $84,136

**Alterations in Reward Processing During Drug Abstinence**

Sponsor: NIH/NIDA  
Award: 7 R01 DA017289-03 (06080960)  
Budget Dates: 07/01/06 - 03/31/07  
Project Dates: 07/01/06 - 03/31/10  
Direct: $132,484  
F & A: $60,943

**Role of Extended Amygdala in Opiate and Cocaine Abuse**

Sponsor: NIH/NIDA  
Award: 7 R37 DA006214-19 (07040554)  
Budget Dates: 07/01/06 - 04/30/08  
Project Dates: 07/01/06 - 04/30/08  
Direct: $290,717  
F & A: $133,730

**Role of Extended Amygdala in Opiate and Cocaine Abuse**

Sponsor: NIH/NIDA  
Award: 7 R37 DA006214-19 (07040554)  
Budget Dates: 05/01/07 - 04/30/08  
Project Dates: 07/01/06 - 04/30/08  
Direct: $290,717  
F & A: $133,730

**Estrogen Efficacy in Spinal Cord Injury**

Sponsor: NIH/NINDS  
Award: 5 R01 NS045967-04 (07022038)  
Budget Dates: 05/01/07 - 04/30/08  
Project Dates: 07/01/06 - 04/30/08  
Direct: $189,636  
F & A: $87,233

**Attentuation of Axonal Damage and Neuronal Death in EAE**

Sponsor: NIH/NINDS  
Award: 1 R01 NS056176-01 (05102069)  
Budget Dates: 08/15/06 - 07/31/11  
Project Dates: 08/15/06 - 07/31/11  
Direct: $123,073  
F & A: $53,217

**Role of Proteinase in Spinal Cord Injury**

Sponsor: NIH/NINDS  
Award: 2 R01 NS031622-13A2 (06111546)  
Budget Dates: 06/01/07 - 05/31/08  
Project Dates: 12/13/07 - 05/31/12  
Direct: $218,750  
F & A: $100,625

**Attentuation of Axonal Damage and Neuronal Death in EAE**

Sponsor: NIH/NINDS  
Award: 5 R01 NS056176-02 (07022038)  
Budget Dates: 02/01/07 - 01/31/11  
Project Dates: 02/01/07 - 01/31/11  
Direct: $242,750  
F & A: $111,665

**Calpain Activation of T Cells in Demyelinating Disease**

Sponsor: NIH/NINDS  
Award: 5 R01 NS041088-07 (07032192)  
Budget Dates: 03/01/07 - 02/28/10  
Project Dates: 03/01/07 - 02/28/10  
Direct: $218,475  
F & A: $100,499

**Proteolytic Control of Glioblastoma**

Pl: Swapan Ray  
Dept: Neurosciences  
Award: 5 R01 CA091460-05 (07042312-1)  
Total: $142,227

Athar, Saima

Co-Investigator

**A Multi-Center, Open-Label, Extension Study to Evaluate the Long-Term Safety, Tolerability, and Efficacy of E2007 as an Adjunctive Therapy in Levodopa Treated Parkinson's Disease Patients with Motor Fluctuations**

Sponsor: Quintiles Pacific, Inc.  
Award: E2007-G000-303 (07010280-1)  
Total: $120,820

Bailey, Byron

**Principal Investigator**

**ICH Removal: Minimally Invasive Surgery + rt-PA (MISTIE)**

Sponsor: Johns Hopkins Univ.  
Award: 5 R01 NS046309-02/Modifi (06082840)  
Budget Dates: 06/01/07 - 02/28/08  
Project Dates: 03/01/05 - 02/28/09  
Direct: $106,000  
F & A: $25,000

Banik, Naren

**Principal Investigator**

**Complex Carbohydrate Research Center**

Sponsor: Medical Coll. of Georgia  
Award: NMS00003 (05032850)  
Budget Dates: 06/01/07 - 05/31/08  
Project Dates: 06/01/07 - 05/31/08  
Direct: $33,000  
F & A: $3,300

**Estrogen Efficacy in Spinal Cord Injury**

Sponsor: NIH/NINDS  
Award: 5 R01 NS045967-04 (05072064)  
Budget Dates: 07/01/06 - 06/30/08  
Project Dates: 09/30/03 - 06/30/08  
Direct: $158,071  
F & A: $72,713

**Attentuation of Axonal Damage and Neuronal Death in EAE**

Sponsor: NIH/NINDS  
Award: 1 R01 NS056176-01 (05102069)  
Budget Dates: 08/15/06 - 01/31/07  
Project Dates: 08/15/06 - 01/31/11  
Direct: $123,073  
F & A: $53,217

**Role of Proteinase in Spinal Cord Injury**

Sponsor: NIH/NINDS  
Award: 2 R01 NS031622-13A2 (06111546)  
Budget Dates: 06/01/07 - 05/31/08  
Project Dates: 12/13/07 - 05/31/12  
Direct: $218,750  
F & A: $100,625

**Attentuation of Axonal Damage and Neuronal Death in EAE**

Sponsor: NIH/NINDS  
Award: 5 R01 NS056176-02 (07022038)  
Budget Dates: 02/01/07 - 01/31/11  
Project Dates: 02/01/07 - 01/31/11  
Direct: $242,750  
F & A: $111,665

**Calpain Activation of T Cells in Demyelinating Disease**

Sponsor: NIH/NINDS  
Award: 5 R01 NS041088-07 (07032192)  
Budget Dates: 03/01/07 - 02/29/10  
Project Dates: 03/01/07 - 02/29/10  
Direct: $218,475  
F & A: $100,499

**Co-Investigator**

**Proteolytic Control of Glioblastoma**

Pl: Swapan Ray  
Dept: Neurosciences  
Award: 5 R01 CA091460-05 (07042312-1)  
Total: $142,227
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<td>Barbosa, Ernest</td>
<td>Co-Investigator</td>
<td>Safety of N-Acetylcysteine in Maternal Chorioamnionitis</td>
<td>NIH/NINDS</td>
<td>05/01/07 - 04/30/08</td>
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<td>Berglind, William</td>
<td>Principal Investigator</td>
<td>Cortico-Striatal BDNF and Cocaine, Withdrawal and Relapse</td>
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<td>05/01/07 - 04/30/08</td>
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<td>Bergmann, Kenneth</td>
<td>Principal Investigator</td>
<td>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</td>
<td>NIH/NIA</td>
<td>05/01/07 - 04/30/08</td>
<td>$278,340</td>
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<td>A Phase 2, Double-Blind, Placebo-Controlled, Randomized, Parallel-Group, Multi-Center Study of the Efficacy and Safety of 40 mg/day KW-6002 (Istradefylline) as Monotherapy in Subjects with Parkinson's Disease</td>
<td>INC Research, Inc.</td>
<td>05/01/07 - 04/30/08</td>
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<td>A Multi-Center, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study of the Efficacy, Safety and Tolerability of E2007 in Levodopa Treated Parkinson's Disease Patients with Motor Fluctuations</td>
<td>Quintiles Pacific, Inc.</td>
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<td>Neuroinflammation in Cholesterol-Induced AD Pathogenesis</td>
<td>NIH/NIAAA</td>
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<td>Dual-Hit Hypothesis of Aging-Related DA Dysfunction-Project 3</td>
<td>NIH/NIA</td>
<td>05/01/07 - 04/30/08</td>
<td>$62,900</td>
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<td>Chalela, Julio</td>
<td>Co-PI/Project Leader</td>
<td>A Prospective Study to Evaluate the Darbepoetin alfa (Aranesp) in Patients Admitted to the Intensive Care Unit</td>
<td>Jenica Research Associates</td>
<td>05/01/07 - 04/30/08</td>
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<td>Chandler, L.</td>
<td>Principal Investigator</td>
<td>Ethanol and ERK/PKB Signaling in Brain</td>
<td>NIH/NIAAA</td>
<td>05/01/07 - 04/30/08</td>
<td>$213,341</td>
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Chandler, L.  
Co-Investigator  
Dopamine Modulation of Network Activity in the Prefrontal Cortex  
PI: Sven Kroener  
Dept: Neurosciences  
Sponsor: NIH/NINDS  
Total: $ 131,574  
Award: 1 R21 NS056124-01A1 (06070760-1)  

Mentor  
KV2.1 Channel Modulation of Ethanol Withdrawal  
PI: Patrick Mulholland  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIAAA  
Total: $ 45,976  
Award: 1 F32 AA016450-01 (05120296-1)  

Cook, James  
Principal Investigator  
Role of Eicosanoids in Shock  
Sponsor: NIH/NIGMS  
Budget Dates: 07/01/06 - 06/30/07  
Direct: $ 224,595  
Award: 5 R01 GM027673-25 (05050379)  
Project Dates: 04/01/80 - 06/30/08  
F & A: 103,314  

The Role of PPARg and PPARg Agonists in Septic Shock  
Sponsor: Childrens Hospital Medical Center  
Budget Dates: 07/01/06 - 06/30/07  
Direct: $ 79,553  
Award: R01 GM067202-04/CHMC 03- (06102682)  
Project Dates: 07/01/03 - 06/30/07  
F & A: 36,594  

Co-Investigator  
Dual-Hit Hypothesis of Aging-Related DA Dysfunction-Project 3  
PI: Ann-Charlotte Granholm  
Dept: Neurosciences  
Sponsor: NIH/NIA  
Total: $ 81,762  
Award: 5 P01 AG023630-02 (04112920-16)  

Fan, Hongkuan  
Co-Investigator  
The Role of PPARg and PPARg Agonists in Septic Shock  
PI: James Cook  
Dept: Neurosciences  
Sponsor: Childrens Hospital Medical Center  
Total: $ 79,553  
Award: R01 GM067202-04/CHMC 03- (06102682-1)  

Feltenstein, Matthew  
Principal Investigator  
Role of Norepinephrine and the Amygdala in Drug Relapse  
Sponsor: NIH/NIDA  
Budget Dates: 09/01/06 - 08/31/07  
Direct: $ 48,796  
Award: 1 F32 DA021063-01A1 (05120711)  
Project Dates: 09/01/06 - 08/31/07  
F & A: 0  

Frankel, Bruce  
Principal Investigator  
A Prospective, Multi-Center, Randomized, Active-Controlled Study of the Wallis System for the Treatment of Mild to Moderate Degenerative Disc Disease of the Lumbar Spine  
Sponsor: Abbott Labs  
Budget Dates: 03/23/07 - 03/02/12  
Direct: $ 515,888  
Award: 6000-1006-P1 (07030519)  
Project Dates: 03/23/07 - 03/02/12  
F & A: 128,222  

A Prospective and Randomized Controlled Trial to Evaluate the Safety and Effectiveness of Total Facet Arthroplasty in the Treatment of Degenerative Spinal Stenosis  
Sponsor: Archus Orthopedics, Inc.  
Budget Dates: 08/24/06 - 03/31/10  
Direct: $ 103,740  
Award: PR0051 (07032605)  
Project Dates: 08/24/06 - 03/31/10  
F & A: 25,310  

Granholm, Ann-Charlotte  
Principal Investigator  
Dual-Hit Hypothesis of Aging-Related DA Dysfunction  
Sponsor: NIH/NIA  
Budget Dates: 07/15/06 - 06/30/07  
Direct: $ 810,468  
Award: 5 P01 AG023630-02 (04112920)  
Project Dates: 09/15/05 - 06/30/10  
F & A: 301,308  

An Animal Model for Age-Related Degeneration  
Sponsor: NIH/NIA  
Budget Dates: 07/01/06 - 06/30/07  
Direct: $ 184,500  
Award: 2 R01 AG012122-11A2 (05102702)  
Project Dates: 04/08/94 - 06/30/11  
F & A: 84,870  

Pharmacological Correlates of Aging and Brain Cell Grafts  
Sponsor: Univ. of South Florida  
Budget Dates: 07/01/06 - 06/30/07  
Direct: $ 122,517  
Award: 6155-0032-00-B (06013079)  
Project Dates: 07/01/01 - 06/30/07  
F & A: 52,683  

Neuroprotective Effects of Mementine in Down Syndrome and Alzheimer's Disease  
Sponsor: Univ. of Colorado  
Budget Dates: 07/01/06 - 06/30/08  
Direct: $ 100,000  
Award: 40399/FY07 222 (06022165)  
Project Dates: 07/01/06 - 06/30/08  
F & A: 0  

Mechanisms of Neurotrophin-Improved Cognition in Aging  
Sponsor: NIH/NIA  
Budget Dates: 09/01/06 - 08/31/07  
Direct: $ 189,441  
Award: 5 R01 AG010755-13 (06081687)  
Project Dates: 09/29/91 - 08/31/08  
F & A: 87,143
Granholm, Ann-Charlotte  
**Co-Investigator**  
*Regulation and Cell Biology of Beta-Secretase*  
PI: Kumar Sambamurti  
Dept: Neurosciences  
Sponsor: NIH/NIA  
Award: 5 R01 AG023055-03 (05061359-2)  
Total: $ 160,146

Gregory, Mary  
**Principal Investigator**  
*Prefrontal Glutamate and Working Memory*  
Sponsor: NIH/NIMH  
Budget Dates: 09/30/06 - 06/29/07  
Direct: $ 19,679  
Award: 5 F30 MH070194-04 (04063016)  
Project Dates: 09/30/03 - 06/29/07  
F & A: 0

Gudz, Tatyana  
**Principal Investigator**  
*Integrin-Mediated Oligodendrocyte Survival in Ischemia*  
Sponsor: Augusta VA Medical Center  
Budget Dates: 04/01/06 - 09/30/08  
Direct: $ 94,320  
Award: V247P-2536 (06021548)  
Project Dates: 04/01/06 - 09/30/08  
F & A: 0  
Co-PI/Project Leader  
*SC COBRE in Lipidomics and Pathobiology: Project 9 - Sphingolipids in Integrin-Mediated Oligodendrocyte Survival Signaling in Hypoxia/Ishemias*  
PI: Lina Obeid  
Dept: Biochemistry and Molecular Biology  
Sponsor: NIH/NCRR  
Total: $ 88,200  
Award: 5 P20 RR017677-05 (05062082-28)

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: $ 326,250  
Award: 333369-EKY-3001/3004 (06101636)  
Project Dates: 10/04/06 - 03/15/09  
F & A: 80,938

Hinson, Vanessa  
**Principal Investigator**  
*Resident and Fellow Educational Grant*  
Sponsor: Allergan, Inc.  
Budget Dates: 07/01/06 - 12/31/07  
Direct: $ 5,500  
Award: (06062187)  
Project Dates: 07/01/06 - 12/31/07  
F & A: 0

Jayanthi, Lankupalle  
**Principal Investigator**  
*Norepinephrine Transport Regulation by Phosphorylation*  
Sponsor: NIH/NIGMS  
Budget Dates: 02/01/07 - 01/31/08  
Direct: $ 151,000  
Award: 1 R01 GM081054-01A2 (06050516)  
Project Dates: 02/01/07 - 01/31/12  
F & A: 69,460

**Co-Investigator**  
*Dual-Hit Hypothesis of Aging-Related DA Dysfunction-Project 4*  
PI: Ann-Charlotte Granholm  
Dept: Neurosciences  
Sponsor: NIH/NIA  
Total: $ 111,873  
Award: 5 P01 AG023630-02 (04112920-17)

**Neurobiology of Addiction Research Center (NARC) - Project 3**  
PI: Peter Kallivas  
Dept: Neurosciences  
Sponsor: NIH/NIDA  
Total: $ 79,092  
Award: 5 P50 DA015369-05 (07032298-7)
### Neurobiology of Addiction Research Center (NARC) - Project 4

**PI:** Peter Kalivas  
**Sponsor:** NIH/NIDA  
**Total:** $85,588

#### Serotonin Transporter Phosphorylation

**PI:** Sammanda Ramamoorthy  
**Sponsor:** NIH/NIMH  
**Total:** $212,500

### Kalivas, Peter

**Principal Investigator**

**Cocaine, Opioids and Drug Abuse**

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**Stress-Induced Reinstatement of Cocaine-Seeking Behavior**

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**Glutamate and Craving for Cocaine**

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**Neurobiology of Addiction Research Center**

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### Kara, Prakash

**Principal Investigator**

**In Vivo Two-Photon Imaging of the Retinal Readout by Visual Cortical Networks**

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**Development of a Technological Platform to Study the Neural Code for Vision**

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### Kindy, Mark

**Principal Investigator**

**An In Vitro Model of Stem Cell Innervation of Myotubes**

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**Research Infrastructure Improvement Grant**

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**RAGE and Oxidative Stress in Alzheimer's Disease**

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**MUSC Summer Undergraduate Research Program in Neurosciences**

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### Melatonin: A New Anti-Amyloidogenic and Antioxidant Agent

**Sponsor:** NIH/NIA  
**Budget Dates:** 07/15/06 - 09/30/07  
**Direct:** $15,588  
**F & A:** $7,170

### Nphrylsin and Amyloid-Beta Degradation in Alzheimer's Disease

**Sponsor:** VAMC  
**Budget Dates:** 04/01/07 - 03/31/08  
**Direct:** $185,501

### RAGE and Beta Amyloid Induced Oxidative Stress

**Sponsor:** VAMC  
**Budget Dates:** 10/01/06 - 09/30/07  
**Direct:** $122,300

### Enhancement of Neurosciences Research: Endowed Professorships

**Sponsor:** SC Research Centers of Economic Excellence  
**Budget Dates:** 07/15/06 - 09/30/07  
**Direct:** $600,000

### RAGE and Oxidative Stress in Alzheimer's Disease

**Sponsor:** Augusta VA Medical Center  
**Budget Dates:** 10/01/06 - 09/30/07  
**Direct:** $35,000

### Therapeutic Intervention in Cervical Spinal Cord Injury

**Sponsor:** VAMC  
**Budget Dates:** 10/01/06 - 09/30/07  
**Direct:** $2,800

### Kindy, Mark

Co-Investigator  
**SC COBRE in Lipidomics and Pathobiology: Core A - Administrative Core**  
**PI:** Lina Obeid  
**Dept:** Biochemistry and Molecular Biology  
**Award:** 5 P20 RR017677-05 (05062082-31)

### Knackstedt, Lori

**Principal Investigator**  
**Evaluating Models of Cocaine Self-Administration**  
**Sponsor:** NIH/NIDA  
**Budget Dates:** 09/15/06 - 09/14/07  
**Direct:** $45,976

### Kroener, Sven

**Principal Investigator**  
**Dopamine Modulation of Network Activity in the Prefrontal Cortex**  
**Sponsor:** NIH/NINDS  
**Budget Dates:** 03/05/07 - 02/29/08  
**Direct:** $131,574

### LaLumiere, Ryan

**Principal Investigator**  
**NAC1 and Proteasome Involvement in Cocaine Use**  
**Sponsor:** NIH/NIDA  
**Budget Dates:** 03/02/07 - 02/29/08  
**Direct:** $46,826

### Lavin, Antonieta

**Principal Investigator**  
**Fast and Slow Dopamine Signaling in Prefrontal Cortex**  
**Sponsor:** Univ. of British Columbia  
**Budget Dates:** 01/01/06 - 05/31/07  
**Direct:** $63,325

### McGinty, Jacqueline

**Principal Investigator**  
**Drug Abuse Training Program**  
**Sponsor:** NIH/NIDA  
**Budget Dates:** 07/01/06 - 06/30/07  
**Direct:** $251,290

### Annual Report for Research FY2007
McGinty, Jacqueline

Co-PI/Project Leader
Dual-Hit Hypothesis of Aging-Related DA Dysfunction-Project 2
PI: Ann-Charlotte Granholm
Dept: Neurosciences
Sponsor: NIH/NIA
Award: 5 P01 AG023630-02 (04112920-15) Total: $ 126,069

Neurobiology of Addiction Research Center (NARC) - Core C
PI: Peter Kalivas
Dept: Neurosciences
Sponsor: NIH/NIDA
Award: 5 P50 DA015369-05 (07032298-4) Total: $ 95,694

Neurobiology of Addiction Research Center (NARC) - Project 2
PI: Peter Kalivas
Dept: Neurosciences
Sponsor: NIH/NIDA
Award: 5 P50 DA015369-05 (07032298-6) Total: $ 170,986

Co-Investigator
Treatment and Gene/Protein Analysis of Ethanol Relapse
PI: Howard Becker
Dept: Psychiatry and Behavioral Sciences
Sponsor: NIH/NIAAA
Award: 1 R21 AA015953-01A1 (05102698) Project Dates: 09/30/06 - 06/30/08

Melendez, Roberto

Principal Investigator
Mouse Model of Ethanol Relapse Propensity
PI: Roberto Mintzer
Dept: Psychiatry and Behavioral Sciences
Sponsor: NIH/NIAAA
Award: EFC2724 (04092808) Project Dates: 09/30/06 - 06/30/08

Mintzer, Jacobo

Principal Investigator
A Randomized, Multi-Center, Double-Blind, Placebo-Controlled, 18-Month Study of the Efficacy of Xaliproden in Patients with Mild-to-Moderate Dementia of the Alzheimer's Type
PI: Roberto Mintzer
Dept: Psychiatry and Behavioral Sciences
Sponsor: Sanofi Synthelabo, Inc.
Award: 5 T32 AG021794-05 (05020296) Project Dates: 09/01/02 - 04/30/07

Institute for Minority Research on Mental Health and Aging (IRMMA)
PI: Roberto Mintzer
Dept: Psychiatry and Behavioral Sciences
Sponsor: NIH/NIA
Award: 5 P50 DA015369-05 (07032298-2) Total: $ 67,042

Phase 3, Multi-National, Randomized, Double-Blind, Placebo-Controlled Study of the Effect of Daily Treatment with MPC-7869 on Measures of Cognition, Activities of Daily Living and Global Function in Subjects with Mild Dementia of the Alzheimer’s Type
PI: Roberto Mintzer
Dept: Psychiatry and Behavioral Sciences
Sponsor: PPD Development
Award: MPC-7869-05-010 (06112061) Project Dates: 11/10/06 - 06/30/08

Open-Label Study of the Effect of Daily Treatment with MPC-7869 in Subjects with Dementia of the Alzheimer’s Type
PI: Roberto Mintzer
Dept: Psychiatry and Behavioral Sciences
Sponsor: PPD Development
Award: MPC-7869-05-009 (06112060) Project Dates: 11/10/06 - 06/30/08

Phase 3, Multi-National, Randomized, Double-Blind, Placebo-Controlled Study of the Effect of Daily Treatment with MPC-7869 on Measures of Cognition, Activities of Daily Living and Global Function in Subjects with Mild Dementia of the Alzheimer’s Type
PI: Roberto Mintzer
Dept: Psychiatry and Behavioral Sciences
Sponsor: PPD Development
Award: MPC-7869-05-010 (06112061) Project Dates: 11/10/06 - 06/30/08
### Effects of Docosahexaenoic Acid (DHA) in Slowing the Progress of Alzheimer's Disease

**Sponsor:** Univ. of California, San Diego  
**Budget Dates:** 01/01/07 - 06/30/10  
**Direct:** $72,500

**Depression in Alzheimer’s Disease Study-2 (DIADS-2)**

**Sponsor:** NIH/NIMH  
**Budget Dates:** 03/01/07 - 02/29/08  
**Direct:** $47,389

**South Carolina Alzheimer's Disease Research Center**

**Sponsor:** MUSC Fdn.  
**Budget Dates:** 02/15/07 - 02/28/09  
**Direct:** $83,791

### 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.  
**Budget Dates:** 04/18/07 - 12/31/08  
**Direct:** $132,472

---

### Pappolla, Miguel

**Co-PI/Project Leader**

**Cholesterol and Amyloidogenesis**  
**PI:** Kumar Sambamurti  
**Dept:** Neurosciences  
**Sponsor:** NIH/NIA  
**Total:** $246,281

**Melatonin: A New Anti-Amyloidogenic and Antioxidant Agent**  
**PI:** Mark Kindy  
**Dept:** Neurosciences  
**Sponsor:** NIH/NIA  
**Total:** $15,588

---

### Patel, Sunil

**Principal Investigator**

**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**  
**PI:** Abhay Varma  
**Dept:** Neurosciences  
**Sponsor:** Synthes (USA)  
**Total:** $106,000

**ICH Removal: Minimally Invasive Surgery + rt-PA (MISTIE)**  
**PI:** Byron Bailey  
**Dept:** Neurosciences  
**Sponsor:** Johns Hopkins Univ.  
**Total:** $96,000

---

### Peters, Jamie

**Principal Investigator**

**Metabotropic Glutamate Receptors Mediate Cocaine Relapse**  
**PI:** Peter Kalivas  
**Dept:** Neurosciences  
**Sponsor:** NIH/NIDA  
**Total:** $79,092

**Serotonin Transporter Phosphorylation**  
**PI:** Ramamoorthy Sammanda  
**Dept:** Neurosciences  
**Sponsor:** NIH/NIMH  
**Total:** $212,500

---

### Ramamoorthy, Sammanda

**Principal Investigator**

**Dual-Hit Hypothesis of Aging-Related DA Dysfunction-Project 4**  
**PI:** Ann-Charlotte Granholm  
**Dept:** Neurosciences  
**Sponsor:** NIH/NIA  
**Total:** $111,873

**Neurobiology of Addiction Research Center (NARC) - Project 3**  
**PI:** Peter Kalivas  
**Dept:** Neurosciences  
**Sponsor:** NIH/NIDA  
**Total:** $79,092

**Co-Investigator**

**Noradrenaline Transport Regulation by Phosphorylation**  
**PI:** Lankupalle Jayanthi  
**Dept:** Neurosciences  
**Sponsor:** NIH/NIGMS  
**Total:** $151,000
Neurobiology of Addiction Research Center (NARC) - Core A
PI: Peter Kalivas  Sponsor: NIH/NIDA  Total: $ 95,990
Dept: Neurosciences  Award: 5 P50 DA015369-05 (07032298-2)

Neurobiology of Addiction Research Center (NARC) - Project 4
PI: Peter Kalivas  Sponsor: NIH/NIDA  Total: $ 85,588
Dept: Neurosciences  Award: 5 P50 DA015369-05 (07032298-8)

Ray, Swapan  Principal Investigator
Differentiation and Apoptosis in Malignant Neuroblastoma
Sponsor: NIH/NINDS  Budget Dates: 08/02/06 - 01/31/07  Direct: $ 150,000
Award: 1 R01 NS057811-01A1 (06051962)  Project Dates: 08/02/06 - 01/31/10  F & A: 69,000

Differentiation and Apoptosis in Malignant Neuroblastoma
Sponsor: NIH/NINDS  Budget Dates: 02/01/07 - 01/31/08  Direct: $ 242,750
Award: 5 R01 NS057811-02 (07030842)  Project Dates: 08/02/06 - 01/31/10  F & A: 111,665

Proteolytic Control of Glioblastoma
Sponsor: NIH/NCI  Budget Dates: 06/28/07 - 05/31/08  Direct: $ 142,227
Award: 5 R01 CA091460-05 (07030842)  Project Dates: 08/01/03 - 05/31/08  F & A: 65,425

Co-Investigator
Attenuation of Axonal Damage and Neuronal Death in EAE
PI: Naren Banik  Sponsor: NIH/NINDS  Total: $ 123,073
Dept: Neurosciences  Award: 1 R01 NS056176-01 (05102069-1)

Role of Proteinase in Spinal Cord Injury
PI: Naren Banik  Sponsor: NIH/NINDS  Total: $ 218,750
Dept: Neurosciences  Award: 2 R01 NS031622-13A2 (06111546-1)

Attenuation of Axonal Damage and Neuronal Death in EAE
PI: Naren Banik  Sponsor: NIH/NINDS  Total: $ 242,750
Dept: Neurosciences  Award: 5 R01 NS056176-02 (07022038-1)

Salak, Vicky  Co-Investigator
Parkinson's Disease Neuroprotection Clinical Trial Center
PI: Kenneth Bergmann  Sponsor: NIH/NINDS  Total: $ 41,650
Dept: Neurosciences  Award: 5 U10 NS053372-02 (06092119-1)

Sambamurti, Kumar  Principal Investigator
Regulation and Cell Biology of Beta-Secretase
Sponsor: NIH/NIA  Budget Dates: 07/15/06 - 06/30/07  Direct: $ 160,146
Award: 5 R01 AG023055-03 (05061359)  Project Dates: 09/30/04 - 06/30/09  F & A: 73,667

Cholesterol and Amyloidogenesis
Sponsor: NIH/NIA  Budget Dates: 07/15/06 - 05/31/07  Direct: $ 246,281
Award: 7 R01 AG022103-04 (06050411)  Project Dates: 07/15/06 - 05/31/08  F & A: 107,769

Co-Investigator
Isoprenoids and Aberrant Sprouting in Alzheimer's Disease
PI: Yan Zhou  Sponsor: NIH/NIA  Total: $ 44,000
Dept: Neurosciences  Award: 1 R03 AG028544-01 (05092767-1)

An Animal Model for Age-Related Degeneration
PI: Ann-Charlotte Granholm  Sponsor: NIH/NIA  Total: $ 184,500
Dept: Neurosciences  Award: 2 R01 AG012122-11A2 (05102702-1)

Mechanisms of Neurotrophin-Improved Cognition in Aging
PI: Ann-Charlotte Granholm  Sponsor: Univ. of Colorado  Total: $ 189,441
Dept: Neurosciences  Award: 5 R01 AG010755-13 (06081687-1)
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<th>Name</th>
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<th>Project Title</th>
<th>Sponsor</th>
<th>Budget Dates</th>
<th>Direct: $</th>
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<th>Total: $</th>
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<tbody>
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<td>Sas, Andrew</td>
<td>Principal Investigator</td>
<td>Defining the Role of Interferon-Alpha in HIV Encephalitis</td>
<td>NIH/NINDS</td>
<td>06/25/07 - 06/24/08</td>
<td>$34,872</td>
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<td>Saylor, Alicia</td>
<td>Principal Investigator</td>
<td>Amphetamine and BDNF-Mediated Gene Expression</td>
<td>NIH/NIDA</td>
<td>07/01/06 - 06/30/07</td>
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<td>See, Ronald</td>
<td>Principal Investigator</td>
<td>Translational Research in Addiction Center</td>
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<td>09/30/06 - 08/31/07</td>
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<td>Neurobiology of Addiction Research Center (NARC) - Core B</td>
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<td>09/30/06 - 08/31/10</td>
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<td>Tumminello, Paola</td>
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<td>Neurobiology of Addiction Research Center (NARC) - Core C</td>
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<td>Principal Investigator</td>
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<td>Turner, Robert</td>
<td>The Generalized Mozart Effect in Reducing Seizures in Individuals with Special Needs</td>
<td>MIND Institute</td>
<td>09/01/05 - 09/30/07</td>
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<td>Varma, Abhay</td>
<td>Prospective, Multi-Center, Clinical Study of Patients with Degenerative Disc Disease Treated with Anterior Cervical Decompression and Fusion Using the Vectra-T Translational Cervical Plate</td>
<td>Synthes (USA)</td>
<td>08/01/06 - 12/31/10</td>
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<td>Willis, Lauren</td>
<td>Beneficial Effects of Blueberries on Neural Transplants</td>
<td>NIH/NCCAM</td>
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<td>Woodward, John</td>
<td>Ethanol-Sensitivity-Native/Recombinant NMDA Receptors</td>
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<td>08/01/06 - 07/31/07</td>
<td>149,658</td>
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| Co-Investigator         | Delineating Viral Determinants of HAD Using SCID Mice                | Albert Einstein Coll. of Med. | 09/01/06 - 08/31/07  | 19,193   | 8,829  |
| Co-Investigator         | Opiate Drug and CNS Vulnerability to HIV                             | Univ. of Kentucky          | 08/01/06 - 07/31/09  | 62,912   |        |
| Co-PI/Project Leader    | Novel Treatment for HIV Encephalitis in Mice                         | VAMC                      | 10/01/07 - 09/30/08  | 29,600   |        |
| Co-Investigator         | Betaseron/Betaseron Efficacy Yielding Outcomes for a New Dose (BEYOND) | Berlex Laboratories        | 07/01/04 - 08/31/07  | 164,101  |        |
| Co-Investigator         | ICH Removal: Minimally Invasive Surgery + rt-PA (MISTIE)              | Johns Hopkins Univ.        | 10/01/07 - 09/30/11  | 29,600   |        |
| Co-Investigator         | Calpain Activation of T Cells in Demyelinating Disease               | NIH/NINDS                 | 08/01/06 - 12/31/10  | 48,680   |        |
| Co-Investigator         | Training in Alcohol Research                                         | Psychiatry and Behavioral Sciences | 04/01/97 - 07/31/07  | 11,973   |        |
| Co-Investigator         | Ethanol Sensitivity of Native and Cloned NMDA Receptors              | NIH/NIAAA                 | 08/01/06 - 07/31/07  | 149,658  |        |
| Co-Investigator         | Alcohol Research Center - Treatment and Implications - Component 4   | NIH/NIAAA                 | 04/01/07 - 03/31/08  | 266,442  |        |
| Co-Investigator         | Alcohol Research Center - Treatment and Implications - Component 4   | NIH/NIAAA                 | 08/01/06 - 07/31/07  | 149,658  |        |

| PI: Naren Banik          | Sponsor: NIH/NINDS                                                    | Award: 5 R01 NS041088-07 (07032192-1) |
| PI: Byron Bailey         | Sponsor: Johns Hopkins Univ.                                          | Award: 5 R01 NS046309-02/Modifi (06082840-1) |
| PI: Carrie Randall       | Sponsor: NIH/NIAAA                                                    | Award: 5 P50 AA010761-12 (06110216-7) |
| PI: Carrie Randall       | Sponsor: NIH/NIAAA                                                    | Award: 5 P50 AA010761-12 (06110216-16) |

| PI: Varma, Abhay         | Sponsor: NIH/NCCAM                                                    | Award: 5 F31 AT003023-02 (05011364) |
| PI: Willis, Lauren       | Sponsor: NIH/NIAAA                                                    | Award: 5 R01 AA009986-13 (07021529) |
| PI: Woodward, John       | Sponsor: NIH/NIAAA                                                    | Award: 5 P50 AA010761-12 (06110216-16) |

| Dept: Neurosciences     | Award: 5 P50 AA010761-12 (06110216-16) |
| Dept: Psychiatry and Behavioral Sciences | Award: 5 P50 AA010761-12 (06110216-7) |
**Medical University of South Carolina College of Medicine**  
**Research Faculty Activity**  
**Neurosciences**

### Zhou, Yan
**Principal Investigator**

**Mevalonate Biosynthetic Pathway in APP Processing**  
**Sponsor:** Alzheimers Assoc.  
**Budget Dates:** 09/01/06 - 08/31/07  
**Direct:** $45,454

**Isoprenoids and Aberrant Sprouting in Alzheimer's Disease**  
**Sponsor:** NIH/NIA  
**Budget Dates:** 09/30/06 - 04/30/07  
**Direct:** $44,000

### Obstetrics and Gynecology

**Carter, James**

**Co-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  
**Pl:** Steven Swift  
**Dept:** Obstetrics and Gynecology  
**Sponsor:** Duramed Research, Inc.  
**Budget Dates:** 09/30/06 - 04/30/07  
**Direct:** $37,800

### Chang, Eugene

**Co-PI/Project Leader**

Safety of N-Acetylcysteine in Maternal Chorioamnionitis  
**Pl:** Dorothea Jenkins  
**Dept:** Pediatrics  
**Sponsor:** NIH/NINDS  
**Budget Dates:** 07/31/06 - 06/05/09  
**Direct:** $4,531

### Creasman, William

**Principal Investigator**

A Multi-Center, Randomized, Open-Label, Parallel-Arm, Two-Stage Study of the Efficacy and Safety of AVE0005 (VEGF Trap) Administered Intravenously Every 2 Weeks in Patients with Platinum-and-Taxane-Resistant, Plus Topotecan-and/or Liposomal Doxorubicin-Resistant, Advanced Ovarian Cancer  
**Sponsor:** Sanofi Pharmaceuticals, Inc.  
**Budget Dates:** 07/31/06 - 06/05/09  
**Direct:** $92,310

A Multi-Center, Randomized, Double-Blind, Placebo-Controlled, Parallel-Arm Study of the Effect of Intravenous AVE0005 (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 - 06/05/09  
**Direct:** $122,310

### Goetzl, Laura

**Principal Investigator**

Determinants of Fetal Inflammatory Exposure at Term  
**Sponsor:** March of Dimes  
**Budget Dates:** 06/01/07 - 05/31/08  
**Direct:** $73,947

The Pregnancy Environment and Child Health (PEACH)  
**Sponsor:** Univ. of South Carolina  
**Budget Dates:** 03/01/07 - 02/28/08  
**Direct:** $22,775

### Goodnight, III, William

**Principal Investigator**

Get BBAK: Getting Your Body Back after Kids  
**Sponsor:** March of Dimes/SC Chapter  
**Budget Dates:** 03/01/07 - 02/28/08  
**Direct:** $16,542

**Co-Investigator**

A Multi-Center, Multi-National Study to Assess the Safety and Efficacy of Antithrombin Alfa in Hereditary Antithrombin (AT) Deficient Patients in High-Risk Situations for Thrombosis  
**Pl:** John Lazarchick  
**Dept:** Pathology and Laboratory Medicine  
**Sponsor:** PPD Development  
**Budget Dates:** 03/01/07 - 02/28/08  
**Direct:** $0

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**Annual Report for Research FY2007**

95
Johnson, Donna
Principal Investigator
A Parallel, Double-Blind, Placebo-Controlled, Randomized Comparison of Digibind versus Placebo for the Treatment of Antepartum Patients with Severe Preeclampsia
Sponsor: Protherics PLC
Budget Dates: 02/22/05 - 02/16/08
Direct: $58,240
F & A: 14,560
Awards: DEEP Study (05020811)

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: $111,600
F & A: 27,150
Awards: 06-007 (07042310-1)

Kohler, Matthew
Co-PI/Project Leader
A Multi-Center, Randomized, Double-Blind, Placebo-Controlled, Parallel-Arm Study of the Effect of Intravenous AVE0005 (VEGF Trap) Administered Every 2 Weeks in Advanced Ovarian Cancer Patients with Recurrent Symptomatic Malignant Ascites
PI: William Creasman
Sponsor: Sanofi-Aventis US, Inc.
Total: $122,310
Awards: EFC6125 (06080230-1)

Leboeuf, Faye
Principal Investigator
MUSC Women’s Health TriCounty Integrated Sexual Assault SAFE Team Center
Sponsor: SC Dept. of Public Safety
Budget Dates: 10/01/06 - 09/30/07
Direct: $20,230
F & A: 0
Awards: 1K06030 (06051230)

Newman, Roger
Principal Investigator
Preterm Birth Prevention Project
Sponsor: March of Dimes/SC Chapter
Budget Dates: 03/01/07 - 02/28/08
Direct: $43,344
F & A: 0
Awards: 06091791

Prevention Partnership Grant (Year Two)
Sponsor: SC DHHS
Budget Dates: 12/01/06 - 11/30/07
Direct: $439,050
F & A: 0
Awards: 06092665

The Wilmot Fraser Project: Prevention of Obesity and Enhancement of Physical Fitness in Children with a Multidisciplinary after School Program
Sponsor: SC DHHS
Budget Dates: 12/01/06 - 11/30/07
Direct: $62,022
F & A: 0
Awards: 06092770

Preterm Birth Prevention Project Participant Incentive Initiative
Sponsor: March of Dimes/SC Chapter
Budget Dates: 06/01/07 - 05/31/08
Direct: $3,000
F & A: 0
Awards: #00405951 (07032713)

Savage, Ashlyn
Co-Investigator
A Prospective, Multi-Center, Double-Blinded, Randomized Study to Evaluate Bleeding Patterns in Women Using One of Three Different Ascending Dose Extended Cycle (91-Day) Oral Contraceptive Regimens (DR-1031) Compared to Seasonale Oral Contraceptive Regimen
PI: David Soper
Sponsor: Duramed Research, Inc.
Total: $62,580
Awards: DR-ASC-201 (06100507-1)
An Open-Label Study of the Efficacy and Safety of a New Norethindrone Acetate/Ethinyl Estradiol Oral Contraceptive

PI: David Soper
Dept: Obstetrics and Gynecology
Sponsor: Warner Chilcott, Inc.
Total: $ 183,600
Award: PR-05806.0 (06110213-1)

Sper, David
Principal Investigator

Palmetto Project AccessNet Consortium Healthy Community Access Program
Sponsor: Palmetto Project
Dept: Obstetrics and Gynecology
Award: (06012650)

A Prospective, Multi-Center, Double-Blinded, Randomized Study to Evaluate Bleeding Patterns in Women Using One of Three Different Ascending Dose Extended Cycle (91-Day) Oral Contraceptive Regimens (DR-1031) Compared to Seasonale Oral Contraceptive Regimen
Sponsor: Duramed Research, Inc.
Dept: Obstetrics and Gynecology
Award: DR-ASC-201 (06100507)

An Open-Label Study of the Efficacy and Safety of a New Norethindrone Acetate/Ethinyl Estradiol Oral Contraceptive
Sponsor: Warner Chilcott, Inc.
Dept: Obstetrics and Gynecology
Award: PR-05806.0 (06110213)

Sullivan, Scott
Co-Investigator

Prevention Partnership Grant (Year Two)
PI: Roger Newman
Dept: Obstetrics and Gynecology
Award: (06092655-1)

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.
Dept: Obstetrics and Gynecology
Award: DR-CEN-302 (06060230)

Post Approval Registry: Assessment of Long-Term Safety and Effectiveness in Female Patients Treated with TegressTM Urethral Implant for Stress Urinary Incontinence
Sponsor: Tegress 6001 (06111751)
Dept: Obstetrics and Gynecology
Award: A0221008 (07050972)

Ophthalmology

Ablonczy, Zsolt
Co-Investigator

Synthetic Retinal Pigments and Binding Proteins
PI: Rosalie Crouch
Dept: Ophthalmology
Award: 5 R01 EY004939-24 (07021426-1)

Bowie, Esther
Principal Investigator

A Phase IV, Open-Label, Multi-Center Trial of Maintenance Intravitreous Injections of Macugen (Pegaptanib Oodium) Given Every 6 Weeks for 48 Weeks in Subjects with Subfoveal Neovascular Age-Related Macular Degeneration (AMD) Initially Treated with a Modality Resulting in Maculopathy Improvement
Sponsor: OSI Pharmaceuticals, Inc.
Dept: Ophthalmology
Award: EOP1023 (06101848)

Crosson, Craig
Principal Investigator

IOP Assessment of Adenosine A1 Agonists
Sponsor: Inotek Pharmaceuticals
Dept: Ophthalmology
Award: 01764 (06112990)

Adenosine Agonists: Potential Antiglaucoma Agents
Sponsor: NIH/NEI
Dept: Ophthalmology
Award: 5 R01 EY009741-15 (07011261)
Core Resources for Vision Research at MUSC
Sponsor: NIH/NEI
Award: 5 R24 EY014793-05 (07041888)
Budget Dates: 05/01/07 - 04/30/08  Direct: $ 135,944
Project Dates: 05/01/03 - 04/30/08  F & A:  62,534

Alcon Outflow Facility Study
Sponsor: Alcon, Inc.
Award: Outflow Facility Study (07042313)
Budget Dates: 04/01/07 - 12/31/07  Direct: $ 27,397
Project Dates: 04/01/07 - 12/31/07  F & A:  12,603

Acute IOP Dose-Response Study
Sponsor: Cara Therapeutics, Inc.
Award: CaraTher-1 (07052116)
Budget Dates: 05/01/07 - 09/30/07  Direct: $ 10,000
Project Dates: 05/01/07 - 09/30/07  F & A:  4,600

Crosson, Craig
Co-Investigator
Kinin/PGE Interaction in Control of Intraocular Pressure
PI: Jerry Webb
Dept: Cell and Molecular Pharmacology
Total: $ 194,206
Sponsor: NIH/NEI
Award: 5 R01 EY014653-03 (07021313-1)

Crouch, Rosalie
Principal Investigator
Synthetic Retinal Pigments and Binding Proteins
Sponsor: NIH/NEI
Award: 5 R01 EY004939-24 (07021426)
Budget Dates: 04/01/07 - 03/31/08  Direct: $ 281,226
Project Dates: 08/01/03 - 03/31/11  F & A:  124,831

Maintenance of Cone Viability in the Absence of 11-cis Retinal
Sponsor: Fdn. Fighting Blindness
Award: TA-NP-0606-0341-MUSC (07060812)
Budget Dates: 06/01/07 - 05/31/08  Direct: $ 77,182
Project Dates: 06/01/06 - 05/31/09  F & A:  0

Husain, Shahid
Principal Investigator
Effects of Some Alcon’s Compound on MMP Secretion from Human Ciliary Muscle Cells
Sponsor: Alcon, Inc.
Award: (07040346)
Budget Dates: 04/01/07 - 12/31/07  Direct: $ 32,000
Project Dates: 04/01/07 - 12/31/07  F & A:  8,000

Kono, Masahiro
Co-Investigator
Synthetic Retinal Pigments and Binding Proteins
PI: Rosalie Crouch
Dept: Ophthalmology
Total: $ 227,000
Sponsor: NIH/NEI
Award: 5 R01 EY004939-24 (07021426-1)

Koutalos, Yiannis
Principal Investigator
Transport Processes in Photoreceptors
Sponsor: NIH/NEI
Award: 5 R01 EY014850-03 (04081703)
Budget Dates: 09/01/06 - 08/31/08  Direct: $ 195,300
Project Dates: 09/06/04 - 08/31/08  F & A:  88,038

Lee, David
Principal Investigator
A 12-Week, Randomized, Double-Masked, Parallel-Group Comparison of Xalacom Given in the Evening, Xalatan Given in the Evening and Timolol Given in the Morning in Subjects with Open Angle Glaucoma or Ocular Hypertension in the United States
Sponsor: Pfizer, Inc.
Award: A6641044 (06031566)
Budget Dates: 10/03/05 - 12/31/07  Direct: $ 1,680
Project Dates: 10/03/05 - 12/31/07  F & A:  420

Peterseim, Mae
Co-Investigator
A Safety and Efficacy Study of Zylet® (Loteprednol Etafone 0.5% and Tobramycin 0.3% Ophthalmic Suspension) Compared to Vehicle in the Management of Lid Inflammation in Pediatric Subjects
PI: M. Wilson
Dept: Ophthalmology
Total: $ 16,060
Sponsor: Bausch and Lomb
Award: 459 (06120716-1)

Rohrer, Baerbel
Principal Investigator
Cell Death Mechanisms in Experimental Glaucoma
Sponsor: Duke Univ.
Award: 5 R01 EY016516-02 (05051608)
Budget Dates: 07/01/06 - 06/30/07  Direct: $ 22,432
Project Dates: 08/01/05 - 05/31/10  F & A:  10,319
## Blocking Alternative Complement Activation in Animal Models of AMD

**Sponsor:** Fdn. Fighting Blindness  
**Budget Dates:** 05/01/07 - 04/30/08  
**Direct:** $100,000  
**Award:** TA-NP-0507-0387-USC (06081169)  
**Project Dates:** 05/01/07 - 04/30/10  
**F & A:** 0

### Co-PI/Project Leader

**Rohrer, Baerbel**

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

**Pl:** Ann-Charlotte Granholm  
**Sponsor:** NIH/NIA  
**Total:** $147,169

### Co-Investigator

**Synthetic Retinal Pigments and Binding Proteins**

**Pl:** Rosalie Crouch  
**Sponsor:** NIH/NEI  
**Total:** $242,750

### Saunders, Richard

**Principal Investigator**

*Early Treatment of Retinopathy of Prematurity, Phase II*

**Sponsor:** Univ. of Texas Health Science Center at Houston  
**Budget Dates:** 09/30/06 - 09/29/07  
**Direct:** $8,283  
**Award:** 5 U10 EY012471-08/4359-C (06100508)  
**Project Dates:** 09/30/04 - 09/29/09  
**F & A:** $3,810

### Solomon, Kerry

**Principal Investigator**

*Clinical Study of the ACRYSOF Angle-Supported Phakic Intraocular Lens*

**Sponsor:** Alcon, Inc.  
**Budget Dates:** 09/01/04 - 03/31/08  
**Direct:** $146,832  
**Award:** C-02-23 (04092105)  
**Project Dates:** 09/01/04 - 03/31/08  
**F & A:** $36,708

### Trivedi, Rupalben

**Principal Investigator**

*Evaluation of the Use of Sealed Capsule Irrigation for Pediatric Cataract Intraocular Implantation Surgery*

**Sponsor:** Amer. Society of Cataract and Refractive Surgery  
**Budget Dates:** 02/01/06 - 01/31/09  
**Direct:** $5,000  
**Award:** (06082212)  
**Project Dates:** 02/01/06 - 01/31/09  
**F & A:** 0

### Wilson, M.

**Principal Investigator**

*Clinical Evaluation of the Safety of Next Generation Ophthalmic Irrigating Solution Compared to BSS Plus for Use During Cataract Extraction in Pediatric Patients*

**Sponsor:** Emory Univ.  
**Budget Dates:** 07/01/04 - 05/30/09  
**Direct:** $8,350  
**Award:** 1 U10 EY013272-03 (06082947-1)  
**Project Dates:** 07/01/04 - 05/30/09  
**F & A:** $3,841

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**Research to Prevent Blindness**

*Student Sight Savers Program*

**Sponsor:** Friends of the Congressional Glaucoma Caucus  
**Budget Dates:** 02/06/06 - 02/05/07  
**Direct:** $15,500  
**Award:** H74/CH221874-04 (06081061)  
**Project Dates:** 02/06/06 - 02/05/08  
**F & A:** 0

*Infant Aphakia Treatment Study*

**Sponsor:** Emory Univ.  
**Budget Dates:** 06/01/06 - 05/31/07  
**Direct:** $8,350  
**Award:** 1 U10 EY013272-03 (06082947)  
**Project Dates:** 06/01/06 - 05/30/09  
**F & A:** $3,841

*A Safety and Efficacy Study of Zylet? (Loteprednol Etabonate 0.5% and Tobramycin 0.3% Ophthalmic Suspension) Compared to Vehicle in the Management of Lid Inflammation in Pediatric Subjects*

**Sponsor:** Bausch and Lomb  
**Budget Dates:** 12/01/06 - 12/31/07  
**Direct:** $16,060  
**Award:** 459 (06120716)  
**Project Dates:** 12/01/06 - 12/31/07  
**F & A:** $3,390

*Research to Prevent Blindness*

**Sponsor:** Research to Prevent Blindness  
**Budget Dates:** 01/01/07 - 12/31/07  
**Direct:** $110,000  
**Award:** (98071702)  
**Project Dates:** 01/01/07 - 12/31/07  
**F & A:** 0

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**Annual Report for Research FY2007**
Wilson, M.  

**Co-Investigator**  
Evaluation of the Use of Sealed Capsule Irrigation for Pediatric Cataract Intraocular Implantation Surgery  
PI: Rupalben Trivedi  
Sponsor: Amer. Society of Cataract and Total: $5,000  
Dept: Ophthalmology  
Award: (06082212-1)

### Orthopaedic Surgery

**An, Y.**  

**Principal Investigator**  
**Evaluation of ComPreSs Prosthesis in a Canine Amputation Model**  
Sponsor: Biomet, Inc.  
Budget Dates: 01/01/07 - 12/31/07  
Direct: $36,529  
F & A: 16,804  
Award: Transdermal ComPreSs (07012932)

**Co-PI/Project Leader**  
Effect of Delayed Surgery on Infection Rate of Open Fractures in a Rabbit Model  
PI: Langdon Hartsock  
Sponsor: Orthopedic Trauma Assoc.  
Total: $25,000  
Dept: Orthopaedic Surgery  
Award: (07013146-1)

**Demos, Harry**  

**Principal Investigator**  
**Biomechanics of Locking Plates in Periprosthetic Fractures**  
Sponsor: Synthes (USA)  
Budget Dates: 09/01/06 - 08/31/09  
Direct: $27,711  
F & A: 12,747  
Award: (06080849)

**Glaser, John**  

**Co-Investigator**  
Intralaminar Fixation in the Cervical Spine: A Novel Method to Achieve Better Fixation While Minimizing the Risk of Complications  
PI: Tyler Wind  
Sponsor: Synthes (USA)  
Total: $5,200  
Dept: Orthopaedic Surgery  
Award: (07041991-1)

**Hartsock, Langdon**  

**Principal Investigator**  
**Effect of Delayed Surgery on Infection Rate of Open Fractures in a Rabbit Model**  
Sponsor: Orthopedic Trauma Assoc.  
Budget Dates: 01/01/07 - 12/31/07  
Direct: $25,000  
F & A: 0  
Award: (07013146)

**Kang, Qian**  

**Co-PI/Project Leader**  
Evaluation of ComPreSs Prosthesis in a Canine Amputation Model  
PI: Y. An  
Sponsor: Biomet, Inc.  
Total: $36,529  
Dept: Orthopaedic Surgery  
Award: Transdermal ComPreSs (07012932-1)

**Schutte, Del**  

**Principal Investigator**  
**LCS Complete Long Term Retrospective/Prospective Follow-Up Study**  
Sponsor: Depuy Orthopaedics  
Budget Dates: 10/01/05 - 06/03/07  
Direct: $163,200  
F & A: 40,800  
Award: 05091 (06012759)

A Randomized, Double-Blind, Active- and Placebo-Controlled, Parallel-Group, Multi-Center Study to Evaluate the Efficacy and Safety of Multiple Doses of CG5503 Immediate-Release Formulation in the Treatment of Acute Pain from Total Hip Replacement Surgery Followed by a Voluntary Open-Label Extension  
Sponsor: Johnson and Johnson  
Budget Dates: 08/22/06 - 12/01/07  
Direct: $267,673  
F & A: 66,918  
Award: R331333-PAI-3001 (06090763)

**Wind, Tyler**  

**Principal Investigator**  
Intralaminar Fixation in the Cervical Spine: A Novel Method to Achieve Better Fixation While Minimizing the Risk of Complications  
Sponsor: Synthes (USA)  
Budget Dates: 04/15/07 - 04/14/08  
Direct: $5,200  
F & A: 1,300  
Award: (07041991)

### Otolaryngology

**Ahlstrom, Jayne**  

**Co-Investigator**  
Experimental and Clinical Studies of Presbyacusis - Project 2  
PI: Judy Dubno  
Sponsor: NIH/NIDCD  
Total: $182,716  
Dept: Otolaryngology  
Award: 5 P50 DC000422-20 (05042540-9)

Auditory Analysis and Speech Recognition  
PI: Judy Dubno  
Sponsor: NIH/NIDCD  
Total: $212,500  
Dept: Otolaryngology  
Award: 2 R01 DC000184-25A1 (05102585-1)
Dubno, Judy

**Principal Investigator**

**Experimental and Clinical Studies of Presbyacusis**
- **Sponsor:** NIH/NIDCD
- **Award:** 5 P50 DC000422-20 (05042540)
- **Budget Dates:** 07/01/06 - 06/30/07
- **Direct:** $1,113,287
- **F & A:** $512,112

**Auditory Analysis and Speech Recognition**
- **Sponsor:** NIH/NIDCD
- **Award:** 2 R01 DC000184-25A1 (05102585)
- **Budget Dates:** 07/01/06 - 06/30/07
- **Direct:** $212,500
- **F & A:** $97,750

Gillespie, M.

**Principal Investigator**

**A Phase 2, Open-Label Trial of the Safety and Biological Effect of Pre-Operative Peri-Lymphatic Ultra-Low Dose IRX-2 (with Cyclophosphamide, Indomethacin, and Zinc) in Patients with Resectable Cancer of the Head and Neck**
- **Sponsor:** Quintiles Pacific, Inc.
- **Award:** IRX-2 2005A (06083050)
- **Budget Dates:** 10/12/06 - 10/11/12
- **Direct:** $41,268
- **F & A:** $9,692

**Pillar Palatal Implant System Additional Implant Study**
- **Sponsor:** Restore Medical, Inc.
- **Award:** IDEG060056 (06100401)
- **Budget Dates:** 10/12/06 - 10/11/12
- **Direct:** $40,660
- **F & A:** $9,540

**Randomized Placebo-Controlled Study of the Pillar? Palatal Implant System with CPAP Clinical Study**
- **Sponsor:** Restore Medical, Inc.
- **Award:** 845 (07032819)
- **Budget Dates:** 10/12/06 - 10/11/12
- **Direct:** $64,580
- **F & A:** $15,520

Harris, Kelly

**Co-Investigator**

**Experimental and Clinical Studies of Presbyacusis - Project 1**
- **Sponsor:** NIH/NIDCD
- **Dept:** Microbiology and Immunology
- **Award:** 5 P20 RR017696-05 (05050588-15)
- **Total:** $98,581

**Experimental and Clinical Studies of Presbyacusis - Project 3**
- **Sponsor:** NIH/NIDCD
- **Dept:** Microbiology and Immunology
- **Award:** 5 P20 RR017696-05 (05050588-16)
- **Total:** $98,619

He, Ning-Ji

**Co-Investigator**

**Experimental and Clinical Studies of Presbyacusis - Project 1**
- **Sponsor:** NIH/NIDCD
- **Dept:** Otolaryngology
- **Award:** 5 P50 DC000422-20 (05042540-8)
- **Total:** $311,203

**Auditory Analysis and Speech Recognition**
- **Sponsor:** NIH/NIDCD
- **Dept:** Otolaryngology
- **Award:** 2 R01 DC000184-25A1 (05102585)
- **Total:** $212,500

Hornig, Joshua

**Principal Investigator**

**Dissector Plasma Knife Versus Bipolar Forceps and Cold Scalpel Rat Sciatic Nerve Injury Study**
- **Sponsor:** Gyrus
- **Award:** dPK Nerve Damage Study (07030946)
- **Budget Dates:** 03/07/07 - 10/31/07
- **Direct:** $16,575
- **F & A:** $7,625

**An International, Phase II, Randomized, Double-Blinded, Placebo-Controlled, Multi-Center Study to Assess the Efficacy of ZD6474 (ZACTIMA) versus Placebo in Subjects with Unresectable Locally Advanced or Metastatic Medullary Thyroid Cancer**
- **Sponsor:** Astrazeneca
- **Award:** D4200C00058 (07050867)
- **Budget Dates:** 05/17/07 - 05/30/11
- **Direct:** $82,422
- **F & A:** $19,856
## College of Medicine
Medical University of South Carolina

### Otolaryngology
Research Faculty Activity

### Horwitz, Amy
**Co-Investigator**

#### Experimental and Clinical Studies of Presbyacusis - Project 2
- **PI:** Judy Dubno  
- **Sponsor:** NIH/NIDCD  
- **Total:** $182,716

#### Auditory Analysis and Speech Recognition
- **PI:** Judy Dubno  
- **Sponsor:** NIH/NIDCD  
- **Total:** $212,500

### Lambert, Paul
**Co-PI/Project Leader**

#### Experimental and Clinical Studies of Presbyacusis - Core B
- **PI:** Judy Dubno  
- **Sponsor:** NIH/NIDCD  
- **Total:** $204,555

### Lathers, Deanne
**Principal Investigator**

#### Mechanisms by Which Tumors Impair Anti-Tumor Immunity
- **Sponsor:** VAMC  
- **Budget Dates:** 10/01/06 - 09/30/07  
- **Direct:** $224,506  
- **Award:** (06062413)

#### Standardized Assessment of Swallowing Impairment
- **Sponsor:** NIH/NIDCD  
- **Budget Dates:** 01/12/07 - 12/31/07  
- **Direct:** $182,704  
- **Award:** 5 K23 DC005764-05 (07050242)

### Lee, Fu-Shing
**Co-Investigator**

#### Experimental and Clinical Studies of Presbyacusis - Core B
- **PI:** Judy Dubno  
- **Sponsor:** NIH/NIDCD  
- **Total:** $204,555

### Martin-Harris, Bonnie
**Principal Investigator**

#### Measurement Model for Respiratory-Swallowing Impairment
- **Sponsor:** NIH/NIDCD  
- **Budget Dates:** 01/01/06 - 12/31/07  
- **Direct:** $49,972  
- **Award:** 1 R24 DC008647-01 (06031673)

#### Standardized Assessment of Swallowing Impairment
- **Sponsor:** NIH/NIDCD  
- **Budget Dates:** 05/01/07 - 04/30/08  
- **Direct:** $13,456  
- **Award:** 5 K23 DC005764-05 (07050242)

### Matthews, Lois
**Co-Investigator**

#### Experimental and Clinical Studies of Presbyacusis - Project 1
- **PI:** Judy Dubno  
- **Sponsor:** NIH/NIDCD  
- **Total:** $311,203

#### Experimental and Clinical Studies of Presbyacusis - Core B
- **PI:** Judy Dubno  
- **Sponsor:** NIH/NIDCD  
- **Total:** $204,555

### Meyer, Ted
**Principal Investigator**

#### Signal Detection with Cochlear Implants
- **Sponsor:** Amer. Acad. of Otolaryngology  
- **Budget Dates:** 10/01/06 - 09/30/07  
- **Direct:** $22,727  
- **Award:** (06013080)

#### Bilateral Benefit in Adult Users of the HiRes 90K Bionic Ear System
- **Sponsor:** Advanced Bionics  
- **Budget Dates:** 05/15/06 - 12/31/07  
- **Direct:** $10,750  
- **Award:** (06051532)

### Poth, Elizabeth
**Co-Investigator**

#### Experimental and Clinical Studies of Presbyacusis - Core B
- **PI:** Judy Dubno  
- **Sponsor:** NIH/NIDCD  
- **Total:** $204,555

### Schlosser, Rodney
**Principal Investigator**

#### Effects of Second Hand Smoke on Sinonasal Immunity
- **Sponsor:** Charleston Research Institute  
- **Budget Dates:** 07/01/06 - 06/30/07  
- **Direct:** $100,000  
- **Award:** (07012624)
Schmiedt, Richard  
**Principal Investigator**  
**Physiological Studies of Age-Related Hearing Loss**  
Sponsor: NIH/NIA  
Award: 5 R01 AG014748-10 (07011879)  
Budget Dates: 04/01/07 - 03/31/08  
Direct: $165,932  
F & A: $76,329  

**Co-Investigator**  
**Experimental and Clinical Studies of Presbyacusis - Project 1**  
Pl: Judy Dubno  
Dept: Otolaryngology  
Award: 5 P50 DC000422-20 (05042540-8)  
Total: $311,203  

**Experimental and Clinical Studies of Presbyacusis - Core A**  
Pl: Judy Dubno  
Dept: Otolaryngology  
Award: 5 P50 DC000422-20 (05042540-11)  
Total: $92,304  

Strange, Christine  
**Co-Investigator**  
**Experimental and Clinical Studies of Presbyacusis - Project 1**  
Pl: Judy Dubno  
Dept: Otolaryngology  
Award: 5 P50 DC000422-20 (05042540-8)  
Total: $311,203  

Young, M.  
**Principal Investigator**  
**Vitamin D Therapy to Enhance Intratumoral Anti-Cancer Immune Reactivity**  
Sponsor: VAMC  
Award: (05060632)  
Budget Dates: 10/01/06 - 09/30/07  
Direct: $148,000  

**Blocking Angiogenesis by Targeting PP-2A Pathways**  
Sponsor: NIH/NCI  
Award: 5 R01 CA097813-05 (07021528)  
Budget Dates: 05/01/07 - 04/30/08  
Direct: $189,873  

**Defining and Interrupting the Pathways that Lead to HNSCC Invasiveness**  
Sponsor: VAMC  
Award: (07063042)  
Budget Dates: 10/01/07 - 09/30/08  
Direct: $7,000  

**Pathology and Laboratory Medicine**  
Bose, Sudeep  
**Co-Investigator**  
**Translational Research on Cancer Control and Related Therapy: Analysis of Human Beta Defensin--1 Regulation in Prostate Cancer**  
Pl: Andrew Kraft  
Dept: Medicine  
Sponsor: Science Applications Intl. Cor  
Total: $60,000  
Award: GC-3319-05-44598CM (05110129-6)  

Brown, Erika  
**Principal Investigator**  
**Mechanistic Studies of BRCA2-RAD51 Mediated DNA Repair**  
Sponsor: NIH/NCI  
Award: 5 K01 CA096994-05 (04082602)  
Budget Dates: 09/01/06 - 08/31/08  
Direct: $109,080  
F & A: $8,726  

Cunningham, Lisa  
**Principal Investigator**  
**Mechanisms of Sensory Hair Cell Death and Survival**  
Sponsor: NIH/NIDCD  
Award: 5 R01 DC007613-02 (04092204)  
Budget Dates: 07/15/05 - 06/30/10  
Direct: $244,125  
F & A: $112,298  

Dammai, Vincent  
**Principal Investigator**  
**Cellular Factors Promoting Renal Cell Carcinoma**  
Sponsor: NIH/NCI  
Award: 1 R01 CA128002-01 (06060125)  
Budget Dates: 04/01/07 - 01/31/12  
Direct: $190,000  
F & A: $87,400  

**Co-Investigator**  
**Role of Ets Genes in Transformation and Differentiation - Project 2**  
Pl: Dennis Watson  
Dept: Pathology and Laboratory Medicine  
Sponsor: NIH/NCI  
Total: $147,928  
Award: 5 P01 CA078582-08 (07022773-6)  

Donald, Carlton  
**Co-PI/Project Leader**  
**Translational Research on Cancer Control and Related Therapy: Analysis of Human Beta Defensin--1 Regulation in Prostate Cancer**  
Pl: Andrew Kraft  
Dept: Medicine  
Sponsor: Science Applications Intl. Cor  
Total: $60,000  
Award: GC-3319-05-44598CM (05110129-6)
PAX 2 as a Therapeutic Target for Prostate Cancer
PI: Willietta Gibson Sponsor: NIH/NCI Total: $ 29,299
Dept: Pathology and Laboratory Medicine Award: 1 F31 CA119957-01A1 (05111576-1)

Fan, Weimin
Principal Investigator
Exploratory Studies of Selective Receptor Tyrosine Kinase Inhibitors
Sponsor: Xcovery, Inc. Budget Dates: 11/01/06 - 10/31/07 Direct: $ 100,000
Award: (06102790) Project Dates: 11/01/06 - 10/31/07 F & A: 46,000

Fraig, Mostafa
Co-Investigator
Computer-Aided Cancer Management - Supplement Gastroenterology
Pl: Gerard Silvestri Sponsor: DOD Total: $ 109,185
Dept: Medicine Award: W81XWH-05-1-0378 (04070126-12)

Cellular Factors Promoting Renal Cell Carcinoma
Pl: Vincent Dammai Sponsor: NIH/NCI Total: $ 190,000
Dept: Pathology and Laboratory Medicine Award: 1 R01 CA128002-01 (06060125-1)

Detection of Occult Mediastinal Lymph Node Metastases
Pl: Michael Mitas Sponsor: Mayo Clinic Total: $ 117,892
Dept: Surgery Award: 5 R33 CA097875-05/Amd. (06121434-1)

Role of Ets Genes in Transformation and Differentiation - Core A: Administrative Core
Pl: Dennis Watson Sponsor: NIH/NCI Total: $ 54,471
Dept: Pathology and Laboratory Medicine Award: 5 P01 CA078582-08 (07022773-2)

Gibson, Willietta
Principal Investigator
PAX 2 as a Therapeutic Target for Prostate Cancer
Sponsor: NIH/NCI Budget Dates: 08/20/06 - 05/18/07 Direct: $ 29,299
Award: 1 F31 CA119957-01A1 (05111576) Project Dates: 08/20/06 - 05/18/07 F & A: 0

Hazen-Martin, Debra
Co-PI/Project Leader
Oncology Center: Hollings Cancer Translational Research Core Development Grant
Pl: Andrew Kraft Sponsor: DOE Total: $ 226,605
Dept: Medicine Award: DE FG02 01ER63121 (04042303-3)

Hsu, Tien
Principal Investigator
Control of Epithelial Morphogenesis in Drosophila Ovary
Sponsor: NIH/NIGMS Budget Dates: 07/01/99 - 06/30/08 Direct: $ 185,535
Award: 5 R01 GM057843-08 (05042867) Project Dates: 07/01/99 - 06/30/08 F & A: 85,346

VHL and FGFR Signaling in Angiogenesis
Sponsor: NIH/NCI Budget Dates: 05/01/97 - 04/30/08 Direct: $ 194,378
Award: 5 R01 CA109860-04 (07022775) Project Dates: 07/01/99 - 06/30/08 F & A: 89,414

Co-PI/Project Leader
Role of Ets Genes in Transformation and Differentiation - Project 2
Pl: Dennis Watson Sponsor: NIH/NCI Total: $ 147,928
Dept: Pathology and Laboratory Medicine Award: 5 P01 CA078582-08 (07022773-6)

Co-Investigator
Translational Research on Cancer Control and Related Therapy: Analysis of Human Beta Defensin--1
Regulation in Prostate Cancer
Pl: Andrew Kraft Sponsor: Science Applications Intl. Cor Total: $ 60,000
Dept: Medicine Award: GC-3319-05-44598CM (05110129-6)

Cellular Factors Promoting Renal Cell Carcinoma
Pl: Vincent Dammai Sponsor: NIH/NCI Total: $ 190,000
Dept: Pathology and Laboratory Medicine Award: 1 R01 CA128002-01 (06060125-1)

Role of Ets Genes in Transformation and Differentiation - Core A: Administrative Core
Pl: Dennis Watson Sponsor: NIH/NCI Total: $ 54,471
Dept: Pathology and Laboratory Medicine Award: 5 P01 CA078582-08 (07022773-2)

Role of Ets Genes in Transformation and Differentiation - Core C: Cellular Function Core
Pl: Dennis Watson Sponsor: NIH/NCI Total: $ 48,027
Dept: Pathology and Laboratory Medicine Award: 5 P01 CA078582-08 (07022773-4)
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<td>Lina Obeid</td>
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<td>Richard Schmiedt</td>
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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
Total: $ 49,200
Award: Beta Protocol (07062809-1)

Schulte, Bradley

Co-PI/Project Leader
Experimental and Clinical Studies of Presbyacusis - Project 3
Pl: Judy Dubno
Dept: Otolaryngology
Sponsor: NIH/NIDCD
Total: $ 322,509
Award: 5 P50 DC000422-20 (05042540-10)

Co-Investigator
Angiogenesis, Functional Recovery and TNF-a after Stroke
Pl: Ling Wei
Dept: Pathology and Laboratory Medicine
Sponsor: NIH/NINDS
Total: $ 175,414
Award: 5 R01 NS045810-04 (07022148-1)

Singh, Avtar

Co-Investigator
Structure/Function of Peroxisomes in Neuroinflammation
Pl: Inderjit Singh
Dept: Pediatrics
Sponsor: NIH/NINDS
Total: $ 219,267
Award: 5 R01 NS034741-11 (07031467-1)

Spicer, Samuel

Co-Investigator
Experimental and Clinical Studies of Presbyacusis - Project 3
Pl: Judy Dubno
Dept: Otolaryngology
Sponsor: NIH/NIDCD
Total: $ 322,509
Award: 5 P50 DC000422-20 (05042540-10)

Spyropoulos, Demetri

Co-Investigator
SC COBRE in Lipidomics and Pathobiology: Core C - Animal Pathobiology Core
Pl: Lina Obeid
Dept: Biochemistry and Molecular Biology
Sponsor: NIH/NCRR
Total: $ 93,976
Award: 5 P20 RR017677-05 (05062082-18)

SC COBRE for Developmentally Based Cardiovascular Diseases: Core D - Gene Function
Pl: Roger Markwald
Dept: Cell Biology and Anatomy
Sponsor: NIH/NCRR
Total: $ 171,197
Award: 2 P20 RR016434-06 (06010570-11)

Role of Ets Genes in Transformation and Differentiation - Core B: IVEC Core
Pl: Dennis Watson
Dept: Pathology and Laboratory Medicine
Sponsor: NIH/NCI
Total: $ 133,590
Award: 5 P01 CA078582-08 (07022773-3)

Steed, Lisa

Principal Investigator
BBL CHROMagar VRE Evaluation for Detection of Vancomycin Resistance in Enterococci
Sponsor: Becton Dickinson
Budget Dates: 05/01/07 - 04/30/08
Direct: $ 32,500
Award: 06C1-020-CVRE-MUSC (07042731)
Project Dates: 05/01/07 - 04/30/08
F & A: 7,500

Co-Investigator
Copper Antimicrobial Research Program (CAP)
Pl: Michael Schmidt
Dept: Microbiology and Immunology
Sponsor: Advanced Technology Institut
Total: $ 230,623
Award: 2007-614 (06080232-1)

Copper Air Quality Program (CAQP)
Pl: Michael Schmidt
Dept: Microbiology and Immunology
Sponsor: Advanced Technology Institut
Total: $ 27,423
Award: 2007-617 (06102056-1)

Wang, Yong

Co-Investigator
Promoting Hematopoietic and Immune Reconstitution after Total Body Irradiation
Pl: Daohong Zhou
Dept: Pathology and Laboratory Medicine
Sponsor: Duke Univ.
Total: $ 33,334
Award: 140514/303-0914 parent (07011254-1)

Watson, Dennis

Principal Investigator
Role of Ets Genes in Transformation and Differentiation
Sponsor: NIH/NCI
Budget Dates: 05/01/07 - 04/30/08
Direct: $ 793,011
Award: 5 P01 CA078582-08 (07022773)
Project Dates: 09/30/98 - 04/30/10
F & A: 353,415

Co-Investigator
Fibrosis: Molecular Basis of Fibroblast Activation
Pl: Maria Trojanowska
Dept: Medicine
Sponsor: NIH/NIAMS
Total: $ 169,724
Award: 5 R01 AR042334-13 (07012933-1)
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<td>Neuroprotective Drug after Ischemic Stroke Animal</td>
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<td>Merck</td>
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<td>Protective and Proliferative Effects of Recombinant Human Erythropoietin</td>
<td>Christine Keogh</td>
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<td>Role of Proteinase in Spinal Cord Injury</td>
<td>Naren Banik</td>
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<td>Proteolytic Control of Glioblastoma</td>
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<td>Evaluations of the Cepheid HemosIL Xpert Factor II and V Assay</td>
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<td>Caspase Inhibitors - Novel Radioprotectants</td>
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**D609-A Novel Cytoprotectant and Selective Antitumor Agent**

**Sponsor:** NIH/NCI  
**Budget Dates:** 04/01/07 - 03/31/08  
**Direct:** $182,596

**Zhou, Daohong**  
**Co-Investigator**

**SC COBRE in Lipidomics and Pathobiology: Core A - Administrative Core**

**Pl:** Lina Obeid  
**Dept:** Biochemistry and Molecular Biology  
**Award:** 5 R01 CA102558-04 (07012407)  
**Project Dates:** 04/01/07 - 03/31/08  
**Total:** $179,112

**Angiogenesis, Functional Recovery and TNF-a after Stroke**

**Pl:** Ling Wei  
**Dept:** Pathology and Laboratory Medicine  
**Award:** 5 R01 NS045810-04 (07022148-1)  
**Project Dates:** 04/01/04 - 03/31/08  
**Total:** $175,414

---

**Pediatrics**

**Appiagyei-Dankah, Yaw**  
**Principal Investigator**

**The Genetics and Neuroendocrinology of Short Stature International Study**

**Sponsor:** Lilly Research Laboratories  
**Budget Dates:** 04/01/07 - 03/31/10  
**Direct:** $10,989

**Annual Hulda Wohltmann Lecture**

**Sponsor:** Pfizer, Inc.  
**Budget Dates:** 01/01/07 - 12/31/07  
**Direct:** $6,500

---

**Atz, Andrew**  
**Principal Investigator**

**A Multi-Center, Long-Term, Extension Study to Assess Safety of Oral Sildenafil in the Treatment of Subjects Who Have Completed Study A1481131**

**Sponsor:** Icon Clinical Research, Inc.  
**Budget Dates:** 02/22/06 - 02/28/08  
**Direct:** $144

**An Epidemiological Study to Evaluate the Seasonality of Respiratory Syncytial Virus-Associated Lower Respiratory Tract Infections (LRI) or Apnea in Infants in the Emergency Department**

**Sponsor:** Medimmune, Inc.  
**Budget Dates:** 07/26/06 - 06/17/07  
**Direct:** $29,601

---

**Baatz, John**  
**Principal Investigator**

**Spectroscopy of Biomembrane Monolayers**

**Sponsor:** Univ. of Georgia  
**Budget Dates:** 07/01/03 - 05/31/08  
**Direct:** $23,973

**Cellular Factors Promoting Renal Cell Carcinoma**

**Pl:** Vincent Dammai  
**Dept:** Pathology and Laboratory Medicine  
**Award:** 1 R01 CA128002-01 (06060125-1)  
**Project Dates:** 07/01/03 - 05/31/08  
**Total:** $190,000

**Structure/Function of Peroxisomes in Neuroinflammation**

**Pl:** Inderjit Singh  
**Dept:** Pediatrics  
**Award:** 5 R01 NS034741-11 (07031467-1)  
**Project Dates:** 07/01/03 - 05/31/08  
**Total:** $219,267

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**Bandisode, Varsha**  
**Principal Investigator**

**PDA PMS Study**

**Sponsor:** Aga Medical Corp.  
**Budget Dates:** 03/22/07 - 04/30/08  
**Direct:** $39,770

**Barredo, Julio**  
**Principal Investigator**

**Children's Oncology Chair Grant**

**Sponsor:** National Childhood Cancer Fdn.  
**Budget Dates:** 03/01/06 - 08/01/06  
**Direct:** $17,264

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Annual Report for Research FY2007
Basco, William

**Principal Investigator**

*Prescribing Errors in Ambulatory Pediatric Care*

**Sponsor:** AHRQ  
**Award:** 5 K08 HS015679-02 (07012934)

**Budget Dates:** 06/01/07 - 05/31/08  
**Direct:** $ 119,800

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**Co-PI/Project Leader**

*Academic Administrative Units in Primary Care*

**PI:** John Reigart, II  
**Sponsor:** HRSA

**Budget Dates:** 06/01/06 - 05/31/10  
**Direct:** $ 135,101

---

Bowlby, Deborah

**Principal Investigator**

*Recombinant Human Insulin-Like Growth Factor-1 (rhIGF-1) Treatment of Short Stature Associated with Primary IGF-1 Deficiency: A Multi-Center, Open-Label, Randomized, Concentration-Controlled Trial*

**Sponsor:** Tercica, Inc.

**Budget Dates:** 10/06/04 - 12/01/08  
**Direct:** $ 10,916

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*Bowlby, Deborah

**Principal Investigator**

*Increlex Growth Forum Database - IGFD Registry: A Patient Registry for Monitoring Long-Term Safety and Efficacy ofIncrelex*

**Sponsor:** Tercica, Inc.

**Budget Dates:** 12/04/06 - 12/03/09  
**Direct:** $ 5,083

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Buzzini, Sergio

**Principal Investigator**

*SC Institute for Childhood Obesity and Related Disorders*

**Sponsor:** Univ. of South Carolina

**Budget Dates:** 01/01/06 - 06/01/07  
**Direct:** $ 26,260

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Carpenter, Laura

**Co-Investigator**

*Enhancing Current Capacity for Surveillance of Autism Spectrum Disorders: 4 Year Old Surveillance*

**Pl:** Jane Charles  
**Sponsor:** Autism Speaks

**Budget Dates:** 01/01/07 - 12/31/07  
**Direct:** $ 50,000

---

Cavalier, Mary

**Principal Investigator**

*Stroke with Transfusions Changing to Hydroxyurea (SWiTCH)*

**Sponsor:** St. Jude Childrens Hospital

**Budget Dates:** 08/05/06 - 07/31/07  
**Direct:** $ 99,617

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*Iron Loading in Children with Sickle Cell Disease on Chronic Transfusion for Primary Stroke Prevention (STOP/STOP II Liver Iron Ancillary Study)*

**Sponsor:** Morehouse School of Medicine, Inc.

**Budget Dates:** 09/08/06 - 12/31/06  
**Direct:** $ 9,440

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Charles, Jane

**Principal Investigator**

*Personnel Development Collaboration - IDEA*

**Sponsor:** SC Dept. of Education

**Budget Dates:** 07/01/06 - 06/30/07  
**Direct:** $ 1,000

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*SC Autism and Developmental Disabilities Monitoring Project*

**Sponsor:** CDC

**Budget Dates:** 06/01/07 - 05/31/08  
**Direct:** $ 269,231

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Annual Report for Research FY2007 109
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<td>African American Study of Kidney Diseases and Hypertension (AASK) Cohort Study</td>
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<td>Darden, Paul</td>
<td><strong>Principal Investigator</strong> A Phase IIIb, Open, Randomized, Controlled, Multi-Center Study of the Immunogenicity and Safety of GlaxoSmithKline Biologicals, Inactivated Hepatitis A Vaccine (Havrix) (720 EI:U/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</td>
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<td><strong>Co-Investigator</strong> EMSC Targeted Issue Grants</td>
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<td>Fowler, Sandra</td>
<td><strong>Co-Investigator</strong> Adapting MST to Address Transmission Risk Behaviors in HIV+ Young People</td>
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Giri, Shailendra

**Principal Investigator**

**AMP-Activated Protein Kinase as a Key Target for EAE Disease Process**
- **Sponsor:** National Multiple Sclerosis Society
- **Budget Dates:** 04/01/07 - 03/31/08
- **Direct:** $140,356
- **Award:** RG 3810-A-1 (05080219)

**Therapeutic Efficacy of Statin in Neuroprotection in Spinal Cord Injury**
- **Sponsor:** SC Spinal Cord Injury Fund
- **Budget Dates:** 07/01/06 - 06/30/07
- **Direct:** $80,000
- **Award:** PP1283 (06041762)

**Clinical Evaluation of Metformin in EAE**
- **Sponsor:** National Multiple Sclerosis Society
- **Budget Dates:** 07/01/06 - 06/30/07
- **Direct:** $40,000
- **Award:** 5 R01 HD043921-04 (04062908)

**Co-PI/Project Leader**

**Modulation of Astrogliosis by Statins for Spinal Cord Therapy**
- **PI:** Mush Khan
- **Dept:** Pediatrics
- **Sponsor:** SC Spinal Cord Injury Fund
- **Budget Dates:** 04/01/07 - 03/31/08
- **Direct:** $14,035
- **Award:** SCIRF 0406 (06031565-1)

Haemmerich, Dieter

**Principal Investigator**

**Development of Multi-Probe Radiofrequency Ablation**
- **Sponsor:** Univ. of Wisconsin
- **Budget Dates:** 05/02/06 - 04/30/07
- **Direct:** $38,202
- **Award:** 1 R01 CA108869-01A2 (05022360)

**Cooperative Research and Development Agreement for the Development of Radiofrequency Ablation Using ThermoDox T in the Treatment of Cancer**
- **Sponsor:** NIH
- **Budget Dates:** 10/14/06 - 10/13/07
- **Direct:** $20,000
- **Award:** 269-MM-702169 (06120713)

**Radiofrequency Ablation of Procine Esophageal Epithelium: A Comparison between the Stretta System and a Computer Model**
- **Sponsor:** Celsion Corp.
- **Budget Dates:** 12/18/06 - 03/31/07
- **Direct:** $5,000
- **Award:** (06122056)

Hollis, Bruce

**Principal Investigator**

**Evaluation of Vitamin D Requirements During Pregnancy**
- **Sponsor:** NIH/NICHD
- **Budget Dates:** 08/01/06 - 07/31/07
- **Direct:** $368,523
- **Award:** 5 R01 HD043921-04 (04062908)

**Establishing the Vitamin D Requirement During Lactation**
- **Sponsor:** NIH/NICHD
- **Budget Dates:** 09/28/06 - 07/31/07
- **Direct:** $455,051
- **Award:** 1 R01 HD047511-01A2 (05110141)

**Co-Investigator**

**Phase II Study of Alendronate Sodium in Juvenile Osteoporosis**
- **PI:** L. Key
- **Dept:** Pediatrics
- **Sponsor:** FDA
- **Budget Dates:** 09/01/03 - 07/31/08
- **Direct:** $169,521
- **Award:** 5 R01 FD001847-05 (06082429-1)

Hulsey, Thomas

**Co-PI/Project Leader**

**Southeastern Predoctoral Training in Clinical Research-Administrative Core**
- **PI:** Barbara Tilley
- **Dept:** Biostatistics, Bioinformatics and Epidemiology
- **Sponsor:** NIH/NCRR
- **Total:** $73,279
- **Award:** 5 T32 RR023258-02 (05033163-8)

**Southeastern Predoctoral Training in Clinical Research-Curriculum Core**
- **PI:** Barbara Tilley
- **Dept:** Biostatistics, Bioinformatics and Epidemiology
- **Sponsor:** NIH/NCRR
- **Total:** $69,382
- **Award:** 5 T32 RR023258-02 (05033163-9)

**Establishing the Vitamin D Requirement During Lactation**
- **PI:** Bruce Hollis
- **Dept:** Pediatrics
- **Sponsor:** NIH/NICHD
- **Total:** $455,051
- **Award:** 1 R01 HD047511-01A2 (05110141-1)
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<td>Jackson, Sherron</td>
<td>A Phase III, Multi-Center, 52-Week, Randomized, Double-Blind, Placebo-Controlled Study of the Clinical Efficacy and Safety of ICA-17043 with or without Hydroxyurea Therapy in Patients with Sickle Cell Disease Who Have Had &lt;2 Acute Sickle-Related Painful Crises within the Preceding 12 Months</td>
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<td>Co-Investigator: Pediatric Hydroxyurea Phase III Clinical Trial - Baby Hug</td>
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<td>Jenkins, Dorothea</td>
<td>Safety of N-Acetylcysteine in Maternal Chorioamnionitis</td>
<td>Social Scientific Systems, Inc.</td>
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<td>Katikaneni, Lakshmi</td>
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| **Genentech National Cooperative Growth Study Post-Marketing Surveillance Program for Protropin and Nutropin** |
|---------------------------------|------------------|------------------|------------------|
| **Sponsor:** Genentech, Inc.    | **Budget Dates:** 07/01/94 - 12/31/08 | **Direct:** $4,940 |
| **Award:** 85-036 (95050104)    | **Project Dates:** 07/01/94 - 12/31/08 | **F & A:** $1,235 |

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<tr>
<td><strong>Modulation of Astrogliosis by Statins for Spinal Cord Therapy</strong></td>
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<td><strong>Sponsor:</strong> SC Spinal Cord Injury Fund</td>
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<td><strong>Award:</strong> SCIRF 0406 (06031565)</td>
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<tr>
<td><strong>Therapeutic Efficacy of Statin in Neuroprotection in Spinal Cord Injury</strong></td>
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<td><strong>PI:</strong> Shailendra Giri</td>
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<th><strong>High Dose Temozolomide, Thiotepa and Carboplatin with Autologous Stem Cell Rescue (ASCR)</strong></th>
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<td><strong>Followed by Continuation Therapy with 13-Cisretinoic Acid in Patients with Recurrent Refractory</strong></td>
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<td><strong>Malignant Brain Tumors</strong></td>
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<tr>
<td><strong>SC COBRE in Lipidomics and Pathobiology: Project 4 - Role of Ceramide in Human Neuroblastoma Differentiation and Treatment</strong></td>
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<td><strong>PI:</strong> Lina Obeid</td>
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Annual Report for Research FY2007 113
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<td>SC COBRE for Developmentally Based Cardiovascular Diseases: Project 1 - Transcriptional Control of Cardiac Growth</td>
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<td>A Medical Home for the Uninsurable</td>
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<td>An Epidemiological Study to Evaluate the Seasonality of Respiratory Syncytial Virus-Associated Lower Respiratory Tract Infections (LRI) or Apnea in Infants in the Emergency Department</td>
<td>Medimmune, Inc.</td>
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<td>Training CED/COR Pediatric and Child Psychiatry</td>
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<td>Fluid Diode Prosthetic Pulmonary Valve</td>
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<td>Inhibition of Osteoclast Activity by OIP-1/hSca1</td>
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<td>Measles Virus Nucleocapsid (MJVNP) Gene Expression and RANK Receptor Signaling in Osteoclast Precursors: Osteoclast Inhibitors Peptide Therapy for Paget's Disease</td>
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<td>Medical University of South Carolina’s Immunological Screening Assessment in Support of the Charleston Health and Risk Assessment (HERA) of Bottlenose Dolphin Populations Project</td>
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<td>Perfluoroctane Sulfonate (PFOS) Affects Immunity Through PPAR-Alpha</td>
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<td>Perfluoroctane Sulfonate (PFOS) Affects Immunity Through PPAR-Alpha</td>
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**Long-Term Outcomes of NO for Ventilated Premature Babies**

Sponsor: Univ. of Pittsburgh  
**Budget Dates:** 12/01/06 - 11/30/07  
**Direct:** $7,000

**Virella-Lowell, Isabel**  
Principal Investigator

**Loss of Acid Sphingomyelinase Induction by Pseudomonas Aeruginosa in Cystic Fibrosis**

Sponsor: Cystic Fibrosis Research, Inc.  
**Budget Dates:** 10/01/06 - 09/30/07  
**Direct:** $30,448

**Wagner, Carol**  
Principal Investigator

**Vitamin D Status of Pregnant Women and Their Children in Eau Claire, South Carolina: A Prevalence and Supplementation Model for Community Healthcare Centers in the US**

Sponsor: Thrasher Research Fund  
**Budget Dates:** 07/01/06 - 06/30/07  
**Direct:** $320,772

**Breastfeeding Promotion in Physicians’ Office Practices Phase III (BPPOP III)**

Sponsor: Amer. Acad. of Pediatrics  
**Budget Dates:** 08/01/06 - 06/30/07  
**Direct:** $6,757

**Educational Grant**

Sponsor: UCBI, Inc.  
**Budget Dates:** 01/01/07 - 12/31/07  
**Direct:** $51,464

**Educational Grant**

Sponsor: Cyberonics, Inc.  
**Budget Dates:** 01/01/07 - 12/31/07  
**Direct:** $3,850

**Psychiatry and Behavioral Sciences**

**Acienro, Ron**  
Principal Investigator

**Treatment Development: Bereavement in Older Adults**

Sponsor: NIH/NIH  
**Budget Dates:** 09/01/06 - 08/31/08  
**Direct:** $97,650

**Sexual Assault and Domestic Violence Intervention**

Sponsor: SC Dept. of Public Safety  
**Budget Dates:** 10/01/06 - 09/30/07  
**Direct:** $58,331

**Anton, Jr., Raymond**  
Principal Investigator

**Linkage Disequilibrium Studies of Alcohol Dependence**

Sponsor: Yale Univ.  
**Budget Dates:** 05/01/06 - 04/30/08  
**Direct:** $82,965

### Gabapentin as an Adjunct to Naltrexone for Alcoholism
**Sponsor:** NIH/NIAAA  
**Budget Dates:** 09/01/06 - 08/31/08  
**Direct:** $311,348  
**Award:** 5 R01 AA009568-15 (04063017)

**Anton, Jr., Raymond**  
**Co-PI/Project Leader**  
**Alcohol Research Center - Treatment and Implications - Component 1**  
**PI:** Carrie Randall  
**Dept:** Psychiatry and Behavioral Sciences  
**Sponsor:** NIH/NIAAA  
**Budget Dates:** 09/01/06 - 08/31/08  
**Direct:** $311,348  
**Award:** 5 R01 AA009568-15 (04063017)

**Back, Sudie**  
**Co-Investigator**  
**ORWH: SCOR on Sex and Gender Factors Affecting Women's Health - Administrative Core**  
**PI:** Kathleen Brady  
**Dept:** Psychiatry and Behavioral Sciences  
**Sponsor:** NIH/NIDA  
**Budget Dates:** 09/01/06 - 08/31/07  
**Direct:** $200,075  
**Award:** 5 R01 AA013885-05 (07011987)

**Barkley, Russell**  
**Co-Investigator**  
**Atomoxetine Treatment for ADHD and Marijuana Dependence**  
**PI:** Aimee McRae  
**Dept:** Psychiatry and Behavioral Sciences  
**Sponsor:** NIH/NIDA  
**Budget Dates:** 09/01/06 - 08/31/07  
**Direct:** $162,210  
**Award:** 5 K23 AA014430-04 (04062304)

**Becker, Howard**  
**Principal Investigator**  
**Treatment and Gene/Protein Analysis of Ethanol Relapse**  
**Sponsor:** NIH/NIAAA  
**Budget Dates:** 09/01/06 - 08/31/07  
**Direct:** $237,045  
**Award:** 5 R01 AA013885-05 (07011987)

**Ethanol Dependence and Stress Effects on Ethanol Drinking: CRF and Neurosteroids**  
**Sponsor:** NIH/NIAAA  
**Budget Dates:** 09/01/06 - 08/31/07  
**Direct:** $217,753  
**Award:** 5 R50 AA010761-12 (06110216-4)

**Acute and Chronic LY Effects on Expression of Ethanol Withdrawal Seizures**  
**Sponsor:** Eli Lilly  
**Budget Dates:** 09/01/06 - 08/31/07  
**Direct:** $200,075  
**Award:** 5 R01 AA010761-12 (06110216-13)

**Bernstein, Hilary**  
**Principal Investigator**  
**Comparing Three Electrode Placements to Optimize ECT**  
**Sponsor:** Mayo Clinic  
**Budget Dates:** 09/01/06 - 08/31/07  
**Direct:** $4,110  
**Award:** 5 R01 MH062357-04 (06112170)

**Book, Sarah**  
**Principal Investigator**  
**Training in Comorbidity of Alcoholism and Mental Illness**  
**Sponsor:** NIH/NIAAA  
**Budget Dates:** 09/01/06 - 08/31/07  
**Direct:** $162,210  
**Award:** 5 K23 AA014430-04 (04062304)
Borckardt, Jeffrey  
**Principal Investigator**  
**Transcranial Magnetic Stimulation (TMS) Effects on Pain Perception**  
Sponsor: NIH/NINDS  
Award: 5 K23 NS050485-02 (07020159)  
Budget Dates: 04/01/07 - 03/31/08  
Direct: $132,328  
Project Dates: 04/01/06 - 01/31/11  
F & A: $10,586

Brady, Kathleen  
**Principal Investigator**  
**Clinical Investigation of Drug Abuse Disorders**  
Sponsor: NIH/NIDA  
Award: 5 K24 DA000435-08 (03103009)  
Budget Dates: 08/01/06 - 07/31/07  
Direct: $139,147  
Project Dates: 08/15/99 - 07/31/09  
F & A: $11,132

**Placebo-Controlled Trial of Risperidone Augumentation for SSRI-Resistant Civilian PTSD**  
Sponsor: Janssen Pharmaceutica  
Award: RIS-EMR-4005 (04060103)  
Budget Dates: 05/01/04 - 04/30/07  
Direct: $50,452  
Project Dates: 05/01/04 - 04/30/07  
F & A: $12,613

**South Carolina Consortium of the Clinical Trials Network**  
Sponsor: NIH/NIDA  
Award: 5 U10 DA013727-07 (04101101)  
Budget Dates: 09/01/06 - 08/31/07  
Direct: $1,009,140  
Project Dates: 09/30/00 - 08/31/10  
F & A: $240,860

**ORWH: SCOR on Sex and Gender Factors Affecting Women's Health**  
Sponsor: NIH/NIDA  
Award: 5 P50 DA016511-05 (05042864)  
Budget Dates: 07/01/06 - 09/14/07  
Direct: $627,264  
Project Dates: 07/01/06 - 09/14/07  
F & A: $288,273

**South Carolina Consortium of the Clinical Trials Network**  
Sponsor: NIH/NIDA  
Award: 3 U10 DA013727-07S2 (06081686)  
Budget Dates: 09/01/06 - 08/31/07  
Direct: $350,857  
Project Dates: 09/01/06 - 08/31/07  
F & A: $63,908

**Drug Abuse Research Training (DART) Program**  
Sponsor: NIH/NIDA  
Award: 5 R25 DA020537-02 (07012410)  
Budget Dates: 05/01/07 - 04/30/08  
Direct: $245,155  
Project Dates: 05/01/07 - 04/30/08  
F & A: $19,212

Co-PI/Project Leader  
**Translational Research in Addiction Center: Project 4**  
P: Ronald See  
Dept: Neurosciences  
Sponsor: NIH/NIDA  
Award: 1 P20 DA022658-01 (06031455-5)  
Total: $126,051

Co-Investigator  
**Atomoxetine Treatment for ADHD and Marijuana Dependence**  
P: Aimee McRae  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIDA  
Award: 5 R21 DA018221-02 (04102602-2)  
Total: $122,063

**Combined Pharmacotherapy for Adolescent Smokers**  
P: Himanshu Upadhyaya  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIDA  
Award: 5 R01 DA017460-04 (05042865-2)  
Total: $219,713

**CBT and Modafinil for Cocaine Addiction**  
P: Robert Malcolm, Jr.  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIDA  
Award: 5 R01 DA016368-04 (05042865-2)  
Total: $248,774

**Evaluation of the Safety and Efficacy of the Methylphenidate Patch in Former Stimulant Users with ADHD**  
P: Aimee McRae  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: Shire Pharmaceutical Develop  
Award: (06100391-1)  
Total: $76,000

**Mentor**  
**Training in Comorbid Substance Use and Bipolar Disorders**  
P: Marica Verduin  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIDA  
Award: 5 K23 DA019875-02 (07020157-1)  
Total: $165,380

Brawman-Mintzer, Olga  
**Principal Investigator**  
**A Multi-Center, Double-Blind, Randomized-Withdrawal, Parallel-Group, Placebo-Controlled, Phase III Study of Efficacy and Safety of Quetiapine Fumarate Sustained Release (Seroquel SR) as Monotherapy in the Maintenance Treatment of Patients with Major Depressive Disorder Following an Open-Label Stabilisation Period (AMETHYST STUDY)**  
Sponsor: Astrazeneca  
Award: D1448C000005 (06010674)  
Budget Dates: 01/10/06 - 12/31/08  
Direct: $5,600  
Project Dates: 01/10/06 - 12/31/08  
F & A: $1,400

Annual Report for Research FY2007 119
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<td>An Eight-Week, Multi-Center, Double-Blind, Placebo and Paroxetine Controlled</td>
<td>Sanofi-Aventis US, Inc.</td>
<td>08/28/06 - 09/27/08</td>
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<td>Study Evaluating the Efficacy and Tolerability of Two Fixed Doses of SSRI2415</td>
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<td>of the Efficacy, Safety and Tolerability of Agomelatine 25mg and 50mg in the</td>
<td>Novartis Corp.</td>
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<td>Treatment of Major Depressive Disorder (MDD) Followed by a 52-Week, Open-Label Extension (CAG0178A2310E)</td>
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<td>A Multi-Center, Randomized, Double-Blind, Placebo, and Escitalopram Controlled Study of the Safety and Efficacy of Pexacerfont (MEN262806) in the Treatment of Outpatients with Generalized Anxiety Disorder</td>
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<td>Pilot Study of the Efficacy and Tolerability of Duloxetine in Patients with Suspected Functional Pancreatic/Biliary Pain (Spasm of Oddi Dysfuction - SOD)</td>
<td>Lilly Research Laboratories</td>
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<td>ACSIRG: Translating Advances in Smoking Cessation into Public Health Impact: Indentification of Individual-Level Barriers to NRT</td>
<td>Amer. Cancer Soc.</td>
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<td>Adapting MST to Improve Food Choices and Health Outcomes in Obese African American Youth</td>
<td>NIH/NIMH</td>
<td>09/01/06 - 06/30/07</td>
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Differential Response to Evidenced-Based Treatment
Sponsor: NIH/NIMH
Award: 5 R01 MH068813-03 (07021634)
Budget Dates: 04/01/07 - 03/31/08
Project Dates: 05/01/05 - 03/31/10
Direct: $376,325
F & A: 77,625

Cunningham, Phillippe
Co-Investigator
Adapting MST to Address Transmission Risk Behaviors in HIV+ Young People
PI: Elizabeth Letourneau
Dept: Psychiatry and Behavioral Sciences
Award: 1 R34 MH077500-01A1 (06042693-1)

Danielson, Carla
Principal Investigator
Reducing Risk for Severe Mental Illness in Sexually Assaulted Adolescents
Sponsor: NARSAD
Award: (04072103)
Budget Dates: 07/01/06 - 06/30/08
Project Dates: 07/01/05 - 06/30/08
Direct: $77,625

Risk Reduction for Drug Use and Sexual Revictimization
Sponsor: NIH/NIDA
Award: 1 K23 DA018686-01A2 (05110143)
Budget Dates: 07/01/06 - 06/30/07
Project Dates: 07/01/05 - 06/30/06
Direct: $128,278
F & A: 10,230

Co-Investigator
Building the South Carolina Violence against Hispanic Women Network
PI: Michael De Arellano
Dept: Psychiatry and Behavioral Sciences
Award: 1K06031 (06051852)

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
Project Dates: 04/01/06 - 06/30/06
Direct: $7,748

Building the South Carolina Violence against Hispanic Women Network
Sponsor: SC Dept. of Public Safety
Award: 1K06031 (06051852)
Budget Dates: 10/01/06 - 09/30/07
Project Dates: 10/01/06 - 09/30/06
Direct: $61,645

Co-PI/Project Leader
South Carolina State Victim Assistance Academy
PI: Dean Kilpatrick
Dept: Psychiatry and Behavioral Sciences
Award: 2004-VF-GX-K016 (05061363-1)

Youth Violence Exposure: A National Longitudinal Study
PI: Dean Kilpatrick
Dept: Psychiatry and Behavioral Sciences
Award: 5 R01 HD46830-04 (07043035-1)

Deas, Deborah
Principal Investigator
Naltrexone Treatment of Adolescent Alcoholics
Sponsor: NIH/NIAAA
Award: 5 R01 AA013393-05 (04061503)
Budget Dates: 09/01/06 - 08/31/08
Project Dates: 09/01/02 - 08/31/08
Direct: $265,062
F & A: 121,929

Co-Investigator
Combined Pharmacotherapy in Adolescent Smokers
PI: Himanshu Upadhyaya
Dept: Psychiatry and Behavioral Sciences
Award: 5 R01 DA017460-04 (05042863-2)

Devane, C.
Principal Investigator
Bipolar Disorder in Pregnancy: Predictors of Morbidity
Sponsor: Emory Univ.
Award: 5 R01 MH071531-02/5-27505 (04071601)
Budget Dates: 08/01/06 - 07/31/07
Project Dates: 08/12/05 - 07/31/10
Direct: $54,962
F & A: 25,283

(SCOR) Medications in Pregnancy: Defining Exposure
Sponsor: Emory Univ.
Award: 5 P50 MH068036-05 (04101403)
Budget Dates: 08/01/06 - 07/31/07
Project Dates: 09/21/02 - 07/31/07
Direct: $117,836
F & A: 54,204

PGP Regulation of Antipsychotic Exposure and Effects
Sponsor: NIH/NIMH
Award: 5 R01 MH071811-03 (06121947)
Budget Dates: 02/01/07 - 01/31/08
Project Dates: 02/14/05 - 01/31/09
Direct: $170,673
F & A: 78,510
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<th>Devane, C.</th>
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<th>CBT and Modafinil for Cocaine Addiction</th>
<th>Sponsor: NIH/NIDA</th>
<th>Total: $ 248,774</th>
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<td>PI: Robert Malcolm, Jr.</td>
<td>Dept: Psychiatry and Behavioral Sciences</td>
<td>Award: 5 R01 DA016368-04 (05042865-2)</td>
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**South Carolina Consortium of the Clinical Trials Network**
- **PI:** Kathleen Brady
- **Dept:** Psychiatry and Behavioral Sciences
- **Award:** 3 U10 DA013727-07S2 (06081686-1)

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<th>Donovan, Jennifer</th>
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<th>PGP Regulation of Antipsychotic Exposure and Effects</th>
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<td>PI: C. Devane</td>
<td>Dept: Psychiatry and Behavioral Sciences</td>
<td>Award: 5 R01 MH071811-03 (06121947-1)</td>
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**Pharmacokinetics and Drug Interactions with Milk Thistle**
- **PI:** John Markowitz
- **Dept:** Pharmaceutical Sciences
- **Award:** 5 R21 AT002817-03 (07021322-1)

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<tr>
<th>Faldowski, Richard</th>
<th>Principal Investigator</th>
<th>Early Head Start 5th Grade Follow-Up Study</th>
<th>Sponsor: Mathematica Policy Research</th>
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**Optimization of TMS for Depression - Coordinating Center**
- **Sponsor:** NIH/NIMH
- **Budget Dates:** 06/01/06 - 05/31/07
- **Direct:** $ 410,816

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<tr>
<th>Foust, Jack</th>
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<th>CBT and Modafinil for Cocaine Addiction</th>
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<td>PI: Robert Malcolm, Jr.</td>
<td>Dept: Psychiatry and Behavioral Sciences</td>
<td>Award: 5 R01 DA016368-04 (05042865-2)</td>
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**Optimization of TMS for Depression - Clinical Center Grant**
- **Sponsor:** NIH/NIMH
- **Budget Dates:** 06/01/06 - 05/31/07
- **Direct:** $ 231,352

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<th>Frueh, B.</th>
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<th>The Precursors and Impacts of Psychiatric Facility Closure</th>
<th>Sponsor: NIH/NIMH</th>
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<tr>
<td>PI: Richard Lindrooth</td>
<td>Dept: Health Administration and Policy</td>
<td>Award: 1 R01 MH074151-01A2 (06030109-1)</td>
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<th>George, Mark</th>
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<th>A Multi-Center, Pivotal, Safety and Efficacy Study of the Neuro-Cybernetic Prothesis (NCP) System in Patients with Depression</th>
<th>Sponsor: Cyberonics, Inc.</th>
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**Optimization of TMS for Depression-Coordinating Center**
- **Sponsor:** NIH/NIMH
- **Budget Dates:** 06/01/06 - 05/31/07
- **Direct:** $ 410,816

**Optimization of TMS for Depression - Clinical Center Grant**
- **Sponsor:** NIH/NIMH
- **Budget Dates:** 06/01/06 - 05/31/07
- **Direct:** $ 86,429

**Optimization of TMS for Depression - Coordinating Center - NIDA Smoking Administrative Supplement**
- **Sponsor:** NIH/NIMH
- **Budget Dates:** 06/01/06 - 05/31/07
- **Direct:** $ 61,286

**Bold fMRI to Detect Deception**
- **Sponsor:** DOD
- **Budget Dates:** 09/01/06 - 08/31/07
- **Direct:** $ 136,958

**Optimization of TMS for Depression - Coordinating Center**
- **Sponsor:** NIH/NIMH
- **Budget Dates:** 06/01/07 - 05/31/08
- **Direct:** $ 461,966

**Optimization of TMS for Depression - Clinical Center Grant**
- **Sponsor:** NIH/NIMH
- **Budget Dates:** 06/01/07 - 05/31/08
- **Direct:** $ 225,021
George, Mark  
**Co-Investigator**  
Translational Research in Addiction Center: Project 2  
PI: Ronald See  
Sponsor: NIH/NIDA  
Total: $ 139,330  
Award: 1 P20 DA022658-01 (06031455-3)

Gray, Kevin  
**Principal Investigator**  
Training in Craving and Treatment in Adolescent Marijuana Use Disorders (AAACP Physician Scientist Program in Substance Abuse K12 Award)  
Sponsor: Amer. Acad. of Child Psychiatry  
Budget Dates: 09/01/06 - 08/31/07  
Direct: $ 142,600

Hamner, Mark  
**Principal Investigator**  
A Multi-Center, Randomized, Double-Blind, Fixed-Dose, Efficacy and Safety Trial of Farampator (Org 24448) (250 and 500 mg b.i.d.) vs. Placebo as Augmentation Therapy in Schizophrenic Subjects Currently Receiving Risperidone (2 or 3 mg b.i.d.)  
Sponsor: VAMC  
Budget Dates: 09/01/06 - 08/31/07  
Direct: $ 397,066

Hanson, Rochelle  
**Principal Investigator**  
Treating Child Sexual Abuse: Effectiveness Pilot Study  
Sponsor: NIH/NIMH  
Budget Dates: 03/01/07 - 02/29/08  
Direct: $ 125,849

Co-Investigator  
Service Systems Models Intervention Development and Evaluation Center (SSM)  
Pl: Benjamin Saunders  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: SAMHSA  
Total: $ 558,923  
Award: 5 UDI SM56070-04 (05070682-2)

Haynes, Louise  
**Co-Investigator**  
South Carolina Consortium of the Clinical Trials Network  
Pl: Kathleen Brady  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIDA  
Total: $ 350,857  
Award: 3 U10 DA013727-07S1 (06092767-1)

Henggeler, Scott  
**Principal Investigator**  
Substance Abusing Delinquents: 5-Year Outcomes of RCT  
Sponsor: NIH/NIDA  
Budget Dates: 09/01/06 - 08/31/07  
Direct: $ 302,620

Blue Sky Project  
Sponsor: Annie E. Casey Fdn.  
Budget Dates: 03/01/06 - 02/28/07  
Direct: $ 224,483

Vocational Outcomes for Youth with Substance Abuse Problems and High HIV Risk  
Sponsor: NIH/NIDA  
Budget Dates: 09/30/06 - 05/30/07  
Direct: $ 488,739

Testing Therapist Training Interventions to Implement an EBT for Adolescents  
Sponsor: NIH/NIDA  
Budget Dates: 04/17/07 - 03/31/08  
Direct: $ 454,077

Effectiveness Trial: MST with Juvenile Offenders  
Sponsor: NIH/NIMH  
Budget Dates: 03/01/07 - 02/29/08  
Direct: $ 495,763
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<td>Adapting MST to Address Transmission Risk Behaviors in HIV+ Young People</td>
<td>Elizabeth Letourneau</td>
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<td>Combined Pharmac/oBehavior Therapy in Adolescent Smokers</td>
<td>Himanshu Upadhyaya</td>
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<td>Contingency Management/Adolescents with Marijuana Use Disorders</td>
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<td>Evidence-Based Practices Evaluation</td>
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<td>07/01/06 - 12/31/07</td>
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<td>Child and Adult Trauma Victims: A Training Program</td>
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<td>CSA Prevention Training for Child Care Professionals: Stewards of Children</td>
<td>07/05/06 - 06/30/07</td>
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124 Annual Report for Research FY2007
Larowe, Steven

**Co-Investigator**

ORWH: SCOR on Sex and Gender Factors Affecting Women's Health - Project #2

**PI:** Kathleen Brady  
**Sponsor:** NIH/NIDA  
**Dept:** Psychiatry and Behavioral Sciences  
**Total:** $152,463

Translational Research in Addiction Center: Project 2

**PI:** Ronald See  
**Sponsor:** NIH/NIDA  
**Dept:** Neurosciences  
**Total:** $139,330

Neurobiology of Addiction Research Center (NARC) - Core C

**PI:** Peter Kalivas  
**Sponsor:** NIH/NIDA  
**Dept:** Neurosciences  
**Total:** $95,694

**A Controlled Trial of NAC for Cocaine Dependence**

**PI:** Robert Malcolm, Jr.  
**Sponsor:** NIH/NIDA  
**Dept:** Psychiatry and Behavioral Sciences  
**Total:** $310,477

Letourneau, Elizabeth

**Principal Investigator**

**Preventing Sexual Violence: Does Sex Offender Registration and Notification Work?**

**Sponsor:** CDC  
**Budget Dates:** 09/01/06 - 08/31/07  
**Direct:** $192,573

**Award:** 5 R49 CE000567-02 (05013181)  
**Project Dates:** 09/01/05 - 08/31/08  
**F & A:** $88,584

**Evaluating the Effectiveness of Sex Offender Registration and Notification Policies for Reducing Sexual Violence against Women**

**Sponsor:** National Institute of Justice  
**Budget Dates:** 08/01/06 - 07/31/07  
**Direct:** $342,537

**Award:** 2006-WG-BX-0002 (06012766)  
**Project Dates:** 08/01/06 - 07/31/08  
**F & A:** $141,569

**Adapting MST to Address Transmission Risk Behaviors in HIV+ Young People**

**Sponsor:** NIH/NIMH  
**Budget Dates:** 01/01/07 - 06/30/08  
**Direct:** $169,091

**Award:** 1 R34 MH077500-01A1 (06042693)  
**Project Dates:** 02/01/07 - 01/31/10  
**F & A:** $76,776

Li, Xingbao

**Co-Investigator**

Translational Research in Addiction Center: Project 2

**PI:** Ronald See  
**Sponsor:** NIH/NIDA  
**Dept:** Neurosciences  
**Total:** $139,330

Optimization of TMS for Depression - Clinical Center Grant

**PI:** Mark George  
**Sponsor:** NIH/NIMH  
**Dept:** Psychiatry and Behavioral Sciences  
**Total:** $225,021

Magruder, Kathryn

**Principal Investigator**

**Depression, Pain, and Diabetic Neuropathy, Secondary Analysis**

**Sponsor:** Eli Lilly  
**Budget Dates:** 07/19/05 - 06/30/08  
**Direct:** $102,501

**Award:** (05070895)  
**Project Dates:** 07/19/05 - 06/30/08  
**F & A:** $25,625

**Co-Investigator**

NIAMS Clinical Research Center for Rheumatoid Disease - Methodology Core

**PI:** Richard Silver  
**Sponsor:** NIH/NIAMS  
**Dept:** Medicine  
**Total:** $137,437

Malcolm, Jr., Robert

**Principal Investigator**

**CBT and Modafinil for Cocaine Addiction**

**Sponsor:** NIH/NIDA  
**Budget Dates:** 07/01/06 - 06/30/08  
**Direct:** $248,774

**Award:** 5 R01 DA016368-04 (05042865)  
**Project Dates:** 09/30/03 - 06/30/08  
**F & A:** $104,805

**ESRC110-A: A Double-Blind, Placebo-Controlled Study of the Safety and Efficacy of Eszopiclone in the Treatment of Insomnia in Patients with Alcohol Dependence**

**Sponsor:** Sepracor, Inc.  
**Budget Dates:** 01/01/07 - 06/30/08  
**Direct:** $122,527

**Award:** ESRC110 (07010281)  
**Project Dates:** 01/01/07 - 06/30/08  
**F & A:** $30,007

**A Controlled Trial of NAC for Cocaine Dependence**

**Sponsor:** NIH/NIDA  
**Budget Dates:** 06/01/07 - 05/31/08  
**Direct:** $310,477

**Award:** 5 R01 DA019903-03 (07032924)  
**Project Dates:** 08/15/05 - 05/31/09  
**F & A:** $125,631

**Co-PI/Project Leader**

Translational Research in Addiction Center: Project 2

**PI:** Ronald See  
**Sponsor:** NIH/NIDA  
**Dept:** Neurosciences  
**Total:** $139,330

**Award:** 1 P20 DA022658-01 (06031455-3)
McRae, Aimee

**Principal Investigator**

**Career Training in Marijuana Dependence**

- **Sponsor:** NIH/NIDA
- **Award:** 5 K23 DA015440-05 (04062901)

**Budget Dates:** 09/01/06 - 08/31/07

- **Direct:** $128,483

**Project Dates:** 09/29/02 - 08/31/07

- **F & A:** $9,911

**Atomoxetine Treatment for ADHD and Marijuana Dependence**

- **Sponsor:** NIH/NIDA
- **Award:** 5 R21 DA018221-02 (04102602)

**Budget Dates:** 07/01/06 - 06/30/08

- **Direct:** $122,063

**Project Dates:** 07/20/05 - 06/30/08

- **F & A:** $47,250

**Evaluation of the Safety and Efficacy of the Methylphenidate Patch in Former Stimulant Users with ADHD**

- **Sponsor:** Shire Pharmaceutical Development
- **Award:** 5 R01 DA019903-03 (07032924-1)

**Budget Dates:** 11/15/06 - 11/15/07

- **Direct:** $76,000

**Project Dates:** 11/15/06 - 11/15/07

- **F & A:** $18,375

Middaugh, Lawrence

**Co-PI/Project Leader**

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

- **PI:** Ann-Charlotte Granholm
- **Dept:** Neurosciences
- **Sponsor:** NIH/NIA

**Budget Dates:** 09/01/06 - 08/31/07

- **Total:** $76,691

**Dual-Hit Hypothesis of Aging-Related DA Dysfunction-Project 1**

- **PI:** Ann-Charlotte Granholm
- **Dept:** Neurosciences
- **Sponsor:** NIH/NIA

**Budget Dates:** 09/01/06 - 08/31/07

- **Total:** $100,988

**ORWH: SCOR on Sex and Gender Factors Affecting Women's Health - Project #4**

- **PI:** Kathleen Brady
- **Dept:** Psychiatry and Behavioral Sciences
- **Sponsor:** NIH/NIDA

**Budget Dates:** 09/01/06 - 08/31/07

- **Total:** $118,780

Miller, Peter

**Principal Investigator**

**Facilitating Alcohol Screening of Hypertensive Patients**

- **Sponsor:** NIH/NIAAA
- **Award:** 5 R25 AA015066-03 (03092607)

**Budget Dates:** 09/01/06 - 08/31/08

- **Direct:** $191,685

**Project Dates:** 09/01/04 - 08/31/08

- **F & A:** $15,335

Moore, Juliann

**Co-PI/Project Leader**

**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**

- **PI:** Prabhakar Baliga
- **Dept:** Surgery
- **Sponsor:** Wyeth, Inc.

**Budget Dates:** 09/01/06 - 08/31/07

- **Total:** $140,834

**Mulholland, Patrick**

**Principal Investigator**

**Kv2.1 Channel Modulation of Ethanol Withdrawal**

- **Sponsor:** NIH/NIAAA
- **Award:** 1 F32 AA016450-01 (05120296)

**Budget Dates:** 09/01/06 - 08/31/07

- **Direct:** $45,976

**Project Dates:** 09/01/06 - 08/31/07

- **F & A:** $0

Myrick, Donald

**Co-PI/Project Leader**

**Alcohol Research Center - Treatment and Implications - Component 3**

- **PI:** Carrie Randall
- **Dept:** Psychiatry and Behavioral Sciences
- **Sponsor:** NIH/NIAAA

**Budget Dates:** 09/01/06 - 08/31/07

- **Total:** $67,178

**Project Dates:** 09/01/06 - 08/31/07

- **F & A:** $0
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<td>Carrie Randall</td>
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<td>CBT and Modafinil for Cocaine Addiction</td>
<td>Robert Malcolm, Jr.</td>
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<td>Translational Research in Addiction Center: Project 2</td>
<td>Ronald See</td>
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<td>A Controlled Trial of NAC for Cocaine Dependence</td>
<td>Robert Malcolm, Jr.</td>
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<td>$310,477</td>
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<td>Training in Deep Brain Stimulation (DBS) and Rodent Antidepressant-Screen Models</td>
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<td>A Pilot Safety and Efficacy Study of Epidural Prefrontal Cortical Stimulation (EpCS) in Severe Treatment-Resistant Unipolar Depression</td>
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<td>NARSAD</td>
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<td>Oxytocin for Treating Depression: A Double-Blind, Placebo-Controlled Neuroimaging Study</td>
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<td>Hope for Depression Research Fdn.</td>
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<td>Modeling Antidepressant Properties of VNS in the Context of a Twelve Month Long Placebo-Controlled Study</td>
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<td>Cyberonics, Inc.</td>
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<td>A Randomized, Double-Blind, Parallel-Group, Placebo-Controlled, Multi-Center Study Evaluating the Efficacy and Safety of Three Doses of AVE1625 in Abdominally Obese Patients with Atherogenic Dyslipidemia</td>
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<td>Icon Clinical Research, Inc.</td>
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<td>A 104-Week, Double-Blind, Randomized, Placebo-Controlled, Parallel-Group Study to Assess the Safety and Efficacy of Lorcaserin Hydrochloride in Obese Patients</td>
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<td>Oxolinic Research Fdn.</td>
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<td>A Multi-Center, Randomized, Double-Blind, Placebo-Controlled Study Comparing the Safety and Efficacy of Naltrexone Sustained Release (SR)/Bupropion Sustained Release (SR) and Placebo in Subjects with Obesity Participating in a Behavior Modification Program</td>
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<td>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</td>
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<td>Alcoholic Bev. Medical Research Fnd.</td>
<td>$43,478</td>
<td>Psychiatry and Behavioral Sciences</td>
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Control of Ethanol Intake by an mGluR5-PKCe Pathway  
Sponsor: NIH/NIAAA  
Budget Dates: 02/01/07 - 01/31/08  
Direct: $165,932  
Award: 5 R01 AA013852-05 (06112271)  
Project Dates: 02/01/03 - 01/31/08  
F & A: 76,329

Examining the Effects of the Novel ALDH2 Inhibitor CVT-10216 on Basal and Ethanol-Stimulated Release in the Nucleus Accumbens  
Sponsor: CV Therapeutics, Inc.  
Budget Dates: 05/01/07 - 12/31/07  
Direct: $6,164  
Award: CVT-10216 (07051177)  
Project Dates: 05/01/07 - 12/31/07  
F & A: 2,836

Olive, Michael  
Co-PI/Project Leader  
Alcohol Research Center - Treatment and Implications - Pilot Core  
PI: Carrie Randall  
Dept: Psychiatry and Behavioral Sciences  
Award: 5 P50 AA010761-12 (06110216-9)  
Total: $43,335

Co-Investigator  
Ethanol Dependence and Stress Effects on Ethanol Drinking: CRF and Neurosteroids  
PI: Howard Becker  
Dept: Psychiatry and Behavioral Sciences  
Award: 2 U01 AA014095-05 (07020676-1)  
Total: $299,056

Randall, Carrie  
Principal Investigator  
Mentoring and Career Development in Alcohol Research  
Sponsor: NIH/NIAAA  
Budget Dates: 09/01/06 - 08/31/07  
Direct: $140,972  
Award: 2 K24 AA13314-06 (05102172)  
Project Dates: 09/20/01 - 08/31/11  
F & A: 11,278

Alcohol Research Center - Treatment and Implications  
Sponsor: NIH/NIAAA  
Budget Dates: 05/15/06 - 12/31/06  
Direct: $57,377  
Award: 3 P50 AA010761-11S1 (06092879)  
Project Dates: 12/10/95 - 12/31/10  
F & A: 26,393

Alcohol Research Center - Treatment and Implications  
Sponsor: NIH/NIAAA  
Budget Dates: 01/01/07 - 12/31/07  
Direct: $1,203,155  
Award: 5 P50 AA010761-12 (06110216)  
Project Dates: 12/10/95 - 12/31/10  
F & A: 544,645

Randall, Jeff  
Co-Investigator  
NY ACS JJI MST-Extended Care Project-Project Support  
PI: Philippe Cunningham  
Dept: Psychiatry and Behavioral Sciences  
Award: MST NY Project (07011769-1)  
Total: $69,360

Resnick, Heidi  
Co-PI/Project Leader  
Victim Issues Related to Rape in Prison  
PI: Dean Kilpatrick  
Dept: Psychiatry and Behavioral Sciences  
Award: 2006-RP-BX-K004 (06072505-1)  
Total: $192,308

Co-Investigator  
Risk Reduction for Drug Use and Sexual Revictimization  
PI: Carla Kmett Danielson  
Dept: Psychiatry and Behavioral Sciences  
Award: 1 K23 DA018686-01A2 (05110143-1)  
Total: $128,278

Disaster Research Education and Mentoring Center  
PI: Dean Kilpatrick  
Dept: Psychiatry and Behavioral Sciences  
Award: 5 R25 MH070552-04 (06102794-1)  
Total: $199,535

Disaster Research Education and Mentoring Center  
PI: Dean Kilpatrick  
Dept: Psychiatry and Behavioral Sciences  
Award: 5 R25 MH070552-04 (06102794-2)  
Total: $42,547

Youth Violence Exposure: A National Longitudinal Study  
PI: Dean Kilpatrick  
Dept: Psychiatry and Behavioral Sciences  
Award: 5 R01 HD46830-04 (07043035-1)  
Total: $276,777
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<td>NIH/NIMH</td>
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<td>Judge Baker Childrens Center</td>
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<td>Saunders, Benjamin</td>
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<td>SAMHSA</td>
<td>04/01/06 - 03/31/07</td>
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<td>Testing EBP and Organization Effects in Rural Appalachia</td>
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Annual Report for Research FY2007 129
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<th>Co-Investigator</th>
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<td>Parkinson's Disease Clinical Trial: Statistical Center</td>
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<td>Sonne, Susan</td>
<td>South Carolina Consortium of the Clinical Trials Network</td>
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<td>The Use of Acamprosate in Alcohol Dependent Individuals with Comorbid Anxiety and Depressive Disorders</td>
<td>Forest Labs, Inc.</td>
<td>Spratt, Eve</td>
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### Thomas, Suzanne

**Co-PI/Project Leader**

**Alcohol Research Center - Treatment and Implications - Shared Core**  
*PI*: Carrie Randall  
*Sponsor*: NIH/NIAAA  
*Total*: $195,965

**Dept**: Psychiatry and Behavioral Sciences  
*Award*: 5 P50 AA010761-12 (06110216-3)

**Alcohol Research Center - Treatment and Implications - Component 5**  
*PI*: Carrie Randall  
*Sponsor*: NIH/NIAAA  
*Total*: $71,538

**Dept**: Psychiatry and Behavioral Sciences  
*Award*: 5 P50 AA010761-12 (06110216-8)

**Alcohol Research Center - Treatment and Implications - Shared Core**  
*PI*: Carrie Randall  
*Sponsor*: NIH/NIAAA  
*Total*: $42,842

**Dept**: Psychiatry and Behavioral Sciences  
*Award*: 5 P50 AA010761-12 (06110216-12)

**Alcohol Research Center - Treatment and Implications - Component 5**  
*PI*: Carrie Randall  
*Sponsor*: NIH/NIAAA  
*Total*: $15,194

**Dept**: Psychiatry and Behavioral Sciences  
*Award*: 5 P50 AA010761-12 (06110216-17)

### Tolliver, Bryan

**Principal Investigator**

**A Double-Blind, Randomized, Placebo-Controlled Trial of Acamprosate in Alcohol-Dependent Individuals with Comorbid Bipolar Disorder**  
*Sponsor*: Forest Labs, Inc.  
*Budget Dates*: 03/23/07 - 03/22/10  
*Direct*: $128,600

**Award**: CMP-MD-22 (07021530)  
*Project Dates*: 03/23/07 - 03/22/10  
*F & A*: $31,400

### Upadhyaya, Himanshu

**Principal Investigator**

**Combined Pharmac/oBehavior Therapy in Adolescent Smokers**  
*Sponsor*: NIH/NIDA  
*Budget Dates*: 07/01/06 - 06/30/07  
*Direct*: $219,713

**Award**: 5 R01 DA017460-04 (05042863)  
*Project Dates*: 09/30/03 - 06/30/08  
*F & A*: $101,068

**Combined Pharmac/oBehavior Therapy in Adolescent Smokers - Supplement**  
*Sponsor*: NIH/NIDA  
*Budget Dates*: 07/01/06 - 06/30/07  
*Direct*: $45,000

**Award**: 3 R01 DA017460-04S1 (06073121)  
*Project Dates*: 09/30/03 - 06/30/08  
*F & A*: $6,500

### Veatch, Lynn

**Co-Investigator**

**ESRC110-A: A Double-Blind, Placebo-Controlled Study of the Safety and Efficacy of Eszopiclone in the Treatment of Insomnia in Patients with Alcohol Dependence**  
*PI*: Robert Malcolm, Jr.  
*Sponsor*: Sepracor, Inc.  
*Total*: $122,527

**Dept**: Psychiatry and Behavioral Sciences  
*Award*: ESRC110 (07010281-1)

### Verduin, Marcia

**Principal Investigator**

**Training in Comorbid Substance Use and Bipolar Disorders**  
*Sponsor*: NIH/NIDA  
*Budget Dates*: 07/01/06 - 03/31/07  
*Direct*: $166,448

**Award**: 1 K23 DA019875-01A1 (05062942)  
*Project Dates*: 07/01/06 - 03/31/11  
*F & A*: $12,161

**Training in Comorbid Substance Use and Bipolar Disorders**  
*Sponsor*: NIH/NIDA  
*Budget Dates*: 04/01/07 - 03/31/08  
*Direct*: $165,380

**Award**: 5 K23 DA019875-02 (07020157)  
*Project Dates*: 07/01/06 - 03/31/11  
*F & A*: $12,392
Wagner, Mark
Co-Investigator
Translational Research in Addiction Center: Project 4
Pl: Ronald See Sponsor: NIH/NIDA Total: $ 126,051
Dept: Neurosciences Award: 1 P20 DA022658-01 (06031455-5)

Waldrop, Angela
Principal Investigator
Impulsivity Related to Cocaine Dependence and Trauma
Sponsor: NIH/NIDA Budget Dates: 09/01/06 - 08/31/07 Direct: $ 124,647
Award: 5 K23 DA018718-02 (05062952) Project Dates: 09/01/05 - 08/31/10 F & A: 9,570

Wang, Jun-Sheng
Co-Investigator
PGP Regulation of Antipsychotic Exposure and Effects
Pl: C. Devane Sponsor: NIH/NIMH Total: $ 170,673
Dept: Psychiatry and Behavioral Sciences Award: 5 R01 MH071811-03 (06121947-1)

Wang, Zhewu
Principal Investigator
2004 Young Investigator Award
Sponsor: NARSAD Budget Dates: 06/01/07 - 06/30/08 Direct: $ 46,523
Award: (07062176) Project Dates: 06/01/07 - 06/30/08 F & A: 0

Wright, Tara
Co-Investigator
ESRC110-A: A Double-Blind, Placebo-Controlled Study of the Safety and Efficacy of Eszopiclone in the
Treatment of Insomnia in Patients with Alcohol Dependence
Pl: Robert Malcolm, Jr. Sponsor: Sepracor, Inc. Total: $ 122,527
Dept: Psychiatry and Behavioral Sciences Award: ESRC110 (07010281-1)

Radiation Oncology
Carter, Cindy
Principal Investigator
The Impact of Dragon Boat Racing on Cancer Survivorship
Sponsor: NIH/NCI Budget Dates: 06/01/07 - 05/31/08 Direct: $ 50,000
Award: 1 R03 CA128482-01 (06081899) Project Dates: 06/01/07 - 05/31/09 F & A: 23,000

Sharma, Anand
Principal Investigator
Multi-Center, Randomized, Phase II Study of Erlotinib, Cisplatin and Radiotherapy vs Cisplatin and
Radiotherapy in Patients with Stage III and IV Squamous Cell Carcinoma of the Head and Neck
Sponsor: Univ. of Washington Budget Dates: 10/26/06 - 10/25/09 Direct: $ 60,100
Award: OSI3602s (06102793) Project Dates: 10/26/06 - 10/25/09 F & A: 15,025

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 Budget Dates: 07/01/06 - 12/31/07 Direct: $ 153,991
Award: HEDA Study (03100204) Project Dates: 07/01/03 - 12/31/07 F & A: 38,497

Costello, Philip
Principal Investigator
Jupiter Study
Sponsor: Siemans Medical Solutions USA Budget Dates: 08/28/06 - 09/30/07 Direct: $ 53,940
Award: (06100914) Project Dates: 08/28/06 - 09/30/07 F & A: 12,635

Gordon, Leonie
Co-Investigator
Computer-Aided Cancer Management - Supplement Radiology
Pl: Gerard Silvestri Sponsor: DOD Total: $ 121,373
Dept: Medicine Award: W81XWH-05-1-0378 (04070126-10)

Mulvihill, Denise
Co-Investigator
Safety of N-Acetylcysteine in Maternal Chorioamnionitis
Pl: Dorothea Jenkins Sponsor: NIH/NINDS Total: $ 410,967
Dept: Pediatrics Award: 1 R01 NS052448-01A1 (06030223-1)
Nguyen, Shaun

Co-PI/Project Leader
Multi-Center, Double-Blind, Randomized, Controlled, Parallel-Group, Dose-Comparison Study with Corresponding Blinded Image Evaluation Following a Single Intravenous Injection of Three Different Doses of Gadobutrol 1.0 Molar (Gadovist) in Patients with Known of Highly Suspected Focal Blood Brain Barrier Disturbances and/or Abnormal Vascularity of the Central Nervous System
PI: Uwe Schoepf
Sponsor: Berlex Laboratories
Dept: Radiology
Award: 308200 (06072819-1)
Total: $ 205,680

Co-Investigator
Computer-Aided Cancer Management - Supplement Radiology
PI: Gerard Silvestri
Sponsor: DOD
Dept: Medicine
Award: W81XWH-05-1-0378 (04070126-10)
Total: $ 121,373

Ravenel, James

Co-PI/Project Leader
Computer-Aided Cancer Management - Supplement Radiology
PI: Gerard Silvestri
Sponsor: DOD
Dept: Medicine
Award: W81XWH-05-1-0378 (04070126-10)
Total: $ 121,373

Rumboldt, Zoran

Principal Investigator
A Phase III, Multi-Center, Open-Label Study to Evaluate Safety and Efficacy of Multihance at the Dose of 0.10 mmol/kg in Magnetic Resonance Imaging in the Central Nervous System in Pediatric Patients
Sponsor: Bracco Diagnostics, Inc.
Budget Dates: 07/31/06 - 07/31/08
Direct: $ 37,684
Award: MH-110 (06081792)

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
Sponsor: Bracco Diagnostics, Inc.
Budget Dates: 01/01/07 - 12/31/07
Direct: $ 62,340
Award: MH-126 (07011771)

Schoepf, Uwe

Principal Investigator
Multi-Detector-Row CT Imaging of the Coronary Arteries
Sponsor: Bracco Diagnostics, Inc.
Budget Dates: 11/22/04 - 12/31/07
Direct: $ 1,200
Award: (04120879)

Can MDCT with Functional Analysis and Delayed Imaging Distinguish Viable from Non-Viable Myocardium?
Sponsor: Bracco Diagnostics, Inc.
Budget Dates: 07/10/06 - 06/30/08
Direct: $ 81,635
Award: MDCT Perfusion Study (06062399)

Multi-Center, Double-Blind, Randomized, Controlled, Parallel-Group, Dose-Comparison Study with Corresponding Blinded Image Evaluation Following a Single Intravenous Injection of Three Different Doses of Gadobutrol 1.0 Molar (Gadovist) in Patients with Known of Highly Suspected Focal Blood Brain Barrier Disturbances and/or Abnormal Vascularity of the Central Nervous System
Sponsor: Berlex Laboratories
Budget Dates: 07/25/06 - 02/28/08
Direct: $ 205,680
Award: 306200 (06072819)

Cardiovascular Imaging Research Fellowship
Sponsor: Berlex Laboratories
Budget Dates: 12/19/06 - 08/31/08
Direct: $ 79,850
Award: Fellowship (06121437)

Multi-Detector-Row CT Imaging of the Coronary Arteries
Sponsor: Bracco Diagnostics, Inc.
Budget Dates: 02/01/07 - 01/31/08
Direct: $ 110,916
Award: MDCT (Part II) (07020567)

Multi-detector CT Imaging of the Coronary Arteries (Projects 2 & 3)
Sponsor: Siemens Medical Solutions USA
Budget Dates: 02/01/07 - 01/31/08
Direct: $ 60,000
Award: Projects 2 & 3 (07030195)
Can MDCT with functional analysis and delayed imaging distinguished viable from non-viable myocardium... Project #1
Sponsor: Siemens Medical Solutions USA
Award: Project #1 (07030197)
Budget Dates: Project Dates: 02/01/07 - 01/31/08 Direct: $ 20,000
F & A: $ 5,000

Spampinato, Maria
Principal Investigator
Comparison of Multi-Hance and Omniscan in the Evaluation of Normal Spinal Intradural Vascular Anatomy with MRA
Sponsor: Bracco Diagnostics, Inc.
Award: (07031983)
Project Dates: 02/01/07 - 01/31/08 F & A: $ 12,175
Total: $ 62,340
Dept: Radiology
Award: MH-126 (07011771-1)

Spicer, Kenneth
Co-PI/Project Leader
Open-Label, Dose-Confirmation and Dosimetry Study of Interstitial l-chTNT-1/B MAb (Cotara) for the Treatment of Glioblastoma Multiforme (GBM) at First Relapse
Pl: Sunil Patel
Dept: Neurosciences
Sponsor: Peregrine Pharmaceuticals
Award: PPHM 0602 (07031362-1)

Thilo, Christian
Co-Investigator
Jupiter Study
Pl: Philip Costello
Dept: Radiology
Sponsor: Siemens Medical Solutions USA
Award: (06100914-1)

Uflacker, Renan
Principal Investigator
Multi-Center Feasibility Study of Percutaneous Radiofrequency Ablation of Hepatocellular Carcinoma in Cirrhotic Patients
Sponsor: Amer. Coll. of Radiology
Award: ACRIN 6673 (06081579)
Project Dates: 03/01/06 - 12/31/07 F & A: $ 6,000

Surgery
Baliga, Prabhakar
Principal Investigator
A Program to Increase Living Donations in African Americans
Sponsor: NIH/NIDDK
Award: 5 R01 DK062596-05 (05051718)
Budget Dates: Project Dates: 09/15/02 - 07/31/07 Direct: $ 23,998
F & A: $ 67,379

Bradley, Scott
Co-Investigator
Randomized Clinical Trials for Pediatric Heart Disease
Pl: J. Saul
Dept: Pediatrics
Sponsor: NIH/NHLBI
Award: 2 U01 HL068281-06 (05092246-1)

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<td>Effects of Obesity on Musculocutaneous Flaps Used for Breast Reconstruction</td>
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<td>07/01/06 - 06/30/07</td>
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<td>Hsia, Tain-Yen</td>
<td>Implantable Microsensors for Wireless Hemodynamic and Oxygenation Monitoring</td>
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- RSG-06-262-01-CCE (04040201)
- 1 R01 DK089369-01A2 (05102826)
- 5 R01 DK083672-07S1 (06091489)
- 5 R01 CA083672-07S1 (06091489-1)
- 5 R01 CA102218-04 (07010936-1)
- 5 R01 CA102218-04 (07010936-1)
- 5 R01 CA102218-04 (07010936-1)
- 5 R01 HL075488-04 (06092874)
- 3 R01 CA083672-07S1 (06091489)
- 3 R01 CA083672-07S1 (06091489)
- 3 R01 CA083672-07S1 (06091489)
- 3 R01 CA083672-07S1 (06091489)
- 5 R01 CA083672-07 (07031469)
- 5 R01 CA083672-07 (07031469)

**F & A:**

- 26,669
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- 200
- 94,300
- 0
- 0
- 0
- 98,137
Lin, Angello  

**Principal Investigator**  

*A Phase IV, Randomized, Open-Label, Comparative, Multi-Center Study to Assess the Safety and Efficacy of Induction Agents Alemtuzumab (Campath 1H), Basiliximab (Simulect) or Rabbit Anti-Thymocyte Globulin (Thymoglobulin) in Combination with Tacrolimus (Prograf), Mycophenolate Mofetil (Cellcept) and a Rapid Steroid Withdrawal in Renal Transplant Recipients*  

**Sponsor:** Astellas Pharma US, Inc.  
**Award:** 20-04-003 (05042230)  
**Budget Dates:** 04/22/05 - 12/31/09  
**Direct:** $5,040  
**F & A:** $1,260

**Belatacept Evaluation of Nephroprotection and Efficacy as First-Line Immunosuppression Trial (BENEFIT)**  

**Sponsor:** Bristol Myers Squibb  
**Budget Dates:** 12/14/05 - 12/13/08  
**Direct:** $24,678  
**Award:** IM103008 (06010984)  
**F & A:** $6,169

Mains, Ira  

**Principal Investigator**  

*Extracellular Matrix Modulation by the Myocardial Fibroblast in Human Heart Failure*  

**Sponsor:** Amer. Heart Assoc./Mid-Atlantic  
**Budget Dates:** 07/01/06 - 06/30/07  
**Direct:** $20,000  
**Award:** 0615472U (06011102)  
**F & A:** $0

Mikhitarian, Kaidi  

**Co-PI/Project Leader**  

**Peripheral Blood Molecular Staging of Breast Cancer**  

**Sponsor:** Washington Univ.  
**Budget Dates:** 09/12/06 - 07/31/07  
**Direct:** $20,547  
**Award:** WU-07-231/R01CA109058-01A (05022888-1)  
**F & A:** $9,452

Mitas, Michael  

**Principal Investigator**  

**Peripheral Blood Molecular Staging of Breast Cancer**  

**Sponsor:** Washington Univ.  
**Budget Dates:** 09/12/06 - 07/31/07  
**Direct:** $20,547  
**Award:** WU-07-231/R01CA109058-01A (05022888)  
**F & A:** $9,452

**Detection of Occult Mediastinal Lymph Node Metastases**  

**Sponsor:** Mayo Clinic  
**Budget Dates:** 12/01/06 - 11/30/07  
**Direct:** $117,892  
**Award:** 5 R33 CA097875-05/Amend. (06121434)  
**F & A:** $54,230

**Co-Investigator**  

**Computer-Aided Cancer Management - Supplement Surgery**  

**Sponsor:** DOD  
**Budget Dates:** 09/12/06 - 07/31/07  
**Direct:** $47,106  
**Award:** W81XWH-05-1-0378 (04070126-13)  
**F & A:** $0

Morgan, Katherine  

**Principal Investigator**  

**Minimally Invasive Surgery Center Support Agreement**  

**Sponsor:** Karl Storz Endoscopy-America, Inc.  
**Budget Dates:** 04/10/07 - 04/09/08  
**Direct:** $508,125  
**Award:** Equipment Agreement (07033026)  
**F & A:** $0

**Co-Investigator**  

**A Comparison of Adhesion Development after Transgastric versus Laparoscopic Colonic Perforation Repair in a Pig Model**  

**Sponsor:** Amer. Society for Gastrointest Total: $65,337  
**Budget Dates:** 09/01/06 - 05/31/07  
**Direct:** $65,337  
**Award:** (06120101-1)  
**F & A:** $0

Nishimura, Michael  

**Principal Investigator**  

**Animal Model for Her-2/neu Specific TCR Gene Transfer**  

**Sponsor:** NIH/NCI  
**Budget Dates:** 09/01/06 - 05/31/07  
**Direct:** $248,807  
**Award:** 7 R01 CA102280-05 (06091491)  
**F & A:** $77,651

**Autoimmune Vitiligo as a Roadmap to Melanoma Therapy**  

**Sponsor:** Loyola University Chicago  
**Budget Dates:** 09/01/06 - 05/31/07  
**Direct:** $25,987  
**Award:** R01 CA109356-02 (06091492)  
**F & A:** $11,954

**Lentiviral Vectors for TCR Immunotherapy Targeted to Melanoma**  

**Sponsor:** Lentigen Corporation  
**Budget Dates:** 09/28/06 - 06/30/08  
**Direct:** $75,160  
**Award:** 1 R43 CA126461-01 (06111340)  
**F & A:** $34,574

**Lentiviral Vectors for TCR Immunotherapy Targeted to HCV**  

**Sponsor:** Lentigen Corporation  
**Budget Dates:** 04/15/07 - 12/31/07  
**Direct:** $75,160  
**Award:** 1 R43 AI073097-01 (06111342)  
**F & A:** $34,574
### Animal Model for Her-2/neu Specific TCR Gene Transfer
- **Sponsor:** NIH/NCI
- **Budget Dates:** 06/01/07 - 05/31/08
- **Direct:** $211,887
- **F & A:** $51,468
- **Award:** 5 R01 CA102280-06 (07043034)

### American Cancer Society Institutional Research Grant (ACS/IRG)
- **Sponsor:** Amer. Cancer Soc.
- **Budget Dates:** 01/01/07 - 12/31/07
- **Direct:** $120,000
- **F & A:** 0
- **Award:** IRG-97-219-08 (06033010)

### Computer-Aided Cancer Management - Supplement Surgery
- **PI:** Gerard Silvestri
- **Sponsor:** DOD
- **Total:** $47,106
- **Dept:** Medicine
- **Award:** W81XWH-05-1-0378 (04070126-13)

### Altering Post Vaccination T Cell Contraction
- **PI:** David Cole
- **Sponsor:** NIH/NCI
- **Total:** $170,673
- **Dept:** Surgery
- **Award:** 5 R01 CA083672-07 (07031469-1)

### Selective Endothelin Type A Receptor Inhibition in Cardiac Surgery Subjects with Pre-Existing Cardiovascular Risk Factors
- **Sponsor:** Encysive Pharmaceuticals
- **Budget Dates:** 04/15/06 - 12/31/07
- **Direct:** $87,000
- **F & A:** 21,750
- **Award:** FCAD02 (06042487)

### Maladaptive Remodeling in Aging Myocardium
- **Sponsor:** VAMC
- **Budget Dates:** 10/01/06 - 11/30/07
- **Direct:** $150,000
- **F & A:** 0
- **Award:** (06062417)

### Protection of Ischemic Myocardium
- **Sponsor:** Univ. of Louisville
- **Budget Dates:** 04/15/05 - 03/31/06
- **Direct:** $34,320
- **F & A:** 15,787
- **Award:** 040825B1 (06082943)

### Endothelin Receptors and Progression to Heart Failure
- **Sponsor:** NIH/NHLBI
- **Budget Dates:** 12/01/05 - 12/31/05
- **Direct:** $142,227
- **F & A:** 65,424
- **Award:** 5 R01 HL057952-08 (06092654)

### Imaging of MMP Activation and Myocardial Fiber Strains
- **Sponsor:** Yale Univ.
- **Budget Dates:** 09/01/04 - 08/31/05
- **Direct:** $45,000
- **F & A:** 20,700
- **Award:** A05801 (06120197)

### Modifying the Myocardial Fibrotic Response in Hypertensive Heart Failure
- **Co-Pi/Project Leader**
- **Sponsor:** Ferring Pharmaceuticals
- **Budget Dates:** 12/20/06 - 12/20/06
- **Direct:** $269,349
- **F & A:** 123,901
- **Award:** (06122054)

### Load-Induced Cardiac Hypertrophy in the Adult Mammal: Project 2 - Mechanisms of Heterogenous Remodeling in Myocardial Infraction
- **PI:** George Cooper, IV
- **Sponsor:** NIH/NHLBI
- **Total:** $173,184
- **Dept:** Medicine
- **Award:** 5 P01 HL048788-14 (05053192-20)

### Load-Induced Cardiac Hypertrophy in the Adult Mammal: Core C - Animal Model Core
- **PI:** George Cooper, IV
- **Sponsor:** NIH/NHLBI
- **Total:** $143,823
- **Dept:** Medicine
- **Award:** 5 P01 HL048788-14 (05053192-16)

### SIP 25-04 Prostate Cancer: Decision Making and Outcomes (FACTS Study)
- **Sponsor:** Univ. of Washington
- **Budget Dates:** 09/30/06 - 09/29/07
- **Direct:** $35,808
- **F & A:** 16,472
- **Award:** 5 U48 DP000050-03 (06111338)

### A Multi-Center, Multiple-Dose, Double-Blind, Randomized, Placebo-Controlled, Parallel-Group Study of the Safety and Efficacy of AGN 203818 for the Treatment of Pain Associated with Painful Bladder Syndrome/Interstitial Cystitis
- **Sponsor:** Allergan, Inc.
- **Budget Dates:** 08/31/06 - 11/30/07
- **Direct:** $206,490
- **F & A:** 50,873
- **Award:** 203818-005-00 (06081475)
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)

Budget Dates: 09/28/06 - 09/27/07  
Direct: $68,110  
F & A: $13,777

Principal Investigator: Rovner, Eric

A Randomized, Evaluator-Blinded, Multi-Center Study Comparing the Efficacy and Safety of Zuidex with Contigen in Female Patients with Stress Urinary Incontinence

Sponsor: Q-Med AB  
Award: 33DS0201 (04072304)

Budget Dates: 10/04/04 - 10/05/07  
Direct: $73,058  
F & A: $1,460

A Randomized, Double-Blind, Placebo-Controlled, Four-Arm (Placebo, Tolterodine ER, Tamsulosin, and Tolterodine ER Plus Tamsulosin) Study to Evaluate the Clinical Efficacy and Safety of Tolterodine ER 4 mg in Men Who Have Frequency and Urgency, with or without Urinary Urge Incontinence, with or without Bladder Outlet Obstruction

Sponsor: PPD Development  
Award: A6121120 (04091602)

Budget Dates: 10/08/04 - 06/30/07  
Direct: $2,734  
F & A: $683

An Evaluation of the AttenuX IntraVesical System in the Management of Female Patients with Stress Urinary Incontinence

Sponsor: Solace Therapeutics, Inc.  
Award: SOL-2004-001 (06081065)

Budget Dates: 08/09/06 - 01/31/10  
Direct: $324,360  
F & A: $81,090

Overactive Bladder Innovative Therapy Trial (ObIT Trial)

Sponsor: Uroplasty, Inc.  
Award: UPC032006 (06082945)

Budget Dates: 09/12/06 - 09/11/09  
Direct: $45,813  
F & A: $10,703
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<td>Advanced Education Nursing Grants: Teaching and Reaching Vulnerable Populations: An Online PhD Program</td>
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<td>A Partnership to Promote Physical Activity and Healthy Eating in AME Churches</td>
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Annual Report for Research FY2007 139
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### Pharmaceutical Sciences

**Principal Investigator**

**Beta Oxidation in Myotubes**

- **Sponsor**: Seahorse Biosciences, Inc.
- **Budget Dates**: 03/14/05 - 06/30/07
- **Direct**: $31,883

**Development of Neurotensin-Based Analgesics**

- **Sponsor**: Argolyn Bioscience, Inc.
- **Budget Dates**: 08/01/06 - 07/31/07
- **Direct**: $37,427

**Mitochondrial Antibody Array Agreement**

- **Sponsor**: Lumera Corporation
- **Budget Dates**: 04/25/07 - 04/30/08
- **Direct**: $68,182

**Co-PI/Project Leader**

**Translational Research on Cancer Control and Related Therapy: Targeting Topoisomerase I with Bifunctional Agents**

- **PI**: Andrew Kraft
- **Sponsor**: Science Applications Intl. Cor
- **Budget Dates**: 08/01/06 - 07/31/07
- **Direct**: $37,427
- **Total**: $55,005

**Safety of N-Acetylcysteine in Maternal Chorioamnionitis**

- **PI**: Dorothea Jenkins
- **Sponsor**: NIH/NINDS
- **Budget Dates**: 08/01/06 - 07/31/07
- **Direct**: $410,967
- **Total**: $410,967

**Fusion Protein in Patients with Relapse and Refractory AML**

- **PI**: Andrew Kraft
- **Sponsor**: Science Applications Intl. Cor
- **Budget Dates**: 08/01/05 - 07/31/06
- **Direct**: $97,650
- **Total**: $97,650

**EGF Receptor as a Therapeutic Target in Renal Failure**

- **Sponsor**: NIH/NIEHS
- **Budget Dates**: 09/30/06 - 09/29/07
- **Direct**: $33,234

**Liver Preservation for Transplantation**

- **Sponsor**: NIH/NIDDK
- **Budget Dates**: 05/01/07 - 04/30/08
- **Direct**: $358,884

**Mechanisms of I/R Injury to Hepatocytes**

- **Sponsor**: NIH/NIDDK
- **Budget Dates**: 03/20/07 - 02/28/08
- **Direct**: $205,000

**Ethanol-Induced VDAC Closure in Hepatocytes**

- **Sponsor**: NIH/NIDDK
- **Budget Dates**: 08/01/06 - 07/31/07
- **Direct**: $10,473

**Liver Preservation for Transplantation**

- **Sponsor**: NIH/NIDDK
- **Budget Dates**: 05/01/07 - 04/30/08
- **Direct**: $357,751

**Transplantation of Reduced-Size Fatty Livers**

- **PI**: Zhi Zhong
- **Sponsor**: NIH/NIDDK
- **Budget Dates**: 05/01/07 - 04/30/08
- **Direct**: $179,150

**Pharmacokinetics and Drug Interactions with Milk Thistle**

- **Sponsor**: NIH/NCCAM
- **Budget Dates**: 04/01/07 - 03/31/08
- **Direct**: $97,650

---

**Garner, Sandra**

**Co-Investigator**

**Safety of N-Acetylcysteine in Maternal Chorioamnionitis**

- **PI**: Dorothea Jenkins
- **Sponsor**: NIH/NINDS
- **Budget Dates**: 08/01/06 - 07/31/07
- **Direct**: $410,967
- **Total**: $410,967

---

**Hall, Philip**

**Principal Investigator**

**Fusion Protein in Patients with Relapse and Refractory AML**

- **Sponsor**: Scott and White Memorial Hospital
- **Budget Dates**: 10/01/05 - 09/30/06
- **Direct**: $6,440

---

**Hallman, Mark**

**Principal Investigator**

**EGF Receptor as a Therapeutic Target in Renal Failure**

- **Sponsor**: NIH/NIEHS
- **Budget Dates**: 09/30/06 - 09/29/07
- **Direct**: $33,234

---

**Lemasters, John**

**Principal Investigator**

**Liver Preservation for Transplantation**

- **Sponsor**: NIH/NIDDK
- **Budget Dates**: 05/01/06 - 04/30/07
- **Direct**: $358,884

**Mechanisms of I/R Injury to Hepatocytes**

- **Sponsor**: NIH/NIDDK
- **Budget Dates**: 03/20/07 - 02/28/08
- **Direct**: $205,000

**Ethanol-Induced VDAC Closure in Hepatocytes**

- **Sponsor**: NIH/NIDDK
- **Budget Dates**: 08/01/06 - 07/31/07
- **Direct**: $10,473

**Liver Preservation for Transplantation**

- **Sponsor**: NIH/NIDDK
- **Budget Dates**: 05/01/06 - 04/30/07
- **Direct**: $165,087

**Mechanisms of I/R Injury to Hepatocytes**

- **Sponsor**: NIH/NIDDK
- **Budget Dates**: 03/20/07 - 02/28/08
- **Direct**: $94,300

**Ethanol-Induced VDAC Closure in Hepatocytes**

- **Sponsor**: NIH/NIDDK
- **Budget Dates**: 08/01/06 - 07/31/07
- **Direct**: $4,817

**Liver Preservation for Transplantation**

- **Sponsor**: NIH/NIDDK
- **Budget Dates**: 05/01/06 - 04/30/07
- **Direct**: $164,565

**Co-PI/Project Leader**

**Transplantation of Reduced-Size Fatty Livers**

- **PI**: Zhi Zhong
- **Sponsor**: NIH/NIDDK
- **Budget Dates**: 05/01/06 - 04/30/07
- **Direct**: $179,150

---

**Markowitz, John**

**Principal Investigator**

**Pharmacokinetics and Drug Interactions with Milk Thistle**

- **Sponsor**: NIH/NCCAM
- **Budget Dates**: 04/01/07 - 03/31/08
- **Direct**: $97,650

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Annual Report for Research FY2007
### Patrick, Kennerly

**Principal Investigator**

**Methylphenidate-Ethanol Interactions in ADHD and Co-Abuse**
- **Sponsor:** NIH/NIAAA
- **Award:** 9 R01 AA16707-03A1 (05063054)
- **Budget Dates:** 09/30/06 - 08/31/07
- **Project Dates:** 09/30/02 - 08/31/11
- **Direct:** $225,000
- **F & A:** $103,500

**Co-Investigator**

**Dual-Hit Hypothesis of Aging-Related DA Dysfunction-Project 1**
- **PI:** Ann-Charlotte Granholm
- **Dept:** Neurosciences
- **Sponsor:** NIH/NIA
- **Award:** 5 P01 AG023630-02 (04112920-14)
- **Budget Dates:** 09/30/02 - 08/31/11
- **Project Dates:** 09/30/05 - 08/31/07
- **Total:** $100,988
- **F & A:** $85,346

### Schnellmann, Rick

**Principal Investigator**

**Training Program in Environmental Stress Signaling**
- **Sponsor:** NIH/NIEHS
- **Award:** 5 T32 ES012788-02 (04052802)
- **Budget Dates:** 07/01/06 - 06/30/07
- **Project Dates:** 07/01/05 - 06/30/10
- **Direct:** $128,876
- **F & A:** $7,527

**Mitochondrial Calpain Mediated Renal Cell Death**
- **Sponsor:** NIH/NIEHS
- **Award:** 5 R01 ES012393-03 (05061466)
- **Budget Dates:** 08/01/06 - 07/31/07
- **Project Dates:** 08/01/05 - 07/31/07
- **Total:** $185,535
- **F & A:** $94,486

**Novel Phospholipase A2 in Oxidant-Induced Cell Injury**
- **Sponsor:** NIH/NIDDK
- **Award:** 2 R01 DK062028-04A2 (06021761)
- **Budget Dates:** 01/01/07 - 11/30/07
- **Project Dates:** 03/15/02 - 11/30/07
- **Direct:** $272,225
- **F & A:** $94,486

**Dedifferentiation Following Renal Cell Injury**
- **Sponsor:** Rhode Island Hospitals
- **Award:** 7 R01 DK071997-02 (06081898)
- **Budget Dates:** 02/24/06 - 01/31/07
- **Project Dates:** 02/24/06 - 01/31/07
- **Total:** $205,000
- **F & A:** $32,660

**SC COBRE in Lipidomics and Pathobiology: Core A - Administrative Core**
- **PI:** Lina Obeid
- **Dept:** Biochemistry and Molecular Biology
- **Sponsor:** NIH/NCRR
- **Award:** 5 P20 RR017677-05 (05062082-31)
- **Budget Dates:** 09/01/06 - 08/31/07
- **Project Dates:** 09/01/06 - 08/31/10
- **Total:** $179,112
- **F & A:** $31,713

**Protection of Steatotic Livers from Primary Nonfunction**
- **PI:** Kenneth Chavin
- **Dept:** Surgery
- **Sponsor:** NIH/NIDDK
- **Award:** 1 R01 DK069369-01A2 (05062290)
- **Budget Dates:** 09/01/06 - 08/31/07
- **Project Dates:** 09/01/06 - 08/31/07
- **Total:** $205,000
- **F & A:** $31,713

### Smith, Charles

**Principal Investigator**

**Acyltransferase Inhibitors as Anti Ras Agents**
- **Sponsor:** NIH/NCI
- **Award:** 7 R01 CA075248-11 (06032288)
- **Budget Dates:** 06/30/06 - 02/28/07
- **Project Dates:** 09/30/06 - 02/28/07
- **Direct:** $174,879
- **F & A:** $67,488

**Drug Discovery for Diabetic Retinopathy**
- **Sponsor:** NIH/NEI
- **Award:** 7 R01 EY016448-04 (06032289)
- **Budget Dates:** 12/01/06 - 08/31/07
- **Project Dates:** 09/30/06 - 08/31/07
- **Direct:** $78,879
- **F & A:** $36,284

**Antitumor Antimitotics That Reverse Tumor Resistance**
- **Sponsor:** Duquesne Univ.
- **Award:** 1 R01 CA114021-01A1 (06032290)
- **Budget Dates:** 03/01/07 - 01/31/07
- **Project Dates:** 02/24/06 - 01/31/07
- **Direct:** $71,000
- **F & A:** $32,660

**Sphingosine Kinase as a Target for Cancer Therapy**
- **Sponsor:** NIH/NCI
- **Award:** 1 R01 CA122226-01A1 (06070353)
- **Budget Dates:** 04/01/07 - 01/31/08
- **Project Dates:** 04/01/07 - 01/31/08
- **Direct:** $191,575
- **F & A:** $85,825

**Acyltransferase Inhibitors as Anti Ras Agents**
- **Sponsor:** NIH/NCI
- **Award:** 5 R01 CA075248-12 (07020262)
- **Budget Dates:** 03/01/07 - 01/31/08
- **Project Dates:** 09/10/07 - 01/31/08
- **Direct:** $303,171
- **F & A:** $139,458

**Antitumor Antibiotics that Reverse Tumor Resistance**
- **Sponsor:** Duquesne Univ.
- **Award:** 5 R01 CA114021-02/250025 (07031679)
- **Budget Dates:** 02/01/07 - 12/31/07
- **Project Dates:** 02/01/07 - 12/31/07
- **Direct:** $68,941
- **F & A:** $31,713

### Sweet, Douglas

**Principal Investigator**

**Organic Anion Transporters 2 and 3 in Renal and Toxicity**
- **Sponsor:** NIH/NIDDK
- **Award:** 5 R01 DK067216-03 (06100916)
- **Budget Dates:** 12/01/06 - 11/30/07
- **Project Dates:** 01/01/05 - 11/30/08
- **Direct:** $200,541
- **F & A:** $92,249
VanWert, Adam  
Principal Investigator  
In Vivo Implications of Organic Anion Transporter 3 Knockout  
Sponsor: Amer. Fdn. for Pharmaceutical Educ.  
Budget Dates: 09/01/06 - 08/31/07  
Direct: $ 6,000  
Award: (06082210)  
Project Dates: 09/01/06 - 08/31/07  
F & A: 0

White, Roger  
Principal Investigator  
Monte Carlo Analysis of the Pharmacodynamics of Vancomycin and Daptomycin against Methicillin-Resistant Staphylococcus Aureus  
Sponsor: USC Research Foundation  
Budget Dates: 07/31/06 - 03/31/08  
Direct: $ 28,455  
Award: (06061983)  
Project Dates: 07/31/06 - 03/31/08  
F & A: 7,114

Wiest, Donald  
Co-Investigator  
Safety of N-Acetylcysteine in Maternal Chorioamnionitis  
PI: Dorothea Jenkins  
Sponsor: NIH/NINDS  
Total: $ 410,967  
Dept: Pediatrics  
Award: 1 R01 NS052448-01A1 (06030223-1)

Wright, Gary  
Co-Investigator  
Novel Phospholipase A2 in Oxidant-Induced Cell Injury  
PI: Rick Schnellmann  
Sponsor: NIH/NIDDK  
Total: $ 272,225  
Dept: Pharmaceutical Sciences  
Award: 2 R01 DK062028-04A2 (06021761-1)

Yu, Shan  
Co-PI/Project Leader  
Neuroprotective Drug after Ischemic Stroke Animal  
PI: Ling Wei  
Sponsor: Merck  
Total: $ 58,219  
Dept: Pathology and Laboratory Medicine  
Award: Project Confirmation 2 (06080954-1)

Zhong, Zhi  
Principal Investigator  
Transplantation of Reduced-Size Fatty Livers  
Sponsor: NIH/NIDDK  
Budget Dates: 06/01/07 - 05/31/08  
Direct: $ 179,150  
Award: 5 R01 DK070844-02 (07041273)  
Project Dates: 06/01/06 - 05/31/11  
F & A: 82,409

Pharmacy and Clinical Sciences  
Bosso, John  
Principal Investigator  
Analysis of Effect of Changes in Usage Patterns of Carbapenems with a Formulary Switch from Imipenem to Meropenem on Susceptibility/Resistance of Gram-Negative Pathogens and Costs of Treatment of Associated Infections  
Sponsor: Astrazeneca  
Budget Dates: 05/01/07 - 03/01/09  
Direct: $ 105,910  
Award: IRUSMERO0097 (07012401)  
Project Dates: 05/01/07 - 03/01/09  
F & A: 25,728

Chumney, Elinor  
Co-Investigator  
Computer-Aided Cancer Management - Nicotine Replacement  
PI: Gerard Silvestri  
Sponsor: DOD  
Total: $ 83,660  
Dept: Medicine  
Award: W81XWH-05-1-0378 (04070126-15)

Cox, Toby  
Co-Investigator  
Safety of N-Acetylcysteine in Maternal Chorioamnionitis  
PI: Dorothea Jenkins  
Sponsor: NIH/NINDS  
Total: $ 410,967  
Dept: Pediatrics  
Award: 1 R01 NS052448-01A1 (06030223-1)
LaPointe, Marc

**Principal Investigator**

*A Prospective Study to Evaluate the Darbepoetin alfa (Aranesp) in Patients Admitted to the Intensive Care Unit*

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**Budget Dates:** 11/21/06 - 06/30/08  
**Direct:** $62,900

**Co-PI/Project Leader**

*ICH Removal: Minimally Invasive Surgery + rt-PA (MISTIE)*

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<th>Byron Bailey</th>
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**Project Dates:** 11/21/06 - 06/30/08  
**Total:** $106,000

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Mauldin, Patrick

**Co-Investigator**

*Neurological Emergencies Treatment Trials Network Statistical and Data Management*

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**Total:** $499,340

**Analysis of Effect of Changes in Usage Patterns of Carbapenems with a Formulary Switch from Imipenem to Meropenem on Susceptibility/Resistance of Gram-Negative Pathogens and Costs of Treatment of Associated Infections**

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**Total:** $105,910

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Nappi, Jean

**Principal Investigator**

*2006-2007 Pharmacy Residency Support Program*

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**Budget Dates:** 07/01/06 - 06/30/07  
**Direct:** $38,590

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Wessell, Andrea

**Co-Investigator**

*Primary Care Practice Based Research Networks (PBRNs)*

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**Total:** $1,199

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