**Summary of Grant and Contract Activity**

**July 2005 - June 2006**

<table>
<thead>
<tr>
<th>Source</th>
<th>Projects</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal</td>
<td>522</td>
<td>$136,277,519</td>
</tr>
<tr>
<td>Federal Direct</td>
<td>377</td>
<td>$120,370,917</td>
</tr>
<tr>
<td>Federal Flow-Down</td>
<td>145</td>
<td>$15,906,602</td>
</tr>
<tr>
<td>Corporate</td>
<td>351</td>
<td>$24,150,597</td>
</tr>
<tr>
<td>State of South Carolina</td>
<td>53</td>
<td>$23,528,461</td>
</tr>
<tr>
<td>Foundation</td>
<td>81</td>
<td>$5,133,891</td>
</tr>
<tr>
<td>Other Support</td>
<td>11</td>
<td>$283,748</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>1018</td>
<td><strong>$189,374,216</strong></td>
</tr>
</tbody>
</table>
Executive Summary

The Medical University of South Carolina surpassed the 1,000 award mark by recording 1,018 awards for $189.3M. This represents a $8.7M increase (↑4.8%) over FY2005. Proposals submitted numbered 1,183. The University appreciates the 452 physicians and scientists who attracted these revenues in difficult times.

NIH and Total Funding - 10 Year Summary

Chart 1

Table 1 NIH Funding by Activity Type

<table>
<thead>
<tr>
<th>NIH Awards</th>
<th>Number</th>
<th>Net Change</th>
<th>Amount</th>
<th>Net Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research</td>
<td>201</td>
<td>-23</td>
<td>$48,203,006</td>
<td>$(4,444,603)</td>
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<tr>
<td>Program Projects &amp; Centers</td>
<td>17</td>
<td>-3</td>
<td>22,375,559</td>
<td>(2,079,334)</td>
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<tr>
<td>Training</td>
<td>18</td>
<td>6</td>
<td>3,942,855</td>
<td>1,203,462</td>
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<tr>
<td>Fellowships</td>
<td>15</td>
<td>4</td>
<td>509,715</td>
<td>141,335</td>
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<tr>
<td>Cooperative Agreements</td>
<td>10</td>
<td>-3</td>
<td>5,507,097</td>
<td>495,046</td>
</tr>
<tr>
<td>Construction/Instrumentation</td>
<td>1</td>
<td>1</td>
<td>529,000</td>
<td>529,000</td>
</tr>
<tr>
<td>Contracts, Agreements &amp; Other</td>
<td>7</td>
<td>-1</td>
<td>3,066,657</td>
<td>190,775</td>
</tr>
<tr>
<td></td>
<td>269</td>
<td>-19</td>
<td>$84,133,889</td>
<td>$(3,964,319)</td>
</tr>
</tbody>
</table>

As shown in table 1, the University decreased in number of awards by 19 with a corresponding loss of funding in research categories.
Forty nine federal agencies awarded 377 grants and contracts. The National Heart Lung and Blood Institute awarded $16.0M and the National Cancer Institute provided $10.1M. Federal sources of support constitute 72% of all research; this is down from 83.5% of all support in ‘FY05.

The phrase “difficult times” is used to describe the period in which Federal sources of support are stabilized, and NIH funding has leveled off. Federal and flow down support declined $14.5M (9.7%) to $136.3M; NIH’ research decreased $4M to $84.1M. For the first time since 1970 the NIH research budget will grow less than the rate of inflation and this is a second straight year MUSC has experienced decreases in NIH funding.

Chart 2 Federal Funding by Agency

<table>
<thead>
<tr>
<th>Agency</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOD</td>
<td>2.00%</td>
</tr>
<tr>
<td>CDC</td>
<td>2.00%</td>
</tr>
<tr>
<td>DHHS</td>
<td>1.58%</td>
</tr>
<tr>
<td>DOE</td>
<td>1.26%</td>
</tr>
<tr>
<td>HRSA</td>
<td>12.12%</td>
</tr>
<tr>
<td>NIST</td>
<td>5.46%</td>
</tr>
<tr>
<td>Veteran’s Affairs</td>
<td>2.88%</td>
</tr>
<tr>
<td>Other</td>
<td>4.05%</td>
</tr>
<tr>
<td>NIH</td>
<td>68.84%</td>
</tr>
</tbody>
</table>

With federal budgets stabilized, it prompts a more diversified portfolio. The number of different corporate sponsors increased from 145 to 155. The number of corporate awards grew from 305 for $19.9M to 351 awards for $24.1M. This constitutes a 21.1% increase in research support. The two corporations funding more than $1M in research are Astrazeneca for $1.19M and Pfizer, Inc for $1.18M. Corporate research and clinical trials represent the second highest source of support with 12.8%.

The major news is State support! The Life Sciences Act was enacted which provides for support of the South Carolina Research Centers of Economic Excellence (SCRCOEE). While there have been some draw downs for the endowed professorships, the first expendable research funds were awarded this year. State awards increased from $3.2M to $23.2M. The April 20 issue of the New England Journal of Medicine communicated that the doubling of the NIH budget over years fueled discoveries and led to novel and effective diagnostic tools and therapies. The hope and trust is SCRCOEE will do for South Carolina what NIH has done for the nation. This is one of the decisive years where MUSC emerges as a leading university in economic development as well as research.

Foundation support remains stable. The number of awards increased from 70 to 81 while the amount awards declined from $5.7M to $5.1M. Other support (non federal) slipped from 19 to 11 while
the funding dipped from $799K to $576K. Increasing numbers of faculty are maxing out on available research time and gains in one source may be offset by another source.

Chart 2

**FY06 Funding by Source**

- **Federal** 72.0%
- **Corporate** 12.8%
- **State** 12.3%
- **Foundation** 2.7%
- **Other** 0.3%

**Summary of Agency Support by Fund Source**

### Corporate

<table>
<thead>
<tr>
<th>Agency</th>
<th># Awards</th>
<th>Direct</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>3F Therapeutics</td>
<td>3</td>
<td>22,485</td>
<td>28,106</td>
</tr>
<tr>
<td>Abbott Labs</td>
<td>8</td>
<td>219,160</td>
<td>273,456</td>
</tr>
<tr>
<td>Abbott Vascular Devices</td>
<td>2</td>
<td>639,260</td>
<td>799,075</td>
</tr>
<tr>
<td>Abiomed</td>
<td>1</td>
<td>22,200</td>
<td>27,750</td>
</tr>
<tr>
<td>Access Medical Group</td>
<td>1</td>
<td>7,760</td>
<td>9,700</td>
</tr>
<tr>
<td>Actelion Pharmaceuticals</td>
<td>2</td>
<td>27,099</td>
<td>33,874</td>
</tr>
<tr>
<td>Advanced Bionics</td>
<td>1</td>
<td>25,700</td>
<td>32,125</td>
</tr>
<tr>
<td>Advanced Cardiovascular Systems</td>
<td>2</td>
<td>268,329</td>
<td>365,972</td>
</tr>
<tr>
<td>Advanced Medical Optics, Inc.</td>
<td>1</td>
<td>7,200</td>
<td>9,000</td>
</tr>
<tr>
<td>Aga Medical Corp.</td>
<td>1</td>
<td>1,000</td>
<td>1,000</td>
</tr>
<tr>
<td>Alba Therapeutics, Inc.</td>
<td>1</td>
<td>33,125</td>
<td>41,406</td>
</tr>
<tr>
<td>Alcon, Inc.</td>
<td>3</td>
<td>70,018</td>
<td>92,700</td>
</tr>
<tr>
<td>Amer. Coll. of Radiology</td>
<td>1</td>
<td>12,160</td>
<td>15,200</td>
</tr>
<tr>
<td>Angen</td>
<td>6</td>
<td>211,607</td>
<td>248,665</td>
</tr>
<tr>
<td>Antisoma</td>
<td>1</td>
<td>50,000</td>
<td>60,000</td>
</tr>
<tr>
<td>Astellas Pharma US, Inc.</td>
<td>2</td>
<td>6,706</td>
<td>6,706</td>
</tr>
<tr>
<td>Astra Pharmaceuticals, L.P.</td>
<td>1</td>
<td>3,193</td>
<td>3,991</td>
</tr>
<tr>
<td>AstraZeneca</td>
<td>7</td>
<td>957,088</td>
<td>1,196,360</td>
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<tr>
<td>Aventis Pharmaceutical, Inc.</td>
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<td>14,671</td>
<td>18,339</td>
</tr>
<tr>
<td>Avicena</td>
<td>1</td>
<td>636</td>
<td>801</td>
</tr>
<tr>
<td>Axonyx USA</td>
<td>2</td>
<td>654,873</td>
<td>818,591</td>
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<tr>
<td>BARRX Medical, Inc.</td>
<td>1</td>
<td>109,641</td>
<td>137,051</td>
</tr>
<tr>
<td>Bayer Pharmaceuticals</td>
<td>1</td>
<td>23,148</td>
<td>25,000</td>
</tr>
</tbody>
</table>

- **Becton Dickinson**
- **Berlex Laboratories**
- **Biosense Webster, Inc.**
- **Boehringer Ingelheim Pharmaceuticals**
- **Boston Scientific Corp.**
- **Brigham and Womens Hospital**
- **Bristol Myers Squibb**
- **Bunnell, Inc.**
- **Cameron Health, Inc.**
- **Celgene Corp.**
- **Cell Factor Technologies**
- **CellzDirect, Inc.**
- **Centocor, Inc.**
- **Cephalon, Inc.**
- **Ceremed, Inc.**
- **Chiltern International, Inc.**
- **Chiron, Inc.**
- **Cmed, Inc.**
- **Cochlear Americas**
- **Coley Pharmaceutical Group, Inc.**
- **Coram Healthcare, Inc.**
- **Corus Pharma**
- **Covance, Inc.**
<table>
<thead>
<tr>
<th>Agency</th>
<th># Awards</th>
<th>Direct</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHCPR/AHRQ</td>
<td>4</td>
<td>504,209</td>
<td>536,850</td>
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<tr>
<td>APIRE</td>
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<td>54,436</td>
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<tr>
<td>Augusta VA Medical Center</td>
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<td>32,800</td>
<td>32,800</td>
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<tr>
<td>CDC</td>
<td>4</td>
<td>1,454,083</td>
<td>1,899,480</td>
</tr>
<tr>
<td>DHHHS</td>
<td>7</td>
<td>1,255,631</td>
<td>1,570,461</td>
</tr>
</tbody>
</table>

**Corporate**

<table>
<thead>
<tr>
<th>Agency</th>
<th># Awards</th>
<th>Direct</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>(155 Agencies)</td>
<td></td>
<td></td>
<td>$19,485,907</td>
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</table>
### Federal Flow-Down

<table>
<thead>
<tr>
<th>Agency</th>
<th># Awards</th>
<th>Direct</th>
<th>Total</th>
</tr>
</thead>
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<tr>
<td>AAMC</td>
<td>2</td>
<td>425,997</td>
<td>621,955</td>
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<tr>
<td>Albert Einstein Coll. of Med.</td>
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<td>17,178</td>
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<tr>
<td>Ambulatory Pediatric Assoc.</td>
<td>1</td>
<td>69,870</td>
<td>80,354</td>
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<tr>
<td>Amer. Acad. of Child Psychiatry</td>
<td>3</td>
<td>169,990</td>
<td>179,118</td>
</tr>
<tr>
<td>Amer. Coll. of Radiology</td>
<td>2</td>
<td>215,687</td>
<td>267,000</td>
</tr>
<tr>
<td>Amer. Psychiatric Assoc.</td>
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<td>55,336</td>
<td>55,336</td>
</tr>
<tr>
<td>Argolyn Bioscience, Inc.</td>
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<td>107,591</td>
<td>157,083</td>
</tr>
<tr>
<td>Audiology, Inc.</td>
<td>1</td>
<td>63,088</td>
<td>92,108</td>
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<tr>
<td>Boston Univ.</td>
<td>1</td>
<td>19,356</td>
<td>20,904</td>
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<td>Brigham and Womens Hospital</td>
<td>1</td>
<td>34,460</td>
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<td>Case Western Reserve Univ.</td>
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<td>101,655</td>
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<td>Cell and Tissue Systems, Inc.</td>
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<td>Childrens Hosp. of Philadelphia</td>
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<tr>
<td>Childrens Hospital Medical Center</td>
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<td>50,000</td>
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<tr>
<td>Childrens Hospital Research Fdn.</td>
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<td>Coll. of Charleston</td>
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<td>Duke Univ.</td>
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<td>80,632</td>
<td>115,071</td>
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<tr>
<td>Emory Univ.</td>
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<td>176,006</td>
<td>256,969</td>
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<td>Geo-Centers, Inc.</td>
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<td>819,999</td>
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<td>Greenwood Genetic Center</td>
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<td>Guild Associates, Inc.</td>
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<td>9,480</td>
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<tr>
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<tr>
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<tr>
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<td>1,335</td>
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<td>Massachusetts Eye and Ear Infirmary</td>
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<td>27,290</td>
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<td>Mayo Clinic</td>
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<td>240,785</td>
<td>351,546</td>
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<td>Mayo Fdn. For Medical Research</td>
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<td>68,509</td>
<td>100,023</td>
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<td>45,621</td>
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<td>Mt. Sinai Medical Center</td>
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<td>Mystic Aquarium</td>
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<td>NSABP</td>
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<td>6,165</td>
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<td>National Childhood Cancer Fdn.</td>
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<td>New Jersey Medical School</td>
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<tr>
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<td>67,450</td>
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<td>8,000</td>
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<td>Physician Micro Systems, Inc.</td>
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<td>273,776</td>
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<td>Research Fdn. For Mental Hygiene</td>
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<td>148,843</td>
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<td>978,349</td>
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<td>55,000</td>
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<td>SC Dept. of Natural Resources</td>
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<td>114,540</td>
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<tr>
<td>SC Dept. of Public Safety</td>
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<td>78,031</td>
</tr>
<tr>
<td>SC Research Authority</td>
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<tr>
<td>SC Sea Grant Consortium</td>
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</tr>
<tr>
<td>SC State Univ.</td>
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<td>SCUREF</td>
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<td>1,597,933</td>
<td>1,650,326</td>
</tr>
<tr>
<td>Science Applications Intl. Corp.</td>
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<td>1,536,655</td>
<td>2,230,637</td>
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<tr>
<td>Southwest Oncology Group</td>
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</tr>
<tr>
<td>St. Jude Childrens Hospital</td>
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<td>177,678</td>
</tr>
<tr>
<td>Stanford University/LSJU</td>
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<td>10,326</td>
<td>15,076</td>
</tr>
<tr>
<td>Taligen</td>
<td>2</td>
<td>75,631</td>
<td>110,421</td>
</tr>
<tr>
<td>Tennessee State Univ.</td>
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<td>60,000</td>
</tr>
<tr>
<td>Texas A and M</td>
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<td>Texas Southern Univ.</td>
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<td>21,061</td>
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<tr>
<td>USC Research Foundation</td>
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<td>269,370</td>
</tr>
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<td>UT Southwestern Med. Ctr.</td>
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<td>19,500</td>
<td>28,470</td>
</tr>
<tr>
<td>Univ. of Arizona</td>
<td>1</td>
<td>81,307</td>
<td>118,708</td>
</tr>
<tr>
<td>Univ. of California</td>
<td>1</td>
<td>52,815</td>
<td>60,887</td>
</tr>
<tr>
<td>Univ. of Colorado</td>
<td>1</td>
<td>44,000</td>
<td>55,440</td>
</tr>
<tr>
<td>Univ. of Florida</td>
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<td>140,924</td>
</tr>
<tr>
<td>Univ. of Georgia</td>
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<td>47,945</td>
<td>70,000</td>
</tr>
<tr>
<td>Univ. of Illinois, Chicago</td>
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<td>15,708</td>
<td>22,933</td>
</tr>
<tr>
<td>Univ. of Kentucky</td>
<td>1</td>
<td>67,640</td>
<td>98,754</td>
</tr>
<tr>
<td>Univ. of Louisville</td>
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<td>34,117</td>
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</tr>
<tr>
<td>Univ. of Massachusetts</td>
<td>1</td>
<td>40,208</td>
<td>58,704</td>
</tr>
<tr>
<td>Univ. of Michigan</td>
<td>1</td>
<td>4,246</td>
<td>6,199</td>
</tr>
<tr>
<td>Univ. of Missouri, Columbia</td>
<td>1</td>
<td>174,383</td>
<td>250,000</td>
</tr>
<tr>
<td>Univ. of North Carolina</td>
<td>4</td>
<td>254,911</td>
<td>364,974</td>
</tr>
<tr>
<td>Univ. of Pittsburgh</td>
<td>7</td>
<td>174,947</td>
<td>249,443</td>
</tr>
<tr>
<td>Univ. of South Carolina</td>
<td>10</td>
<td>717,662</td>
<td>1,003,700</td>
</tr>
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<td>Univ. of South Florida</td>
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#### Federal Flow-Down

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(82 Agencies)

### Other Support

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<td>Introgen Therapeutics, Inc.</td>
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<td>405,468</td>
<td>417,009</td>
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<td>SC Dept. of Education</td>
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<td>81,365</td>
<td>90,465</td>
<td></td>
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<tr>
<td>SC DHEC</td>
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<td>417,009</td>
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<td>109,824</td>
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#### Other Support

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### GRAND TOTALS:

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<td>$189,374,216</td>
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8 Annual Report for Research FY2006
The MUSC Administration experienced a net loss of four grants but managed to sustain 14 grants for $2.0M as compared to $2.17M in FY05. This is an 8% decrease in support.

The College of Dental Medicine, except for one DHEC grant, is federally supported. It is sustained by two center type grants and new R01s. The loss of three foundation and State grants tallies research with six grants at $3.4M. This represents a decline of 21% in funding.

In the College of Health Professions, the number of awards increased by 1 to 34. The college’s increased support came from all sectors, federal, federal flow-down, state and corporate. The increase from $2.9M to 3.5M represents a 20% increase. The greatest gains were made in the departments of Rehabilitation Sciences and Health Administration and Policy respectively.

The College of Medicine increased its number of grants by 79 to reach 927 awards for $169.1M. The College grew in State and Corporate sources to offset the less available federal funds. The College of Medicine represents 90% of all research on campus and experienced a 2.4% increase.
Considering the modest federal budgets, the College of Nursing attracted corporate and State support to remain stable at $2.60M. Almost one half of Nursing research is directed toward community outreach in treatment of Diabetes.

It isn’t a misprint or error: The College of Pharmacy did experience a 348% increase. With the awarding of the South Carolina Research Centers of Economic Excellence Endowed Professorships, two endowed professors were recruited. While the State endowment is highly visible, Federal and federal flow-down funding also reached new levels.

Funding Totals by College and Department

<table>
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<tr>
<th>Administration</th>
<th># PI's</th>
<th># Awards</th>
<th>Direct Costs</th>
<th>Total Costs</th>
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<td>560,129</td>
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<td><strong>17</strong></td>
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<table>
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<th># PI's</th>
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<table>
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**Total for College of Health Professions**  
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### College of Medicine

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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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<tr>
<td>Pharmacy and Clinical Sciences</td>
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**Total for College of Pharmacy**  
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**Grand Totals:**  
453 1,018 155,925,550 189,374,216
## Proposal Award Comparison

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Faculty Activity

Investigators and Projects
**Library Science and Informatics**

**Rivers, David**

**Principal Investigator**

**National Environmental Policy Commission and Community Leaders Institute**
Sponsor: Tennessee State Univ.  
Budget Dates: 11/01/03 - 10/31/06  
Direct: $47,619  
Award: DE-FG02-94EW1142B (04032605)

**Community Leaders Workshop**
Sponsor: SCUREF  
Budget Dates: 07/28/03 - 09/30/06  
Direct: $111,821  
Award: KK05307-O/C001572-0 (04081702)

**Support - National Environmental Policy Institute**
Sponsor: SC State Univ.  
Budget Dates: 07/01/05 - 04/30/06  
Direct: $49,076  
Award: 03-139461-UTC-MUSC-SC (05061674)

**SCSU Environmental Policy Institute Sub-Agreement**
Sponsor: SC State Univ.  
Budget Dates: 09/30/05 - 09/29/06  
Direct: $278,128  
Award: 06-441850-UTC-MUSC-SC (06060852)

**Co-PI/Project Leader**

**EXPORT Center on Metabolic Syndrome and Minority Health - Outreach Core**  
Pl: Sabra Slaughter  
Dept: President's Office  
Sponsor: NIH/NCMHD  
Total: $94,865  
Award: 5 P60 MD000267-04 (03080109-4)

**Schachte, Margaret**

**Principal Investigator**

**National Heart, Lung and Blood Institute Proteomics Administrative Center**
Sponsor: NIH/NHLBI  
Budget Dates: 09/30/05 - 09/29/06  
Direct: $375,279  
Award: N01 HV 28181 (03042202)

**Sullivan, Joann**

**Principal Investigator**

**South Carolina Space Grant Consortium Year 13**
Sponsor: Coll. of Charleston  
Budget Dates: 03/01/05 - 02/28/06  
Direct: $2,055  
Award: NNG05G168G (04112205)

**SC IDeA Networks of Biomedical Research Excellence (SC INBRE)**
Sponsor: Univ. of South Carolina  
Budget Dates: 07/01/05 - 04/30/06  
Direct: $19,639  
Award: 2 P20 RR16461/06-1207 (05121326)

**FY2006 SC EPScOR Travel**
Sponsor: SC Research Authority  
Budget Dates: 11/01/05 - 06/30/06  
Direct: $10,000  
Award: Task Order #0018 (05122958)

**Malmrose, John**

**Principal Investigator**

**Energy Efficient Technologies**
Sponsor: Santee Cooper  
Budget Dates: 07/15/05 - 12/30/06  
Direct: $85,061  
Award: 165189 (04111067)

**FY 2006 Collegiate Recycling Grant**
Sponsor: SC DHEC  
Budget Dates: 10/01/05 - 06/30/06  
Direct: $10,000  
Award: 10.1CR06 (05081968)

**Von Kolnitz, Christine**

**Co-PI/Project Leader**

**FY 2006 Collegiate Recycling Grant**
Pl: John Malmrose  
Dept: Physical Plant  
Sponsor: SC DHEC  
Total: $10,000  
Award: 10.1CR06 (05081968-1)

**Co-Investigator**

**Energy Efficient Technologies**
Pl: John Malmrose  
Dept: Physical Plant  
Sponsor: Santee Cooper  
Total: $85,061  
Award: 165189 (04111067-1)
# President's Office

**Coleman, III, Walker**

**Program Administration Core**

**Sponsor:** SC Spinal Cord Injury Fund  
**Award:** (02090301)  
**Budget Dates:** 07/01/05 - 06/30/06  
**Direct:** $34,000  
**Project Dates:** 07/01/02 - 06/30/06  
**F & A:** 0

# Slaughter, Sabra

**Principal Investigator**

**EXPORT Center on Metabolic Syndrome and Minority Health**

**Sponsor:** NIH/NCMHD  
**Award:** 5 P60 MD000267-04 (03080109)  
**Budget Dates:** 09/01/05 - 08/31/06  
**Direct:** $526,129  
**Project Dates:** 09/30/02 - 08/31/07  
**F & A:** 242,019

# SC AHEC

**Garr, David**

**Principal Investigator**

**Model State Supported AHEC**

**Sponsor:** HRSA/BHP/Medicine  
**Award:** 5 U77 HP03019-12-00 (04061502)  
**Budget Dates:** 09/30/05 - 08/31/06  
**Direct:** $325,387  
**Project Dates:** 09/30/94 - 08/31/07  
**F & A:** 4,965

**South Carolina State Loan Repayment Program**

**Sponsor:** HRSA  
**Award:** 2 H56 HP00117-05-00 (05050269)  
**Budget Dates:** 09/01/05 - 08/31/06  
**Direct:** $220,000  
**Project Dates:** 09/30/97 - 08/31/08  
**F & A:** 0

**Bioterrorism Training and Curriculum Development Program**

**Sponsor:** HRSA  
**Award:** 2 T01 PH01418-03-00 (05051924)  
**Budget Dates:** 09/30/05 - 08/31/06  
**Direct:** $1,262,731  
**Project Dates:** 09/30/03 - 08/31/08  
**F & A:** 69,138
**Microbiology and Immunology**

**London, Steven**  
**Principal Investigator**  
**Oral Health Infrastructure Development at MUSC**  
**Sponsor:** NIH/NIDCR
**Award:** 5 U24 DE016508-02 (04051902)  
**Budget Dates:** 09/01/05 - 08/31/07  
**Direct:** $1,000,003  
**F & A:** $460,002

**SC COBRE for Oral Health**  
**Sponsor:** NIH/NCRR  
**Award:** 5 P20 RR017696-04 (05050588)  
**Budget Dates:** 07/01/05 - 06/30/06  
**Direct:** $1,149,407  
**F & A:** $528,729

**Pediatric Dentistry and Orthodontics**

**Salinas, Carlos**  
**Principal Investigator**  
**Craniofacial Anomalies and Cleft Lip and Palate Team**  
**Sponsor:** SC DHEC  
**Award:** CR-6-798 (04042201)  
**Budget Dates:** 04/15/06 - 06/30/07  
**Direct:** $27,778  
**F & A:** $2,222

**Co-PI/Project Leader**  
**SC COBRE for Oral Health-Core A: Administrative Core**  
**Sponsor:** NIH/NCRR  
**Award:** 5 P20 RR017696-04 (05050588-2)  
**Budget Dates:** 04/15/06 - 06/30/07  
**Total:** $198,604

**SC COBRE for Oral Health-Core C: Clinical Core**  
**Sponsor:** NIH/NCRR  
**Award:** 5 P20 RR017696-04 (05050588-4)  
**Budget Dates:** 04/15/06 - 06/30/07  
**Total:** $280,220

**Stomatology**

**Boackle, Robert**  
**Principal Investigator**  
**Complement-Fixing Bi-Specific Antibodies against HIV-1**  
**Sponsor:** NIH/NIAID  
**Award:** 1 R21 AI069957-01 (05081861)  
**Budget Dates:** 03/15/06 - 02/28/07  
**Direct:** $150,000  
**F & A:** $69,000

**Chi, Angela**  
**Co-Investigator**  
**Translational Research on Cancer Control and Related Therapy: Treatment Targets to Prevent Progression of Premalignant Oral Lesions to Cancer (Young PPG) Project #5 - Defining and Interrupting the Invasion Signaling Pathway**  
**Sponsor:** Science Applications Intl. Cor  
**Award:** GC-3319-05-44598CM (05110129-32)  
**Budget Dates:** 03/15/06 - 02/28/07  
**Total:** $15,000

**Neville, Brad**  
**Co-Investigator**  
**Translational Research on Cancer Control and Related Therapy: Treatment Targets to Prevent Progression of Premalignant Oral Lesions to Cancer (Young PPG) Project #5 - Defining and Interrupting the Invasion Signaling Pathway**  
**Sponsor:** Science Applications Intl. Cor  
**Award:** GC-3319-05-44598CM (05110129-32)  
**Budget Dates:** 03/15/06 - 02/28/07  
**Total:** $15,000

**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:** $3,072  
**F & A:** $1,413

**Bioluminescent Detection of Chemical Agent Contamination**  
**Sponsor:** Guild Associates, Inc.  
**Award:** W31P4Q-06-C-0067 (05071104)  
**Budget Dates:** 12/15/05 - 06/14/06  
**Direct:** $6,408  
**F & A:** $2,947
Westwater, Caroline  
Co-PI/Project Leader  
SC COBRE for Oral Health-Project 11  
Pl: Steven London  
Dept: Microbiology and Immunology  
Sponsor: NIH/NCRR  
Award: 5 P20 RR017696-04 (05050588-9)  
Total: $68,573
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<td>Medical University of South Carolina MBRS IMSD Program</td>
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Clinical Services

Chipas, Anthony

Principal Investigator
Nurse Anesthetist Traineeship Program
Sponsor: HRSA  
Award: 2 A22 HP00023-06-00 (04110230)  
Budget Dates: 07/01/05 - 06/30/06  
Direct: $17,105

Advanced Education Nursing Traineeship Program
Sponsor: HRSA  
Award: 2 A10 HP00003-06-00 (04110231)  
Budget Dates: 07/01/05 - 06/30/06  
Direct: $8,566

Geils, Karen

Principal Investigator
Specimen Procurement for SAIC Laboratory at NCI-Frederick
Sponsor: NIH/NCI  
Award: Protocol #40 (05090807)  
Budget Dates: 09/01/05 - 08/31/06  
Direct: $1,653

Molecular Analysis of Liquid Based Cervical Specimens for Third Wave Technologies, Inc.
Sponsor: Third Wave Technologies  
Award: CT05-151 (05121217)  
Budget Dates: 12/01/05 - 10/12/06  
Direct: $13,400

Prospective Cervical Cell Specimen Acquisition Protocol
Sponsor: Becton Dickinson  
Award: 06C2-003-COLPO-MUSC (06051741)  
Budget Dates: 04/01/06 - 03/31/07  
Direct: $40,000

Jacques, Paul

Principal Investigator
Enhancement of Pediatric Emergency Medicine Curricula for Physician Assistants
Sponsor: HRSA  
Award: 5 H34 MC04369-02-00 (04110965)  
Budget Dates: 03/01/06 - 02/28/07  
Direct: $150,378

PA Master’s Degree: Meeting the Health Care Needs of South Carolina
Sponsor: HRSA  
Award: 5 D57 HP10169-03-00 (05062938)  
Budget Dates: 07/01/05 - 06/30/07  
Direct: $149,975

Reed, Sarah

Co-Investigator
Specimen Procurement for SAIC Laboratory at NCI-Frederick
PI: Karen Geils  
Dept: Clinical Services  
Award: Protocol #40 (05090807-1)  
Total: $1,653

Molecular Analysis of Liquid Based Cervical Specimens for Third Wave Technologies, Inc.
PI: Karen Geils  
Dept: Clinical Services  
Award: CT05-151 (05121217-1)  
Total: $13,400

Prospective Cervical Cell Specimen Acquisition Protocol
PI: Karen Geils  
Dept: Clinical Services  
Award: 06C2-003-COLPO-MUSC (06051741-1)  
Total: $40,000

Smith, G. Denise

Principal Investigator
Analysis of Liquid Based Cervical Specimens for Cytyc Corporation
Sponsor: Cytyc Corp.  
Award: CT05-152 (05121216)  
Budget Dates: 12/15/05 - 12/14/06  
Direct: $13,827

Taylor, Lloyd

Principal Investigator
Cognitive Changes among Pediatric Brain Tumor Patients
Sponsor: NIH/NINDS  
Award: 5 F32 NS046944-02 (05051925)  
Budget Dates: 07/01/05 - 06/30/06  
Direct: $48,296
Dean's Office

Ripich, Danielle
Principal Investigator
Intensive Communication for Chronically Ill
Sponsor: Case Western Reserve Univ
Award: 1 R01 NR008941-01 (04110235)
Budget Dates: 08/01/05 - 07/31/06 Direct: $ 6,758
Project Dates: 08/01/05 - 07/31/08 F & A: 3,108

Co-Investigator
South Carolina Geriatric Education Center
PI: Esther Forti
Sponsor: DHHS
Total: $ 280,730
Dept: Rehabilitation Sciences
Award: 5 D31 HP70148-05-00 (05040890-1)

Health Administration and Policy

Bradford, W.
Principal Investigator
DTC Advertising Effect on Adherence to Statin Therapy
Sponsor: NIH/NHLBI
Award: 5 R01 HL077841-01 (05041509)
Budget Dates: 06/01/05 - 05/31/06 Direct: $ 346,886
Project Dates: 07/01/04 - 05/31/07 F & A: 106,628

17th Annual Health Economics Conference
Sponsor: AHCPR/AHRQ
Award: 1 R13 HS016352-01 (05101862)
Budget Dates: 03/17/06 - 03/16/07 Direct: $ 36,000
Project Dates: 03/17/06 - 03/16/07 F & A: 0

Jones, Walter
Co-Investigator
Development of a New Pharmaco-Economic Model for the Tablet Formulation of Kaletra vs. Boosted Atazanavir in Treating Antiretroviral Experienced HIV Patients - Phase I
PI: Kit Simpson
Sponsor: Abbott Labs
Total: $ 37,600
Dept: Health Administration and Policy
Award: (05122855-1)

Lindrooth, Richard
Principal Investigator
The Effect of Hospital Unit Closures and Entry
Sponsor: DHHS
Award: 2 R01 HS010730-03A1 (04110559)
Budget Dates: 08/01/05 - 12/31/06 Direct: $ 105,665
Project Dates: 08/01/05 - 12/31/06 F & A: 26,416

Medicaid Coverage of Family Planning Services: Unplanned Pregnancies and Adoption of New Products
Sponsor: Berlex Laboratories
Award: (05101453)
Budget Dates: 08/01/05 - 12/31/06 Direct: $ 219,097
Project Dates: 08/01/05 - 12/31/06 F & A: 69,285

Co-PI/Project Leader
17th Annual Health Economics Conference
PI: W. Bradford
Sponsor: AHCPR/AHRQ
Total: $ 36,000
Dept: Health Administration and Policy
Award: 1 R13 HS016352-01 (05101862-1)

McCullough, Jeffrey
Co-Investigator
Medicaid Coverage of Family Planning Services: Unplanned Pregnancies and Adoption of New Products
PI: Richard Lindrooth
Sponsor: Berlex Laboratories
Total: $ 105,665
Dept: Health Administration and Policy
Award: (05101453-1)

Robinson, William
Principal Investigator
Metabolic Syndrome: Baseline CV Health Assessment among Students at South Carolina State University - Project EXPORT
Sponsor: SC State Univ.
Award: 5 P60 MD00243-03 (05071519)
Budget Dates: 04/01/05 - 08/31/05 Direct: $ 59,417
Project Dates: 04/01/05 - 08/31/07 F & A: 15,449

Shilling, Lilless
Co-Investigator
A Program to Increase Living Donations in African Americans
PI: Prabhakar Baliga
Sponsor: NIH/NIDDK
Total: $ 150,000
Dept: Surgery
Award: 5 R01 DK062596-04 (05051718-1)

Simpson, Kit
Principal Investigator
Economic and Quality of Life Component for the Phase III Clinical Trials of Tipranavir
Sponsor: Boehringer Ingelheim Pharmaceuticals
Award: (02062804)
Budget Dates: 07/01/02 - 06/30/06 Direct: $ 8,000
Project Dates: 07/01/02 - 06/30/06 F & A: 2,000

Annual Report for Research FY2006
**Development of a New Pharmaco-Economic Model for the Tablet Formulation of Kaletra vs. Boosted Atazanavir in Treating Antiretroviral Experienced HIV Patients - Phase I**

Sponsor: Abbott Labs  
Award: (05122855)  
Budget Dates: 12/21/05 - 12/20/06  
Direct: $41,600  
F & A: $10,400

**Development of a New Pharmacoeconomic Model for the Tablet Formulation of Kaletra vs. Boosted Atazanavir in Treating Antiretroviral Experienced HIV Patients - Phase II**

Sponsor: Abbott Labs  
Award: (06031961)  
Budget Dates: 03/14/06 - 03/13/07  
Direct: $96,800  
F & A: $24,200

**Effects of Supitrol on Appetite Suppression, Weight Loss and Reduction in Percent Body Fat**

Sponsor: Exponent, Inc.  
Award: S07-VA10369.000 (06050920)  
Budget Dates: 06/06/06 - 12/31/06  
Direct: $76,999  
F & A: $19,250

White, Andrea  
Principal Investigator  
Health Administration Traineeships and Special Projects

Sponsor: HRSA  
Award: 5 A19 HP10187-06-00 (05071518)  
Budget Dates: 07/01/05 - 06/30/06  
Direct: $36,232  
F & A: $0

**Rehabilitation Sciences**

Forti, Esther  
Principal Investigator  
South Carolina Geriatric Education Center

Sponsor: DHHS  
Award: 5 D31 HP70148-05-00 (05040890)  
Budget Dates: 07/01/05 - 12/31/06  
Direct: $280,730  
F & A: $22,458

Karakostas, Tasos  
Co-Investigator  
Center for Interdisciplinary Spinal Cord Injury Research

Sponsor: SC Spinal Cord Injury Fund  
Award: SCIRF 1105 (06041761)  
Budget Dates: 02/01/06 - 01/31/09  
Direct: $157,082  
F & A: $0

Krause, James  
Principal Investigator  
Research Development Core

Sponsor: SC Spinal Cord Injury Fund  
Award: (02100202)  
Budget Dates: 07/01/05 - 06/30/06  
Direct: $77,000  
F & A: $0

**Risk for Early Mortality after Spinal Cord Injury**

Sponsor: Dept. of Education  
Award: H133G030117-05 (04062904)  
Budget Dates: 10/01/05 - 09/30/07  
Direct: $102,715  
F & A: $47,249

**Stability of Vocational Interests Two Years after Spinal Cord Injury: Relationship with Employment, Participation and Subjective Well Being**

Sponsor: Dept. of Education  
Award: H133G030190-05 (04092810)  
Budget Dates: 10/01/05 - 09/30/07  
Direct: $102,722  
F & A: $46,630

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

Sponsor: DOE  
Award: H133G050165 (05011479)  
Budget Dates: 12/01/05 - 11/30/06  
Direct: $102,734  
F & A: $47,258

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

Sponsor: NIH/NINDS  
Award: 1 R01 NS048117-01A2 (05030346)  
Budget Dates: 01/01/06 - 12/31/06  
Direct: $280,839  
F & A: $109,436

**Center for Interdisciplinary Spinal Cord Injury Research**

Sponsor: SC Spinal Cord Injury Fund  
Award: SCIRF 1105 (06041761)  
Budget Dates: 02/01/06 - 01/31/07  
Direct: $157,082  
F & A: $0
Mitcham, Maralynne  
**Principal Investigator**  
**Community Connections II: Learning Service and Research**  
Sponsor: HRSA  
Budget Dates: 07/01/05 - 12/31/06  
Direct: $198,509  
Award: 2 D37 HP00876-04-00 (05013177)  
Project Dates: 07/01/02 - 12/31/06  
F & A: $15,881

Norman, Michele  
**Co-PI/Project Leader**  
**SC Cooperative for Healthy Aging in Minority Populations: A Research Supplement for Under-Represented Minorities: Culturally Non-Baised Language Assessment in Geriatric Adults:**  
PI: Barbara Tilley  
Sponsor: NIH/NIA  
Total: $48,906  
Dept: Biostatistics, Bioinformatics and Epidemi  
Award: 5 P30 AG021677-04 (05062941-5)

Ricciardone, Elizabeth  
**Co-Investigator**  
**Community Connections II: Learning Service and Research**  
PI: Maralynne Mitcham  
Sponsor: HRSA  
Total: $198,509  
Dept: Rehabilitation Sciences  
Award: 2 D37 HP00876-04-00 (05013177-1)

Saladin, Michael  
**Co-Investigator**  
**ORWH: SCOR on Sex and Gender Factors Affecting Women’s Health-Project #2**  
PI: Kathleen Brady  
Sponsor: NIH/NIDA  
Total: $165,972  
Dept: Psychiatry and Behavioral Sciences  
Award: 5 P50 DA016511-04 (05042864-4)

**ORWH: SCOR on Sex and Gender Factors Affecting Women’s Health-Project #3**  
PI: Kathleen Brady  
Sponsor: NIH/NIDA  
Total: $124,811  
Dept: Psychiatry and Behavioral Sciences  
Award: 5 P50 DA016511-04 (05042864-5)

Wise, Holly  
**Principal Investigator**  
**Home Physical Activity Programs for the Promotion of Health and Wellness in Individuals with Spinal Cord Injury**  
Sponsor: SC Spinal Cord Injury Fund  
Budget Dates: 10/11/05 - 10/10/07  
Direct: $75,000  
Award: SCIRF0304 (04031515)  
Project Dates: 10/11/04 - 10/10/07  
F & A: $0

Yuen, Hon  
**Principal Investigator**  
**Dynamic Postural Patterns During Task Performance in Individuals with Paraplegia**  
Sponsor: SC Spinal Cord Injury Fund  
Budget Dates: 07/01/05 - 03/31/07  
Direct: $5,000  
Award: SCIRF 0805A (05031597)  
Project Dates: 07/01/05 - 03/31/07  
F & A: $0

**Co-PI/Project Leader**  
**SC COBRE for Oral Health-Project 3**  
PI: Steven London  
Sponsor: NIH/NCRR  
Total: $89,244  
Dept: Microbiology and Immunology  
Award: 5 P20 RR017696-04 (05050588-6)
Anesthesia and Perioperative Medicine

Havidich, Jeana

Co-PI/Project Leader

A Randomized, Double-Blind, Multi-Center, Parallel-Group, Balanced, Stratified, Phase 3 Study to Evaluate the Efficacy and the Safety of Single IV Doses of Palonosetron 0.025 mg, 0.050 mg, and 0.075 mg versus Placebo in Outpatients to Prevent Postoperative Nausea and Vomiting Following Elective Abdominal or Gynecological Laparoscopic Surgery

PI: Gary Haynes
Dept: Anesthesia and Perioperative Medicine

Sponsor: Parexel Intl. Corp.
Award: PALO-04-06 (05061353-1)
Total: $ 46,150

Haynes, Gary

Principal Investigator

A Randomized, Double-Blind, Multi-Center, Parallel-Group, Balanced, Stratified, Phase 3 Study to Evaluate the Efficacy and the Safety of Single IV Doses of Palonosetron 0.025 mg, 0.050 mg, and 0.075 mg versus Placebo in Outpatients to Prevent Postoperative Nausea and Vomiting Following Elective Abdominal or Gynecological Laparoscopic Surgery

Sponsor: Parexel Intl. Corp.
Budget Dates: 07/16/05 - 12/31/06
Direct: $ 46,150
F & A: $ 11,538

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 - 12/31/06
Direct: $ 23,148
F & A: $ 1,852

Modulation of Protocytic Pathways by Aprotinin: Myocardial Protection in Ischemia Reperfusion

Sponsor: Foundation for Anesthesia
Budget Dates: 01/01/06 - 06/30/07
Direct: $ 50,000
F & A: $ 0

Osborne, Luke

Co-PI/Project Leader

A Multi-Center, Parallel-Group, Comparative, Phase Illa Trial to Compare the Efficacy, Safety and Pharmacokinetics of Org 25969 in Elderly Subjects with Adult Subjects

PI: Scott Reeves
Dept: Anesthesia and Perioperative Medicine

Sponsor: Cmed, Inc.
Award: 19.4.305 (05120914-1)
Total: $ 52,400

Overdyk, Frank

Principal Investigator

Heuristic Modeling of Continuous Oximetry and Capnography Data Predicts Respiratory Compromise During Patient Controlled Analgesia

Budget Dates: 02/01/06 - 12/01/06
Direct: $ 87,261
F & A: $ 11,673

Reeves, Scott

Principal Investigator

A Multi-Center, Parallel-Group, Comparative, Phase Illa Trial to Compare the Efficacy, Safety and Pharmacokinetics of Org 25969 in Elderly Subjects with Adult Subjects

Sponsor: Cmed, Inc.
Budget Dates: 09/01/05 - 08/31/07
Direct: $ 52,400
F & A: $ 13,100

Co-Investigator

VNS Effects on Pain Perception and Auditory Evoked Potentials as Predictors of Clinical Response in Adults Receiving VNS for Depression

PI: Jeffrey Borckardt
Dept: Psychiatry and Behavioral Sciences

Sponsor: Cyberonics, Inc.
Award: (05092979-1)
Total: $ 94,000

Biochemistry and Molecular Biology

Bastia, Deepak

Principal Investigator

Mechanism of Replication of Drug Resistance Factors

Sponsor: NIH/NIAID
Budget Dates: 05/01/06 - 04/30/07
Direct: $ 316,121
F & A: $ 145,416

Award: 5 R01 AI019881-24 (05030342)
### Mechanism of Termination of DNA Replication

**Sponsor:** NIH/NIGMS  
**Award:** 2 R01 GM049264-14A1 (05110139)

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### Molecular Pathogenesis of Apoptosis in Liver Cells

**Sponsor:** Univ. of North Carolina  
**Award:** 5 P01 DK59340-05 (03110305)

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### Role of Ceramide Phosphate in Prostaglandin Synthesis

**Sponsor:** Virginia Commonwealth Univ.  
**Award:** 5 R01 HL072925-03 (04030805)

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### Kallistatin in Hypertension

**Sponsor:** NIH/NHLBI  
**Award:** 2 R01 HL044083-15 (04063013)

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### Tissue Kallikrein Oxidative Stress and Renal Fibrosis

**Sponsor:** NIH/NIDDK  
**Award:** 5 R01 DK066350-02 (05032537)

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### Regulation and Function of Renal Kallikrein

**Sponsor:** NIH/NHLBI  
**Award:** 5 R01 HL029397-23 (05032538)

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### Protective Role of Tissue Kallikrein in Gentamicin-Induced Nephrotoxicity (INBRE-EPSCOR)

**Sponsor:** Univ. of South Carolina  
**Award:** 1 P20 RR16461 (05052657)

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### Alkaline Ceramidase and Sphingolipid Signaling

**Sponsor:** NIH/NCI  
**Award:** 5 R01 CA4104834-02 (05042236-1)

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Cowart, Lauren

**Principal Investigator**

**The Role of Sphingolipids in Free Fatty Acid-Induced Insulin Resistance**

**Sponsor:** VAMC  
**Award:** (06062403)  
**Budget Dates:** 10/01/05 - 09/30/06  
**Direct:** $132,000  
**F & A:** $0

**Project Dates:** 10/01/05 - 09/30/09

Davies, Christopher

**Principal Investigator**

**Molecular Targets in Peptidoglycan Synthesis**

**Sponsor:** NIH/NIGMS  
**Award:** 5 R01 GM066861-04 (05011254)  
**Budget Dates:** 02/01/06 - 01/31/07  
**Direct:** $128,166  
**F & A:** $58,956

**Penicillin-Resistant Neisseria Gonorrhoeae (CMRNG)**

**Sponsor:** Univ. of North Carolina  
**Award:** 5 R01 A136901-10 (05032545)  
**Budget Dates:** 02/01/03 - 01/31/07  
**Direct:** $24,432

**Remote Access to the Advanced Photon Source for X-Ray Crystallography**

**Sponsor:** SC EPSCOR  
**Award:** 0024 (06042181)  
**Budget Dates:** 04/01/06 - 09/30/06  
**Direct:** $3,000  
**F & A:** $0

**Project Dates:** 04/01/06 - 09/30/06

Del Poeta, Maurizio

**Principal Investigator**

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

**Sponsor:** Burroughs Wellcome Fdn.  
**Award:** 1003642 (01103103)  
**Budget Dates:** 07/01/02 - 06/30/07  
**Direct:** $80,000  
**F & A:** $0

**Sphingolipid-Mediated Fungal Pathogenesis**

**Sponsor:** NIH/NIAID  
**Award:** 5 R01 AI056168-02 (04120994)  
**Budget Dates:** 02/01/04 - 01/31/09  
**Direct:** $170,888  
**F & A:** $78,608

Co-PI/Project Leader

**SC COBRE in Lipidomics and Pathology: Project 2-Role of lpc1 in the Regulation of Phagocytosis in C: Neoformans**

**Pl:** Lina Obeid  
**Dept:** Biochemistry and Molecular Biology  
**Award:** 5 P20 RR017677-04 (05062082-5)  
**Total:** $50,000

Fernandes, Daniel

**Principal Investigator**

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

**Sponsor:** NIH/NCI  
**Award:** 5 R01 CA109254-02 (04062912)  
**Budget Dates:** 04/01/05 - 02/28/09  
**Direct:** $154,287  
**F & A:** $70,972

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

**Sponsor:** Leukemia and Lymphoma Society  
**Award:** 6006-06 (05031079)  
**Budget Dates:** 10/01/05 - 09/30/06  
**Direct:** $180,019  
**F & A:** $19,982

**Mechanism of Action of Xanafide and Symadex**

**Sponsor:** Xanthus Life Sciences  
**Award:** 5 P20 RR017677-04 (05062082-5)  
**Budget Dates:** 10/01/05 - 09/30/06  
**Direct:** $76,913  
**F & A:** $19,228

**Antisoma Contractual Research Agreement: Drug Development Work in the Cancer Field**

**Sponsor:** Antisoma  
**Award:** 5 P20 RR017677-04 (05062082-5)  
**Budget Dates:** 09/01/05 - 09/30/06  
**Direct:** $50,000  
**F & A:** $19,228

**Hematological Malignancies Symposium**

**Sponsor:** Amgen  
**Award:** 5 P20 RR017677-04 (05062082-5)  
**Budget Dates:** 10/01/05 - 09/30/06  
**Direct:** $25,000  
**F & A:** $0

Co-Investigator

**Translation Research on Cancer Control and Related Therapy: The Role of the Erk/p38 MAPK Pathway in Cancer Therapy-Induced Long-Term Bone Marrow Injury**

**Pl:** Andrew Kraft  
**Dept:** Medicine  
**Award:** GC-3319-05-44598CM (05110129-18)  
**Total:** $60,000

Gross, Paul

**Principal Investigator**

**Shrimp Immunity: Gene Organization and Expression Penaeidin Family of Antimicrobial Peptides**

**Sponsor:** NSF  
**Award:** MCB-0516279 (05011149)  
**Budget Dates:** 09/01/05 - 08/31/06  
**Direct:** $238,096  
**F & A:** $61,904

**Tenth Triennial Congress of the International Society for Developmental and Comparative Immunology**

**Sponsor:** USDA  
**Award:** 2006-35204-16745 (05101454)  
**Budget Dates:** 04/01/06 - 03/31/07  
**Direct:** $10,000  
**F & A:** $0
### Establishing a NOAA Center of Excellence for Oceans and Human Health at HML

| Sponsor: NOAA | Budget Dates: 10/01/05 - 09/30/06 | Direct: $ 67,561 |
| award: MOA-2004-168/Amendment 00 (05110355) | Project Dates: 10/01/05 - 09/30/06 | F & A: 17,566 |

### 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:** $ 100,000

### Hannun, Yusuf

**Principal Investigator**  
**Molecular Pathogenesis of Apoptosis in Liver Cells**

| Sponsor: Univ. of North Carolina | Budget Dates: 06/01/01 - 05/31/06 | Direct: $ 111,971 |
| award: 5 P01 DK59340-05 (03110304) | Project Dates: 06/01/01 - 05/31/06 | F & A: 48,148 |

**Modeling and Analysis of Yeast Sphingolipid Metabolism**

| Sponsor: NIH/NIGMS | Budget Dates: 02/01/06 - 01/31/07 | Direct: $ 206,000 |
| award: 2 R01 GM063265-05A1 (04063014) | Project Dates: 04/01/01 - 01/31/10 | F & A: 85,874 |

**Ceramide Activated Protein Phosphatases**

| Sponsor: NIH/NCI | Budget Dates: 04/01/06 - 02/28/07 | Direct: $ 239,713 |
| award: 5 R01 CA087584-06 (04070208) | Project Dates: 07/14/00 - 02/28/10 | F & A: 101,068 |

**Ceramide Containing Rafts: Structure and Function**

| Sponsor: Human Frontier Science | Budget Dates: 10/01/05 - 09/30/06 | Direct: $ 100,000 |
| award: RGP0090/2005-C (04092909) | Project Dates: 10/01/05 - 09/30/06 | F & A: 10,000 |

**Sphingomyelin Turnover and Cellular Regulation**

| Sponsor: NIH/NIGMS | Budget Dates: 01/01/05 - 12/31/06 | Direct: $ 229,478 |
| award: 5 R01 GM43825-17 (04112203) | Project Dates: 07/01/05 - 12/31/06 | F & A: 105,560 |

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

| Sponsor: NIH/HLB1 | Budget Dates: 07/01/05 - 06/30/06 | Direct: $ 250,000 |
| award: 5 R01 HL045707-16 (05052658) | Project Dates: 07/01/05 - 06/30/09 | F & A: 115,000 |

**Sphingolipids in Cancer Therapy and Angiogenesis**

| Sponsor: NIH/NCI | Budget Dates: 08/01/05 - 07/31/06 | Direct: $ 733,740 |
| award: 5 P01 CA097132-03 (05061052) | Project Dates: 08/01/03 - 07/31/08 | F & A: 337,520 |

### Hennig, Mirko

**Principal Investigator**  
**Structure and Folding of Frameshifting mRNA Pseudoknots**

| Sponsor: Texas A and M | Budget Dates: 04/01/06 - 01/31/07 | Direct: $ 69,751 |
| award: AI040187/S060054 (06060544) | Project Dates: 04/01/06 - 01/31/07 | F & A: 32,085 |

### Hsu, Yi-Te

**Co-PI/Project Leader**  
**Translational Research on Cancer Control and Related Therapy: Mechanisms of Cancer-Cell Killing by C6-Pyridinium Ceramide**

| PI: Andrew Kraft | Sponsor: Science Applications Intl. Cor | Total: $ 60,000 |
| Dept: Medicine | Award: GC-3319-05-44598CM (05110129-16) |

### Krupenko, Sergey

**Principal Investigator**  
**FDH: A Novel Determinant of Tumor Suppression**

| Sponsor: NIH/NCI | Budget Dates: 03/01/06 - 02/28/07 | Direct: $ 173,573 |
| award: 5 R01 CA095030-02 (04031004) | Project Dates: 03/01/05 - 02/28/10 | F & A: 79,844 |

**Mechanism of Action of a Major Folate Enzyme**

| Sponsor: NIH/NIDDK | Budget Dates: 06/01/06 - 05/31/07 | Direct: $ 35,313 |
| award: 3 R01 DK504388-09S1 (05032957) | Project Dates: 08/01/98 - 05/31/07 | F & A: 16,244 |

### Luberto, Chiara

**Co-PI/Project Leader**  
**SC COBRE in Lipidomics and Pathobiology: Project 6-Role and Function of Mammalian Sphingomyelin Synthases**

| PI: Lina Obeid | Sponsor: NIH/NCRR | Total: $ 150,000 |
| Dept: Biochemistry and Molecular Biology | Award: 5 P20 RR017677-04 (05062082-9) |
Translational Research on Cancer Control and Related Therapy: Role of Spingomyelin Synthase in the Regulation of NF-κB
PI: Andrew Kraft  
Dept: Medicine  
Sponsor: Science Applications Intl. Cor  
Award: GC-3319-05-44598CM (05110129-25)  
Total: $60,000

Mohanty, Bidyut
Co-PI/Project Leader
Mechanism of Termination of DNA Replication
PI: Deepak Bastia  
Dept: Biochemistry and Molecular Biology  
Sponsor: NIH/NIGMS  
Award: 2 R01 GM049264-14A1 (05110139-1)  
Total: $271,338

Obeid, Lina
Principal Investigator
SC COBRE in Lipidomics and Pathobiology
Sponsor: NIH/NCRR  
Budget Dates: 07/01/05 - 06/30/07  
Direct: $1,634,397  
Award: 5 P20 RR017677-04 (05062082)  
F & A: 751,823

Ogretmen, Besim
Principal Investigator
C18-Ceramide In Head and Neck Cancer Growth and Therapy
Sponsor: NIH/NIDCR  
Budget Dates: 04/01/06 - 03/31/07  
Direct: $189,441  
Award: 5 R01 DE016572-02 (04052605)  
F & A: 87,143

Regulation of Telomerase by Ceramide in Lung Cancer
Sponsor: NIH/NCI  
Budget Dates: 04/01/06 - 03/31/07  
Direct: $171,271  
Award: 5 R01 CA088932-05 (05012745)  
F & A: 74,610

Spicer, Eleanor
Principal Investigator
Post-Transcriptional Regulation of Human Bcl-2 Expression
Sponsor: NIH/NCI  
Budget Dates: 07/01/05 - 06/30/07  
Direct: $142,500  
Award: 5 R01 CA087553-04 (05017115)  
F & A: 65,550

Szulc, Zdzislaw
Co-Investigator
Mitochondrial Ceramide in Chemotherapy-Induced Apoptosis
PI: Lina Obeid  
Dept: Medicine  
Sponsor: NIH/NIA  
Award: 2 R01 AG016583-08 (04102914-1)  
Total: $200,000

Sphingolipids in Cancer Therapy and Angiogenesis, Project 1: Sphingolipids and Chemotherapy-Induced Apoptosis
PI: Yusuf Hannun  
Dept: Biochemistry and Molecular Biology  
Sponsor: NIH/NCI  
Award: 5 P01 CA097132-03 (05061052-2)  
Total: $170,554

Warr, Gregory
Principal Investigator
Functional Genomic Approach to Signal Transduction and Innate Immunity in Shrimp
Sponsor: NSF  
Budget Dates: 08/01/05 - 08/31/07  
Direct: $112,404  
Award: MCB-0315393 (03021801)  
F & A: 22,596

Duck Antibody Genes: Unusual Organization Expression
Sponsor: NIH/NIAID  
Budget Dates: 12/01/05 - 11/30/06  
Direct: $122,062  
Award: 5 R01 AI045111-08 (03090302)  
F & A: 31,736

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: 09/01/04 - 08/31/06  
Direct: $45,194  
Award: MOA-2004-168/1259 (04030810)  
F & A: 11,750
Support for the Tenth Congress of the International Society for Developmental and Comparative Immunology
Sponsor: NSF
Award: MCB-0537064 (05052661)
Budget Dates: 04/15/06 - 03/31/07
Project Dates: 04/15/06 - 03/31/07
Direct: $4,500
F & A: 0

10th Congress: International Society of Developmental and Comparative Immunology
Sponsor: NIH/NIAID
Award: 1 R13 AI069720-01 (05072797)
Budget Dates: 02/15/06 - 01/31/07
Project Dates: 02/15/06 - 01/31/07
Direct: $7,500
F & A: 0

Subcontract: NOAA Center of Excellence in Oceans and Human Health
Sponsor: Mystic Aquarium
Award: (05110759)
Budget Dates: 08/01/05 - 02/28/06
Project Dates: 08/01/05 - 02/28/06
Direct: $17,307
F & A: 0

Investigation of Neural-Immune Profiling, Transcriptomics and Proteomics as Clinical Tools in Assessing Navy Dolphin Health
Sponsor: DOD/ONR
Award: N00014-06-1-0296 (05112990)
Budget Dates: 01/01/06 - 12/31/06
Project Dates: 01/01/06 - 12/31/06
Direct: $100,444
F & A: 24,556

Biostatistics, Bioinformatics and Epidemiology
Abell, Jill
Principal Investigator
Differences in Risk of Overweight and Obesity on Cardiovascular Outcomes for Blacks and Whites
Sponsor: Amer. Heart Assoc.
Award: 0415319U (04012601)
Budget Dates: 07/01/04 - 06/30/06
Project Dates: 07/01/04 - 06/30/06
Direct: $20,000
F & A: 0

Almeida, Jonas
Co-Investigator
Development of an Artificial Neural Network in the Care of Neonates Receiving High Frequency Jet Ventilation
Pl: Martina Mueller
Dept: Biostatistics, Bioinformatics and Epidemiology
Sponsor: Bunnell, Inc.
Award: (05062713-1)
Total: $20,021

Carter, Rickey
Co-Investigator
South Carolina Consortium of the Clinical Trials Network
Pl: Kathleen Brady
Dept: Psychiatry and Behavioral Sciences
Sponsor: NIH/NIDA
Award: 2 U10 DA013727-06 (04101101-1)
Total: $917,718

Atomoxetine Treatment for ADHD and Marijuana Dependence
Pl: Aimee McRae
Dept: Psychiatry and Behavioral Sciences
Sponsor: NIH/NIDA
Award: 1 R21 DA018221-01A1 (04102602-1)
Total: $125,000

Heuristic Modeling of Continuous Oximetry and Capnography Data Predicts Respiratory Compromise During Patient Controlled Analgesia
Pl: Frank Overdyk
Dept: Anesthesia and Perioperative Medicine
Award: (05112889-1)
Total: $87,261

Durkalski, Valerie
Principal Investigator
SERT-GAD Data Management Services
Sponsor: Augusta VA Medical Center
Award: V247P-2554/534-D67112 (06052271)
Budget Dates: 06/01/06 - 09/30/06
Project Dates: 06/01/06 - 09/30/08
Direct: $32,800
F & A: 0

Co-PI/Project Leader
Optimization of TMS for Depression-Coordinating Center
Pl: Mark George
Dept: Psychiatry and Behavioral Sciences
Sponsor: NIH/NIMH
Award: 5 R01 MH069887-02 (03021403-6)
Total: $50,583

Elm, Jordan
Co-Investigator
Validation Study of the New UPDRS
Pl: Barbara Tilley
Dept: Biostatistics, Bioinformatics and Epidemiology
Sponsor: Movement Disorder Society
Award: (05021122-1)
Total: $39,449

Ferguson, Gabrielle
Principal Investigator
NIDCR Individual Pre-Doctoral Dental Fellowship
Sponsor: NIH/NIDCR
Award: 1 F30 DE017046-01 (04120664)
Budget Dates: 07/01/05 - 06/30/06
Project Dates: 07/01/05 - 06/30/08
Direct: $35,796
F & A: 0
## Ford, Marvella

**Principal Investigator**

### IPA Agreement-Houston VA Medical Center

- **Sponsor:** Michael E. DeBakey VAMC
- **Budget Dates:** 04/15/05 - 09/30/05
- **Direct:** $40,678

**Research and Community: Cardiovascular Disease and Stroke**

- **Sponsor:** Texas Southern Univ.
- **Budget Dates:** 05/01/05 - 07/31/05
- **Direct:** $38,089

**Breast Cancer Genetic Counseling Focus Group Analysis**

- **Sponsor:** Henry Ford Health System
- **Budget Dates:** 04/15/05 - 10/31/05
- **Direct:** $11,606

**Improving Anti-Thrombotic Use in Stroke Prevention**

- **Sponsor:** Univ. of Florida
- **Budget Dates:** 07/01/05 - 08/31/06
- **Direct:** $18,765

**Commitment:**

- **Dept:** Biostatistics, Bioinformatics and Epidemiology

### Co-PI/Project Leader

**SC Cooperative for Healthy Aging in Minority Populations - Core B: Community Liaison Core**

- **PI:** Barbara Tilley
- **Sponsor:** NIH/NIA
- **Total:** $73,154

### Co-Investigator

**Validation Study of the New UPDRS**

- **PI:** Barbara Tilley
- **Sponsor:** Movement Disorder Society
- **Total:** $39,449

### Co-Investigator

**Statistical Methods for Neurological Data**

- **Sponsor:** NIH/NINDS
- **Budget Dates:** 08/01/05 - 07/31/06
- **Direct:** $113,271

**Co-Investigator**

**Translational Research on Cancer Control and Related Therapy: MALDI-TOF Prognostics in Esophageal Cancer**

- **PI:** Andrew Kraft
- **Sponsor:** Science Applications Intl. Corp
- **Total:** $50,000

### Co-Investigator

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

- **Sponsor:** NIH/NIDCR
- **Budget Dates:** 09/20/05 - 08/31/06
- **Direct:** $108,942

**Co-Investigator**

**The Analysis of the Potential Health Risk from High LET Radiation**

- **Sponsor:** NASA
- **Budget Dates:** 05/19/05 - 05/31/06
- **Direct:** $207,891

### Co-Investigator

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

- **PI:** Ann-Charlotte Granholm
- **Sponsor:** NIH/NIA
- **Total:** $39,631

### Co-Investigator

**Early Life and Genetic Effects on Obesity and Diabetes**

- **Sponsor:** NIH/NIDDK
- **Budget Dates:** 02/03/06 - 06/30/06
- **Direct:** $60,433

### Co-Investigator

**SERT-GAD Data Management Services**

- **PI:** Valerie Durkalski
- **Sponsor:** Augusta VA Medical Center
- **Total:** $32,800
Korte, Jeffrey

**Principal Investigator**

**Sexually Transmitted Infection and HPV Epidemiology**

Sponsor: NIH/NCI  
Award: 7 R03 CA113150-03 (06021338)  
Budget Dates: 06/02/06 - 08/31/07  
Direct: $ 22,553

**San Antonio STI-TM CRC**

Sponsor: Univ. of Texas  
Award: 122433/121250 (06031671)  
Budget Dates: 03/01/06 - 07/31/06  
Direct: $ 4,662

**Behavioral Intervention for Minority Adolescent Women**

Sponsor: Univ. of Texas  
Award: 122640/119968 (06032602)  
Budget Dates: 03/01/06 - 07/31/08  
Direct: $ 4,662

Lackland, Daniel

**Principal Investigator**

**Black Pooling Project**

Sponsor: NIH/NHLBI  
Award: 5 R01 HL072377-03 (05052034)  
Project Dates: 07/01/05 - 06/30/06  
Direct: $ 150,000

**Co-PI/Project Leader**

**Individual Predoctoral Dental Scientist Fellowship**

PI: Amal Rastogi  
Dept: Biostatistics, Bioinformatics and Epidemiology  
Sponsor: NIH/NIDCR  
Award: 5 F30 DE015447-02 (02120403-2)  
Total: $ 26,522

**Differences in Risk of Overweight and Obesity on Cardiovascular Outcomes for Blacks and Whites**

PI: Jill Abell  
Dept: Biostatistics, Bioinformatics and Epidemiology  
Sponsor: Amer. Heart Assoc.  
Award: 0415319U (04012601-2)  
Total: $ 20,000

**NIDCR Individual Pre-Doctoral Dental Fellowship**

PI: Gabrielle Cannick  
Dept: Biostatistics, Bioinformatics and Epidemiology  
Sponsor: NIH/NIDCR  
Award: 1 F30 DE017046-01 (04120664-1)  
Total: $ 171,999

**Markers and Mechanisms of Vascular Disease in Diabetes-Core B: Biostatistics and Epidemiology Core**

PI: Maria Lopes-Virella  
Dept: Medicine  
Sponsor: NIH/NHLBI  
Award: 5 P01 HL057582-10 (05062950-7)  
Total: $ 171,999

Lipsitz, Stuart

**Co-Investigator**

**Black Pooling Project**

PI: Daniel Lackland  
Dept: Biostatistics, Bioinformatics and Epidemiology  
Sponsor: NIH/NHLBI  
Award: 5 R01 HL072377-03 (05052034)  
Project Dates: 07/01/05 - 06/30/06  
Direct: $ 150,000

Lu, Xinghua

**Principal Investigator**

**Training of Toolmakers for Bio-Medical Informatics (TTBMI)**

Sponsor: NIH/NLM  
Award: 5 T15 LM007438-04 (05051926)  
Project Dates: 07/01/05 - 06/30/06  
Direct: $ 384,824

Martin, Renee

**Principal Investigator**

**Treatment of Subarachnoid Hemorrhage with Human Albumin**

Sponsor: Case Western Reserve Univ.  
Award: R01 NS049135-01 (05030757)  
Project Dates: 02/03/06 - 01/31/07  
Direct: $ 62,869

Mueller, Martina

**Principal Investigator**

**Development of an Artificial Neural Network in the Care of Neonates Receiving High Frequency Jet Ventilation**

Sponsor: Bunnell, Inc.  
Award: (05062713)  
Project Dates: 08/01/05 - 07/31/07  
Direct: $ 20,021

Nicholas, Joyce

**Co-PI/Project Leader**

**SC Autism and Developmental Disabilities Monitoring Project**

PI: Jane Charles  
Dept: Pediatrics  
Sponsor: CDC  
Award: 1 UR3 DD000083-01 (06011211-1)  
Total: $ 269,231

Nietert, Paul

**Co-Investigator**

**Training in Primary Care Medicine and Dentistry - Faculty Development Training in Primary Care**

PI: Paul Darden  
Dept: Pediatrics  
Sponsor: HRSA  
Award: 1 D55 HP05159-01-00 (04120353-1)  
Total: $ 237,260
DTC Advertising Effect on Adherence to Statin Therapy

PI: W. Bradford  
Sponsor: NIH/NHLBI  
Total: $ 175,000  
Dept: Health Administration and Policy  
Award: 5 R01 HL077841-02 (05041509-1)

Palesch, Yuko

**Principal Investigator**

**Biostatistics Training with Application of Neuroscience**

Sponsor: NIH/NINDS  
Award: 1 T32 NS048007-01A1 (04063011)  
Budget Dates: 07/08/04 - 06/30/06  
Direct: $ 67,519  
F & A: $ 3,756

**PRoFESS- Prevention Regimen for Effectively Avoiding Second Strokes: A Double-Blind, Active and Placebo-Controlled Study of Aggrenox vs. Clopidogrel, with and without Micardis**

Sponsor: Boehringer Ingelheim Pharmaceuticals  
Budget Dates: 07/08/04 - 01/31/09  
Direct: $ 133,120  
F & A: $ 33,280

SMC Statistical Services EFC5286

Sponsor: Sanofi Synthelabo, Inc.  
Award: 1 T32 NS048007-01A1 (04063011)  
Budget Dates: 07/08/04 - 06/30/06  
Direct: $ 7,283  
F & A: $ 1,821

ALS Creatine Study

Sponsor: Avicena  
Award: (04082306)  
Budget Dates: 05/01/04 - 02/24/06  
Direct: $ 636  
F & A: $ 165

EKOS Contract

Sponsor: Ekos Corp.  
Award: (04082307)  
Budget Dates: 08/12/04 - 05/31/06  
Direct: $ 16,960  
F & A: $ 4,409

The ALIAS Study

Sponsor: NIH/NINDS  
Award: 1 U01 NS054630-01 (05070890)  
Budget Dates: 09/15/05 - 05/31/10  
Direct: $ 791,155  
F & A: $ 363,198

Co-PI/Project Leader

**Treatment of Subarachnoid Hemorrhage with Human Albumin**

PI: Renee Martin  
Dept: Biostatistics, Bioinformatics and Epidemiology  
Award: R01 NS049135-01 (05030757-1)

Pickelsimer, E.

**Principal Investigator**

**Assessing Disparities in Patterns of Health Care after Traumatic Spinal Cord Injury**

Sponsor: SC Spinal Cord Injury Fund  
Award: SCIRF 0705 (05031606)  
Budget Dates: 07/01/05 - 06/30/07  
Direct: $ 119,598  
F & A: $ 0

Rastogi, Amal

**Principal Investigator**

**Individual Predoctoral Dental Scientist Fellowship**

Sponsor: NIH/NIDCR  
Award: 5 F30 DE015447-02 (02120403)  
Budget Dates: 06/01/05 - 05/31/06  
Direct: $ 53,044  
F & A: $ 0

Schwacke, John

**Co-PI/Project Leader**

**Cardiovascular Proteomics Center - Administrative Core C: Bioinformatics Core Unit**

PI: Daniel Knapp  
Sponsor: NIH/NHLBI  
Total: $ 110,327  
Dept: Cell and Molecular Pharmacology  
Award: 1 U01 HL077841-02 (05041509-1)

Selassie, Anbesaw

**Principal Investigator**

**South Carolina Epidemiological Studies of Epilepsy and Seizure**

Sponsor: AAMC  
Award: U36/CCU319276 MM-0304-03/ (04050404)  
Budget Dates: 10/01/05 - 09/30/06  
Direct: $ 66,408  
F & A: $ 30,547

**South Carolina Health Outcome Project on Epilepsy**

Sponsor: AAMC  
Award: U36/CCU319276 (04080302)  
Budget Dates: 10/01/05 - 09/30/06  
Direct: $ 359,589  
F & A: $ 165,411

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

Sponsor: SC DHEC  
Award: CY-04-019 (04091504)  
Budget Dates: 11/08/05 - 07/31/06  
Direct: $ 19,841  
F & A: $ 5,159

Sinha, Debajyoti

**Principal Investigator**

**Statistical Model for Cardiotoxicity Studies in AIDS**

Sponsor: Brigham and Womens Hospital  
Award: 7 R01 AI060373-03 (06041043)  
Budget Dates: 09/01/05 - 11/30/06  
Direct: $ 34,460  
F & A: $ 15,850
Annual Report for Research FY2006
Woolson, Robert

Co-Investigator

A Controlled Trial of NAC for Cocaine Dependence
Pl: Robert Malcolm, Jr.  Sponsor: NIH/NIDA  Total: $296,210
Dept: Psychiatry and Behavioral Sciences  Award: 1 R01 DA019903-01 (04092905-1)

Combined Pharmacological/Behavior Therapy in Adolescent Smokers
Pl: Himanshu Upadhyaya  Sponsor: NIH/NIDA  Total: $225,000
Dept: Psychiatry and Behavioral Sciences  Award: 5 R01 DA17460-0 (05042863-1)

ORWH: SCOR on Sex and Gender Factors Affecting Women's Health-Admin
Pl: Kathleen Brady  Sponsor: NIH/NIDA  Total: $115,287
Dept: Psychiatry and Behavioral Sciences  Award: 5 P50 DA16511-04 (05042864-2)

Zapka, Jane

Principal Investigator

Tobacco Prevention/Cessation Education: Medical Students
Sponsor: Boston Univ.  Budget Dates: 07/01/04 - 06/30/06  Direct: $19,356
Award: 5 R25 CA91958-04 (04072801)  Project Dates: 07/26/02 - 06/30/07  F & A: $1,548

Active Living and Healthy Diet at the Workplace
Sponsor: Univ. of Massachusetts  Budget Dates: 07/01/05 - 06/30/06  Direct: $40,208
Award: 6055662/RFS500011 (05072686)  Project Dates: 07/01/05 - 06/30/08  F & A: $18,496

Zhao, Wenle

Co-Investigator

Validation Study of the New UPDRS
Pl: Barbara Tilley  Sponsor: Movement Disorder Society  Total: $39,449
Dept: Biostatistics, Bioinformatics and Epidemiology  Award: (05021122-1)

Zheng, Wenjin

Co-Investigator

Translational Research on Cancer Control and Related Therapy: Computational Analysis of Gene Regulatory Networks in Cancer
Pl: Andrew Kraft  Sponsor: Science Applications Intl. Cor  Total: $59,852
Dept: Medicine  Award: GC-3319-05-44598CM (05110129-21)

Cell Biology and Anatomy

Argraves, Kelley

Principal Investigator

Sphingosine-1-Phosphate Signaling in Vascuologesis
Sponsor: NIH/NHLBI  Budget Dates: 07/15/05 - 05/31/06  Direct: $420,300
Award: 1 R01 HL080404-01 (04061702)  Project Dates: 07/15/05 - 05/31/10  F & A: $181,838

Co-Investigator

SC COBRE in Lipidomics and Pathobiology: Project 1-Role of Sphingosine-1-Phosphate in Early Blood Vessel Formation
Pl: Lina Obied  Sponsor: NIH/NCRR  Total: $100,000
Dept: Biochemistry and Molecular Biology  Award: 5 P20 RR017677-04 (05062082-4)

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  Total: $180,280
Dept: Biochemistry and Molecular Biology  Award: 5 P01 CA097132-03 (05061052-4)
**Argraves, W.**

**Principal Investigator**

**The Role of Megalin in Cranofacial Development**  
Sponsor: NIH/NIDCR  
Award: 5 R01 DE014347-04 (04120670)  
Budget Dates: 02/01/06 - 01/31/07  
Direct: $ 195,300

**Hollings Cancer Center Microarray Bioinformatics Facility**  
Sponsor: NIH/NIC  
Award: 5 R24 CA095841-05 (05030226)  
Budget Dates: 04/01/06 - 03/31/07  
Direct: $ 167,269

**Microarray Scanner and Accessories for MUSC**  
Sponsor: NIH/NCRR  
Award: 1 S10 RR021096-01A1 (05031718)  
Budget Dates: 04/01/06 - 03/31/07  
Direct: $ 140,205

**South Carolina Idea Networks of Biomedical Research Excellence**  
Sponsor: Univ. of South Carolina  
Award: 5 P20 RR16461/06-1241 (06030630)  
Budget Dates: 09/30/05 - 04/30/06  
Direct: $ 1,000  
F & A: $ 0

**REU Site in Aerospace Biotechnology Informatics**  
Sponsor: Coll. of Charleston  
Award: 2 P20 RR16461/06-1241 (06030630)  
Budget Dates: 09/30/05 - 04/30/06  
Direct: $ 45,000  
F & A: $ 5,620

**SC Cobre for Cardiovascular Disease-Core D: DNA Microarray and Proteomics**  
Pi: Roger Markwald  
Dept: Cell Biology and Anatomy  
Award: 5 P20 RR016434-05 (05101757-12)

Barth, Jeremy

**Principal Investigator**

**NASA REU in Bioastronomics at MUSC - Travel Award**  
Sponsor: Coll. of Charleston  
Award: NNG05G168G/52058-T-Barth (05110760)  
Budget Dates: 05/01/05 - 04/30/06  
Direct: $ 1,000  
F & A: $ 0

**REU Site in Aerospace Biotechnology Informatics**  
Pl: W. Argraves  
Dept: Cell Biology and Anatomy  
Award: NNG05G168G (05081248-1)

**Co-Investigator**

**Neurobiology of Addiction Research Center: Project 2 - Changes in Gene and Protein Expression**  
Pl: Peter Kalivas  
Dept: Neurosciences  
Award: 5 P50 DA015369-04 (06060748-6)

Boockfor, Fredric

**Principal Investigator**

**A Molecular Approach to GnRh Pulsatility**  
Sponsor: NIH/NICHD  
Award: 5 R01 HD037657-08 (05022809)  
Budget Dates: 01/05/99 - 03/31/07  
Direct: $ 175,770  
F & A: $ 80,854

Drake, Christopher

**Principal Investigator**

**Cytokine Regulation of Early Events in Blood Vessel Formation**  
Sponsor: NIH/NHLBI  
Award: 5 R01 HL057375-09 (05030227)  
Budget Dates: 01/01/97 - 03/31/07  
Direct: $ 146,475  
F & A: $ 67,379

**Co-Investigator**

**Sphingosine-1-Phosphate Signaling in Vasculogenesis**  
Pl: Kelley Argraves  
Dept: Cell Biology and Anatomy  
Award: 1 R01 HL080404-01 (04061702-1)

**Sphingolipids in Cancer Therapy and Angiogenesis, Project 3: Role of Sphingosine Kinase and Sphingosine-1-Phosphate in Tumor Angiogenesis**  
Pl: Yusuf Hannun  
Dept: Biochemistry and Molecular Biology  
Award: 5 P01 CA097132-03 (05061052-4)
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<tr>
<th>Principal Investigator</th>
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<td>Analysis of the Myocardial Potential of Adult Tissue-Derived Stem Cells</td>
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<td>Function of CX43-Interacting Proteins in Neural Crest Migration</td>
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<td>Lacy, Eric</td>
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**Taxonomic Center Subcontract for Rachael King**  
Sponsor: SC Dept. of Natural Resources  
Award: NA16FL1490/00720-85477 (05092352)  
Budget Dates: 01/01/06 - 08/31/06  
Direct: $41,566  
F & A: $10,807

**Jun Hikima - Construction, Calibration and Optimization of a cDNA Microarray as a Transcriptomic Biosensor**  
Sponsor: SC Dept. of Natural Resources  
Award: (05101966)  
Budget Dates: 10/01/05 - 03/31/07  
Direct: $57,562  
F & A: $4,605

**Marine Eco-Genomics Workshop**  
Sponsor: NSF  
Award: P/M-2C-V41C (06021339)  
Budget Dates: 02/01/06 - 03/31/06  
Direct: $2,500  
F & A: $0

**Applied Marine Genomics: Endowed Professorship**  
Sponsor: SC Research Centers of Economic Excellence  
Award: (06062506)  
Budget Dates: 08/09/04 - 06/30/05  
Direct: $1,500,000  
F & A: $0

**Markwald, Roger**  
Principal Investigator  
**NASA/EPSCOR: Cardiovascular Tissue Engineering**  
Sponsor: Coll. of Charleston  
Award: NCC5-575 (04090902)  
Budget Dates: 08/01/05 - 06/30/07  
Direct: $123,802  
F & A: $51,198

**Cardiovascular Tissue Engineering**  
Sponsor: SC EPSCOR  
Award: NCC5-575 (04090903)  
Budget Dates: 07/01/05 - 06/30/06  
Direct: $57,764  
F & A: $0

**Stem Cell/Regenerative Medicine Core Facility**  
Sponsor: Univ. of South Carolina  
Award: 2 P20 RR16461-05A1 (04102504)  
Budget Dates: 09/30/05 - 04/30/06  
Direct: $395,300  
F & A: $181,838

**Understanding and Employing Multi-Cellular Self-Assembly**  
Sponsor: Univ. of Missouri, Columbia  
Award: EF-0526854/C00006100- (05021637)  
Budget Dates: 09/01/05 - 08/30/06  
Direct: $174,383  
F & A: $75,617

**Mucopolysaccharide Metabolism in Cardiac Anomalies**  
Sponsor: NIH/NHLBI  
Award: 5 R01 HL033756-23 (05092352)  
Budget Dates: 07/01/05 - 06/30/06  
Direct: $1,765,775  
F & A: $647,079

**SC Cobre for Cardiovascular Disease**  
Sponsor: NIH/NCRR  
Award: 5 P20 RR016434-05 (05101757)  
Budget Dates: 09/30/01 - 06/30/06  
Direct: $1,500,000  
F & A: $0

**Regenerative Medicine: Endowed Professorships**  
Sponsor: SC Research Centers of Economic Excellence  
Award: (06062506)  
Budget Dates: 06/08/05 - 06/30/06  
Direct: $1,500,000  
F & A: $0

**Mironov, Vladimir**  
Co-PI/Project Leader  
**SC Cobre for Cardiovascular Disease: Project 8 - Engineered Vascularized Perfused Three-Dimensional Myocardial Tissue Construct**  
PI: Roger Markwald  
Dept: Cell Biology and Anatomy  
Sponsor: NIH/NCRR  
Award: 5 P20 RR016434-05 (05101757-6)  
Total: $ 100,000

**Misra, Suniti**  
Principal Investigator  
**Hyaluronan and Drug Resistance**  
Sponsor: Univ. of South Carolina  
Award: P0517720 (05121539)  
Budget Dates: 08/01/05 - 06/30/06  
Direct: $30,000  
F & A: $0

**Co-PI/Project Leader**  
**Translational Research on Cancer Control and Related Therapy: Hyaluronan: COX-2/PGE2 Mediated Drug Resistance in Colon Cancer**  
PI: Andrew Kraft  
Dept: Medicine  
Sponsor: Science Applications Intl. Cor  
Award: GC-3319-05-44598CM (05110129-15)  
Total: $55,000

**Inhibition of Tumor Progression by Hyaluronan Oligomers**  
PI: Bryan Toole  
Dept: Cell Biology and Anatomy  
Sponsor: NIH/NCI  
Award: 5 R01 CA073839-07 (05061362-1)  
Total: $180,000
**The Effects of EMMPRIN on Drug Resistance**

**PI:** Bryan Toole  
**Sponsor:** Centocor, Inc.  
**Total:** $43,665

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**Mitchell, Jonathan**  
**Principal Investigator**

**NIH Predoctoral Dental Scientist Fellowship**  
**Dept:** Cell Biology and Anatomy  
**Award:** 5 F30 DE016776-02 (04080601)

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**Mjaatvedt, Corey**  
**Principal Investigator**

**CSPG2 Gene and Cardiac Outlet Morphogenesis**  
**Dept:** Cell Biology and Anatomy  
**Award:** 5 R01 HL066231-05 (05051192)

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**Morris, Pamela**  
**Principal Investigator**

**Environmental Assessment of Bunker C Crude Oil Leaking from the USS Arizona**  
**Dept:** Cell Biology and Anatomy  
**Award:** 5 P20 RR016434-05 (05101757-10)

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**Muir-Helmericks, Robin**  
**Principal Investigator**

**Role of Poly-N-acetyl Glucosamine (NAG) in Endothelial Cell Signal Transduction**  
**Dept:** Cell Biology and Anatomy  
**Award:** 5 P20 RR016434-05 (05101757-3)

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**O’Quinn, Michael**  
**Principal Investigator**

**Wnt11 Regulates the Expression and Distribution of Connexin43 in the Working Mammalian Myocardium**  
**Dept:** Cell Biology and Anatomy  
**Award:** 5 P20 RR016434-05 (05101757-4)

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**Ramsdell, Ann**  
**Principal Investigator**

**Left-Right Axis Determination and Cardiac Development**  
**Dept:** Cell Biology and Anatomy  
**Award:** 5 P20 RR016434-05 (05101757-10)

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**Sedmera, David**  
**Co-PI/Project Leader**

**SC Cobre for Cardiovascular Disease: Project 6 - Strategies for Prenatal Repair of Hypoplastic Myocardium**  
**Dept:** Cell Biology and Anatomy  
**Award:** 5 P20 RR016434-05 (05101757-4)

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**Sugi, Yukiko**  
**Co-Investigator**

**SC Cobre for Cardiovascular Disease-Core B: Transgenic Mouse Core**  
**Dept:** Cell Biology and Anatomy  
**Award:** 5 P20 RR016434-05 (05101757-10)
Thompson, Robert

**Principal Investigator**

**Myocyte Proliferation in Embryonic Chick Heart**

Sponsor: NIH/NHLBI  
Budget Dates: 03/01/06 - 02/28/07  
Direct: $195,300  
Award: 5 R01 HL050582-12 (05012532)  
Project Dates: 07/01/93 - 02/28/08  
F & A: 89,838

**Co-PI/Project Leader**

**Roles of Ets Genes in Transformation and Differentiation: Cellular Function Core C**

Pl: Dennis Watson  
Dept: Pathology and Laboratory Medicine  
Sponsor: NIH/NHLBI  
Award: 5 P01 CA078582-07 (04060106-11)  
Total: $41,103

**SC Cobre for Cardiovascular Disease-Core C: Confocal Imaging**

Pl: Roger Markwald  
Dept: Cell Biology and Anatomy  
Sponsor: NIH/NCRR  
Award: 5 P20 RR016434-05 (05101757-11)  
Total: $207,526

**Co-Investigator**

**Patterning of Gap Junction Coupling in Developing Heart**

Pl: Robert Gourdie  
Dept: Cell Biology and Anatomy  
Sponsor: NIH/NHLBI  
Award: 5 R01 HL056728-09 (05061673-1)  
Total: $175,000

Toole, Bryan

**Principal Investigator**

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

Sponsor: DOD  
Budget Dates: 11/15/05 - 11/14/06  
Direct: $186,655  
Award: W81XWH-06-1-0097 (05030347)  
Project Dates: 11/15/05 - 11/14/06  
F & A: $85,861

**Inhibition of Tumor Progression by Hyaluronan Oligomers**

Sponsor: NIH/NCI  
Budget Dates: 07/01/05 - 04/30/06  
Direct: $355,770  
Award: 5 R01 CA073839-07 (05061362)  
Project Dates: 07/01/97 - 04/30/09  
F & A: $163,654

**The Effects of EMMPRIN on Drug Resistance**

Sponsor: Centocor, Inc.  
Budget Dates: 10/03/05 - 09/02/06  
Direct: $43,665  
Award: (05082881)  
Project Dates: 10/03/05 - 09/02/06  
F & A: $4,367

**Sub-Project Leader**

**Translational Research on Cancer Control and Related Therapy: Treatment Targets to Prevent Progression of Premalignant Oral Lesions to Cancer (Young PPG) Project #4 - Oral Malignant Lesions as Vaccines to Prevent HNSCC**

Pl: Andrew Kraft  
Dept: Medicine  
Sponsor: Science Applications Intl. Cor  
Award: GC-3319-05-44598CM (05110129-33)  
Total: $15,000

Trusk, Thompson

**Co-Investigator**

**SC Cobre for Cardiovascular Disease-Core C: Confocal Imaging**

Pl: Roger Markwald  
Dept: Cell Biology and Anatomy  
Sponsor: NIH/NCRR  
Award: 5 P20 RR016434-05 (05101757-11)  
Total: $207,526

Visconti, Richard

**Co-PI/Project Leader**

**SC Cobre for Cardiovascular Disease: Project 7 - Hematopoietic Stem Cells in Cardiovascular Regenerative Medicine**

Pl: Roger Markwald  
Dept: Cell Biology and Anatomy  
Sponsor: NIH/NCRR  
Award: 5 P20 RR016434-05 (05101757-5)  
Total: $107,000

Wessels, Arno

**Co-Investigator**

**SC Cobre for Cardiovascular Disease-Core C: Confocal Imaging**

Pl: Roger Markwald  
Dept: Cell Biology and Anatomy  
Sponsor: NIH/NCRR  
Award: 5 P20 RR016434-05 (05101757-11)  
Total: $207,526

**Cell and Molecular Pharmacology**

Halushka, Perry

**Principal Investigator**

**Graduate Education at the Interface of Human Biology and New Technologies**

Sponsor: Dept. of Education  
Budget Dates: 08/15/05 - 08/14/07  
Direct: $288,855  
Award: P200A030138-05 (02120903)  
Project Dates: 08/15/03 - 08/14/07  
F & A: 0

**Training Program for Medical Scientists**

Sponsor: NIH/NIGMS  
Budget Dates: 07/01/05 - 06/30/06  
Direct: $192,294  
Award: 5 T32 GM008716-07 (04120141)  
Project Dates: 07/01/99 - 06/30/09  
F & A: 11,171
Halushka, Perry  
**Co-Investigator**  
Role of Eicosanoids in Shock  
PI: James Cook  
Dept: Neurosciences  
Sponsor: NIH/NIGMS  
Award: 5 R01 GM027673-24 (05050379-1)  
Total: $ 230,000

**Isaacs, Jennifer**  
**Principal Investigator**  
**Hsp90-Dependent Regulation of HIF-1 Alpha**  
Sponsor: NIH/NCI  
Award: 1 K22 CA107212-01 (05083192)  
Budget Dates: 09/01/05 - 08/31/06  
Total: $ 146,450  
Project Dates: 09/01/05 - 08/31/08  
F & A: $ 11,716

**Kibbey, Megan**  
**Principal Investigator**  
**Individual Predoctoral Dental Scientist Fellowship**  
Sponsor: NIH/NIDCR  
Award: 5 F30 DE015249-03 (04070124)  
Budget Dates: 09/30/04 - 06/30/05  
Total: $ 24,522  
Project Dates: 09/30/04 - 06/30/07  
F & A: $ 0

**Knapp, Daniel**  
**Principal Investigator**  
**Cardiovascular Proteomics Center**  
Sponsor: NIH/NHLBI  
Award: N01-HV-281-81-000 (02030610)  
Budget Dates: 09/30/05 - 09/29/06  
Direct: $ 1,469,425  
F & A: $ 567,615  
Project Dates: 09/30/05 - 09/29/06

**Microfluidic System for Cancer Proteome Analysis**  
Sponsor: NIH/NCI  
Award: 5 R33 CA086285-04 (04121604)  
Budget Dates: 02/01/06 - 01/31/07  
Direct: $ 174,362  
F & A: $ 80,207  
Project Dates: 02/01/06 - 01/31/07

**A Tissue-Engineered, Multi-Filament Entubulation Bridging Device for the Treatment of Spinal Cord Injury**  
Sponsor: Clemson Univ.  
Award: 956-7559-247-2004931 (05102821-1)  
Budget Dates: 08/01/05 - 07/31/06  
Direct: $ 45,500  
F & A: $ 9,100  
Project Dates: 08/01/05 - 07/31/06

**Tissue Engineering for Spinal Cord Regeneration**  
Sponsor: Clemson Univ.  
Award: 1006-7559-235-2005178 (06010360)  
Budget Dates: 11/01/05 - 10/31/06  
Direct: $ 25,040  
F & A: $ 0  
Project Dates: 11/01/05 - 10/31/06

**Proteomics Research Center: Endowed Professorships**  
Sponsor: SC Research Centers of Economic Excellence  
Award: (06062504)  
Budget Dates: 08/09/04 - 06/30/05  
Direct: $ 500,000  
F & A: $ 0  
Project Dates: 08/09/04 - 06/30/07

**Oatis, Jr., John**  
**Co-Investigator**  
Maintenance of Cone Visibility in Absence of 11-cis Retinal  
PI: Rosalie Crouch  
Dept: Ophthalmology  
Sponsor: Fdn. Fighting Blindness  
Award: TA-NP-0606-0341-MUSC (05102821-1)  
Total: $ 75,000

**Rosenzweig, Steven**  
**Co-PI/Project Leader**  
**Individual Predoctoral Dental Scientist Fellowship**  
PI: Megan Kibbey  
Dept: Cell and Molecular Pharmacology  
Sponsor: NIH/NIDCR  
Award: 5 F30 DE015249-03 (04070124-2)  
Total: $ 24,522

**Sub-Project Leader**  
**Translational Research on Cancer Control and Related Therapy: Treatment Targets to Prevent Progression of Premalignant Oral Lesions to Cancer (Young PPG) Project 2 - IGF-1R as a Treatment Target for Premalignant Lesions**  
PI: Andrew Kraft  
Dept: Medicine  
Sponsor: Science Applications Intl. Cor  
Award: GC-3319-05-44598CM (05110129-30)  
Total: $ 15,000

**Schey, Kevin**  
**Principal Investigator**  
**Histones as Antimicrobial Effectors in the Pacific White Shrimp, L. vannamei**  
Sponsor: NSF  
Award: IBN-0317303 (03011508)  
Budget Dates: 08/01/05 - 07/31/07  
Direct: $ 69,352  
F & A: $ 22,092  
Project Dates: 08/01/05 - 07/31/07

**Cross-Training Program for Undergraduates**  
Sponsor: NIH/NIGMS  
Award: 5 R25 GM067084-04 (05031593)  
Budget Dates: 05/01/06 - 04/30/07  
Direct: $ 83,013  
F & A: $ 6,641  
Project Dates: 05/01/06 - 04/30/07

**A MALDI Instrument for Tissue Imaging and Protein Profiling**  
Sponsor: NIH/NCCR  
Award: 1 S10 RR022591-01 (05041202)  
Budget Dates: 04/15/06 - 04/14/07  
Direct: $ 499,799  
F & A: $ 0  
Project Dates: 04/15/06 - 04/14/07
Medical University of South Carolina
College of Medicine
Research Faculty Activity
Cell and Molecular Pharmacology

Schey, Kevin
Co-PI/Project Leader
Cardiovascular Proteomics Center - Project 6: Intact Protein-Based Proteomic Analysis
PI: Daniel Knapp  
Sponsor: NIH/NHLBI  
Total: $ 83,374
Dept: Cell and Molecular Pharmacology  
Award: N01-HV-281-81-000 (02030861-41)

Cardiovascular Proteomics Center - Administrative Core B: Mass Spectrometry Core Unit
PI: Daniel Knapp  
Sponsor: NIH/NHLBI  
Total: $ 72,032
Dept: Cell and Molecular Pharmacology  
Award: N01-HV-281-81-000 (02030861-44)

Tew, Kenneth
Principal Investigator
Glutathione S-Transferases in Drug and Stress Response
Sponsor: NIH/NCI  
Budget Dates: 04/01/06 - 02/28/07  
Direct: $ 219,713
Award: 5 R01 CA085660-08 (04062907)

Pharmacology of NOV-002 and NOV-205
Sponsor: NovoCure Therapeutics, Inc.  
Budget Dates: 08/01/05 - 07/31/06  
Direct: $ 100,000
Award: (05072594)

Translational Cancer Therapeutics Center of Economic Excellence: Endowed Professorships
Sponsor: SC Research Centers of Economic Excellence  
Budget Dates: 08/09/04 - 06/30/05  
Direct: $ 4,653,084
Award: (06062507)

Translational Cancer Therapeutics Center of Economic Excellence: Endowed Professorships
Sponsor: SC Research Centers of Economic Excellence  
Budget Dates: 08/09/04 - 06/30/05  
Direct: $ 346,916
Award: (06062508)

Translational Cancer Therapeutics Center of Economic Excellence: Expendable Match
Sponsor: Health Sciences Fdn.  
Budget Dates: 03/22/06 - 06/30/11  
Direct: $ 145,000
Award: (06062509)

Tissue Engineering for Spinal Cord Regeneration
PI: Daniel Knapp  
Sponsor: Clemson Univ.  
Total: $ 25,040
Dept: Cell and Molecular Pharmacology  
Award: 1006-7559-235-2005178 (06010360-1)

Comparative Medicine
Goodrich, James
Principal Investigator
The Yucatan Micropig Cardiovascular Model of Menopause
Sponsor: NIH/NCCR  
Budget Dates: 06/01/06 - 05/31/07  
Direct: $ 244,614
Award: 5 R24 RR016535-05 (05031599)

Annual Report for Research FY2006
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<tr>
<td>Sponsor: Cell and Tissue Systems, Inc.</td>
<td>Budget Dates: 03/01/06 - 09/30/06</td>
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<tr>
<td>Award: 2 R44 DK065508-02 (06032495)</td>
<td>Project Dates: 03/01/06 - 09/30/06</td>
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<tr>
<th>Co-Investigator</th>
<th>Dual-Hit Hypothesis of Aging-Related DA Dysfunction-Core B: Animal Core</th>
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<tbody>
<tr>
<td>PI: Ann-Charlotte Granholm</td>
<td>Sponsor: NIH/NIA</td>
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<tr>
<td>Dept: Neurosciences</td>
<td>Award: 1 P01 AG023630-01A2 (04112920-3)</td>
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<tr>
<th>Principal Investigator</th>
<th>Improving Institutional Animal Resources at MUSC</th>
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<tr>
<td>Sponsor: NIH/NCCR</td>
<td>Budget Dates: 06/01/06 - 05/31/07</td>
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<tr>
<td>Award: 1 G20 RR021351-01A1 (05060325)</td>
<td>Project Dates: 06/01/06 - 05/31/07</td>
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<tr>
<th>Principal Investigator</th>
<th>Integration of Physician Training and Biomedical Research in South Carolina</th>
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</thead>
<tbody>
<tr>
<td>Sponsor: Univ. of South Carolina</td>
<td>Budget Dates: 01/01/04 - 03/31/06</td>
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<td>Award: 04-0966/5205-SP (04072901)</td>
<td>Project Dates: 01/01/04 - 03/31/07</td>
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<tr>
<th>Principal Investigator</th>
<th>Establishment of SC Clinical Trials Network</th>
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<tr>
<td>Sponsor: SC DHEC</td>
<td>Budget Dates: 04/01/06 - 06/30/06</td>
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<tr>
<td>Award: CY-06-0656/PO#629945 (06041765)</td>
<td>Project Dates: 04/01/06 - 03/31/07</td>
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<tr>
<th>Principal Investigator</th>
<th>Expanding a Model and Assessment of Professionalism in Medical Students II</th>
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<tr>
<td>Sponsor: National Board of Medical Examiners</td>
<td>Budget Dates: 07/01/05 - 06/30/06</td>
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<tr>
<td>Award: IG33-0304 (05061357)</td>
<td>Project Dates: 07/01/05 - 06/30/06</td>
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<tr>
<th>Co-Investigator</th>
<th>Primary Care Faculty Development</th>
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<tbody>
<tr>
<td>PI: Arch Mainous</td>
<td>Sponsor: HRSA</td>
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<tr>
<td>Dept: Family Medicine</td>
<td>Award: 1 D55 HP05150-01-00 (04120350-1)</td>
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<thead>
<tr>
<th>Co-Investigator</th>
<th>Training in Primary Care Medicine and Dentistry - Faculty Development Training in Primary Care</th>
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<tr>
<td>PI: Paul Darden</td>
<td>Sponsor: HRSA</td>
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<tr>
<td>Dept: Pediatrics</td>
<td>Award: 1 D55 HP05159-01-00 (04120353-1)</td>
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<tr>
<th>PI: Barbara Tilley</th>
<th>Sponsor: NIH/NIA</th>
<th>Total: $157,067</th>
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<tr>
<td>Dept: Biostatistics, Bioinformatics and Epidemiology</td>
<td>Award: 5 P30 AG021677-04 (05062941-2)</td>
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<tr>
<th>Principal Investigator</th>
<th>Residency Training in Primary Care</th>
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<tr>
<td>Sponsor: DHHS</td>
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<td>Award: 5 D58 HP03371-02-00 (03120112)</td>
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<tr>
<th>Principal Investigator</th>
<th>Predoctoral Training in Primary Care: Systems Improvement to Reduce Health Disparities</th>
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<tr>
<td>Sponsor: HRSA</td>
<td>Budget Dates: 07/01/05 - 06/30/06</td>
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<tr>
<td>Award: 1 D56 HP03357-01-00 (03110601)</td>
<td>Project Dates: 07/01/04 - 06/30/07</td>
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Diaz, Vanessa  
**Principal Investigator**  
**Evaluating the Relationship between Race/Ethnicity and Cardiovascular Risk. What Is the Impact of Obesity, Diet and Physical Activity?**  
Budget Dates: 01/01/06 - 12/31/06  
Direct: $83,808  
Award: 051896 (04093008)  
Project Dates: 01/01/05 - 12/31/08  
F & A: $7,542  

Gibson, Maria  
**Co-PI/Project Leader**  
**Restructuring Prenatal Education and Care for Teens (RESPECT)**  
Pl: Heather Liszka  
Sponsor: March of Dimes  
Total: $15,920  
Award: (05081755-1)  

Hueston, William  
**Principal Investigator**  
**Academic Administrative Units in Primary Care**  
Sponsor: HRSA  
Budget Dates: 09/01/05 - 08/31/06  
Direct: $180,000  
Award: 5 D54 HP00023-06-00 (05070785)  
Project Dates: 09/01/00 - 08/31/06  
F & A: $14,400  

Jenkins, Ruth  
**Co-Investigator**  
**DTC Advertising Effect on Adherence to Statin Therapy**  
Pl: W. Bradford  
Sponsor: NIH/NHLBI  
Total: $175,000  
Award: 5 R01 HL077841-02 (05041509-1)  

King, Dana  
**Principal Investigator**  
**Dietary Fiber and Cardiovascular Inflammatory Markers**  
Sponsor: NIH/NHLBI  
Budget Dates: 04/01/06 - 03/31/07  
Direct: $302,421  
Award: 5 R01 HL076271-03 (05012112)  
Project Dates: 05/15/04 - 03/31/07  
F & A: $118,114  

Koopman, Richell  
**Co-Investigator**  
**Primary Care Faculty Development**  
Pl: Arch Mainous  
Sponsor: HRSA  
Total: $321,905  
Award: 1 D55 HP05150-01-00 (04120350-1)  

Liszka, Heather  
**Principal Investigator**  
**Restructuring Prenatal Education and Care for Teens (RESPECT)**  
Sponsor: March of Dimes  
Budget Dates: 04/01/06 - 03/31/07  
Direct: $15,920  
Award: (05081755)  
Project Dates: 04/01/06 - 03/31/07  
F & A: $0  

Mainous, Arch  
**Principal Investigator**  
**Primary Care Faculty Development**  
Sponsor: HRSA  
Budget Dates: 07/01/05 - 06/30/06  
Direct: $321,905  
Award: 1 D55 HP05150-01-00 (04120350)  
Project Dates: 07/01/05 - 06/30/06  
F & A: $22,952  

**Racial Disparities in Diabetes in the US and the UK**  
Sponsor: NIH/NIDDK  
Budget Dates: 07/01/05 - 06/30/06  
Direct: $100,000  
Award: 5 R21 DK066066-02 (05051198-1)  
Project Dates: 07/01/05 - 06/30/06  
F & A: $46,000  

**SC Cooperative for Healthy Aging in Minority Populations - Core C: Measurement & Methods Core**  
Pl: Barbara Tilley  
Sponsor: NIH/NIA  
Total: $68,145  
Award: 5 P30 AG021677-04 (05062941-6)
Ornstein, Steven

**Principal Investigator**

**Accelerating TRIP in a Practice-Based Partner Research Network**  
Sponsor: Physician Micro Systems, Inc.  
Award: 5 U18 HS13716-02 (02101008)  
Budget Dates: 09/30/05 - 09/29/06  
Direct: $187,518  
F & A: $86,258

**Colorectal Cancer Screening in Primary Care Practice**  
Sponsor: DHHS  
Award: 1 R01 CA112389-01A1 (05021635)  
Budget Dates: 06/01/06 - 04/30/10  
Direct: $192,085  
F & A: $88,360

**Co-PI/Project Leader**

**Facilitating Alcohol Screening of Hypertensive Patients**  
PI: Peter Miller  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIAAA  
Award: 5 R25 AA015066-02 (03092607-2)  
Total: $245,257

**DTC Advertising Effect on Adherence to Statin Therapy**  
PI: W. Bradford  
Dept: Health Administration and Policy  
Sponsor: NIH/NHLBI  
Award: 5 R01 HL077841-02 (05041509-1)  
Total: $175,000

Steyer, Terrence

**Co-Investigator**

**DTC Advertising Effect on Adherence to Statin Therapy**  
PI: W. Bradford  
Dept: Health Administration and Policy  
Sponsor: NIH/NHLBI  
Award: 5 R01 HL077841-02 (05041509-1)  
Total: $175,000

Taylor, Donna

**Co-Investigator**

**Restructuring Prenatal Education and Care for Teens (RESPECT)**  
PI: Heather Liszka  
Dept: Family Medicine  
Sponsor: March of Dimes  
Award: (05081755-1)  
Total: $15,920

Arthur, John

**Co-PI/Project Leader**

**Cardiovascular Proteomics Center - Project 4: Improved Methods for Separation and Identification of Proteomics**  
PI: Daniel Knapp  
Dept: Cell and Molecular Pharmacology  
Sponsor: NIH/NHLBI  
Award: N01-HV-281-81-000 (02030610-39)  
Total: $161,494

**Cardiovascular Proteomics Center - Administrative Core A: Gel Electrophoresis Core Unit**  
PI: Daniel Knapp  
Dept: Cell and Molecular Pharmacology  
Sponsor: NIH/NHLBI  
Award: N01-HV-281-81-000 (02030610-43)  
Total: $85,600

Assey, Valerie

**Co-PI/Project Leader**

**Ryan White CARE Act Title II Funds**  
PI: J. Cantey  
Dept: Medicine  
Sponsor: SC DHEC  
Award: PO#627457 (06020318-1)  
Total: $917,539

Awgulewitsch, Alexander

**Principal Investigator**

**Genetic Pathways of Hair Medulla Differentiation-Paradigms for Development**  
Sponsor: NIH/NIAMS  
Award: 1 R21 AR053639-01 (05052675)  
Budget Dates: 04/01/06 - 03/31/07  
Direct: $174,320  
F & A: $43,700

**Co-PI/Project Leader**

**Roles of Ets Genes in Transformation and Differentiation: IVEC Core B**  
PI: Dennis Watson  
Dept: Pathology and Laboratory Medicine  
Sponsor: NIH/NCI  
Award: 5 P01 CA078582-07 (04060106-10)  
Total: $133,325

**SC Cobre for Cardiovascular Disease-Core B: Transgenic Mouse Core**  
PI: Roger Markwald  
Dept: Cell Biology and Anatomy  
Sponsor: NIH/NCRR  
Award: 5 P20 RR016434-05 (05101757-10)  
Total: $209,238

Bachman, David

**Co-Investigator**

**Safety and Efficacy of Melperone in the Treatment of Patients with Psychosis Associated with Parkinson's Disease**  
PI: Vanessa Hinson  
Dept: Neurosciences  
Sponsor: Ovation Pharmaceuticals, Inc.  
Total: $87,718  
Award: OV-1003 (05081144-1)
Ball, Lauren

**Role of the Hexosamine Pathway in Renal Vascular Complications of Diabetes**

Sponsor: Juvenile Diabetes Fdn.  
Award: 3-2005-337 (04082315)

**Principal Investigator**

Budget Dates: 02/01/06 - 01/31/07  
Direct: $48,928

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Bogatkevich, Galina

**CTFG-Interacting Proteins in Scleroderma Lung Fibrosis**

Sponsor: NIH/NIAMS  
Budget Dates: 05/01/06 - 04/30/07  
Direct: $107,991

**Principal Investigator**

Award: 5 K01 AR051052-02 (04062502)

---

Bolster, Marcy

**A Randomized, Placebo-Controlled, Double-Blind, Parallel-Group, International Study to Evaluate the Safety and Efficacy of Rituximab (MabThera/Rituxan) in Combination with Methotrexate, Compared to Methotrexate Monotherapy, in Patients with Active Rheumatoid Arthritis**

Sponsor: Quintiles Pacific, Inc.  
Budget Dates: 12/28/05 - 10/01/10  
Direct: $99,350

**Principal Investigator**

Award: WA17045/U2973G (05111879)

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Bolster, Marcy

**A Phase II, Randomized, Parallel-Group, Open-Label, Multi-Center Study to Evaluate the Effects of Rituximab on Immune Responses in Subjects with Active RA Receiving Background Methotrexate**

Sponsor: Genentech, Inc.  
Budget Dates: 03/02/06 - 09/15/07  
Direct: $69,954

**Principal Investigator**

Award: U3374g (06030631)

---

Bolster, Marcy

**Role of Novel Oncogene in Mesothelioma**

Sponsor: NIH/NIEHS  
Budget Dates: 06/01/06 - 05/31/07  
Direct: $162,343

**Principal Investigator**

Award: 5 R01 ES011323-04 (05041919)

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Boylan, Alice

**Comparison of the Safety and Efficacy of a Unique Intravenous Iron Preparation (VIT-45) versus Oral Iron in the Treatment of Anemia in Non-Dialysis Dependent Chronic Kidney Disease**

PI: Rachel Sturdivant  
Sponsor: Luitpold Pharmaceuticals, Inc. Total: $33,000

**Co-Investigator**

Dept: Medicine  
Award: 1VIT04004 (06030736-1)

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Brown, Alan

**SCOT Study (Multi-Center Study of High-Dose Immunosuppressive Therapy Using Total Body Irradiation, Cyclophosphamide, ATGA, and Autologous Transplantation with Auto-CD34+HPC vs. IV Pulse Cyclophosphamide for the Treatment of Severe SSc)**

Sponsor: Duke Univ.  
Budget Dates: 03/05/05 - 09/21/12  
Direct: $10,000

**Principal Investigator**

Award: 102970 (05011368)

---

Brown, Alan

**A Phase III, Randomized, Double-Blind, Placebo-Controlled, Multi-Center Study of Retreatment with Rituximab in Subjects with Rheumatoid Arthritis Receiving Background Methotrexate**

Sponsor: Genentech, Inc.  
Budget Dates: 03/10/06 - 10/15/08  
Direct: $140,619

**Principal Investigator**

Award: U3384g (06031448)

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Budisavljevic, Milos

**Focal Segmental Glomerulosclerosis Clinical Trial**

Sponsor: Univ. of North Carolina  
Budget Dates: 09/01/05 - 08/31/07  
Direct: $15,064

**Principal Investigator**

Award: 5 U01 DK63455/5-50199 (05120813)

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Buse, Maria

**Factors That Modify Insulin Action**

Sponsor: NIH/NIDDK  
Budget Dates: 02/01/06 - 01/31/07  
Direct: $170,278

**Principal Investigator**

Award: 5 R01 DK002001-47 (04120144)

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Byeon, Mee

**SC COBRE for Oral Health-Project 10**

PI: Steven London  
Dept: Microbiology and Immunology  
Sponsor: NIH/NCRR  
Total: $28,649

**Co-PI/Project Leader**

Award: 5 P20 RR017696-04 (05050588-8)

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Byeon, Mee

**Translational Research on Cancer Control and Related Therapy: Treatment Targets to Prevent Progression of Premalignant Oral Lesions to Cancer (Young PPG) Core 1 - Carcinogen-Induced Premalignant Mouse Model**

PI: Andrew Kraft  
Dept: Medicine  
Sponsor: Science Applications Intl. Cor  
Total: $25,000

**Sub-Project Leader**

Award: GC-3319-05-44598CM (05110129-28)
Cantey, J.  
Principal Investigator  
**Ryan White CARE Act Title II Funds**  
Sponsor: SC DHEC  
Award: PO8627457 (06020318)  
**Budget Dates:** 04/01/06 - 03/31/07  
**Direct:** $ 917,539  
**Project Dates:** 04/01/06 - 03/31/11  
**F & A:** 0

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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: A7421004 (05112383)  
**Budget Dates:** 11/29/05 - 06/30/07  
**Direct:** $ 197,970  
**F & A:** 49,492

---

Chaudhary, Uzair  
Principal Investigator  
**Phase II Study of Gemcitabine and Cpt-11 (Irinotecan) in Unresectable or Metastatic Renal Cell Carcinoma**  
Sponsor: Eli Lilly  
Award: B9-E-US-X388 (03050703)  
**Budget Dates:** 05/15/05 - 05/15/07  
**Direct:** $ 8,400  
**F & A:** 2,100

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Co-PI/Project Leader  
**SWOG Protocol: A Phase II Study of Depsipeptide (NSC0630176) in Patients with Advanced Transitional Cell Carcinoma of the Urinary Tract Who Have Progressed after Receiving One Prior Chemotherapy Regimen for Advanced Disease**  
Pl: Robert Stuart  
Dept: Medicine  
Sponsor: Southwest Oncology Group  
**Award:** CA37429 & CA32102 (02041501-7)  
**Total:** $ 14,066

---

**SWOG Protocol: A Phase III, Randomized Trial Comparing Intermittent versus Continuous Androgen Suppression for Patients with Prostate-Specific-Antigen Progression in the Clinical Absence of Distant Metastases Following Radiotherapy for Prostate Cancer**  
Pl: Robert Stuart  
Dept: Medicine  
Sponsor: Southwest Oncology Group  
**Award:** CA37429 & CA32102 (02041501-8)  
**Total:** $ 17,600

---

**SWOG Protocol: Intergroup, Randomized, Phase III Study of Postoperative irinotecan, 5-Flourouracil and Leucovorin vs Oxaliplatin, 5-Flourouracil and Leucovorin vs 5-Flourouracil and Leucovorin for Patients with Stage II or III Rectal Cancer Receiving**  
Pl: Robert Stuart  
Dept: Medicine  
Sponsor: Southwest Oncology Group  
**Award:** CA37429 & CA32102 (02041501-9)  
**Total:** $ 10,912

---

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### SWOG Protocol: A Phase III, Randomized, Open-Label Study Comparing Plus Cetuximab (IMC-C225) vs Gemcitabine as First-Line Therapy of Patients with Advanced Pancreas Cancer

**PI:** Robert Stuart  
**Sponsor:** Southwest Oncology Group  
**Total:** $17,831

### SWOG Protocol: A Randomized, Phase III Trial of Irinotecan (CPT-11) and/or Oxaliplatin (OXAL) Plus 5-Flurouracil (5-FU)/Leucovorin (CF) with or without Cetuximab (C225) after Curative Resection for Patients with Stage III Colon Cancer

**PI:** Robert Stuart  
**Sponsor:** Southwest Oncology Group  
**Total:** $36,860

### SWOG Protocol: A Randomized, Phase III, Open-Label Study Comparing Immediate Adjuvant Hormonal Therapy (ELIGARD - Leuprolide Acetate) in Combination with TAXOTERE (docetaxel) Administered Every Three Weeks Versus Hormonal Therapy Alone Versus Deferred Therapy Followed by the Same Therapeutic Options in Patients with Prostate Cancer at High Risk of Relapse after Radical Prostatectomy

**PI:** Stephen Savage  
**Sponsor:** MDS Pharma  
**Total:** $101,400

### Chen, Guoqing

**Principal Investigator**  
**I SEE in NC**  
**Sponsor:** Wake Forest University  
**Budget Dates:** 07/01/05 - 06/30/07  
**Direct:** $45,724

### Chiaramida, Salvatore

**Principal Investigator**  
**Clinical Investigation of Spinal Cord Stimulation for the Treatment of Refractory Angina**  
**Sponsor:** Medtronic, Inc.  
**Budget Dates:** 07/21/03 - 12/31/06  
**Direct:** $8,584

### 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:** 10/17/05 - 10/17/07  
**Direct:** $95,261

### Colwell, John

**Principal Investigator**  
**Epidemiology of Diabetes Intervention and Complications (EDIC)**  
**Sponsor:** NIH/NIDDK  
**Budget Dates:** 03/01/05 - 05/31/06  
**Direct:** $166,300

### Cooper, IV, George

**Principal Investigator**  
**Load-Induced Cardiac Hypertrophy in the Adult Mammal**  
**Sponsor:** NIH/NHLBI  
**Budget Dates:** 08/10/05 - 07/31/06  
**Direct:** $1,485,737

### Growth Regulation of Adult Cardiac Muscle Cells

**Sponsor:** VAMC  
**Budget Dates:** 10/01/05 - 09/30/06  
**Direct:** $125,000
<table>
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<tr>
<th>Principal Investigator</th>
<th>Project Title</th>
<th>Sponsor</th>
<th>Budget Dates</th>
<th>Direct</th>
<th>F &amp; A</th>
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<tbody>
<tr>
<td>Cotton, Peter</td>
<td>Boston Scientific Fellowship VI</td>
<td>Boston Scientific Corp.</td>
<td>07/01/05 - 06/30/07</td>
<td>$46,296</td>
<td>$3,704</td>
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<tr>
<td>Delegge, Mark</td>
<td>Comprehensive Management of Patients Diagnosed with Pancreatitis and Discharged from the Hospital on Home-Infusion Therapy</td>
<td>Coram Healthcare, Inc.</td>
<td>11/01/04 - 12/31/07</td>
<td>$6,560</td>
<td>$1,640</td>
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<td></td>
<td>A Study of the Efficacy and Safety of Teduglutide in Subjects with Parenteral Nutrition-Dependent Short Bowel Syndrome</td>
<td>Parexel Intl. Corp.</td>
<td>08/15/05 - 01/31/07</td>
<td>$49,970</td>
<td>$12,492</td>
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<tr>
<td>Dowdle, Merriman</td>
<td>A Phase 2a, Randomized, Double-Blind, Placebo-Controlled, Dose-Ranging, Multi-Center Study to Determine the Safety, Tolerance and Efficacy of AT-1001 in Celiac Disease Subjects During Gluten Challenge</td>
<td>Alba Therapeutics, Inc.</td>
<td>04/26/06 - 05/30/07</td>
<td>$33,125</td>
<td>$8,281</td>
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<td>Egan, Brent</td>
<td>Community Focused Initiative to Reduce Burden of Stroke</td>
<td>DHHS/PHS</td>
<td>08/01/05 - 07/31/06</td>
<td>$413,309</td>
<td>$190,123</td>
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<tr>
<td></td>
<td>Improving Blood Pressure Control Using a Multi-Dimensional, Patient-Centered Educational Intervention Formative Evaluation - PATH Educational Materials: A Pilot Study</td>
<td>Astrazeneca</td>
<td>12/01/05 - 05/31/07</td>
<td>$311,180</td>
<td>$77,795</td>
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<td>Egede, Leonard</td>
<td>Understanding Racial and Ethnic Variations in Health Outcomes for Chronic Diseases (TREP Award)</td>
<td>VAMC</td>
<td>04/01/06 - 03/31/07</td>
<td>$145,408</td>
<td>$0</td>
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<td></td>
<td>Collaborative Management of Diabetes in Blacks</td>
<td>AHCPR/AHRQ</td>
<td>07/01/05 - 06/30/07</td>
<td>$96,300</td>
<td>$7,704</td>
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<tr>
<td>Fernandes, Jyotika</td>
<td>Effect of Weight Loss Liquid Meal Replacements and Nutritional Bars in a Structured Weight Loss Program on Body Weight and Metabolic Parameters in Individuals with Type 2 Diabetes</td>
<td>Abbott Labs</td>
<td>06/25/04 - 06/24/09</td>
<td>$78,760</td>
<td>$19,696</td>
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Trial to Reduce Cardiovascular Events with Aranesp Therapy (TREAT)
Sponsor: Amgen
Budget Dates: 09/28/04 - 09/27/08
Direct: $39,381
Award: 20010184 (04100807)
Project Dates: 09/28/04 - 09/27/08
F & A: $9,845

Co-PI/Project Leader
SC COBRE for Oral Health-Project 1
Pl: Steven London
Dept: Microbiology and Immunology
Sponsor: NIH/NCRR
Budget Dates: 09/28/04 - 09/27/08
Direct: $39,381
F & A: $9,845
Total: $49,226
Award: S120 RR017696-04 (05050588-5)
Project Dates: 09/28/04 - 09/27/08

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: $26,240
Award: TMC-BIV-02-08 (03062604)
Project Dates: 09/24/03 - 11/30/06
F & A: $6,560

Feussner, John
Principal Investigator
Medicine Grand Rounds
Sponsor: Pfizer, Inc.
Budget Dates: 02/14/06 - 02/28/07
Direct: $7,500
Award: 06042798
Project Dates: 02/14/06 - 02/28/07
F & A: 0

Fitzgibbon, Wayne
Co-Investigator
Medullary Kinins Attenuate the Antinatriuretic Action of Angiotensin II
Pl: David Ploth
Dept: Medicine
Sponsor: Dialysis Clinics, Inc.
Budget Dates: 05/062933-1
Direct: $111,735
Award: C-2431(Charleston-Azalea (05062933-1)
Project Dates: 05/062933-1
F & A: 0

Medullary Kinins Attenuate the Antinatriuretic Action of Angiotensin II
Pl: David Ploth
Dept: Medicine
Sponsor: Dialysis Clinics, Inc.
Budget Dates: 05062933-2
Direct: $19,075
Award: C-2431(Charleston-Azalea (05062933-2)
Project Dates: 05/062933-2
F & A: 0

Medullary Kinins Attenuate the Antinatriuretic Action of Angiotensin II
Pl: David Ploth
Dept: Medicine
Sponsor: Dialysis Clinics, Inc.
Budget Dates: 05/062933-3
Direct: $30,075
Award: C-2431(Charleston-Azalea (05062933-3)
Project Dates: 05/062933-3
F & A: 0

Flume, Patrick
Principal Investigator
A Phase 4, Randomized, Double-Blind, Multi-Center, Comparator Study Evaluating the Safety and Efficacy of Dexmedetomidine Compared to IV Midazolam in ICU Subjects Requiring Greater Than Twenty-Four Hours of Continuous Sedation
Sponsor: Omni Care
Budget Dates: 05041295
Direct: $4,000
Award: 2001-001 (05041295)
Project Dates: 05041295
F & A: 1,000

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: 05122129
Direct: $24,954
Award: 552-203 (05121219)
Project Dates: 05122129
F & A: 6,239

Updating Practice Guidelines
Sponsor: Cystic Fibrosis Fdn.
Budget Dates: 05122047
Direct: $19,208
Award: FLUME05CS0 (05122047)
Project Dates: 05122047
F & A: 0

A Randomized, Open-Label, Multi-Center, Phase 3 Trial to Assess the Safety of Tobramycin Inhalation Powder Compared to TOBI in Cystic Fibrosis Subjects
Sponsor: Chiron, Inc.
Budget Dates: 03102649
Direct: $113,556
Award: TIP 003 (06012649)
Project Dates: 03102649
F & A: 28,389
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<tr>
<td>Frei-Lahr, Debra</td>
<td>An Open-Label, Multi-Center, Expanded Access Study of Oral AMN 107 in Adult Patients with Imatinib (Glivec/Gleevec) Resistant or - Intolerant Chronic Myeloid Leukemia in Blast Crisis, Accelerated Phase or Chronic Phase</td>
<td>Novartis Corp.</td>
<td>02/22/06 - 09/01/08</td>
<td>$86,730</td>
<td>21,683</td>
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<td>A Randomized, Open-Label, Multi-Center Study of VELCADE with Rituximab or Rituximab Alone in Subjects with Relapsed or Refractory, Rituximab Naive or Sensitive Follicular B-Cell Non-Hodgkin’s Lymphoma</td>
<td>Johnson and Johnson</td>
<td>03/15/06 - 10/31/09</td>
<td>$58,297</td>
<td>14,574</td>
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<td>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</td>
<td>PPD Development</td>
<td>06/05/06 - 06/04/09</td>
<td>$112,495</td>
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<td>Garnovskaya, Maria</td>
<td>Early Regulation of the Retinoblastoma Gene Product in Vascular Smooth Muscle Cells</td>
<td>VAMC</td>
<td>04/01/06 - 03/31/07</td>
<td>$107,650</td>
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<td>Garvey, W.</td>
<td>Markers and Mechanisms of Vascular Disease in Diabetes-Project 1: Lipoproteins and Oxidative Stress</td>
<td>NIH/NHLBI</td>
<td>05/01/06 - 05/31/07</td>
<td>$44,000</td>
<td>11,440</td>
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<td>Gelasco, Andrew</td>
<td>Cellular Effects of Indoxyl Sulfate-A Uremic Toxin</td>
<td>NIH/NIDDK</td>
<td>07/01/05 - 06/30/07</td>
<td>$131,368</td>
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<td>Gilkeson, Gary</td>
<td>Kirkland Scholar Award</td>
<td>Mary Kirkland Ctr. For Lupus Research</td>
<td>10/01/05 - 09/30/06</td>
<td>$60,000</td>
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<td>LCTC Participating Center</td>
<td>Lupus Clinical Trials Consortium</td>
<td>01/15/06 - 01/14/07</td>
<td>$100,000</td>
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<td>Complement in the Pathogenesis of Autoimmune Arthritis</td>
<td>Univ. of Colorado</td>
<td>09/01/04 - 08/31/06</td>
<td>$44,000</td>
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Training Grant in Inflammatory and Fibrosing Diseases
Sponsor: NIH/NIAMS
Award: 1 T32 AR050958-01A1 (04050602)
Budget Dates: 07/01/05 - 06/30/06
Direct: $167,224
F & A: $11,846

Histone Deacetylase Inhibitors for the Treatment of Lupus
Sponsor: Wake Forest University
Award: (04083002)
Project Dates: 02/01/05 - 01/31/07
Direct: $4,820
F & A: $385

Nitric Oxide in Systemic Lupus Erythematosus
Sponsor: NIH/NIAMS
Award: 5 R01 AR045476-07 (05011146)
Project Dates: 04/23/99 - 02/29/08
Direct: $263,426
F & A: $65,179

A Prospective, Randomized, Active-Controlled, Parallel-Group, Multi-Center Trial to Assess the Efficacy and Safety of Mycophenolate Mofetil (MMF) in Inducing Response and Maintaining Remission in Subjects with Lupus Nephritis
Sponsor: Hoffman-Laroche, Inc.
Award: WX17801 (05031486)
Project Dates: 06/21/05 - 12/31/08
Direct: $6,000
F & A: $1,500

Chart Review to Determine Feasibility of SLE and Thrombocytopenia Study
Sponsor: Amgen
Award: (05120915)
Project Dates: 12/07/05 - 03/31/06
Direct: $3,600
F & A: $900

Role of Estrogen Receptors in Lupus-Modulators of the Inflammatory Response
Sponsor: VAMC
Award: (06062405)
Project Dates: 10/01/05 - 09/30/09
Direct: $125,000
F & A: $0

Co-PI/Project Leader
Inflammatory Mediators of Glomerular Disease (REAP)
PI: John Raymond
Dept: Medicine
Sponsor: VAMC
Award: (05060630-2)
Total: $250,000

NIAMS Clinical Research Center for Rheumatoid Arthritis: Project C
PI: Richard Silver
Dept: Medicine
Sponsor: NIH/NIAMS
Award: 5 P60 AR049459-04 (06040320-7)
Total: $148,894

Co-Investigator
NIAMS Clinical Research Center for Rheumatoid Arthritis
PI: Richard Silver
Dept: Medicine
Sponsor: NIH/NIAMS
Award: 5 P60 AR049459-04 (06040320-1)
Total: $0

Glenn, James

Principal Investigator
AutoCapture vs. Capture Management Evaluation
Sponsor: St. Jude Medical, Inc.
Award: CRD #264 (04101402)
Project Dates: 10/01/04 - 12/31/06
Direct: $560
F & A: $140

Gold, Michael

Principal Investigator
Resynchronization Hemodynamic Treatment for Heart Failure Management Study (Rhythm ICD)
Sponsor: St. Jude Medical, Inc.
Award: (02080610)
Project Dates: 07/01/02 - 12/31/06
Direct: $480
F & A: $120

Study for Atrial Fibrillation Reduction Investigational Plan SAFARI
Sponsor: Vitatron
Award: SAFARI (02083007)
Project Dates: 09/01/02 - 12/31/06
Direct: $5,140
F & A: $1,285

Educational Grant in Support of an EP Fellowship
Sponsor: Medtronic, Inc.
Award: (02102214)
Project Dates: 10/01/04 - 06/30/06
Direct: $92,592
F & A: $7,408

Device Evaluation of Contak Renewal 2 and Easytrak 2: Assessment of Safety and Effectiveness, (Decrease-HF)
Sponsor: Guidant
Award: G020160-DECREASE HF (03050708)
Project Dates: 04/01/03 - 12/31/05
Direct: $10,920
F & A: $2,730

Contak Renewal 3 AVT Protocol
Sponsor: Guidant
Award: (04020201)
Project Dates: 02/01/04 - 12/31/07
Direct: $200
F & A: $50

REVERSE: Resynchronization Reverses Remodeling in Systolic Left Ventricular Dysfunction
Sponsor: Medtronic, Inc.
Award: (04092202)
Project Dates: 10/01/04 - 12/31/09
Direct: $7,600
F & A: $1,900

Annual Report for Research FY2006
### Optimal SVC Coil Usage in ICD Patients
**Sponsor:** St. Jude Medical, Inc.  
**Budget Dates:** 03/01/05 - 12/31/06  
**Direct:** $12,400  
**F & A:** $3,100

### GDT 2000 Acute RV Auto Threshold Study
**Sponsor:** Guidant  
**Budget Dates:** 07/05/05 - 12/31/06  
**Direct:** $18,000  
**F & A:** $4,500

### RethinQ Study: Resynchronization Therapy in Normal QRS
**Sponsor:** St. Jude Medical, Inc.  
**Budget Dates:** 09/01/05 - 12/31/06  
**Direct:** $54,960  
**F & A:** $13,740

### First Arrhythmia Collection of Tranvenous and Simultaneous Subcutaneous Implantable Defibrillator (S-ICD) Data: The FACTS S-ICD Study
**Sponsor:** Cameron Health, Inc.  
**Budget Dates:** 10/01/05 - 12/31/06  
**Direct:** $21,200  
**F & A:** $5,300

### Atrial Fibrillation Suppression Pacing in Cardiac Resynchronization Therapy Devices (AF Suppression/CRT-D) Study
**Sponsor:** St. Jude Medical, Inc.  
**Budget Dates:** 11/01/05 - 12/31/08  
**Direct:** $24,800  
**F & A:** $6,200

### A Comparison of Right Ventricular Apical and Outflow Tract Lead Position on Defibrillation Thresholds
**Sponsor:** Medtronic, Inc.  
**Budget Dates:** 03/21/06 - 03/21/08  
**Direct:** $31,960  
**F & A:** $7,990

### Easytrak 3 Downsize Lead Clinical Study
**Sponsor:** Guidant  
**Budget Dates:** 04/01/06 - 12/31/06  
**Direct:** $42,800  
**F & A:** $10,700

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**Gomez, Juanmanuel**  
**Co-Investigator**  
**Early Access of TMC114 in Combination with Low Dose Ritonavir (RTV) and Other Antiretrovirals (ARV’s) in Highly Treatment Experienced HIV-1 Infected Subjects with Limited to No Treatment Options**  
**Pl:** L. W. Church  
**Dept:** Medicine  
**Total:** $12,540  
**Award:** TMC-114-C226 (06022790-1)

**International, Randomized, Controlled, Phase 3 Trial of DB289 versus Trimethoprim-Sulfamethoxazole for the Treatment of Acute Pneumocystis Jiroveci Pneumonia (PCP) in Patients with HIV/AIDS**  
**Pl:** L. W. Church  
**Dept:** Medicine  
**Total:** $16,980  
**Award:** C05-009 (06050307-1)

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**Gooz, Monika**  
**Principal Investigator**  
**Crosstalk among Growth Factors, ADAMs and Integrins**  
**Sponsor:** NIH/NIDDK  
**Budget Dates:** 06/01/06 - 05/31/07  
**Direct:** $96,379  
**F & A:** $7,110

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**Green, Mark**  
**Principal Investigator**  
**CALGB Sponsored Studies**  
**Sponsor:** Cancer and Leukemia Group B  
**Budget Dates:** 07/01/05 - 06/30/07  
**Direct:** $5,835  
**F & A:** 583

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**Gupta, Monika**  
**Principal Investigator**  
**The Role of Leukemia Inhibitory Factor in Renal Fibrosis**  
**Sponsor:** Dialysis Clinics, Inc.  
**Budget Dates:** 03/01/06 - 02/28/07  
**Direct:** $93,000  
**F & A:** 0

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**Hammad, Samar**  
**Principal Investigator**  
**Sphingolipid Signaling Response to Modified Low Density Lipoprotein-Immune Complexes in Human Macrophages**  
**Sponsor:** Amer. Heart Assoc.  
**Budget Dates:** 07/01/05 - 03/31/06  
**Direct:** $59,091  
**F & A:** 5,909

**Sphingolipid Signaling Induced by LDL Immune Complexes**  
**Sponsor:** NIH/NHLBI  
**Budget Dates:** 04/01/06 - 03/31/07  
**Direct:** $200,000  
**F & A:** 92,000
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<tr>
<td>Harris, Brett</td>
<td>Molecular Development and Pathophysiology of the Atrio-Ventricular Conduction System</td>
<td>Amer. Heart Assoc./Mid-Atlantic</td>
<td>07/01/05 - 06/30/06</td>
<td>$35,000</td>
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<td>Hawes, Robert</td>
<td>Multi-Center, Prospective, Randomized, Controlled Trial of the Nitinol Zilver Expandable Endoprosthesis in the Palliation of Extrahepatic Malignant Biliary Obstruction (MOZART!)</td>
<td>Wilson Cook</td>
<td>10/17/03 - 10/31/06</td>
<td>$800</td>
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<td>Hermayer, Kathie</td>
<td>Detection of Intestinal Metaplasia and High Grade Dysplasia in Barrett’s Esophagus Using Narrow Band Imaging - A Randomized, Controlled Trial</td>
<td>Olympus, Ltd.</td>
<td>01/01/06 - 12/31/07</td>
<td>$109,641</td>
<td>27,410</td>
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<td>Highland, Kristin</td>
<td>Pulmonary Arterial Hypertension Quality Enhancement Research Initiative</td>
<td>MD Primer, Inc.</td>
<td>12/01/05 - 11/30/06</td>
<td>$30,000</td>
<td>7,500</td>
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<td>Effects of Combination of Bosentan and Sildenafil versus Sildenafil Monotherapy on Morbidity and Mortality in Symptomatic Patients with Pulmonary Arterial Hypertension - A Multi-Center, Double-Blind, Randomized, Placebo-Controlled, Parallel-Group, Prospective, Event Driven, Phase IV Study (COMPASS 2)</td>
<td>Parexel Intl. Corp.</td>
<td>05/18/06 - 12/31/09</td>
<td>$330,000</td>
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<td>The Collaborative Study Group Trial: The Effect of Sulodexide in Patients with Type 2 Diabetes and Microalbuminuria</td>
<td>Medpace, Inc.</td>
<td>03/01/04 - 02/28/09</td>
<td>$25,864</td>
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<td>FPH 03: A Long-Term, Open Label Study to Evaluate the Safety of Sitaxsentan Sodium Treatment in Patients with Pulmonary Arterial Hypertension</td>
<td>Cycle Solutions</td>
<td>05/18/06 - 12/31/09</td>
<td>$60,800</td>
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Hoffman, Brenda

**Principal Investigator**

*A Phase 3, Multi-Center, Randomized, Double-Blind, Placebo-Controlled, Parallel-Arm, 52-Week, Dose-Comparison Study of the Efficacy and Safety of 25mg QD and 50mg QD of OPC 6535 Oral Tablets and 800mg BID of Asacol in the Maintenance of Remission in Ulcerative Colitis*

**Sponsor:** Kendle Research Assoc.  
**Budget Dates:** 04/01/04 - 11/30/06  
**Direct:** $5,200  
**Award:** 197-02-220 (04041502)

**Co-Investigator**

Translational Research on Cancer Control and Related Therapy: MALDI-TOF Prognostics in Esophageal Cancer  
**Pl:** Andrew Kraft  
**Dept:** Medicine

**Hoffman, Stanley**

**Principal Investigator**

*PKCepsilon-Related Proteins in Lung Fibrosis*

**Sponsor:** NIH/NHLBI  
**Budget Dates:** 09/01/05 - 08/31/06  
**Direct:** $250,000  
**Award:** 5 R01 HL073718-03 (04070122)

**Co-Investigator**

CSPG2 Gene and Cardiac Outlet Morphogenesis  
**Pl:** Corey Mjaatvedt  
**Dept:** Cell Biology and Anatomy

**Huang, Yan**

**Principal Investigator**

*Diabetes and Periodontal Gene Expression*

**Sponsor:** NIH/NIDCR  
**Budget Dates:** 07/15/05 - 04/30/06  
**Direct:** $422,477  
**Award:** 1 R01 DE016353-01A1 (04110119)

**Huggins, John**

**Co-PI/Project Leader**

*A Randomized, Multiple-Dose, Double-Blind, Placebo- and Active-Controlled, Parallel-Group, Efficacy and Safety Study to Determine the Optimum Dose of BEA 2180 BR Delivered by the Respimat Inhaler in Patients with Chronic Obstructive Pulmonary Disease (COPD)*

**Pl:** Steven Sahn  
**Dept:** Medicine

**Jaffa, Ayad**

**Principal Investigator**

*Short Term Research Training for Health Professional Students*

**Sponsor:** NIH/NIDDK  
**Budget Dates:** 05/01/06 - 04/30/07  
**Direct:** $71,359  
**Award:** 5 T35 DK007431-22 (04020601)

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

**Sponsor:** NIH/NHLBI  
**Budget Dates:** 02/01/06 - 01/31/07  
**Direct:** $250,000  
**Award:** 1 R01 HL077195-01A2 (05030121)

**Co-PI/Project Leader**

Markers and Mechanisms of Vascular Disease in Diabetes-Project 3: Kallikreins, Kinins and Diabetic Vascular Complications  
**Pl:** Maria Lopes-Virella  
**Dept:** Medicine

**Johnson, Korey**

**Principal Investigator**

*The Role of Sphingosine Kinase in Lung Cancer*

**Sponsor:** VAMC  
**Budget Dates:** 10/01/05 - 09/30/06  
**Direct:** $127,800  
**Award:** (06062409)

**Joseph, Kusumam**

**Principal Investigator**

*Studies on the Role of the Bradykinin-Forming Cascade in Hereditary Angioedema*

**Sponsor:** Lev Pharmaceuticals, Inc.  
**Budget Dates:** 07/01/05 - 12/31/06  
**Direct:** $40,000  
**Award:** (05082578)
**Kamen, Diane**

**Principal Investigator**

**A Phase IIb, Multi-Center, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Efficacy and Safety of Abatacept vs. Placebo on a Background of Oral Glucocorticosteroids in the Treatment of Subjects with Systemic Lupus Erythematosus and the Prevention of Subsequent Lupus Flares**

- **Sponsor:** Bristol Myers Squibb
- **Budget Dates:** 09/21/05 - 09/20/07
- **Direct:** $49,200

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

- **Sponsor:** Genentech, Inc.
- **Budget Dates:** 12/28/05 - 12/31/08
- **Direct:** $177,049

**Lupus Biomarkers Database Support**

- **Sponsor:** Lupus Fdn.
- **Budget Dates:** 01/01/06 - 12/31/06
- **Direct:** $21,000

**Kaplan, Allen**

**Co-Investigator**

**Studies on the Role of the Bradykinin-Forming Cascade in Hereditary Angioedema**

- **PI:** Kusumam Joseph
- **Sponsor:** Lev Pharmaceuticals, Inc.
- **Total:** $40,000

**Kneuper-Hall, Rayna**

**Principal Investigator**

**Women’s Intervention Nutrition Study (WINS): A Clinical Trial to Determine the Efficacy of a Dietary Fat Reduction Program Provided in Addition to Systemic Adjuvant Therapy in the Management of Patients with Primary Invasive Breast Cancer**

- **Sponsor:** Los Angeles Biomedical Research Institute
- **Budget Dates:** 12/01/04 - 12/31/06
- **Direct:** $1,335

**Co-PI/Project Leader**

**SWOG Protocol: Cetuximab as a Second Line Therapy in Patients with Metastatic Esophageal Cancer-Phase II**

- **PI:** Robert Stuart
- **Sponsor:** Southwest Oncology Group
- **Total:** $17,566

**Kraft, Andrew**

**Principal Investigator**

**A Phase I Study of Topotecan in Combination with Vinorelbine in Recurrent Lung Cancer**

- **Sponsor:** GlaxoSmithKline
- **Budget Dates:** 12/15/03 - 11/01/07
- **Direct:** $17,600

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

- **Sponsor:** DOE
- **Budget Dates:** 03/01/06 - 02/28/07
- **Direct:** $160,146

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

- **Sponsor:** DOD/US Army
- **Budget Dates:** 11/30/05 - 11/29/06
- **Direct:** $130,087

**2005 Supporting the Safety Net**

- **Sponsor:** Avon Fdn.
- **Budget Dates:** 05/01/05 - 04/30/07
- **Direct:** $150,990

**Hollings Cancer Center Planning Grant**

- **Sponsor:** NIH/NCI
- **Budget Dates:** 08/01/03 - 07/31/07
- **Direct:** $171,233

**MUSC Drug Discovery Facility**

- **Sponsor:** Natl. Inst. of Standards and Technology
- **Budget Dates:** 10/01/05 - 09/30/08
- **Direct:** $5,310,806
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 - 04/19/07
Direct: $4,000
Award: ET743-SAR-3002 (05062714)

Center for Bioengineering and Cancer Genomics Research
Sponsor: HRSA
Budget Dates: 09/01/05 - 08/31/06
Direct: $9,820,650
Award: GC-3319-05-44598CM (05110129)

A Multi-Center, Phase II Study of Sorafenib (BAY 43-9006) in Non-Gist Sarcomas
Sponsor: Memorial Sloan-Kettering Cancer Ctr.
Budget Dates: 12/01/05 - 11/30/08
Direct: $45,621
Award: 05102181

Translational Research on Cancer Control and Related Therapy
Sponsor: Science Applications Intl. Corp.
Budget Dates: 12/15/05 - 08/15/06
Direct: $1,536,655
Award: GC-3319-05-44598CM (05110129)

A Phase I, Open-Label, Dose Escalation Study to Assess the Safety, Tolerability and Pharmacokinetics of INC007839 Following Multiple Oral Doses in Patients with Solid Tumors
Sponsor: USC Research Foundation
Budget Dates: 01/30/06 - 01/30/08
Direct: $94,648
Award: INCB 7839-201 (06013197)

South Carolina Alliance for Cancer Chemoprevention Fourth Annual Statewide Research Symposium
Sponsor: Univ. of South Carolina
Budget Dates: 03/01/06 - 03/31/06
Direct: $7,350
Award: 2 P20 RR16461/USC#22050FA (06020927)

Kuppuswamy, Dhandapani
Principal Investigator
S6K Activation in Hypertrophying Myocardium
Sponsor: VAMC
Budget Dates: 10/01/05 - 09/30/06
Direct: $191,645
Award: CARD-006-02S (03063011)

LaRue, Amanda
Principal Investigator
Bone Marrow-Derived Hematopoietic Stem Cells in Tumor Development
Sponsor: VAMC
Budget Dates: 10/01/05 - 09/30/06
Direct: $127,800
Award: 06062412

Leman, Robert
Principal Investigator
Alternans before Cardioverter Defibrillator Trial
Sponsor: St. Jude Medical, Inc.
Budget Dates: 03/31/02 - 10/01/06
Direct: $3,080
Award: (02043001)

A Placebo-Controlled, Double-Blind, Parallel-Arm Trial to Assess the Efficacy of Dronanderone 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: $92,400
Award: EF55555 (05081965)

Acute Evaluation of Programmer Guided VV Delay Using IERGM Method and Echocardiogram for Optimization of Cardiac Resynchronization Therapy
Sponsor: St. Jude Medical, Inc.
Budget Dates: 01/01/06 - 12/31/06
Direct: $5,280
Award: ACUTE IEGM-CRT VV (06011094)
### Lopes-Virella, Maria

**Principal Investigator**

**Lipoprotein Metabolism and Lipoprotein-Cell Interaction in Diabetes Mellitus**

<table>
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<tr>
<th>Sponsor</th>
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<td>VAMC</td>
<td>ENDO-005-97F (03063012)</td>
<td>04/01/05 - 03/31/06</td>
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**Markers and Mechanisms of Vascular Disease in Diabetes**

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<td>Oklahoma University Health Sc. Center</td>
<td>(05012004)</td>
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**Markers and Mechanisms of Vascular Disease in Diabetes**

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<td>NIH/NHLBI</td>
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<td>09/01/05 - 08/31/06</td>
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**Immune Mechanisms of Nephropathy in Type 1 Diabetes**

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<td>Juvenile Diabetes Fdn.</td>
<td>1-2006-49 (05071932)</td>
<td>03/01/06 - 02/28/07</td>
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**The Collaborative Study Group Trial: The Effect of Sulodexide in Overt Type 2 Diabetic Nephropathy**

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<tr>
<th>Sponsor</th>
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<tr>
<td>Medpace, Inc.</td>
<td>KRX-101-401 (05072153)</td>
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**The Collaborative Study Group Trial: The Effect of Sulodexide in Patients with Type 2 Diabetes and Microalbuminuria**

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<tr>
<th>Sponsor</th>
<th>Award</th>
<th>Budget Dates</th>
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<tr>
<td>Medpace, Inc.</td>
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### Luttrell, Louis

**Principal Investigator**

**Parathyroid Hormone and Osteoblast Mitogenesis**

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<th>Sponsor</th>
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**Tyrosine Kinases in G Protein Mediated Signaling**

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### Mao, Cungui

**Principal Investigator**

**Alkaline Ceramidase and Sphingolipid Signaling**

<table>
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<td>NIH/NCI</td>
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**SC COBRE in Lipidomics and Pathobiology: Project 5-Human Alkaline Phytoceramidase Regulation of Angiogenesis**

<table>
<thead>
<tr>
<th>PI: Lina Obeid</th>
<th>Sponsor: NIH/NCRR</th>
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<tr>
<td>Dept: Biochemistry and Molecular Biology</td>
<td>Award: 5 P20 RR017677-04 (05062082-8)</td>
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**Translational Research on Cancer Control and Related Therapy: The Human Alkaline Ceramidase and Skin Cancer**

<table>
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<tr>
<th>PI: Andrew Kraft</th>
<th>Sponsor: Science Applications Intl. Cor</th>
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<tr>
<td>Dept: Medicine</td>
<td>Award: GC-3319-05-44598CM (05110129-19)</td>
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### Markiewicz, Margaret

**Co-Investigator**

**Roles of Ets Genes in Transformation and Differentiation: Project 3 - Ets 1 and Fli1 in Stromal Activation in Breast Cancer**

<table>
<thead>
<tr>
<th>PI: Dennis Watson</th>
<th>Sponsor: NIH/NCI</th>
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<tr>
<td>Dept: Pathology and Laboratory Medicine</td>
<td>Award: 5 P01 CA078582-07 (04060106-14)</td>
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### McDermott, Paul

**Co-PI/Project Leader**

**Load-Induced Cardiac Hypertrophy in the Adult Mammal: Core D-Gene Transfer Core**

<table>
<thead>
<tr>
<th>PI: George Cooper, IV</th>
<th>Sponsor: NIH/NHLBI</th>
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<tr>
<td>Dept: Medicine</td>
<td>Award: 5 P01 HL048788-13 (05053192-5)</td>
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**Load-Induced Cardiac Hypertrophy in the Adult Mammal: Project 1-Translation Regulation of Cardiac Proteins Synthesis**

<table>
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<tr>
<th>PI: George Cooper, IV</th>
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<tr>
<td>Dept: Medicine</td>
<td>Award: 5 P01 HL048788-13 (05053192-7)</td>
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</table>
McDermott, Paul  
**Co-Investigator**  
Load-Induced Cardiac Hypertrophy in the Adult Mammal: Project 2-Mechanisms of Heterogeneous Remodeling of Myocardial Infarction  
*PI:* George Cooper, IV  
*Sponsor:* NIH/NHLBI  
*Total:* $172,186  
*Dept:* Medicine  
*Award:* 5 P01 HL048788-13 (05053192-8)

Menick, Donald  
**Principal Investigator**  
Summer Research Program for Minority Medical Students  
*Sponsor:* NIH/NHLBI  
*Budget Dates:* 05/01/06 - 04/30/07  
*Direct:* $68,640  
*Award:* 5 T35 HL007923-08 (04110118)  

Training to Improve Cardiovascular Drug Therapy  
*Sponsor:* NIH/NHLBI  
*Budget Dates:* 07/01/05 - 06/30/06  
*Direct:* $443,375  
*Award:* 5 T32 HL007260-29 (05010529)  

Co-PI/Project Leader  
Load-Induced Cardiac Hypertrophy in the Adult Mammal: Project 3-Cadiac Na-Ca Exchanger:Hypertrophic Regulation  
*PI:* George Cooper, IV  
*Sponsor:* NIH/NHLBI  
*Total:* $170,556  
*Dept:* Medicine  
*Award:* 5 P01 HL048788-13 (05053192-9)

Mohr, Jr., Lawrence  
**Principal Investigator**  
Environmental Biosciences Program  
*Sponsor:* DOE  
*Budget Dates:* 06/01/04 - 09/30/05  
*Direct:* $704,243  
*Award:* DE-FC09-02CH11109 (04030301)  

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:* $76,226  
*Award:* ML18530 (05100620)  

A Phase III, Randomized, Controlled Trial of Myocet, Trastuzumab and Paclitaxel Versus Trastuzumab and Paclitaxel for First Line Therapy of Metastatic Breast Cancer  
*Sponsor:* Pharmanet  
*Budget Dates:* 04/07/06 - 04/06/08  
*Direct:* $54,110  
*Award:* STM01-102 (06022479)  

Phase I Study to Evaluate the Safety/Tolerability and Immunogenicity of V-930 in Patients with Cancers Expressing HER-2 and/or CEA  
*Sponsor:* Merck  
*Budget Dates:* 05/01/06 - 02/01/08  
*Direct:* $199,480  
*Award:* V930 PN002 (06041149)  

Nielsen, Christopher  
**Principal Investigator**  
SPIRIT III: 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:* 11/09/05 - 12/31/11  
*Direct:* $122,800  
*Award:* 03-360 (05110349)  

A Randomized, Controlled-Trial to Evaluate the Safety and Efficacy of the Zomaxx Drug Eluting Coronary Stent System as Compared to the Taxus Express Paclitaxel-Eluting Stent in de novo Coronary Arterial Lesions  
*Sponsor:* Abbott Vascular Devices  
*Budget Dates:* 04/11/06 - 12/10/13  
*Direct:* $607,760  
*Award:* 640-0048 (06041150)  

Novgorodov, Sergei  
**Co-Investigator**  
Mitochondrial Ceramide in Chemotherapy-Induced Apoptosis  
*PI:* Lina Obeid  
*Sponsor:* NIH/NIA  
*Total:* $200,000  
*Dept:* Medicine  
*Award:* 2 R01 AG016583-08 (04102914-1)

Nowling, Tamara  
**Principal Investigator**  
Regulation of Fli1 Gene Expression in Lupus  
*Sponsor:* NIH/NIDDK  
*Budget Dates:* 09/20/05 - 08/31/06  
*Direct:* $103,590  
*Award:* 1 K01 DK072306-01 (04092907)  

*Annual Report for Research FY2006*
O’Brien, Terrence

**Principal Investigator**

**Multi-Center, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Long Term Efficacy and Safety of Oral Tolvaptan in Subjects Hospitalized with Worsening Congestive Heart Failure**

- **Sponsor:** Otsuka America Pharmaceutical, Inc.
- **Budget Dates:** 08/01/03 - 08/01/07
- **Direct:** $8,000

**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
- **Budget Dates:** 04/19/06 - 12/01/07
- **Direct:** $43,975

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

- **Sponsor:** VAMC
- **Budget Dates:** 04/01/06 - 03/31/09
- **Direct:** $125,000

---

Oates, James

**Principal Investigator**

**Biomarkers of Reactive Nitrogen and Oxygen Stress as Risk Factors for Cardiovascular Disease in African-Americans with Lupus**

- **Sponsor:** Lupus Fdn.
- **Budget Dates:** 01/15/06 - 01/14/07
- **Direct:** $100,000

**Urinary Protein Markers of Disease in Lupus Nephritis**

- **Sponsor:** NIH/NIAMS
- **Budget Dates:** 07/01/05 - 06/30/07
- **Direct:** $50,000

**The Role of Nitric Oxide and Eicosanoids in Lupus Nephritis**

- **Sponsor:** Arthritis Fdn.
- **Budget Dates:** 07/01/05 - 06/30/06
- **Direct:** $69,444

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Obeid, Lina

**Principal Investigator**

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

- **Sponsor:** VAMC
- **Budget Dates:** 01/01/06 - 12/31/06
- **Direct:** $150,000

---
Ogawa, Makio  
**Principal Investigator**  
**Tissue Reconstituting Potential of Human Stem Cells**  
Sponsor: NIH/NHLBI  
Award: 5 R01 HL075699-02 (04070111)  
Budget Dates: 04/01/06 - 03/31/07  
Direct: $219,713  
F & A: $57,125  
**Transdifferentiation Potential of Bone Marrow Stem Cells**  
Sponsor: NIH/NHLBI  
Award: 5 R01 HL069123-04 (05021124)  
Budget Dates: 04/01/06 - 03/31/07  
Direct: $244,125  
F & A: $63,473

Pannu, Jaspreet  
**Principal Investigator**  
**Role of IGF-I/IGFBP-3 Axis in Scleroderma Fibrosis**  
Sponsor: Scleroderma Fdn.  
Award: (05091211)  
Budget Dates: 01/30/06 - 12/31/06  
Direct: $46,296  
F & A: $3,704

Pereira, Naveen  
**Principal Investigator**  
**Registry to Improve the Use of Evidence-Based Heart Failure Therapies in the Outpatient Setting (IMPROVE HF)**  
Sponsor: Access Medical Group  
Award: IMPROVE HF REGISTRY (05081964)  
Budget Dates: 09/12/05 - 12/31/07  
Direct: $7,760  
F & A: $1,940  
**Assessing Cardiac Compass Trends for the Management of Heart Failure Patients - ASSESS-HF**  
Sponsor: Medtronic, Inc.  
Award: ASSESS-HF (05100304)  
Budget Dates: 09/15/05 - 09/15/07  
Direct: $8,300  
F & A: $2,075  
**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: CRAD001A2310 (05120294)  
Budget Dates: 09/01/05 - 09/01/06  
Direct: $137,125  
F & A: $34,281

Ploth, David  
**Principal Investigator**  
**Nephrology Fellows Education and Training in Anemia**  
Sponsor: Amgen  
Award: (03091702)  
Budget Dates: 07/01/03 - 06/30/15  
Direct: $4,380  
F & A: 0  
**Proteomic Techniques for Copurification of Proteins Associated with G Protein Coupled Receptors**  
Sponsor: Dialysis Clinics, Inc.  
Award: C-2392 (05030122)  
Budget Dates: 07/01/05 - 06/30/08  
Direct: $183,518  
F & A: 0  
**A Phase IV, Open-Label, Multi-Center Trial Evaluating the Efficacy of Fosrenol Compared to Existing Therapy in Adults with End Stage Renal Disease Treated for Hyperphosphatemia**  
Sponsor: Shire Pharmaceutical Development  
Award: (05062398)  
Budget Dates: 07/18/05 - 07/18/06  
Direct: $18,800  
F & A: $4,700  
**Medullary Kinins Attenuate the Antinatriuretic Action of Angiotensin II**  
Sponsor: Dialysis Clinics, Inc.  
Award: C-2431(Charleston-Azalea (05062933)  
Budget Dates: 08/01/05 - 07/31/07  
Direct: $160,885  
F & A: 0  
**Preservation Vascular Access Study(PVAS)**  
Sponsor: Marine Polymer Technologies  
Award: (05072155)  
Budget Dates: 08/15/05 - 08/14/06  
Direct: $125,749  
F & A: $31,437

Powers, Eric  
**Principal Investigator**  
**The Prevention of Myocardial Enlargement and Dilatation Post Myocardial Infarction Study (MENDMI)**  
Sponsor: Guidant  
Award: MENDMI (06051738)  
Budget Dates: 05/01/06 - 12/31/08  
Direct: $47,600  
F & A: $11,900
Raymond, John

**Principal Investigator**

**Training Grant in Glomerular Function and Disease**
- **Sponsor:** NIH/NIDDK
- **Award:** 5 T32 DK007752-08 (0406206)
- **Budget Dates:** 08/01/05 - 07/31/06
- **Direct:** $172,320
- **F & A:** $12,157

**Inflammatory Mediators of Glomerular Disease (REAP)**
- **Sponsor:** VAMC
- **Award:** (05060630)
- **Budget Dates:** 01/01/05 - 12/31/05
- **Direct:** $250,000
- **F & A:** 0

**Roles for Calmodulin in 5-HT Receptor Function**
- **Sponsor:** VAMC
- **Award:** (05060631)
- **Budget Dates:** 07/01/05 - 06/30/06
- **Direct:** $139,500
- **F & A:** 0

Reuben, Adrian

**Principal Investigator**

**Multi-Center Therapy Trial for Acute Liver Failure in Adults**
- **Sponsor:** UT Southwestern Med. Ctr.
- **Award:** GMO-500816 (04061004)
- **Budget Dates:** 09/01/05 - 08/31/06
- **Direct:** $19,500
- **F & A:** $8,970

**CPG 10101 Combination Therapy for the Treatment of Hepatitis C: A Phase 1B, Open-Label, Randomized Trial of CPG 10101 Alone, with Interferon, Ribavirin or Interferon and Ribavirin in the Treatment of Relapsed HCV Subjects**
- **Sponsor:** Coley Pharmaceutical Group, Inc
- **Award:** CPG 10101-003 (05072154)
- **Budget Dates:** 07/08/05 - 09/30/07
- **Direct:** $67,300
- **F & A:** $16,825

**A Phase 3 Study of the Safety, Tolerability and Efficacy of 15ug of Daily Interferon Alphacon-1 Plus Ribavirin in Chronic Hepatitis C-Infested Patients Who Have Not Achieved Sustained Virologic Response after Pegylated Interferon Alpha Plus Ribavirin Therapy**
- **Sponsor:** Intermune, Inc.
- **Award:** IRHC-003 (05092983)
- **Budget Dates:** 09/29/05 - 04/07/06
- **Direct:** $172,040
- **F & A:** $43,010

**CPG 10101 Combination Therapy for the Treatment of Hepatitis C: A Phase II, Randomized, Open-Label, Multi-Center, Parallel-Arm, Controlled Trial of CPG 10101 at Two Different Dose Levels with Pegylated-Interferon-Alpha 2B (PEG-IFN) Plus Ribavirin (RVN) or PEG-IFN Plus RVN without CPG 10101 in the Treatment of Non-Responder HCV Genotype I Infected Subjects**
- **Sponsor:** Coley Pharmaceutical Group, Inc
- **Award:** CPG 10101-004 (06021757)
- **Budget Dates:** 02/17/06 - 09/30/07
- **Direct:** $68,700
- **F & A:** $17,175

Romagnuolo, Joseph

**Principal Investigator**

**Capsule Endoscopic Finding and Incidence of Disease in First-Degree Relatives of Crohn’s Patients with Abnormal Intestinal Permeability**
- **Sponsor:** Broad Medical Research
- **Award:** IBD-0063T (06040319)
- **Budget Dates:** 04/01/06 - 03/31/07
- **Direct:** $49,048
- **F & A:** $4,905

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.
- **Award:** PROTOCOL GIPF-007 (04012806)
- **Budget Dates:** 12/02/03 - 06/30/06
- **Direct:** $33,137
- **F & A:** $8,284

**Two-Stage, Randomized, Open-Label, Parallel-Group, Phase III, Multi-Center, 7-Month Study to Assess the Efficacy and Safety of SYMBICORT pMDI Administered Either as Fixed or as an Adjustable Regimen Versus a Fixed Regimen of Advair in Subjects 12 years of Age and Older with Asthma**
- **Sponsor:** AstraZeneca
- **Award:** D5896C00005 (04012808)
- **Budget Dates:** 03/04/04 - 01/01/06
- **Direct:** $2,600
- **F & A:** $650

**A Multi-Center, Multi-National, Randomized, Double-Blind, Parallel-Group Study of the Effects of Ciclesonide HFA-MDI 640 PG/Day and Beclomethasone HFA-MDI 640 PG/Day on Lens Opacification in Adults Subjects with Moderate to Severe Persistent Asthma**
- **Sponsor:** Aventis Pharmaceutical, Inc.
- **Award:** (04042803)
- **Budget Dates:** 04/19/04 - 12/31/06
- **Direct:** $14,671
- **F & A:** $3,668

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A Randomized, Multiple-Dose, Double-Blind, Placebo- and Active-Controlled, Parallel-Group, Efficacy and Safety Study to Determine the Optimum Dose of BEA 2180 BR Delivered by the Respimat Inhaler in Patients with Chronic Obstructive Pulmonary Disease (COPD)

Sponsor: Boehringer Ingelheim Pharmaceuticals  
Budget Dates: 08/19/05 - 08/18/06  
Direct: $177,265

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: $393,680

Schweinfest, Clifford

Models of DRA Growth Suppression in Colon Cancer

Sponsor: NIH/NCI  
Budget Dates: 07/01/03 - 06/30/07  
Direct: $178,000

Shepard, Michelle

A Randomized, Double-Blind, Equivalence Study of the Efficacy of Epoetin Alfa Manufactured by Deep Tank Bioreactor Technology and Epoetin Alfa Manufactured by Roller-Bottle Technology for the Treatment of Anemia in Patients with Chronic Kidney Disease Receiving Hemodialysis

Sponsor: Amgen  
Budget Dates: 11/01/05 - 11/01/08  
Direct: $105,250

Sherman, Carol

A Phase III Study of Delayed vs. Immediate Second-Line Therapy with Docetaxel after Gemcitabine + Carboplatin in Advanced Non-Small Cell Lung Cancer

Sponsor: Lilly Research Laboratories  
Budget Dates: 03/01/02 - 12/31/07  
Direct: $3,300

A Randomized, Multi-Center, Phase III Study of Taxane/Carboplatin/Cetuximab or Taxane/Carboplatin as First-Line Treatment for Patients with Advanced/Metastatic Non-Small Cell Lung Cancer

Sponsor: PPD Development  
Budget Dates: 04/27/06 - 04/27/09  
Direct: $64,600

Silver, Richard

A.P.P.L.E. Study (Atherosclerosis Prevention in Pediatric Lupus Erythematosus)

Sponsor: Duke Univ.  
Budget Dates: 06/11/03 - 06/30/09  
Direct: $20,926

Effects of Bosentan on a Thrombin-Induced Cellular Model of Pulmonary Fibrosis

Sponsor: Actelion Pharmaceuticals  
Budget Dates: 05/16/06 - 05/15/07  
Direct: $25,000

NIAMS Clinical Research Center for Rheumatoid Arthritis

Sponsor: NIH/NIAMS  
Budget Dates: 04/01/06 - 03/31/07  
Direct: $866,971
Silvestri, Gerard

**Principal Investigator**

**Computer-Aided Cancer Management**

Sponsor: DOD

Budget Dates: 04/01/05 - 09/30/07

Direct: $1,471,539

Award: W81XWH-05-1-0378 (04070126)

Project Dates: 04/01/05 - 09/30/07

F & A: $130,764

**Narrow Band Imaging (NBI) Compared to White-Light Bronchoscopy for Evaluation of Normal, Pre-Malignant and Malignant Airway Disease**

Sponsor: Olympus America, Inc.

Budget Dates: 09/01/05 - 08/01/06

Direct: $8,540

Award: (05111878)

Project Dates: 09/01/05 - 08/01/06

F & A: $2,135

**Computerized Decision Support for Managing Lung Nodules**

Sponsor: Stanford University/LSUJ

Budget Dates: 06/27/05 - 05/31/06

Direct: $10,326

Award: 1 R01 CA117840-01A2 (06022270)

Project Dates: 06/27/05 - 05/31/06

F & A: $4,750

Smith, Edwin

**Principal Investigator**

**A Randomized, Double-Blind, Placebo-Controlled, Multi-Center Study to Assess the Effect of Bosentan on Healing and Prevention of Ischemic Digital Ulcers in Patients with Systemic Sclerosis**

Sponsor: Actelion Pharmaceuticals

Budget Dates: 10/01/03 - 09/30/05

Direct: $2,099

Award: AC-052-331 RAPIDS 2 (03092401)

Project Dates: 10/01/03 - 09/30/05

F & A: $525

**Multi-Center, Phase II Trial of Oral Type 1 Bovine Collagen in Scleroderma-Extension Through 4/30/2005**

Sponsor: Univ. of Tennessee

Budget Dates: 09/03/04 - 04/30/05

Direct: $1,647

Award: AR-92242 (04121396)

Project Dates: 09/03/04 - 04/30/05

F & A: $577

**Phase III "In-Life" Study of a Topical Gel Formulation of Nitroglycerine, MQX-503 and Matching Placebo Gel in the Prevention of Raynaud's Phenomenon**

Sponsor: MediQuest Therapeutics, Inc.

Budget Dates: 09/01/05 - 12/31/06

Direct: $160,000

Award: MQX-503 (05091934)

Project Dates: 09/01/05 - 12/31/06

F & A: $40,000

Smolka, Adam

**Principal Investigator**

**Mechanisms of H. Pylori-Induced Hypochlorhydria**

Sponsor: NIH/NIDDK

Budget Dates: 03/01/06 - 02/28/07

Direct: $184,500

Award: 5 R01 DK064371-02 (04030305)

Project Dates: 03/15/05 - 02/28/09

F & A: $84,870

Co-Investigator

**Translational Research on Cancer Control and Related Therapy: MALDI-TOF Prognostics in Esophageal Cancer**

Sponsor: Science Applications Intl. Cor

Sponsor: NIH/NIAHS

Total: $50,000

Dept: Medicine

Award: GC-3319-05-44598CM (05110129-26)

Soule, Jeremy

**Principal Investigator**

**Glycemic Control and Complications in Diabetes Mellitus Type 2**

Sponsor: VAMC

Budget Dates: 12/01/05 - 11/30/06

Direct: $180,000

Award: (06062416)

Project Dates: 12/01/00 - 11/30/07

F & A: $0

Co-Investigator

**Randomized, Multi-National, Multi-Center, Double-Blind, Placebo-Controlled, Two-Arm, Parallel-Group Trial of Rimonabant 20 mg OD for Reducing the Risk of Major Cardiovascular Events in Abdominally Obese Patients with Clustering Risk Factors (crescendo)**

Sponsor: Sanofi Synthelabo, Inc.

Total: $145,200

Dept: Medicine

Award: EFC 5826 (06011933-1)

Spinale, Francis

**Principal Investigator**

**Load-Induced Cardiac Hypertrophy in the Adult Mammal: Project 2-Mechanisms of Heterogeneous Remodeling of Myocardial Infarction**

Sponsor: NIH/NHLBI

Total: $172,186

Dept: Medicine

Award: 5 P01 HL048788-13 (05053192-8)

Co-Investigator

**Load-Induced Cardiac Hypertrophy in the Adult Mammal: Core C-Animal Model Core**

Sponsor: NIH/NHLBI

Total: $142,994

Dept: Medicine

Award: 5 P01 HL048788-13 (05053192-4)
Load-Induced Cardiac Hypertrophy in the Adult Mammal: Project 1-Translation Regulation of Cardiac Proteins

PI: George Cooper, IV  Sponsor: NIH/NHLBI  Total: $ 166,506
Dept: Medicine  Award: 5 P01 HL048788-13 (05053192-7)

Stenbit, Antine
Principal Investigator
Localization and Function of the nNOS/Alpha Syntrophin Complex in the Heart
Sponsor: Amer. Heart Assoc.  Budget Dates: 04/01/06 - 06/30/06  Direct: $ 43,185
Award: 0535043N (06041046)  Project Dates: 07/01/05 - 06/30/09  F & A: 4,319

Strange, Charlie
Principal Investigator
FPH 03: A Long-Term, Open Label Study to Evaluate the Safety of Sitaxsentan Sodium Treatment in Patients with Pulmonary Arterial Hypertension
Sponsor: Cycle Solutions  Budget Dates: 12/30/03 - 06/30/06  Direct: $ 60,800
Award: FPH03 (03120404)  Project Dates: 12/30/03 - 06/30/06  F & A: 15,435

Stuart, Robert
Principal Investigator
SWOG Protocol: Phase III, Randomized Trial of Preoperative Chemotherapy vs Preoperative Concurrent Chemotherapy and Thoracic Radiotherapy Followed by Surgical Resection and Consolidation Chemotherapy in Favorable Prognosis Patients with Stage IIIA (N2)
Sponsor: Southwest Oncology Group  Budget Dates: 06/25/05 - 04/11/06  Direct: $ 245,566
Award: CA37429 & CA32102 (02041501)  Project Dates: 06/25/05 - 05/31/09  F & A: 29,474

Alpha-1 Foundation Research Registry Program and ACT Study
Sponsor: Chiltern International, Inc.  Budget Dates: 09/01/05 - 07/31/06  Direct: $ 23,842
Award: 521064/PO P107223 (05040578)  Project Dates: 06/01/04 - 05/31/05  F & A: 9,548

A Phase III, Randomized Study of Cloretazine (VNP40101M) and Cytosine Arabinoside (AraC) in Patients with Acute Myeloid Leukemia in First Relapse
Sponsor: i3 Research  Budget Dates: 07/22/05 - 07/21/08  Direct: $ 73,960
Award: CLI-037 (05062715)  Project Dates: 07/22/05 - 07/21/08  F & A: 18,490

A Study to Provide Expanded Access of EXJADE (Deferasirox) to Patients with Congenital Disorders of Red Blood Cells and Chronic Iron Overload from Blood Transfusions Who Cannot Adequately be Treated with Other Locally Advanced Iron Chelators
Sponsor: Novartis Corp.  Budget Dates: 07/01/05 - 06/30/06  Direct: $ 11,450
Award: CICL670A2203/566 (05090193)  Project Dates: 07/01/05 - 06/30/06  F & A: 2,862

Phase 2, Open-Label Study of Amonafide L-Malate in Combination with Cytarabine in Subjects with Secondary Acute Myeloid Leukemia (AML)
Sponsor: Xanthus Life Sciences  Budget Dates: 12/01/05 - 05/31/09  Direct: $ 37,000
Award: 0001A3-200-GL (05121944)  Project Dates: 12/01/05 - 05/31/09  F & A: 9,250

An Open-Label, Single-Arm, Multi-Center, Phase 2 Study of Troxatyl (troxacitabine) Administered by Continuous Infusion in Patients with Acute Myeloid Leukemia (AML) in Second Salvage (CTO 100946)
Sponsor: SGX Pharmaceuticals, Inc.  Budget Dates: 12/06/05 - 12/31/07  Direct: $ 54,310
Award: SPD758-216 (05121945)  Project Dates: 12/06/05 - 12/31/07  F & A: 13,578
A Multi-Center, Single-Arm, Open-Label Expanded Access Program for Lenalidomide Plus Dexamethasone in Previously Treated Subjects with Multiple Myeloma

Sponsor: Celgene Corp.  
Award: CC-5013-MM-016 (06022478)  
Project Dates: 03/28/06 - 03/26/09  
F & A: 6,600

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: 19,528

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  
Award: CG53135-CLN-12 (06060953-1)  
Project Dates: 05/01/06 - 04/01/07  
F & A: 8,250

Translational Control of Beta 2 Adrenergic Receptor mRNA

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

Pharmacogenomic Sample Collection from Subjects Experiencing Edema Secondary to Gitazone Therapy or Rhabdomyolysis/Severe Myalgia Secondary to Statin Therapy

Sponsor: Perlegen Sciences, Inc.  
Award: 2005115 (05052649)  
Project Dates: 05/26/05 - 01/31/06  
F & A: 3,780

A Multi-Center, Double-Blind, Randomized Study to Establish the Clinical Benefit and Safety of Vytorin (Ezetimibe/Simvastatin Tablet) vs. Simvastatin Monotherapy in High-Risk Subjects Presenting with Acute Coronary Syndrome (IMPROVE IT)

Sponsor: Schering-Plough Corp.  
Award: P04103-3139 (050102820)  
Project Dates: 11/01/05 - 10/30/10  
F & A: 30,000
Trojanowska, Maria

**Co-PI/Project Leader**

**Roles of Ets Genes in Transformation and Differentiation: Project 3 - Ets 1 and Fli1 in Stromal Activation in Breast Cancer**

- **PI:** Dennis Watson
- **Sponsor:** NIH/NCI
- **Total:** $178,704

**NIAMS Clinical Research Center for Rheumatoid Arthritis: Project A**

- **PI:** Richard Silver
- **Sponsor:** NIH/NIAMS
- **Total:** $134,930

**Dept:** Pathology and Laboratory Medicine

**Award:** 5 P01 CA078582-07 (0406106-14)

**Roles of Ets Genes in Transformation and Differentiation: Project 3 - Ets 1 and Fli1 in Stromal Activation in Breast Cancer**

**Dept:** Medicine

**Award:** 5 P60 AR049459-04 (06040320-5)

**Ullian, Michael**

**Principal Investigator**

**Regulation of Angiotensin AT1 Receptors by Antioxidants**

- **Sponsor:** Dialysis Clinics, Inc.
- **Budget Dates:** 07/01/04 - 12/31/06
- **Direct:** $43,995

**Award:** C-2246 (04043006)

**Project Dates:** 07/01/04 - 12/31/06

**F & A:** 0

**Ulozas, Erlandas**

**Co-Investigator**

**Comparison of the Safety and Efficacy of a Unique Intravenous Iron Preparation (VIT-45) versus Oral Iron in the Treatment of Anemia in Non-Dialysis Dependent Chronic Kidney Disease**

- **PI:** Rachel Sturdivant
- **Sponsor:** Luitpold Pharmaceuticals, Inc.
- **Total:** $33,000

**Dept:** Medicine

**Award:** 1VIT04004 (06030736-1)

**Van Bakel, Adrian**

**Principal Investigator**

**A Prospective, Open-Label, Randomized, Multi-Center, Multi-National Study Evaluating the Overall Efficacy and Safety Including the Effect on Renal Function of Sirolimus (Rapamune) Replacing CNI in a Standard Care Regimen of CNI, Mycophenolate Mofetil (MMF) and Steroids in Heart Transplant Patients**

- **Sponsor:** Covance, Inc.
- **Budget Dates:** 09/23/05 - 01/31/09
- **Direct:** $277,604

**Award:** MT18328 (05101345)

**Project Dates:** 09/23/05 - 01/31/09

**F & A:** 69,401

**Vela Aquino, Marcelo**

**Principal Investigator**

**Endoscopic Full-Thickness Plication for the Treatment of Symptomatic Nonacid Gastroesophageal Reflux: A Prospective Single Arm Pilot Trial**

- **Sponsor:** Amer. Soc. for GI Endoscopy
- **Budget Dates:** 01/01/06 - 12/31/08
- **Direct:** $25,000

**Award:** (05091936)

**Project Dates:** 01/01/06 - 12/31/07

**F & A:** 0

**Vincent, Brad**

**Co-PI/Project Leader**

**Narrow Band Imaging (NBI) Compared to White-Light Bronchoscopy for Evaluation of Normal, Pre-Malignant and Malignant Airway Disease**

- **PI:** Gerard Silvestri
- **Sponsor:** Olympus America, Inc.
- **Total:** $8,540

**Dept:** Medicine

**Award:** (05111878-1)

**Wharton, J.**

**Principal Investigator**

**Focused Circumferential Ultrasound for the Treatment of Atrial Fibrillation Focus AF**

- **Sponsor:** ProRhythm, Inc.
- **Budget Dates:** 04/11/08 - 04/10/08
- **Direct:** $155,476

**Award:** Focus AF - CLIN 003 (06041152)

**Project Dates:** 04/11/08 - 04/10/08

**F & A:** 38,869

**NaviStar Thermocool Evaluation of the Catheter with the Stockert 70 Radiofrequency Generator for Endocardial Ablation in Patients with Typical Atrial Flutter, Condition of Approval Study, PMA #P030031**

- **Sponsor:** Biosense Webster, Inc.
- **Budget Dates:** 06/19/06 - 12/31/06
- **Direct:** $212,400

**Award:** P030031 (06060955)

**Project Dates:** 06/19/06 - 12/31/08

**F & A:** 53,100
Wilson, Frederick

Principal Investigator

The Crohn’s Therapy, Resource, Evaluation and Assessment Tool (TREAT) Registry
Sponsor: Centocor, Inc.
Award: (02052101)
Budget Dates: 07/01/02 - 07/31/06
Direct: $9,760
F & A: $2,440

A Randomized, Double-Blind, Multi-Center, Dose Response, Efficacy and Safety Evaluation of Inflabloc Cap in the Treatment of Patients with Moderately Active Crohn’s Disease
Sponsor: Inflabloc Pharmaceuticals
Award: CL-C002-00 (05091416)
Budget Dates: 09/14/05 - 09/13/07
Direct: $53,600
F & A: $13,400

The NOVEL 3 Trial: Phase 3, Randomized, Double-Blind, Placebo-Controlled, Multi-Center Retreatment Study of Sargramostim (LEUKINE) in Patients with Active Crohn’s Disease and Prior Treatment Response to Sargramostim
Sponsor: Berlex Laboratories
Award: 308180 (05091418)
Budget Dates: 10/06/05 - 11/08/05
Direct: $23,228
F & A: $5,807

Wilson, Peter

Principal Investigator

Improvement in Estimation of CHD Risk
Sponsor: Donald W. Reynolds Fdn.
Award: (03112502)
Budget Dates: 07/01/03 - 12/31/05
Direct: $33,943
F & A: $6,789

Wray, Dannah

Principal Investigator

C. Neoformans Infection in Organ Transplant Recipients
Sponsor: Univ. of Pittsburgh
Award: 107042 (06031564)
Budget Dates: 04/01/05 - 03/31/06
Direct: $3,425
F & A: $1,575
Young, M.  

**Principal Investigator**  

**Blocking Angiogenesis by Targeting PP-2A Pathways**  

**Sponsor:** NIH/NCI  

**Award:** 5 R01 CA097813-03 (05040172)  

**Budget Dates:** 07/01/05 - 04/30/06  

**Direct:** $395,794  

**F & A:** $102,906  

**Vitamin D Therapy to Enhance Intratumoral Anti-Cancer Immune Reactivity**  

**Sponsor:** VAMC  

**Budget Dates:** 10/01/04 - 09/30/05  

**Direct:** $148,000  

**F & A:** $0  

Zhang, Xian  

**Principal Investigator**  

**Development of Novel Monoclonal Antibodies for the Diagnosis and Treatment of Cancer**  

**Sponsor:** Neogenix Oncology, Inc.  

**Award:** (04081301)  

**Budget Dates:** 08/15/04 - 12/31/06  

**Direct:** $15,000  

**Impact of Fli-1 Expression on Lupus Disease Development**  

**Sponsor:** NIH/NIAMS  

**Award:** 1 K01 AR051385-01A1 (04102704)  

**Budget Dates:** 09/19/05 - 08/31/06  

**Direct:** $110,914  

**Zile, Michael**  

**Principal Investigator**  

**Diastolic Heart Failure: Role of the Extracellular Matrix**  

**Sponsor:** VAMC  

**Award:** CARD-009-00F (03063026)  

**Budget Dates:** 04/01/05 - 03/31/06  

**Direct:** $67,500  

**Effect of Inhibition of PDE-5 on Hypertrophic Response to Pressure Overload**  

**Sponsor:** Pfizer, Inc.  

**Award:** (05122856)  

**Budget Dates:** 12/22/05 - 12/21/06  

**Direct:** $74,658  

**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  

**Total:** $130,121  

**Annual Report for Research FY2006**
Load-Induced Cardiac Hypertrophy in the Adult Mammal: Core C-Animal Model Core  
Pl: George Cooper, IV  
Dept: Medicine  
Sponsor: NIH/NHLBI  
Total: $ 142,994  
Award: 5 P01 HL048788-13 (05053192-4)

Load-Induced Cardiac Hypertrophy in the Adult Mammal: Project 6-Diastolic Heart Failure Defining Cardiocyte Mechanisms  
Pl: George Cooper, IV  
Dept: Medicine  
Sponsor: NIH/NHLBI  
Total: $ 171,378  
Award: 5 P01 HL048788-13 (05053192-12)

Znoyko, Sergey  
Co-Investigator  
Roles of Ets Genes in Transformation and Differentiation: IVEC Core B  
Pl: Dennis Watson  
Dept: Pathology and Laboratory Medicine  
Sponsor: NIH/NCI  
Total: $ 133,325  
Award: 5 P01 CA078582-07 (04060106-10)

roles of Ets Genes in Transformation and Differentiation: Project 3 - Ets 1 and Fli1 in Stromal Activation in Breast Cancer  
Pl: Dennis Watson  
Dept: Pathology and Laboratory Medicine  
Sponsor: NIH/NCI  
Total: $ 178,704  
Award: 5 P01 CA078582-07 (04060106-14)

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 Etxetate with Open-Label Warfarin for the Prevention of Stroke and Systemic Embolism in Patients with Non-Valvular Atrial Fibrillation: Prospective, Multi-Center, Parallel-Group, Non-Inferiority Trial  
Sponsor: Boehringer Ingelheim Pharmaceuticals  
Budget Dates: 01/26/06 - 01/25/09  
Direct: $ 119,650  
Award: 1160.26 (05122854)

Microbiology and Immunology  
Atkinson, Carl  
Principal Investigator  
Role of Complement in Emphysema  
Sponsor: Institute of Biomedical Science  
Budget Dates: 10/01/05 - 10/01/06  
Direct: $ 3,500  
Award: (05081754)

Balish, Edward  
Co-PI/Project Leader  
SC COBRE in Lipidomics and Pathobiology: Core C-Animal Pathobiology Core  
Pl: Lina Obeid  
Dept: Biochemistry and Molecular Biology  
Sponsor: NIH/NCRR  
Total: $ 108,374  
Award: 5 P20 RR017677-04 (05062082-14)

Dong, Jianyun  
Principal Investigator  
Personnel Agreement for Economic Development  
Sponsor: Genphar, Inc.  
Budget Dates: 07/01/04 - 06/30/06  
Direct: $ 77,632  
Award: (05032543)

Haque, Azizul  
Principal Investigator  
Defective Antigen Presentation by Burkitt Lymphoma  
Sponsor: Leukemia and Lymphoma Society  
Budget Dates: 07/01/05 - 06/30/06  
Direct: $ 47,000  
Award: 3024-04 (04052816)

Role of Collagen V-Reactive T-Cells in Chronic Lung Allograft Rejection  
Sponsor: Amer. Lung Assoc.  
Budget Dates: 07/01/05 - 06/30/06  
Direct: $ 40,000  
Award: RG-10453-N (04082401)

Co-PI/Project Leader  
Translational Research on Cancer Control and Related Therapy: HLA Class II-Restricted Immune Recognition of Prostate Tumors  
Pl: Andrew Kraft  
Dept: Medicine  
Sponsor: Science Applications Intl. Cor  
Total: $ 60,000  
Award: GC-3319-05-44598CM (05110129-8)

Co-Investigator  
Calpain Activation of T Cells in Demyelinating Disease  
Pl: Naren Banik  
Dept: Neurosciences  
Sponsor: NIH/NINDS  
Total: $ 225,000  
Award: 2 R01 NS041088-06 (06050306-1)
Imai, Masaki

Principal Investigator

Bi-Specific Endothelin Receptor Antagonists for Breast Cancer Therapy

Sponsor: Susan G. Komen Fdn.  
Budget Dates: 05/01/06 - 04/30/09  
Direct: $64,310

Award: BCTR0600241 (05081038)  
Project Dates: 05/01/06 - 04/30/09  
F & A: $16,078

Kasman, Laura

Principal Investigator

Protection against Helicobacter Pylori Infection by Nutraceutical Compounds from Grape Products

Sponsor: Clemson Univ.  
Budget Dates: 07/01/05 - 05/31/06  
Direct: $2,225

Award: 973-7559-235-2005055 (05021123)  
Project Dates: 07/01/05 - 05/31/06  
F & A: $0

Liu, Xiang

Co-Investigator

Sphingolipids in Cancer Therapy and Angiogenesis, Project 2: Genesis of Bystander Activity in Fast, Gene Therapy

PI: Yusuf Hannun  
Dept: Biochemistry and Molecular Biology  
Award: 5 P01 CA097132-03 (05061052-3)

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  
Budget Dates: 10/01/05 - 09/30/06  
Direct: $83,502

Award: N00014-06-1-0091 (05082475)  
Project Dates: 10/01/05 - 09/30/08  
F & A: $38,411

Norris, James

Principal Investigator

Gene Therapy in the 21st Century - Conference - Various Sponsors

Sponsor: Introgen Therapeutics, Inc.  
Budget Dates: 11/01/05 - 01/31/06  
Direct: $60,000

Award: (05110756)  
Project Dates: 11/01/05 - 01/31/06  
F & A: $0

Co-PI/Project Leader

Ceramide Metabolizing Enzymes, Cancer Lipidomics and Gene Expression as a Function of Gleason Grade in Prostate Cancer

PI: Andrew Kraft  
Dept: Medicine  
Award: GC-3609-04-43766CM (04113022-16)

Sphingolipids in Cancer Therapy and Angiogenesis, Project 2: Genesis of Bystander Activity in Fast, Gene Therapy

PI: Yusuf Hannun  
Dept: Biochemistry and Molecular Biology  
Award: 5 P01 CA097132-03 (05061052-3)

Sub-Project Leader

Translational Research on Cancer Control and Related Therapy: Treatment Targets to Prevent Progression of Premalignant Oral Lesions to Cancer (Young PPG) Project 1 - Oral Premalignant Lesions as Vaccines to Prevent HNSCC

PI: Andrew Kraft  
Dept: Medicine  
Award: GC-3319-05-44598CM (05110129-27)

Pandey, Janardan

Principal Investigator

Immunoglobulin Allotypes in Hepatitis C Virus Infection

Sponsor: NIH/NIDDK  
Budget Dates: 03/01/06 - 02/28/07  
Direct: $134,225

Award: 1 R01 DK070877-01A1 (05022899)  
Project Dates: 03/01/06 - 02/28/09  
F & A: $61,744

Biomechanical, Developmental and Genetic Determinants for Rate of Orthodontic Tooth Movement in Humans

Sponsor: Univ. of Nebraska  
Budget Dates: 07/01/05 - 06/30/06  
Direct: $5,050

Award: (05072178)  
Project Dates: 07/01/05 - 06/30/08  
F & A: $0

Schmidt, Michael

Principal Investigator

Radiochemistry Education Award Program - Phase III

Sponsor: SCUREF  
Budget Dates: 09/15/05 - 09/30/07  
Direct: $87,792

Award: DE-FG09-00SR22184/DOES-01 (05062401)  
Project Dates: 09/15/05 - 09/30/07  
F & A: $8,975
Naval Nuclear Propulsion Graduate Fellowships
Sponsor: SCUREF
Award: DE-FG07-05ID14692/DNE-00 (06011831)
Budget Dates: 09/15/05 - 09/30/07
Project Dates: 09/15/05 - 09/14/10
Direct: $650,580
F & A: 13,462

Nuclear Engineering and Health Physics Fellowship and Scholarship Program
Sponsor: SCUREF
Award: DE-FG07-05ID14693 (06021655)
Budget Dates: 09/15/05 - 09/14/06
Project Dates: 09/15/05 - 09/14/10
Direct: $771,769
F & A: 20,981

Nuclear Reactor Sharing and University Matching Grant Reviews, American Nuclear Society
Sponsor: American Nuclear Society
Award: (06040242)
Budget Dates: 09/15/05 - 09/14/10
Project Dates: 09/15/05 - 09/14/10
Direct: $50,000
F & A: 0

Radiochemistry Education Award Program-Phase III
Sponsor: SCUREF
Award: DE-FG07-05ID14692 (06062085)
Budget Dates: 09/15/05 - 09/30/07
Project Dates: 09/15/05 - 09/14/10
Direct: $87,792
F & A: 8,975

Sutkowski, Natalie
Principal Investigator
Role of HERV-K18 Superantigen in EBV Lymphomagenesis
Sponsor: NIH/NCI
Award: 5 K01 CA095443-04 (05042541)
Budget Dates: 09/01/05 - 08/31/06
Project Dates: 09/30/03 - 08/31/06
Direct: $145,625
F & A: 11,650

Tomlinson, Stephen
Principal Investigator
Interaction between CD59 and Its Complement Ligands
Sponsor: NIH/NIAID
Award: 5 R01 AI047386-06 (04022701)
Budget Dates: 05/01/06 - 04/30/07
Project Dates: 06/01/01 - 04/30/07
Direct: $184,802
F & A: 79,465

Targeted Complement Inhibitors as Therapeutic Agents
Sponsor: Taligen
Award: 1 R43 DK072653-01 (04110964)
Budget Dates: 01/09/06 - 08/31/06
Project Dates: 01/09/06 - 08/31/06
Direct: $34,304
F & A: 15,780

Controlling Complement in Cerebral Ischemic Injury
Sponsor: NIH/NHLBI
Award: 1 R01 HL082485-01 (05010428)
Budget Dates: 12/01/05 - 11/30/06
Project Dates: 12/01/05 - 11/30/10
Direct: $225,000
F & A: 103,500

Modulation of Inflammatory Response and Secondary Injury
Sponsor: SC Spinal Cord Injury Fund
Award: SCIRF 0205 (05031484)
Budget Dates: 07/01/05 - 06/30/07
Project Dates: 07/01/05 - 06/30/07
Direct: $25,000
F & A: 0

Novel Complement Inhibitors and Therapy of Spinal Cord Injury
Sponsor: Christopher Reeve Paralysis Fdn.
Award: TA2-0501-2 (05061048)
Budget Dates: 01/01/06 - 12/31/06
Project Dates: 01/01/06 - 12/31/06
Direct: $67,593
F & A: 6,760

Varela, Juan
Principal Investigator
Minority Predoctoral Fellowship Program
Sponsor: NIH/NCI
Award: 5 F31 CA113269-02 (04042802)
Budget Dates: 09/30/05 - 09/29/06
Project Dates: 09/30/05 - 09/29/09
Direct: $36,986
F & A: 0

Virella, Gabriel
Principal Investigator
Research and Development
Sponsor: VAMC
Award: 534-D57090 (04032201)
Budget Dates: 09/01/05 - 08/31/06
Project Dates: 09/01/05 - 08/31/06
Direct: $41,918
F & A: 0

Co-PI/Project Leader
Immune Mechanisms of Nephropathy in Type 1 Diabetes
Pl: Maria Lopes-Virella
Sponsor: Juvenile Diabetes Fdn.
Total: $150,000
Dept: Medicine
Award: 1-2006-49 (05071932-1)
Voelkel-Johnson, Christina

**Principal Investigator**

**TRAIL-Induced Apoptosis in Prostate Cancer**
- **Sponsor**: NIH/NCI
- **Award**: 5 R01 CA102218-03 (05012121)
- **Project Dates**: 04/01/04 - 02/28/09
- **F & A**: 70,748

**TRAIL and Sphingolipids**
- **Sponsor**: Univ. of South Carolina
- **Award**: 52200J (06020620)
- **Project Dates**: 02/01/06 - 06/30/06
- **F & A**: 0

**Co-Investigator**

**Sphingolipids in Cancer Therapy and Angiogenesis, Project 2: Genesis of Bystander Activity in Fast, Gene Therapy**
- **PI**: Yusuf Hannun
- **Sponsor**: NIH/NCI
- **Total**: $159,487
- **Dept**: Biochemistry and Molecular Biology

**Award**: 5 P01 CA097132-03 (05061052-3)

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**Neurosciences**

Bachman, David

**Principal Investigator**

**Geriatric Education in the Medical School Curriculum**
- **Sponsor**: Duke Endowment
- **Award**: 5652-SP (06030738)
- **Project Dates**: 01/01/06 - 12/31/06
- **F & A**: 0

**Safety and Effectiveness of Open-Label Melperone in the Treatment of Patients with Psychosis Associated with Parkinson's Disease**
- **PI**: Vanessa Hinson
- **Dept**: Neurosciences

**Award**: OV-1005 (06053094-1)

Bailey, Byron

**Principal Investigator**

**ICH Removal: Minimally Invasive + rt-PA**
- **Sponsor**: Johns Hopkins Univ.
- **Award**: 1 R01 NS046309-01A2 (04120656)
- **Project Dates**: 03/02/05 - 02/28/06
- **F & A**: 8,822

**Phase II, Randomized, Pharmacokinetic, Dose Finding and Dose Frequency Determination Using rt-PA in Intraventricular Hemorrhage**
- **Sponsor**: Johns Hopkins Univ.
- **Award**: FD-R-001693 (05031823)
- **Project Dates**: 09/15/04 - 09/14/07
- **F & A**: 1,145

Banik, Naren

**Principal Investigator**

**Fulbright Visiting Scholar (Varduhi Knaryan) - Role of Calpain in Spinal Cord Neuronal Death in MPTP-Induced Parkinson's Disease in Mice**
- **Sponsor**: Fulbright Foreign Scholars
- **Award**: 68429271 (05033165)
- **Project Dates**: 11/01/05 - 07/31/06
- **F & A**: 0

**Estrogen Efficacy in Spinal Cord Injury**
- **Sponsor**: NIH/NINDS
- **Award**: 5 R01 NS045967-03 (05072046)
- **Project Dates**: 09/30/03 - 06/30/07
- **F & A**: 74,463

**The Role of Proteinase in Spinal Cord Injury**
- **Sponsor**: SC Spinal Cord Injury Fund
- **Award**: SCIRF 1205 (06040635)
- **Project Dates**: 04/01/06 - 03/31/07
- **F & A**: 0

**Calpain Activation of T Cells in Demyelinating Disease**
- **Sponsor**: NIH/NINDS
- **Award**: 2 R01 NS041088-06 (06050306)
- **Project Dates**: 01/15/01 - 02/28/10
- **F & A**: 99,360

**Co-PI/Project Leader**

**Proteolytic Control of Glioblastoma**
- **PI**: Swapan Ray
- **Dept**: Neurosciences

**Award**: 5 R01 CA091460-03 (04061605-2)

**Total**: $150,000

Berglind, William

**Principal Investigator**

**Cortico-Striatal BDNF and Cocaine, Withdrawal and Relapse**
- **Sponsor**: NIH/NIDA
- **Award**: 1 F31 DA018500-01A2 (05061670)
- **Project Dates**: 05/01/06 - 04/30/07
- **F & A**: 0

**Total**: $33,706

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**72 Annual Report for Research FY2006**
Bergmann, Kenneth

**Principal Investigator**

**A 12-Week, Double-Blind, Placebo-Controlled, Randomized, Parallel-Group, Multi-Center, Fixed Dose-Response Study to Evaluate the Efficacy and Safety of 10, 20 and 40mg/d Oral Doses of KW-6002 (Istradefylline) as Treatment for Parkinson’s Disease in Patients with Motor Response Complications on Levodopa/Carbidopa Therapy**

Sponsor: Lineberry Research Associates  
Award: 6002-US-016 (04070213)  
Budget Dates: 06/28/04 - 12/31/05  
Direct: $21,400

**Parkinson’s Disease Neuroprotection Clinical Trial Center**

Sponsor: NIH/NINDS  
Award: 1 U10 NS053372-01 (05012120)  
Budget Dates: 05/17/06 - 11/30/06  
Direct: $20,000

**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, Protocol # 6002-US-051**

Sponsor: INC Research, Inc.  
Award: 6002-US-051 (05051611)  
Budget Dates: 04/29/05 - 09/30/06  
Direct: $11,224

**An Open-Label, Multi-Center Study of the Continued Safety of Istradefylline in Subjects with Parkinson’s Disease Who Have Recently Completed One Year of Treatment with Istradefylline**

Sponsor: Pharmanet  
Award: 6002-US-025 (06011324)  
Budget Dates: 01/11/06 - 12/31/08  
Direct: $18,080

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Bhat, Narayan

**Principal Investigator**

**Neuroinflammation in Cholesterol-Induced AD Pathogenesis**

Sponsor: NIH/NINDS  
Award: 1 R01 NS051575-01A2 (05112888)  
Budget Dates: 05/25/06 - 04/30/07  
Direct: $202,500

**A Randomized, Double-Blind, Cross-Over Study to Compare IPX054 200 mg Bilayer Tablet BID to Carbidopa-Levodopa Immediate-Release 100 mg Tablet QID in Subjects with Parkinson’s Disease**

Sponsor: Impax Laboratories, Inc.  
Award: IPX054-B04-07 (05111571-1)  
Budget Dates: 05/25/06 - 04/30/10  
Direct: $29,900

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Carr, David

**Principal Investigator**

**5-HT Modulation of Signal Transfer in the Apical Dendrite of Cortical Pyramidal Cells**

Sponsor: NARSAD  
Award: (05090804)  
Budget Dates: 10/01/03 - 06/30/07  
Direct: $75,475

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Chandler, L.

**Principal Investigator**

**Ethanol and ERK/PKB Signaling in Brain**

Sponsor: NIH/NIAAA  
Award: 5 R01 AA010983-10 (05031711)  
Budget Dates: 10/01/03 - 06/30/06  
Direct: $76,990

**The Role of PPARg and PPARg Agonists in Septic Shock**

Sponsor: Childrens Hospital Research Fdn.  
Award: 5 R01 GM067202-03 (04082402)  
Budget Dates: 07/01/05 - 06/30/06  
Direct: $75,475

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Cook, James

**Principal Investigator**

**The Role of PPARg and PPARg Agonists in Septic Shock**

Sponsor: Childrens Hospital Research Fdn.  
Award: 5 R01 GM067202-03 (04082402)  
Budget Dates: 07/01/05 - 06/30/06  
Direct: $34,718
Role of Eicosanoids in Shock
Sponsor: NIH/NIGMS
Award: 5 R01 GM027673-24 (05050379)
Budget Dates: 07/01/05 - 06/30/06
Direct: $230,000
F & A: $96,490

Co-Investigator
Dual-Hit Hypothesis of Aging-Related DA Dysfunction-Project 3
PI: Ann-Charlotte Granholm
Dept: Neurosciences
Sponsor: NIH/NIA
Total: $77,660

Granholm, Ann-Charlotte
Principal Investigator
Pharmacological Correlates of Aging and Brain Cell Grafts
Sponsor: Univ. of South Florida
Award: 6155-0032-00-B (04043007)
Budget Dates: 07/01/05 - 06/30/06
Direct: $125,564
F & A: $53,992

Mechanisms of Neurotrophin Improved Cognition in Aging
Sponsor: NIH/NIA
Award: 5 R01 AG010755-12 (04070125)
Budget Dates: 09/15/05 - 08/31/06
Direct: $194,000
F & A: $89,240

Sero-terenergic Agonists and Memory
Sponsor: Predix Pharmaceuticals, Inc.
Award: (04071612)
Budget Dates: 07/09/04 - 07/08/06
Direct: $93,486
F & A: $23,372

Dual-Hit Hypothesis of Aging-Related DA Dysfunction
Sponsor: NIH/NIA
Award: 1 P01 AG023630-01A2 (04112920)
Budget Dates: 09/15/05 - 06/30/10
Direct: $794,571
F & A: $312,126

Effects of Dietary Fat Composition on Working Memory in Aged Rats
Sponsor: Clemson Univ.
Award: 1063-7557-235-2005434 (05032958)
Budget Dates: 07/01/05 - 11/30/06
Direct: $8,600
F & A: $0

Gregory, Mary
Principal Investigator
Prefrontal Glutamate and Working Memory
Sponsor: NIH/NIMH
Award: 5 F30 MH070194-03 (04063016)
Budget Dates: 09/30/05 - 09/29/06
Direct: $25,321
F & A: $0

Griesemer, David
Principal Investigator
A 19-Week, Randomized, Double-Blind, Multi-Center, Placebo-Controlled, Safety Study of Levetiracetam 20-60 mg/kg/day in the Treatment of Refractory Partial Onset-Seizures
Sponsor: UCB Secteur Pharmaceutique
Award: N01103 (04070006)
Budget Dates: 07/01/04 - 12/31/06
Direct: $768
F & A: $192

A Multi-Center, Open-Label, Long-Term, Follow-Up Study of the Safety and Efficacy of Levetiracetam in Children with Partial Onset Seizures
Sponsor: UCB Secteur Pharmaceutique
Award: PROTOCOL N01148 (04091306)
Budget Dates: 09/01/04 - 12/31/06
Direct: $768
F & A: $192

A Randomized, Double-Blind, Placebo-Controlled, Fixed Dose-Ranging Study to Assess the Safety, Tolerability, and Efficacy of Topiramate Oral Liquid and Sprinkle Formulations as an Adjunct to Concurrent Anticonvulsant Therapy for Infants (1 to 23 months of age, inclusive) with Refractory Partial-Onset Seizures, with Open-Label Extension
Sponsor: PPD Development
Award: TOPMAT-PEP 3001 (05092139)
Budget Dates: 08/17/05 - 08/07/07
Direct: $92,928
F & A: $23,232

Gudz, Tatyana
Principal Investigator
Integrin-Mediated Oligodendrocyte Survival in Ischemia
Sponsor: VAMC
Award: (06062406)
Budget Dates: 10/01/05 - 09/30/06
Direct: $141,461
F & A: $0

Co-PI/Project Leader
SC COBRE in Lipidomics and Pathobiology: Project 9-Spingolipids in Integrin-Mediated Oligodendrocyte Survival Signaling in Hypoxia/Ischemia
PI: Lina Obeid
Dept: Biochemistry and Molecular Biology
Sponsor: NIH/NCRR
Total: $150,000
Award: 5 P20 RR017677-04 (05062082-12)
Halford, Jonathan

**Principal Investigator**

_A Multi-Center, Double-Blind, Randomized, Placebo-Controlled, Parallel-Group Trial to Investigate the Efficacy and Safety of SPM 927 (600mg/day) as Adjunctive Therapy in Subjects with Partial Seizures with or without Secondary Generalization_

Sponsor: Schwarz Pharma AG  
Award: SP754 (05092764)  
Budget Dates: 08/03/05 - 09/13/06  
Direct: $72,441  
F & A: $18,110

**An Open-Label Extension Trial to Determine Safety and Efficacy of Long-Term Oral SPM 927 in Patients with Partial Seizures**

Sponsor: Schwarz Pharma AG  
Award: SP756 (06042695)  
Budget Dates: 04/01/06 - 04/01/10  
Direct: $74,980  
F & A: $18,747

**Co-PI/Project Leader**

_VNS Effects on Pain Perception and Auditory Evoked Potentials as Predictors of Clinical Response in Adults Receiving VNS for Depression_

Pl: Jeffrey Borckardt  
Dept: Psychiatry and Behavioral Sciences  
Total: $94,000  
Award: (05092979-1)

Hinson, Vanessa

**Principal Investigator**

_Safety and Efficacy of Melperone in the Treatment of Patients with Psychosis Associated with Parkinson’s Disease_

Sponsor: Ovation Pharmaceuticals, Inc.  
Award: OV-1003 (05081144)  
Budget Dates: 09/30/05 - 09/11/06  
Direct: $87,718  
F & A: $21,929

**A Randomized, Double-Blind, Cross-Over Study to Compare IPX054 200 mg Bilayer Tablet BID to Carbipoda-Levodopa Immediate-Release 100 mg Tablet QID in Subjects with Parkinson’s Disease**

Sponsor: Impax Laboratories, Inc.  
Award: IPX054-B04-07 (05111571)  
Budget Dates: 01/16/06 - 01/15/07  
Direct: $29,900  
F & A: $7,475

**Co-Investigator**

_An Open-Label, Multi-Center Study of the Continued Safety of Istradefylline in Subjects with Parkinson’s Disease Who Have Recently Completed One Year of Treatment with Istradefylline_

Pl: Kenneth Bergmann  
Dept: Neurosciences  
Total: $18,080  
Award: 6002-US-025 (06011324-1)

Jayanthi, Lankupalle

**Principal Investigator**

_Cocaine Regulation of Norepinephrine Transporter_

Sponsor: NIH/NIDA  
Award: 1 R03 DA16753-02 (03063004)  
Budget Dates: 08/01/05 - 07/31/07  
Direct: $50,000  
F & A: $23,000

**Co-Investigator**

_Dual-Hit Hypothesis of Aging-Related DA Dysfunction-Project 4: Dopamine and Vesicular Monoamine Transporters in Aging_

Pl: Ann-Charlotte Granholm  
Dept: Neurosciences  
Total: $110,766  
Award: 1 P01 AG023630-01A2 (04112920-8)

**Neurobiology of Addiction Research Center: Core C**

Pl: Peter Kalivas  
Dept: Neurosciences  
Total: $93,436  
Award: 5 P50 DA015369-04 (06060748-4)

**Neurobiology of Addiction Research Center: Project 3 - Changes in the Expression and Regulation of Monoamine Transporters Associated with Drug-Seeking Behavior**

Pl: Peter Kalivas  
Dept: Neurosciences  
Total: $101,976  
Award: 5 P50 DA015369-04 (06060748-7)

Kalivas, Peter

**Principal Investigator**

_Glutamate and Craving for Cocaine_

Sponsor: NIH/NIDA  
Award: 5 R01 DA012513-07 (04062905)  
Budget Dates: 04/01/06 - 03/31/07  
Direct: $170,887  
F & A: $78,608

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

Sponsor: NIH/NIDA  
Award: 5 R01 DA015851-03 (05021126)  
Budget Dates: 04/01/06 - 03/31/07  
Direct: $122,063  
F & A: $56,149
Neurobiology of Addiction Research (NARC)
Sponsor: NIH/NIDA
Award: 5 P50 DA015369-04 (06060748)
Budget Dates: 05/01/06 - 04/30/07
Direct: $ 868,592
Project Dates: 08/01/03 - 04/30/08
F & A: 399,552

Co-PI/Project Leader
Prefrontal Glutamate and Working Memory
PI: Mary Gregory
Dept: Neurosciences
Sponsor: NIH/NIMH
Budget Dates: 05/01/06 - 04/30/07
Total: $ 25,321
Award: 5 F30 MH070194-03 (04063016-2)

Kara, Prakash
Principal Investigator
Development of a Technological Platform to Study the Neural Code for Vision
Sponsor: Massachusetts Eye and Ear Infirmary
Award: IIS-0515134 (06011313)
Budget Dates: 12/01/05 - 05/31/06
Direct: $ 27,290
Project Dates: 12/01/05 - 05/31/09
F & A: 12,553

Kindy, Mark
Principal Investigator
SC 2004 Research Infrastructure Improvement Grant: MUSC Phenomics Center
Sponsor: SC Research Authority
Award: Task Order#0016 (04080503)
Budget Dates: 06/01/06 - 05/31/07
Direct: $ 657,881
Project Dates: 06/01/05 - 05/31/08
F & A: 0

 Expectatory and Anticipatory Behavior in Natural Systems
Sponsor: SC Research Authority
Award: Task Order #0014 (05022883)
Budget Dates: 07/01/05 - 05/15/06
Direct: $ 53,000
Project Dates: 07/01/05 - 05/15/06
F & A: 0

MUSC/NSF EPScOR Minority Undergraduate Research Program
Sponsor: SC Research Authority
Award: Task Order #0015 (05061676)
Budget Dates: 07/01/05 - 05/31/06
Direct: $ 15,700
Project Dates: 07/01/05 - 05/31/06
F & A: 0

Research Infrastructure Improvement Grant
Sponsor: SC EPSCOR
Award: EPS-0447660 (05100307)
Budget Dates: 07/01/05 - 05/31/06
Direct: $ 227,601
Project Dates: 07/01/05 - 05/31/06
F & A: 0

Nephrilysin and Amyloid-Beta Degradation in Alzheimer's Disease
Sponsor: VAMC
Award: (06062410)
Budget Dates: 04/01/06 - 03/31/07
Direct: $ 106,125
Project Dates: 04/01/06 - 03/31/10
F & A: 0

RAGE and Beta Amyloid Induced Oxidative Stress
Sponsor: VAMC
Award: (06062411)
Budget Dates: 10/01/05 - 09/30/06
Direct: $ 117,650
Project Dates: 10/01/05 - 09/30/07
F & A: 0

Enhancement of Neurosciences Research: Endowed Professorships
Sponsor: SC Research Centers of Economic Excellence
Award: (06062501)
Budget Dates: 08/09/04 - 06/30/05
Direct: $ 1,250,000
Project Dates: 08/09/04 - 06/30/09
F & A: 0

Enhancement of Neurosciences Research: Endowed Professorships
Sponsor: SC Research Centers of Economic Excellence
Award: (06062502)
Budget Dates: 09/21/05 - 06/30/06
Direct: $ 550,000
Project Dates: 09/21/05 - 06/30/06
F & A: 0

Co-PI/Project Leader
Neuroinflammation in Cholesterol-Induced AD Pathogenesis
PI: Narayan Bhat
Dept: Neurosciences
Sponsor: NIH/NINDS
Budget Dates: 05/01/06 - 04/30/07
Total: $ 202,500
Award: 1 R01 NS051575-01A2 (05112888-1)

Center for Interdisciplinary Spinal Cord Injury Research
PI: James Krause
Dept: Rehabilitation Sciences
Sponsor: SC Spinal Cord Injury Fund
Budget Dates: 08/09/04 - 06/30/05
Total: $ 157,082
Award: SCIRF 1105 (06041761-1)

Kroener, Sven
Co-Investigator
Neurobiology of Addiction Research Center: Core C
PI: Peter Kalivas
Dept: Neurosciences
Sponsor: NIH/NIDA
Budget Dates: 05/01/06 - 04/30/07
Total: $ 93,436
Award: 5 P50 DA015369-04 (06060748-4)
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<td>Sunil Patel</td>
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</table>
Co-PI/Project Leader

Dual-Hit Hypothesis of Aging-Related DA Dysfunction-Project 4: Dopamine and Vesicular Monoamine Transporters in Aging
PI: Ann-Charlotte Granholm
Sponsor: NIH/NIA
Total: $110,766
Dept: Neurosciences
Award: 1 P01 AG023630-01A2 (04112920-8)

Neurobiology of Addiction Research Center: Project 3 - Changes in the Expression and Regulation of Monoamine Transporters Associated with Drug-Seeking Behavior
PI: Peter Kalivas
Sponsor: NIH/NIDA
Total: $101,976
Dept: Neurosciences
Award: 5 P50 DA015369-04 (06060748-7)

Principal Investigator

Proteolytic Control of Glioblastoma
Sponsor: NIH/NCI
Budget Dates: 08/01/05 - 05/31/06
Direct: $296,475
Project Dates: 08/01/03 - 05/31/08
F & A: 136,379
Award: 5 R01 CA091460-03 (04061605)

Rod Neurodegenerative and Protective-Genes
Sponsor: NIH/NEI
Budget Dates: 08/01/05 - 07/31/07
Direct: $50,000
Project Dates: 08/01/01 - 07/31/07
F & A: 23,000
Award: 5 R01 EY013520-04S1 (04052501)

Principal Investigator

Role of Alzheimer's APP in Retinal Degeneration
Sponsor: Amer. Health Assistance Fdn.
Budget Dates: 04/01/04 - 03/31/06
Direct: $50,000
Project Dates: 04/01/04 - 03/31/06
F & A: 0
Award: M-2004-027 (03102205)

Effects of Cholinergic Drugs on APP Metabolism
Sponsor: Axonyx USA
Budget Dates: 04/01/05 - 10/31/06
Direct: $654,873
Project Dates: 12/25/03 - 10/31/06
F & A: 163,718
Award: (04010704)

Regulation and Cell Biology of Beta-Secretase
Sponsor: NIH/NIA
Budget Dates: 07/01/05 - 06/30/06
Direct: $164,000
Project Dates: 09/30/04 - 06/30/09
F & A: 75,440
Award: 5 R01 AG023055-02 (05061359)

Analysis of Amyloid and Related Proteins in the Blood of Patients Treated with Predix Compound PRX 03104
Sponsor: Epix Medical, Inc.
Budget Dates: 07/01/05 - 06/30/07
Direct: $120,000
Project Dates: 07/01/05 - 06/30/07
F & A: 30,000
Award: PRX-CP-010 (05080934)

Mechanisms of Neurotrophin Improved Cognition in Aging
PI: Ann-Charlotte Granholm
Sponsor: NIH/NIA
Total: $194,000
Dept: Neurosciences
Award: 5 R01 AG010755-12 (04070125-2)

Mevalonate Biosynthetic Pathway in APP Processing
PI: Yan Zhou
Sponsor: Alzheimers Assoc.
Total: $45,454
Dept: Neurosciences
Award: NIRG-05-12773 (04121606-1)

Neuroinflammation in Cholesterol-Induced AD Pathogenesis
PI: Narayan Bhat
Sponsor: NIH/NINDS
Total: $202,500
Dept: Neurosciences
Award: 1 R01 NS051575-01A2 (05112888-1)

Principal Investigator

Fast and Slow Dopamine Signaling in Prefrontal Cortex
Sponsor: NIH/NIMH
Budget Dates: 06/01/05 - 12/31/05
Direct: $150,000
Project Dates: 08/01/02 - 12/31/05
F & A: 69,000
Award: 5 R01 MH065924-04 (04061812)

Alcohol Research Center-Treatment and Implications-Research Component 4
PI: Carrie Randall
Sponsor: NIH/NIAAA
Total: $109,138
Dept: Psychiatry and Behavioral Sciences
Award: 2 P50 AA010761-11 (04120657-7)
See, Ronald
Principal Investigator
Basolateral Amygdala - A Substrate for Relapse
Sponsor: NIH/NIDA
Award: 5 R01 DA010462-10 (05032328)
Budget Dates: 06/01/06 - 05/31/07 Direct: $146,475
Project Dates: 04/10/97 - 05/31/07 F & A: $67,379

Co-PI/Project Leader
ORWH: SCOR on Sex and Gender Factors Affecting Women's Health-Project #1
Pl: Kathleen Brady
Dept: Psychiatry and Behavioral Sciences
Award: 5 P50 DA016511-04 (05042864-3)
Total: $97,288

Neurobiology of Addiction Research Center: Core B
Pl: Peter Kalivas
Dept: Neurosciences
Award: 5 P50 DA015369-04 (06060748-3)
Total: $234,294

Neurobiology of Addiction Research Center: Project 1 - Mapping Brain Circuitry of Drug-Seeking Behavior
Pl: Peter Kalivas
Dept: Neurosciences
Award: 5 P50 DA015369-04 (06060748-5)
Total: $67,042

Tempel, George
Co-Investigator
Role of Eicosanoids in Shock
Pl: James Cook
Dept: Neurosciences
Award: 5 R01 GM027673-24 (05050379-1)
Total: $230,000

Tyor, William
Principal Investigator
Delineating Viral Determinants of HAD Using SCID Mice
Sponsor: Albert Einstein Coll. of Med.
Award: 1 R21 MH075636-01/9-526-5 (05010739)
Budget Dates: 09/05/05 - 08/31/06 Direct: $17,178
Project Dates: 09/05/05 - 08/31/07 F & A: 7,902

Program Project Through University of Kentucky "Opiate Drug and CNS Vulnerability to HIV" Core B: Animals and Viral Proteins
Sponsor: Univ. of Kentucky
Award: 1 P01 DA019398-01A1 (05011896)
Budget Dates: 08/01/05 - 07/31/06 Direct: $67,640
Project Dates: 08/01/05 - 07/31/09 F & A: 31,114

MS Postdoctoral Fellow Support
Sponsor: Teva Neuroscience
Award: (05032539)
Budget Dates: 12/01/05 - 11/30/06 Direct: $50,000
Project Dates: 12/01/05 - 11/30/06 F & A: 0

VA MS Program
Sponsor: VAMC
Award: (05080320)
Budget Dates: 07/01/05 - 06/30/06 Direct: $10,000
Project Dates: 07/01/05 - 06/30/06 F & A: 0

Co-Investigator
Calpain Activation of T Cells in Demyelinating Disease
Pl: Naren Banik
Dept: Neurosciences
Award: 2 R01 NS041088-06 (06050306-1)
Total: $225,000

Walker, Aljoeson
Principal Investigator
Evaluation of the Safety, Tolerability and Impact on Biomarkers of Anti-Oxidant Treatment of Mild to Moderate Alzheimer's Disease
Sponsor: Univ. of California, San Diego
Award: 68AX (05102690)
Budget Dates: 06/01/05 - 11/30/07 Direct: $28,800
Project Dates: 06/01/05 - 11/30/07 F & A: 7,200

Co-Investigator
Alzheimer's Disease Neuroimaging Initiative
Pl: Jacobo Mintzer
Dept: Psychiatry and Behavioral Sciences
Award: ADNI-024 (05081757-1)
Total: $284,135
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<td><strong>Mevalonate Biosynthetic Pathway in APP Processing</strong></td>
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<td><strong>Screening of Bone Mineral Density in Women Who Have Received Chemotherapy</strong></td>
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<td><strong>Fetal Inflammation in Term Pregnancy</strong></td>
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### Department: Obstetrics and Gynecology

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### Department: Neurosciences

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Soper, David

**Principal Investigator**

**A Phase 3, Randomized, Multi-Center, Double-Blind, Double-Dummy, Placebo-Controlled Treatment Trial of Bacterial Vaginosis with Tinidazole Oral Tablets**

- **Sponsor:** Presutti Laboratories
- **Budget Dates:** 12/27/04 - 06/26/06
- **Direct:** $6,274
- **Award:** T-500 (04121708)

**Candida Test Evaluation**

- **Sponsor:** Quidel Corp.
- **Budget Dates:** 05/01/05 - 07/31/06
- **Direct:** $11,158
- **Award:** CS-082-01 (05042022)

**Tinidazole for Recurrent Bacterial Vaginosis: A Pilot Study**

- **Sponsor:** Presutti Laboratories
- **Budget Dates:** 12/15/05 - 07/29/06
- **Direct:** $11,040
- **Award:** (05120598)

Swift, Steven

**Principal Investigator**

**Efficacy and Safety of Duloxetine Compared with Placebo in Women with Symptoms of Mixed Urinary Incontinence**

- **Sponsor:** Eli Lilly
- **Budget Dates:** 06/01/03 - 05/31/06
- **Direct:** $34,800
- **Award:** F1J-MC-SBB0 (03052316)

**A Multi-Center, Randomized, Double-Blind, Study to Evaluate the Safety and Efficacy of Oxybutynin Vaginal Ring Releasing 4 Mg/Day versus 6 Mg/Day versus Placebo in Women Diagnosed with Overactive Bladder Who Have Symptoms of Predominant to Pure Ure Incontinence, Urgency and Frequency**

- **Sponsor:** Duramed Research, Inc.
- **Budget Dates:** 12/15/04 - 12/14/06
- **Direct:** $69,500
- **Award:** BR-OXY-202 (04121707)

Thurman, Andrea

**Co-PI/Project Leader**

**Tinidazole for Recurrent Bacterial Vaginosis: A Pilot Study**

- **Principal Investigator:** David Soper
- **Sponsor:** Presutti Laboratories
- **Budget Dates:** 12/15/05 - 07/29/06
- **Direct:** $11,040
- **Award:** (05120598-1)

Ophthalmology

Bowie, Esther

**Principal Investigator**

**An Exploratory, Randomized, Double-Masked, Multi-Center, Multi-Dose, Comparative Trial in Parallel Groups to Explore the Safety and Efficacy of Three Different Doses of Intravitreous Injections of Pegaptanib Sodium (Anit-VEGE Pegylated Aptamer) Given Every 6 Weeks for 102 Weeks in Patients with Subfoveal Neovascular Age-Related Macular Degeneration (AMD)**

- **Sponsor:** OSI Pharmaceuticals, Inc.
- **Budget Dates:** 05/01/06 - 06/30/09
- **Direct:** $166,032
- **Award:** EOP1014 (06062186)

Crosson, Craig

**Principal Investigator**

**Core Resources for Vision Research at MUSC**

- **Sponsor:** NIH/NEI
- **Budget Dates:** 05/01/06 - 06/30/09
- **Direct:** $131,982
- **Award:** 5 R24 EY014793-04 (04022605)

**Adenosine Agonist: Potential Antiglaucoma Agents**

- **Sponsor:** NIH/NEI
- **Budget Dates:** 03/01/06 - 02/28/07
- **Direct:** $307,645
- **Award:** 2 R01 EY009741-14 (05071929)

**Investigation of Conventional Outflow Facility**

- **Sponsor:** Alcon, Inc.
- **Budget Dates:** 06/30/05 - 12/31/06
- **Direct:** $24,658
- **Award:** (05072788)

**Glaucoma Studies**

- **Sponsor:** Lexicon Genetics, Inc.
- **Budget Dates:** 04/01/06 - 03/31/07
- **Direct:** $53,646
- **Award:** (06041764)

**Vision Science: Endowed Professorships**

- **Sponsor:** SC Research Centers of Economic Excellence
- **Budget Dates:** 06/29/05 - 06/30/06
- **Direct:** $3,029,799
- **Award:** (06062511)
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<td>Examine the Effects of Administration of Anti-Factor B monoclonal Antibody and Fragments of Said Antibody and CR2-Factor H Constructs in a Constant Light Exposure Model of Retinal Eye Damage</td>
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Saunders, Richard

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### Solomon, Kerry
**Principal Investigator**

**Clinical Acceptability of the New Amadeus II EpiBlade and EpiBlade Holder**
- **Sponsor:** Advanced Medical Optics, Inc.
- **Budget Dates:** 06/03/05 - 12/31/05
- **Direct:** $7,200
- **Award:** KTOM-117-EPIL (05061669)

**Research to Prevent Blindness**
- **Principal Investigator:** Wilson, M.
- **Infant Aphakia Treatment Study**
  - **Sponsor:** Emory Univ.
  - **Budget Dates:** 06/15/05 - 05/31/06
  - **Direct:** $8,850
  - **Award:** 5 U10 EY013272-02 (04092107)

**Orthopaedic Surgery**
- **An, Y.**
  - **Platelet-Rich and Platelet-Poor Plasma as Topical Hemostats**
    - **Sponsor:** Cell Factor Technologies
    - **Budget Dates:** 04/14/05 - 10/31/05
    - **Direct:** $12,299
    - **Award:** (05041816)
  - **The Osseointegration of Porous Materials Using a Rabbit Femoral Defect Model (Phase II)**
    - **Sponsor:** Stryker Orthopaedics
    - **Budget Dates:** 07/01/05 - 06/30/06
    - **Direct:** $31,224
    - **Award:** NCS05-005 (05102692)
  - **Effect of Ostene on the Infection Rate of Rabbit Tibial Wound Challenged with Staphylococcus Aureus**
    - **Sponsor:** Ceremed, Inc.
    - **Budget Dates:** 01/03/06 - 06/03/06
    - **Direct:** $63,976
    - **Award:** (06010671)
  - **The Osseointegration of Porous Materials Using a Rabbit Femoral Defect Model (Phase III)**
    - **Sponsor:** Stryker Howmedica Osteonics
    - **Budget Dates:** 06/01/06 - 12/31/06
    - **Direct:** $21,489
    - **Award:** NCS06-004 (06051533)

**Otolaryngology**
- **Ahlstrom, Jayne**
  - **Experimental and Clinical Studies of Presbyacusis - Project 2: Speech Understanding in Realistic Environments**
    - **PL:** Judy Dubno
    - **Dept:** Otolaryngology
    - **Sponsor:** NIH/NIDCD
    - **Total:** $177,398
    - **Award:** 5 P50 DC000422-19 (05042540-3)

**Connell, Abby**
- **Bilateral Benefit in Adult Users of the HiRes 90K Bionic Ear System**
  - **PL:** Ted Meyer
  - **Dept:** Otolaryngology
  - **Sponsor:** Advanced Bionics
  - **Total:** $25,700
  - **Award:** (06051532-1)
Day, Terry

**Principal Investigator**

*A Phase II, Open-Label Study to Evaluate the Safety, Tolerability, and Pharmacokinetic Profile of Proxinium in Patients with Recurrent Squamous Cell Carcinoma of the Head and Neck Who Have Received at Least One Prior Chemotherapy Regimen for Recurrent Disease*

**Sponsor:** PPD Development  
**Budget Dates:** 12/02/05 - 12/02/07  
**Direct:** $49,438

**Award:** VB4-845-01-II-A (05102806)  
**Project Dates:** 12/02/05 - 12/02/07  
**F & A:** $12,360

**Co-Investigator**

*Translational Research on Cancer Control and Related Therapy: Treatment Targets to Prevent Progression of Premalignant Oral Lesions to Cancer (Young PPG) Project #5 - Defining and Interrupting the Invasion Signaling Pathway*

**Pl:** Andrew Kraft  
**Dept:** Medicine  
**Sponsor:** Science Applications Intl. Cor  
**Total:** $15,000  
**Award:** GC-3319-05-44598CM (05110129-32)

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Dubno, Judy

**Principal Investigator**

*Automated Test of Word Recognition -- Phase II*

**Sponsor:** Audiology, Inc.  
**Budget Dates:** 04/01/06 - 03/31/07  
**Direct:** $63,088

**Award:** R42 DC006509-03 (04081202)  
**Project Dates:** 05/01/05 - 03/31/07  
**F & A:** $29,020

**Experimentals and Clinical Studies of Presbyacusis**

**Sponsor:** NIH/NIDCD  
**Budget Dates:** 07/01/05 - 06/30/06  
**Direct:** $1,108,652

**Award:** 5 P50 DC000422-19 (05042540)  
**Project Dates:** 07/01/07 - 06/30/07  
**F & A:** $509,980

---

Gillespie, M.

**Principal Investigator**

*Pillar Implant System Additional Implant Study*

**Sponsor:** Restore Medical, Inc.  
**Budget Dates:** 03/01/06 - 09/30/06  
**Direct:** $5,512

**Award:** (06021656)  
**Project Dates:** 03/01/06 - 09/30/06  
**F & A:** 0

**Co-PI/Project Leader**

*SC COBRE for Oral Health-Project 5*

**Pl:** Steven London  
**Dept:** Microbiology and Immunology  
**Sponsor:** NIH/NCRR  
**Total:** $141,857  
**Award:** 5 P20 RR017696-04 (05050588-7)

**Co-Investigator**

*Translational Research on Cancer Control and Related Therapy: Treatment Targets to Prevent Progression of Premalignant Oral Lesions to Cancer (Young PPG) Project #5 - Defining and Interrupting the Invasion Signaling Pathway*

**Pl:** Andrew Kraft  
**Dept:** Medicine  
**Sponsor:** Science Applications Intl. Cor  
**Total:** $15,000  
**Award:** GC-3319-05-44598CM (05110129-32)

---

Harris, Kelly

**Co-Investigator**

*Experimental and Clinical Studies of Presbyacusis - Project 1: Individual Differences in Age Related Hearing Loss*

**Pl:** Judy Dubno  
**Dept:** Otolaryngology  
**Sponsor:** NIH/NIDCD  
**Total:** $303,913  
**Award:** 5 P50 DC000422-19 (05042540-2)

---

He, Ning-Ji

**Co-Investigator**

*Experimental and Clinical Studies of Presbyacusis - Project 1: Individual Differences in Age Related Hearing Loss*

**Pl:** Judy Dubno  
**Dept:** Otolaryngology  
**Sponsor:** NIH/NIDCD  
**Total:** $303,913  
**Award:** 5 P50 DC000422-19 (05042540-2)

*Experimental and Clinical Studies of Presbyacusis - Project 2: Speech Understanding in Realistic Environments*

**Pl:** Judy Dubno  
**Dept:** Otolaryngology  
**Sponsor:** NIH/NIDCD  
**Total:** $177,398  
**Award:** 5 P50 DC000422-19 (05042540-3)

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Horwitz, Amy

**Co-Investigator**

*Experimental and Clinical Studies of Presbyacusis - Project 2: Speech Understanding in Realistic Environments*

**Pl:** Judy Dubno  
**Dept:** Otolaryngology  
**Sponsor:** NIH/NIDCD  
**Total:** $177,398  
**Award:** 5 P50 DC000422-19 (05042540-3)
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*Note: Values in parentheses are award numbers.*
### Meyer, Ted

**Principal Investigator**

**Bilateral Benefit in Adult Users of the HiRes 90K Bionic Ear System**

- **Sponsor:** Advanced Bionics
- **Budget Dates:** 05/15/06 - 12/31/07
- **Direct:** $25,700
- **Award:** (06051532)

**Co-PI/Project Leader**

**Experimental and Clinical Studies of Presbyacusis - Project 1: Individual Differences in Age Related Hearing Loss**

- **PI:** Judy Dubno
- **Dept:** Otolaryngology
- **Sponsor:** NIH/NIDCD
- **Total:** $303,913
- **Award:** 5 P50 DC000422-19 (05042540-2)

**Experimental and Clinical Studies of Presbyacusis - Core A: Administration**

- **PI:** Judy Dubno
- **Dept:** Otolaryngology
- **Sponsor:** NIH/NIDCD
- **Total:** $89,617
- **Award:** 5 P50 DC000422-19 (05042540-5)

### Mills, John

**Co-Investigator**

**Experimental and Clinical Studies of Presbyacusis - Core B: Human Subjects**

- **PI:** Judy Dubno
- **Dept:** Otolaryngology
- **Sponsor:** NIH/NIDCD
- **Total:** $198,598
- **Award:** 5 P50 DC000422-19 (05042540-6)

### Poth, Elizabeth

**Co-Investigator**

**Experimental and Clinical Studies of Presbyacusis - Project 1: Individual Differences in Age Related Hearing Loss**

- **PI:** Judy Dubno
- **Dept:** Otolaryngology
- **Sponsor:** NIH/NIDCD
- **Total:** $303,913
- **Award:** 5 P50 DC000422-19 (05042540-2)

**Experimental and Clinical Studies of Presbyacusis - Core A: Administration**

- **PI:** Judy Dubno
- **Dept:** Otolaryngology
- **Sponsor:** NIH/NIDCD
- **Total:** $89,617
- **Award:** 5 P50 DC000422-19 (05042540-5)

### Schlosser, Rodney

**Principal Investigator**

**Surfactant Proteins A and D in Chronic Sinusitis of Cystic Fibrosis**

- **Sponsor:** Cystic Fibrosis Fdn.
- **Budget Dates:** 04/01/06 - 03/31/07
- **Direct:** $40,000
- **Award:** SCHLOS0510 (04083101)

**A Prospective, Multi-Center Study to Evaluate Surgiflo Hemostatic Matrix with Thrombin-JMI in Achieving Hemostasis in Patients Undergoing Endoscopic Sinus Surgery**

- **Sponsor:** Johnson and Johnson
- **Budget Dates:** 08/17/05 - 08/17/06
- **Direct:** $16,000
- **Award:** 400-05-002 (05072803)

### Schmiedt, Richard

**Principal Investigator**

**Physiological Studies of Age-Related Hearing Loss**

- **Sponsor:** NIH/NIA
- **Budget Dates:** 06/01/06 - 03/31/07
- **Direct:** $170,888
- **Award:** 5 R01 AG014748-09 (05012535)

**Co-Investigator**

**Experimental and Clinical Studies of Presbyacusis - Project 1: Individual Differences in Age Related Hearing Loss**

- **PI:** Judy Dubno
- **Dept:** Otolaryngology
- **Sponsor:** NIH/NIDCD
- **Total:** $303,913
- **Award:** 5 P50 DC000422-19 (05042540-2)

**Experimental and Clinical Studies of Presbyacusis - Core A: Administration**

- **PI:** Judy Dubno
- **Dept:** Otolaryngology
- **Sponsor:** NIH/NIDCD
- **Total:** $89,617
- **Award:** 5 P50 DC000422-19 (05042540-5)

### Skoner, Judith

**Co-Investigator**

**Translational Research on Cancer Control and Related Therapy: Treatment Targets to Prevent Progression of Premalignant Oral Lesions to Cancer (Young PPG) Project #5 - Defining and Interrupting the Invasion Signaling Pathway**

- **PI:** Andrew Kraft
- **Dept:** Medicine
- **Sponsor:** Science Applications Intl. Cor
- **Total:** $15,000
- **Award:** GC-3319-05-44598CM (05110129-32)

**Translational Research on Cancer Control and Related Therapy: Treatment Targets to Prevent Progression of Premalignant Oral Lesions to Cancer (Young PPG) Project #4 - Oral Malignant Lesions as Vaccines to Prevent HNSCC**

- **PI:** Andrew Kraft
- **Dept:** Medicine
- **Sponsor:** Science Applications Intl. Cor
- **Total:** $15,000
- **Award:** GC-3319-05-44598CM (05110129-33)

### Strange, Christine

**Co-Investigator**

**Experimental and Clinical Studies of Presbyacusis - Project 1: Individual Differences in Age Related Hearing Loss**

- **PI:** Judy Dubno
- **Dept:** Otolaryngology
- **Sponsor:** NIH/NIDCD
- **Total:** $303,913
- **Award:** 5 P50 DC000422-19 (05042540-2)
Medical University of South Carolina

Research Faculty Activity

Pathology and Laboratory Medicine

Brown, Erica
Principal Investigator
Mechanistic Studies of BRCA-RAD51 Mediated DNA Repair
Sponsor: NIH/NCI
Budget Dates: 09/01/05 - 08/31/06
Direct: $106,989
Award: 5 K01 CA096994-04 (04082602)
Project Dates: 09/01/04 - 08/31/07
F & A: $8,559

Co-Pi/Project Leader
Translational Research on Cancer Control and Related Therapy: The Role of DNA Repair Pathways in Apoptosis
PI: Andrew Kraft
Sponsor: Science Applications Intl. Cor
Total: $60,000
Dept: Medicine
Award: GC-3319-05-44598CM (05110129-11)

Cunningham, Lisa
Principal Investigator
Mechanisms of Sensory Hair Cell Death and Survival
Sponsor: NIH/NIDCD
Budget Dates: 07/15/05 - 06/30/06
Direct: $250,000
Award: 1 R01 DC007613-01 (04092204)
Project Dates: 07/15/05 - 06/30/10
F & A: $115,000

Dammai, Vincent
Co-Pi/Project Leader
Proteomic Studies to Identify Novel Therapeutic Targets for Treatment of Kidney Cancers Involving VHL
PI: Andrew Kraft
Sponsor: Geo-Centers, Inc.
Total: $85,765
Dept: Medicine
Award: GC-3609-04-43766CM (04113022-15)

Donald, Carlton
Principal Investigator
Functional Analysis of Human Beta-Defensin Loss of Expression
Sponsor: NIH/NCI
Budget Dates: 05/01/06 - 04/30/07
Direct: $144,951
Award: 5 K22 CA096788-03 (05022892)
Project Dates: 05/01/04 - 04/30/07
F & A: $11,596

Fraig, Mostafa
Co-Investigator
Roles of Ets Genes in Transformation and Differentiation: Project 2 - Ets 1 and FGFR Functions in Epithelial Cell Migration
PI: Dennis Watson
Sponsor: NIH/NCI
Total: $154,153
Dept: Pathology and Laboratory Medicine
Award: 5 P01 CA078582-07 (04060106-13)

Hazen-Martin, Debra
Co-Pi/Project Leader
Oncology Center: Hollings Cancer Translational Research Core Development Grant
PI: Andrew Kraft
Sponsor: DOE
Total: $226,278
Dept: Medicine
Award: DE FG02 01ER63121 (04042303-2)

Hsu, Tien
Principal Investigator
Control of Epithelial Morphogenesis in Drosophila Ovary
Sponsor: NIH/NIGMS
Budget Dates: 07/01/05 - 06/30/06
Direct: $190,000
Award: 5 R01 GM057843-07 (05042867)
Project Dates: 07/01/99 - 06/30/07
F & A: $87,400

VHL and FGFR Signaling in Angiogenesis
Sponsor: NIH/NCI
Budget Dates: 07/01/05 - 03/30/06
Direct: $405,183
Award: 5 R01 CA109860-02 (05042868)
Project Dates: 07/01/04 - 03/30/09
F & A: $186,384

Roles of Ets Genes in Transformation and Differentiation: Project 1 - Role of an Epithelial Ets Factor in Breast Cancer
PI: Dennis Watson
Sponsor: NIH/NCI
Total: $235,348
Dept: Pathology and Laboratory Medicine
Award: 5 P01 CA078582-07 (04060106-12)

Roles of Ets Genes in Transformation and Differentiation: Project 2 - Ets 1 and FGFR Functions in Epithelial Cell Migration
PI: Dennis Watson
Sponsor: NIH/NCI
Total: $154,153
Dept: Pathology and Laboratory Medicine
Award: 5 P01 CA078582-07 (04060106-13)
Translational Research on Cancer Control and Related Therapy: The Biology of Kidney Tumor from Etiology to Treatment—Project 1: Non-VEGF Proangiogenic Activities of VHL Mutant Cells  
**PI:** Andrew Kraft  
**Sponsor:** Science Applications Int'l. Cor  
**Dept:** Pathology and Laboratory Medicine  
**Total:** $33,000  
**Award:** GC-3319-05-44598CM (05110129-5)

### Co-Investigator

Roles of Ets Genes in Transformation and Differentiation: Cellular Function Core C  
**Pl:** Dennis Watson  
**Sponsor:** NIH/NCI  
**Dept:** Pathology and Laboratory Medicine  
**Total:** $41,103  
**Award:** 5 P01 CA078582-07 (04060106-11)

#### Kawamori, Toshihiko

Co-PI/Project Leader  
SC COBRE in Lipidomics and Pathobiology: Project 7-Role of Spingosine Kinase 1/Spingosine-1-Phosphate Pathway in Colon Carcinogenesis  
**Pl:** Lina Obeid  
**Sponsor:** NIH/NCRR  
**Dept:** Biochemistry and Molecular Biology  
**Total:** $150,000  
**Award:** 5 P20 RR017677-04 (05062082-10)

Translational Research on Cancer Control and Related Therapy: Role of Prostaglandin E Receptor Subtype 1 in Colon Carcinogenesis  
**Pl:** Andrew Kraft  
**Sponsor:** Science Applications Int'l. Cor  
**Dept:** Medicine  
**Total:** $30,000  
**Award:** GC-3319-05-44598CM (05110129-20)

#### Lage, Janice

Co-Investigator  
Experimental and Clinical Studies of Presbyacusis - Project 3: Morphologic and Molecular Changes in the Aging Human Cochlea  
**Pl:** Judy Dubno  
**Sponsor:** NIH/NIDCD  
**Dept:** Otolaryngology  
**Total:** $339,126  
**Award:** 5 P50 DC000422-19 (05042540-4)

#### Lang, Hainan

**Principal Investigator**  
Cell Survival and Cell Death in the Auditory Nerve  
**Sponsor:** NIH/NIDCD  
**Dept:** Otolaryngology  
**Budget Dates:** 02/15/06 - 01/31/07  
**Direct:** $50,000  
**Project Dates:** 02/15/06 - 01/31/09  
**F & A:** $23,000

#### Lazarchick, John

Co-Investigator  
The Effect of Low-Osmolar and Iso-Osmolar Contrast Media on Erythrocytes in Healthy Volunteers  
**Pl:** Uwe Schoepf  
**Sponsor:** General Electric  
**Dept:** Radiology  
**Total:** $25,000  
**Award:** 05-VIS-016 (05122049-1)

#### Lewin, David

Co-Investigator  
Detection of Intestinal Metaplasia and High Grade Dysplasia in Barrett's Esophagus Using Narrow Band Imaging - A Randomized, Controlled Trial  
**Pl:** Robert Hawes  
**Sponsor:** Olympus, Ltd.  
**Dept:** Medicine  
**Total:** $54,553  
**Award:** (06040316-1)

#### Li, Runzhao

**Principal Investigator**  
Modulation of EMT by ETS1 and EAPII  
**Sponsor:** NIH/NCI  
**Dept:** Otolaryngology  
**Budget Dates:** 07/01/05 - 06/30/06  
**Direct:** $144,950  
**Project Dates:** 07/01/04 - 06/30/07  
**F & A:** $11,596

#### Re, Gian

Co-Investigator  
Experimental and Clinical Studies of Presbyacusis - Project 3: Morphologic and Molecular Changes in the Aging Human Cochlea  
**Pl:** Judy Dubno  
**Sponsor:** NIH/NIDCD  
**Dept:** Otolaryngology  
**Total:** $339,126  
**Award:** 5 P50 DC000422-19 (05042540-4)

#### Schulte, Bradley

Co-PI/Project Leader  
Experimental and Clinical Studies of Presbyacusis - Project 3: Morphologic and Molecular Changes in the Aging Human Cochlea  
**Pl:** Judy Dubno  
**Sponsor:** NIH/NIDCD  
**Dept:** Otolaryngology  
**Total:** $339,126  
**Award:** 5 P50 DC000422-19 (05042540-4)

#### Self, Sally

Co-Investigator  
Focal Segmental Glomerulosclerosis Clinical Trial  
**Pl:** Milos Budisavljevic  
**Sponsor:** Univ. of North Carolina  
**Dept:** Medicine  
**Total:** $15,064  
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<td>SC Cobre for Cardiovascular Disease-Core B: Transgenic Mouse Core</td>
<td>NIH/NCI</td>
<td>$209,238</td>
<td>Cell Biology and Anatomy</td>
<td>5 P20 RR016434-05 (05101757-10)</td>
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<tr>
<td>Steed, Lisa</td>
<td>Principal Investigator</td>
<td>ICU Surveillance Study: Incidence of Multi-Resistant Gram Negative Bacilli in ICU-2003</td>
<td>Merck</td>
<td>$2,800</td>
<td>Medicine</td>
<td>(03060505)</td>
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<td>Watson, Dennis</td>
<td>Principal Investigator</td>
<td>Roles of Ets Genes in Transformation and Differentiation</td>
<td>NIH/NCI</td>
<td>$794,750</td>
<td>Pathology and Laboratory Medicine</td>
<td>5 P01 CA078582-07 (04060106)</td>
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<td>Molecular Profiling for Identification of Diagnostic and Prognostic Markers of Bladder Cancer</td>
<td>Geo-Centers, Inc.</td>
<td>$349,693</td>
<td>Medicine</td>
<td>GC-3609-04-43768CM (04113022-21)</td>
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<td>Control of Epithelial Morphogenesis in Drosophila Ovary</td>
<td>NIH/NIGMS</td>
<td>$190,000</td>
<td>Pathology and Laboratory Medicine</td>
<td>5 R01 GM057843-07 (05042667-1)</td>
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<td>VHL and FGFR Signaling in Angiogenesis</td>
<td>NIH/NCI</td>
<td>$205,000</td>
<td>Pathology and Laboratory Medicine</td>
<td>5 R01 CA109860-02 (05042868-1)</td>
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<td>VHL and FGFR Signaling in Angiogenesis</td>
<td>NIH/NCI</td>
<td>$200,183</td>
<td>Pathology and Laboratory Medicine</td>
<td>5 R01 CA109860-03 (05042868-2)</td>
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<td>Wei, Ling</td>
<td>Principal Investigator</td>
<td>Function Restoration by ES Cell Implant after Ischemia</td>
<td>NIH/NINDS</td>
<td>$208,727</td>
<td>Pathology and Laboratory Medicine</td>
<td>5 R01 NS045155-04 (05032329)</td>
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<td>Angiogenesis, Functional Recovery and TNF-a after Stroke</td>
<td>NIH/NINDS</td>
<td>$180,653</td>
<td>Pathology and Laboratory Medicine</td>
<td>5 R01 NS045810-03 (05032330)</td>
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</table>

Annual Report for Research FY2006 89
**Neuroprotective Effect of Merck Compounds in Ischemic Stroke Rats**

**Sponsor:** Merck  
**Budget Dates:** 02/16/06 - 02/15/07  
**Direct:** $137,500

**Wolff, Daynna**

**Principal Investigator**

**Development of a Cytogenetic Application for the Tm Platform**

**Sponsor:** TM Bioscience Corp.  
**Budget Dates:** 08/01/05 - 02/28/07  
**Direct:** $41,096

**Co-Investigator**

**Experimental and Clinical Studies of Presbyacusis - Project 3: Morphologic and Molecular Changes in the Aging Human Cochlea**

**PI:** Judy Dubno  
**Sponsor:** NIH/NIDCD  
**Total:** $339,126

**Wright, Cynthia**

**Principal Investigator**

**Short-Term Training for Minority Students**

**Sponsor:** NIH/NHLBI  
**Budget Dates:** 05/01/06 - 04/30/07  
**Direct:** $100,576

**Co-PI/Project Leader**

**Translated Research on Cancer Control and Related Therapy: Akt Modulation of Chromatin Remodeling at the p16INK4a Promoter**

**PI:** Andrew Kraft  
**Sponsor:** Science Applications Intl. Cor  
**Total:** $39,878

**Zhou, Daohong**

**Principal Investigator**

**D609-A Novel Cytoprotectant and Selective Anti-Tumor Agent**

**Sponsor:** NIH/NCI  
**Budget Dates:** 04/01/06 - 03/31/07  
**Direct:** $187,594

**Co-PI/Project Leader**

**Translated Research on Cancer Control and Related Therapy: Akt Modulation of Chromatin Remodeling at the p16INK4a Promoter**

**PI:** Andrew Kraft  
**Sponsor:** Science Applications Intl. Cor  
**Total:** $60,000

**Pediatrics**

**Appiagyei-Dankah, Yaw**

**Principal Investigator**

**The Genetics and Neuroendocrinology of Short Stature International Study**

**Sponsor:** Lilly Research Laboratories  
**Budget Dates:** 04/01/03 - 03/31/10  
**Direct:** $6,896

**Norditropin National Registry Agreement**

**Sponsor:** Novo Nordisk Pharmaceuticals  
**Budget Dates:** 08/09/05 - 08/08/09  
**Direct:** $4,600

**Pfizer International Growth Study (KIGS)**

**Sponsor:** Pfizer, Inc.  
**Budget Dates:** 10/31/05 - 02/01/07  
**Direct:** $26,000

**Hulda Wohltmann Lecture**

**Sponsor:** Eli Lilly  
**Budget Dates:** 12/30/05 - 12/30/06  
**Direct:** $4,500
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<tr>
<th><strong>Hulda Wohltmann Lecture</strong></th>
<th>Sponsor: Serono Laboratories</th>
<th>Budget Dates: 12/30/05 - 12/30/06</th>
<th>Direct: $ 2,000</th>
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<tr>
<td><strong>Atz, Andrew</strong></td>
<td><strong>Functional Health Changes in Survivors of Surgery for Hypoplastic Left Heart Syndrome: Improving Outcomes for Hypoplastic Left Heart Syndrome: Yearly Survey</strong></td>
<td>Project Dates: 12/30/05 - 12/30/06</td>
<td>F &amp; A: 0</td>
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<td>Sponsor: Dartmouth Coll.</td>
<td>Award: 20000354/5-38179.576 (02012808)</td>
<td>Project Dates: 12/01/05 - 12/06/06</td>
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<td><strong>A Randomized, Double-Blind, Placebo-Controlled, Dose-Ranging, Parallel-Group Study of Oral Sildenafil in the Treatment of Children, Aged 1-16 Years with Pulmonary Arterial Hypertension</strong></td>
<td>Sponsor: Pfizer, Inc.</td>
<td>Budget Dates: 03/30/04 - 05/31/07</td>
<td>Direct: $ 2,438</td>
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<td>Sponsor: Medimmune, Inc.</td>
<td>Award: MI-CP111 (04010601)</td>
<td>Project Dates: 06/01/04 - 09/09/06</td>
<td>F &amp; A: 249</td>
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<tr>
<td><strong>A Pivotal, Phase 3 Study of MEDI-524 (Numax), an Enhanced Potency Humanized Respiratory Syncytial Virus (RSV) Monoclonal Antibody for the Prophylaxis of Serious RSV Disease in High Risk Children</strong></td>
<td>Sponsor: Medimmune, Inc.</td>
<td>Budget Dates: 07/01/04 - 09/09/06</td>
<td>Direct: $ 80,294</td>
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<tr>
<td>Sponsor: PPD Development</td>
<td>Award: MEDI-524 (05082579)</td>
<td>Project Dates: 06/01/04 - 09/09/06</td>
<td>F &amp; A: 10,566</td>
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<tr>
<td><strong>Randomized, Double-Blind, Trial to Assess the Safety and Relative Efficacy of CAIV-T against Inactivated Influenza Vaccine in Children 6-59 Months of Age</strong></td>
<td>Sponsor: PPD Development</td>
<td>Budget Dates: 06/01/04 - 09/09/06</td>
<td>Direct: $ 28,050</td>
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<td>Sponsor: Icon Clinical Research, Inc.</td>
<td>Award: A1481156 (06030629)</td>
<td>Project Dates: 02/22/06 - 02/28/07</td>
<td>F &amp; A: 6,015</td>
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<tr>
<td><strong>Comparison of Supplemental Oxygen and Nitric Oxide for Inhalation Plus Oxygen in the Evaluation of the Reactivity of the Pulmonary Vasculature During Acute Pulmonary Vasodilator Testing</strong></td>
<td>Sponsor: Ino Therapeutics, Inc.</td>
<td>Budget Dates: 07/01/04 - 09/09/06</td>
<td>Direct: $ 24,059</td>
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<td>Sponsor: Medimmune, Inc.</td>
<td>Award: MI-CP110 (04092809)</td>
<td>Project Dates: 06/01/04 - 09/09/06</td>
<td>F &amp; A: 609</td>
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<tr>
<td><strong>A Study to Evaluate the Safety, Tolerability, Pharmacokinetics, and Immunogenicity of MEDI-524, a Humanized Enhanced Potency Monoclonal Antibody against Respiratory Syncytial Virus (RSV), in Children with Hemodynamically Significant Congenital Heart Disease</strong></td>
<td>Sponsor: Medimmune, Inc.</td>
<td>Budget Dates: 07/01/04 - 09/09/06</td>
<td>Direct: $ 66,264</td>
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<td>Sponsor: Medimmune, Inc.</td>
<td>Award: MI-CP111 (04100601)</td>
<td>Project Dates: 06/01/04 - 09/09/06</td>
<td>F &amp; A: 16,566</td>
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<td><strong>A Multi-Center, Long-Term, Extension Study to Assess Safety of Oral Sildenafil in the Treatment of Subjects Who Have Completed Study A1481131</strong></td>
<td>Sponsor: Medimmune, Inc.</td>
<td>Budget Dates: 07/01/04 - 09/09/06</td>
<td>Direct: $ 22,657</td>
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<td><strong>Baatz, John</strong></td>
<td><strong>Spectroscopy of Biomembrane Monolayers</strong></td>
<td>Project Dates: 06/01/04 - 09/09/06</td>
<td>F &amp; A: 4,531</td>
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<td>Sponsor: Univ of Georgia</td>
<td>Award: RR168-552/6582647 (04061809)</td>
<td>Project Dates: 06/01/04 - 09/09/06</td>
<td>F &amp; A: 22,657</td>
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<tr>
<td><strong>Co-PI/Project Leader</strong></td>
<td><strong>Investigation of Neural-Immune Profiling, Transcriptomics and Proteomics as Clinical Tools in Assessing Navy Dolphin Health</strong></td>
<td>Sponsor: DOD/ONR</td>
<td>Total: $ 100,444</td>
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<td>PI: Gregory Warr</td>
<td>Dept: Biochemistry and Molecular Biology</td>
<td>Award: N00014-06-1-0296 (05112990-1)</td>
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<td><strong>Bandisode, Varsha</strong></td>
<td><strong>Closure of Perimembranous Ventricular Septal Defects with the AMPLATZER Membranous VSD Occluder</strong></td>
<td>Sponsor: Science Applications Intl. Cor</td>
<td>Total: $ 50,000</td>
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<td>Sponsor: Aga Medical Corp.</td>
<td>Award: U10 CA98543-02/Sub#14103 (03101505)</td>
<td>Project Dates: 03/01/05 - 02/28/06</td>
<td>F &amp; A: 4,531</td>
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<td><strong>Barredo, Julio</strong></td>
<td><strong>Children’s Oncology Chair Grant</strong></td>
<td>Sponsor: National Childhood Cancer Fdn.</td>
<td>Budget Dates: 07/01/05 - 06/30/06</td>
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<td>Sponsor: National Childhood Cancer Fdn.</td>
<td>Award: (06032908)</td>
<td>Project Dates: 12/30/05 - 12/30/06</td>
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<td><strong>Bandisode, Varsha</strong></td>
<td><strong>Co-Investigator</strong></td>
<td><strong>Translational Research on Cancer Control and Related Therapy: Prostate Cancer: Proteomics in African-Americans</strong></td>
<td>Sponsor: Science Applications Intl. Cor</td>
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<tr>
<td>PI: Andrew Kraft</td>
<td>Dept: Medicine</td>
<td>Award: GC-3319-05-44598CM (05110129-7)</td>
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<tr>
<td><strong>Barredo, Julio</strong></td>
<td><strong>Principal Investigator</strong></td>
<td><strong>Investigation of Neural-Immune Profiling, Transcriptomics and Proteomics as Clinical Tools in Assessing Navy Dolphin Health</strong></td>
<td>Sponsor: DOD/ONR</td>
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<td>Sponsor: Medimmune, Inc.</td>
<td>Award: MI-CP111 (04100601)</td>
<td>Project Dates: 06/01/04 - 09/09/06</td>
<td>F &amp; A: 22,657</td>
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<td><strong>Co-Investigator</strong></td>
<td><strong>Translational Research on Cancer Control and Related Therapy: Prostate Cancer: Proteomics in African-Americans</strong></td>
<td>Sponsor: Science Applications Intl. Cor</td>
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<td>PI: Andrew Kraft</td>
<td>Dept: Medicine</td>
<td>Award: GC-3319-05-44598CM (05110129-7)</td>
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Children’s Oncology Group-Master
Sponsor: National Childhood Cancer Fdn.
Award: U10 CA98543-02/Sub#13971 (03112103)
Budget Dates: 03/01/05 - 02/28/06
Project Dates: 03/01/05 - 02/28/06
Direct: $21,892
F & A: $4,378

Molecular Determinants of Methotrexate Metabolism in ALL
Sponsor: NIH/NCI
Award: 5 R01 CA098152-03 (05030331)
Budget Dates: 05/01/06 - 04/30/07
Project Dates: 05/01/04 - 04/30/09
Direct: $200,183
F & A: $92,084

Can-teen Support Group
Sponsor: Coastal Community Fdn. of SC
Award: (05071936)
Budget Dates: 10/01/05 - 09/30/06
Project Dates: 10/01/05 - 09/30/06
Direct: $5,000
F & A: $0

Stroke with Transfusions Changing to Hydroxyurea (SWiTCH)
Sponsor: St. Jude Childrens Hospital
Award: 1 U01 HL078787-01A1 (05030031)
Budget Dates: 08/05/05 - 07/31/06
Project Dates: 08/05/05 - 07/31/06
Direct: $156,106
F & A: $21,572

Children’s Chance Contract (Can-teen Support Group)
Sponsor: Children’s Chance
Award: (06022271)
Budget Dates: 11/23/05 - 06/30/06
Project Dates: 11/23/05 - 06/30/06
Direct: $5,000
F & A: $0

Pediatric Hydroxyurea Phase III Clinical Trial-Clinical Center
Sponsor: NIH/NHLBI
Award: N01-HB-07154 (99100606)
Budget Dates: 03/01/05 - 02/28/06
Project Dates: 03/01/05 - 02/28/06
Direct: $21,892
F & A: $4,378

Prescribing Errors in Ambulatory Pediatric Care
Sponsor: AHCPR/AHRQ
Award: 1 K08 HS015679-01A1 (05063056)
Budget Dates: 09/01/06 - 05/31/07
Project Dates: 09/01/06 - 05/31/10
Direct: $120,797
F & A: $8,895

Cystic Fibrosis Center-MUSC
Sponsor: Cystic Fibrosis Fdn.
Award: C104-05 (04081707)
Budget Dates: 09/01/05 - 06/30/06
Project Dates: 09/01/05 - 06/30/06
Direct: $62,465
F & A: $0

A Phase 3, Double-Blind, Multi-Center, Randomized, Placebo-Controlled Trial with Aztreonam Lysinate for Inhalation in Cystic Fibrosis Patients with Pulmonary P. Aeruginosa Requiring Frequent Antibiotics (AIR-CF2)
Sponsor: Corus Pharma
Award: CP-AI-005 (05041917)
Budget Dates: 04/18/05 - 12/31/06
Project Dates: 04/18/05 - 12/31/06
Direct: $4,310
F & A: $1,078

A Phase 3, Open-Label, Follow-On Study of Multiple Courses of Aztreonam Lysinate for Inhalation (AI) in Cystic Fibrosis Patients (AIR-CF3)
Sponsor: Corus Pharma
Award: CP-AI-006 (05081551)
Budget Dates: 09/01/05 - 08/14/06
Project Dates: 09/01/05 - 08/14/06
Direct: $41,099
F & A: $10,275

CME Grand Rounds Pediatric Airway and Lung Disease
Sponsor: GlaxoSmithKline
Award: (90041763)
Budget Dates: 09/01/05 - 03/01/06
Project Dates: 09/01/05 - 03/01/06
Direct: $2,000
F & A: $0

Population-Based Surveillance of Autism Spectrum Disorders
Sponsor: CDC
Award: UR3/CCU418882-05 (04042205)
Budget Dates: 09/29/05 - 05/31/06
Project Dates: 09/30/00 - 05/31/06
Direct: $181,622
F & A: $78,083

Personnel Development Collaboration
Sponsor: SC Dept. of Education
Award: 06-CO-308-01 (05121643)
Budget Dates: 07/01/05 - 07/31/06
Project Dates: 07/01/05 - 07/31/06
Direct: $1,000
F & A: $0

SC Autism and Developmental Disabilities Monitoring Project
Sponsor: CDC
Award: 1 UR3 DD000083-01 (06011211)
Budget Dates: 09/01/06 - 05/31/07
Project Dates: 09/01/06 - 05/31/10
Direct: $269,231
F & A: $80,769

AASK Cohort Study
Sponsor: NIH/NIDDK
Award: 5 U01 DK049659-11 (05050270)
Budget Dates: 07/01/05 - 06/30/06
Project Dates: 08/15/94 - 06/30/07
Direct: $107,873
F & A: $28,047
### Cochran, Joel
**Principal Investigator**

**Surfactant Protein Variants in Pediatric Lung Injury**

- **Sponsor:** Pennsylvania State University
- **Award:** 1 R21 HD047463-01A1 (04062102)
- **Budget Dates:** 06/15/05 - 05/31/06
- **Direct:** $5,480
- **F & A:** $2,520

### Contreras, Miquel
**Principal Investigator**

**Peroxisome Proliferator-Activated Receptors (PPARs), Peroxisomes and Oligodendrocytes**

- **Sponsor:** National Multiple Sclerosis Society
- **Budget Dates:** 08/01/05 - 07/31/06
- **Direct:** $40,000
- **F & A:** $4,000

### Darden, Paul
**Principal Investigator**

**Evidence-Based Immunization Delivery: Education and Research APA-SAM-CDC Collaborative Project**

- **Sponsor:** Ambulatory Pediatric Assoc.
- **Budget Dates:** 09/30/05 - 09/29/06
- **Direct:** $69,873
- **F & A:** $10,481

### Forbus, Geoffrey
**Co-Investigator**

A Study to Evaluate the Safety, Tolerability, Pharmacokinetics, and Immunogenicity of MEDI-524, a Humanized Enhanced Potency Monoclonal Antibody against Respiratory Syncytial Virus (RSV), in Children with Hemodynamically Significant Congenital Heart Disease

- **Pl:** Andrew Atz
- **Dept:** Pediatrics
- **Total:** $66,264
- **Award:** MEDI-524 (05082579-1)

### Furlanetto, Richard
**Principal Investigator**

**Survey of Microalbuminuria in Children and Adolescents with Type 1 and Type 2 Diabetes**

- **Sponsor:** Intl. Pediatric Hypertension Assoc.
- **Budget Dates:** 07/27/05 - 07/26/06
- **Direct:** $26,779
- **F & A:** $2,676

**Pediatric Endocrinology Educational Fellowship**

- **Sponsor:** Novo Nordisk Pharmaceuticals
- **Budget Dates:** 09/08/05 - 09/08/06
- **Direct:** $1,000
- **F & A:** $0

### Giri, Shailendra
**Principal Investigator**

**AMP-Activated Protein Kinase as a Key Target for EAE Disease Process**

- **Sponsor:** National Multiple Sclerosis Society
- **Budget Dates:** 04/01/04 - 03/31/07
- **Direct:** $140,356
- **F & A:** $14,035

### Haemmerich, Dieter
**Principal Investigator**

**Cooperative Research and Development Agreement for the Development of Radiofrequency Ablation Using ThermoDoxT in the Treatment of Cancer**

- **Sponsor:** NIH
- **Budget Dates:** 10/14/05 - 10/13/07
- **Direct:** $20,000
- **F & A:** $0

### Henshaw, Melissa
**Principal Investigator**

A Dose-Ranging and Safety Study of Candesartan Cilexetil in Hypertensive Pediatric Subjects 6<17 Years of Age: A 4-Week, Multi-National, Multi-Center, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study

- **Sponsor:** Astrazeneca
- **Budget Dates:** 05/19/04 - 06/30/06
- **Direct:** $480
- **F & A:** $120

A Multi-Center, Multi-National, Open-Label Study of the Efficacy, Safety and Pharmacokinetics of Candesartan Cilexetil in Hypertensive Pediatric Subjects 6<17 Years of Age

- **Sponsor:** Astrazeneca
- **Budget Dates:** 04/01/04 - 06/30/06
- **Direct:** $26,428
- **F & A:** $6,607
Hollis, Bruce  
**Principal Investigator**  
**Glucocorticoid-Induced Osteopenia in Children**  
Sponsor: Childrens Hosp. of Philadelphia  
Award: 5 R01 DK60030-05/20573-05 (03062702)  
Budget Dates: 09/01/05 - 08/31/06  
Direct: $ 9,240  
F & A: $ 3,974

**Evaluation of Vitamin D Requirements During Pregnancy**  
Sponsor: NIH/NICHHD  
Award: 5 R01 HD043921-03 (04062908)  
Budget Dates: 09/01/05 - 07/31/06  
Direct: $ 369,915  
F & A: $ 170,161

**Measurement of Serum Vitamin D(25(OH)D) for Heal Study of Breast Cancer Prognosis**  
Sponsor: NIH/NCI  
Award: 263-MQ-515645-1 (05122251)  
Budget Dates: 09/15/05 - 06/15/06  
Direct: $ 24,825  
F & A: $ 11,420

Hulsey, Thomas  
**Co-Investigator**  
**Training in Primary Care Medicine and Dentistry - Faculty Development Training in Primary Care**  
PI: Paul Darden  
Dept: Pediatrics  
Sponsor: HRSA  
Total: $ 237,260  
Award: 1 D55 HP05159-01-00 (04120353-1)

Jackson, Sherron  
**Principal Investigator**  
**An Open-Label, Extension Study Evaluating the Long Term Safety of ICA-17043 with or without Hydroxyurea Therapy in Subjects with Sickle Cell Disease**  
Sponsor: Quintiles Pacific, Inc.  
Award: ICA-17043-12 (06021654)  
Budget Dates: 02/14/06 - 04/30/07  
Direct: $ 41,505  
F & A: $ 9,216

**Stroke with Transfusions Changing to Hydroxyurea (SWiTCH)**  
PI: Julio Barredo  
Dept: Pediatrics  
Sponsor: St. Jude Childrens Hospital  
Total: $ 46,896  
Award: 1 U01 HL078787-01A1 (05091419-1)

Johnson, George  
**Principal Investigator**  
**SC Children’s AIDS Care System**  
Sponsor: SC DHEC  
Award: HV-6-417 (03081501)  
Budget Dates: 08/01/05 - 07/31/06  
Direct: $ 116,482  
F & A: $ 9,319

**Perinatal HIV Prevention Services**  
Sponsor: SC DHEC  
Award: HV-05-066 (05032856)  
Budget Dates: 01/01/06 - 12/31/06  
Direct: $ 28,528  
F & A: $ 2,282

Katikaneni, Lakshmi  
**Principal Investigator**  
**Neurological Assessment of Infants with Brain Injury from Chorioamnionitis**  
Sponsor: March of Dimes  
Award: 12-FY06-239 (05092143)  
Budget Dates: 06/01/06 - 05/31/09  
Direct: $ 45,298  
F & A: $ 4,530

Key, Janice  
**Principal Investigator**  
**The New Morning Foundation School/Community Health Promotion and Teen Pregnancy Prevention Initiative for the Charleston Sea Islands**  
Sponsor: New Morning Fdn.  
Award: (04022619)  
Budget Dates: 07/01/05 - 06/30/06  
Direct: $ 181,818  
F & A: $ 18,182

**Best Chance**  
Sponsor: DHHS  
Award: 5 APH OA002071-04-00 (05031595)  
Budget Dates: 07/01/05 - 06/30/06  
Direct: $ 178,572  
F & A: $ 46,428

**Comprehensive Care of Adolescent Families**  
Sponsor: DHHS  
Award: 5 APH PA002040-05-00 (05031596)  
Budget Dates: 07/15/05 - 07/14/07  
Direct: $ 174,823  
F & A: $ 75,177

**Co-Investigator**  
**Combined Pharmacoc/Behavior Therapy in Adolescent Smokers**  
PI: Himanshu Upadhyaya  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIDA  
Total: $ 225,000  
Award: 5 R01 DA017462-0 (05042863-1)

Key, L.  
**Principal Investigator**  
**Phase II Study of Alendronate Sodium (Fosamax) in Juvenile Osteoporosis**  
Sponsor: FDA  
Award: FD-R-001847-05 (04062308)  
Budget Dates: 09/30/05 - 09/29/06  
Direct: $ 241,468  
F & A: $ 111,075
South Carolina Children's Advocacy Medical Response System  
**Sponsor:** Univ. of South Carolina  
**Budget Dates:** 07/01/05 - 06/30/06  
**Direct:** $52,280  
**Award:** 05-1018 (04092401)  
**Project Dates:** 12/02/03 - 06/30/06  
**F & A:** 0

SEARCH for Diabetes in Youth  
**Sponsor:** Univ. of South Carolina  
**Budget Dates:** 09/30/05 - 09/30/06  
**Direct:** $44,537  
**Award:** 1 U01 DP000254-01/06-1194 (05061465)  
**Project Dates:** 09/30/05 - 09/30/10  
**F & A:** 20,487

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:** $3,110  
**Award:** 85-036 (95050104)  
**Project Dates:** 07/01/94 - 12/31/08  
**F & A:** 715

Kral, Mary  
Co-PI/Project Leader  
NIAMS Clinical Research Center for Rheumatoid Arthritis: Project B  
**PI:** Richard Silver  
**Sponsor:** NIH/NIAMS  
**Total:** $182,971  
**Dept:** Medicine  
**Award:** 5 P60 AR049459-04 (06040320-6)

Kraveka, Jacqueline  
Principal Investigator  
Children's Oncology Chair Grant  
**Sponsor:** National Childhood Cancer Fdn.  
**Budget Dates:** 03/01/05 - 02/28/06  
**Direct:** $15,914  
**Award:** U10 CA98543-02/Sub#14150 (03112008)  
**Project Dates:** 03/01/05 - 02/28/06  
**F & A:** 3,183

Role of Ceramide in Human Neuroblastoma Differentiation  
**Sponsor:** NIH/NCI  
**Budget Dates:** 09/07/05 - 08/31/06  
**Direct:** $124,950  
**Award:** 5 K01 CA100767-03 (04070105)  
**Project Dates:** 09/01/03 - 08/31/08  
**F & A:** 9,996

Co-PI/Project Leader  
SC COBRE in Lipidomics and Pathobiology: Project 4-Role of Ceramide in Human Neuroblastoma Differentiation and Treatment  
**PI:** Lina Obeid  
**Sponsor:** NIH/NCRR  
**Total:** $50,000  
**Dept:** Biochemistry and Molecular Biology  
**Award:** 5 P20 RR017677-04 (05062082-7)

Lemon, Henry  
Principal Investigator  
MUSC Children's Care: Expanding Access to Medical Homes  
**Sponsor:** Duke Endowment  
**Budget Dates:** 01/01/06 - 12/31/06  
**Direct:** $19,034  
**Award:** 5603-SP (04091503)  
**Project Dates:** 01/01/05 - 12/31/06  
**F & A:** 0

Maria, Bernard  
Principal Investigator  
Joubert Syndrome and Related Disorders: Clinical Database  
**Sponsor:** Univ. of California  
**Budget Dates:** 04/01/03 - 11/30/05  
**Direct:** $52,815  
**Award:** 10240946 (04101202)  
**Project Dates:** 04/01/03 - 11/30/05  
**F & A:** 8,072

Neurobiology of Disease in Children Conferences  
**Sponsor:** NIH/NINDS  
**Budget Dates:** 04/01/06 - 03/31/07  
**Direct:** $60,000  
**Award:** 2 R13 NS040925-08 (05012851)  
**Project Dates:** 04/15/01 - 03/31/07  
**F & A:** 0

Co-PI/Project Leader  
Translational Research on Cancer Control and Related Therapy: Targeting the Glioma EGFR and c-MET Pathways with Hyaluronon Oligomers  
**PI:** Andrew Kraft  
**Sponsor:** Science Applications Intl. Cor  
**Total:** $55,000  
**Dept:** Medicine  
**Award:** GC-3319-05-44598CM (05110129-22)

Marsh, Linda  
Co-Investigator  
Best Chance  
**PI:** Janice Key  
**Sponsor:** DHHS  
**Total:** $178,572  
**Dept:** Pediatrics  
**Award:** 5 APH OA002071-04-00 (05031595-1)

Co-PID/Project Leader  
Comprehensive Care of Adolescent Families  
**PI:** Janice Key  
**Sponsor:** DHHS  
**Total:** $174,823  
**Dept:** Pediatrics  
**Award:** 5 APH PA002040-05-00 (05031596-1)

McQuinn, Tim  
Principal Investigator  
Research Training in Pediatric Cardiology  
**Sponsor:** NIH/NHLBI  
**Budget Dates:** 07/01/05 - 06/30/06  
**Direct:** $243,374  
**Award:** 2 T32 HL007710-11A1 (04012120)  
**Project Dates:** 07/01/94 - 06/30/10  
**F & A:** 17,015
Neumann, Carola  
**Principal Investigator**  
*Role of PRDX1 in Natural Killer Cells and Tumorigenesis*  
Sponsor: NIH/NIEHS  
Award: 1 K22 ES012985-01 (05081967)  
Budget Dates: 09/02/05 - 07/31/06  
Project Dates: 09/02/05 - 07/31/08  
Direct: $100,000  
F & A: $8,000

Orak, John  
**Principal Investigator**  
*Peroxisomal Function in Renal Ischemia*  
Sponsor: Dialysis Clinics, Inc.  
Award: PROJECT 302 (97051901)  
Budget Dates: 01/01/05 - 06/30/06  
Direct: $60,000  
F & A: $0

Pai, G.  
**Principal Investigator**  
*Caring Connection*  
Sponsor: DOE  
Award: CY-06-041 (03091204)  
Budget Dates: 10/18/05 - 09/30/06  
Direct: $44,674  
F & A: $3,574

Panzarino, Valerie  
**Principal Investigator**  
*National Growth Cooperative Growth Study (NCGS) of Nutropin AQ, Nutropin, Protropin, and Nutropin Depot in Children with Growth Failure Due to Chronic Renal Insufficiency (CRI) or End Stage Renal Disease (ESRD)*  
Sponsor: Genentech, Inc.  
Award: 85-036 substudy 11 (05070897)  
Budget Dates: 07/08/05 - 12/31/08  
Direct: $224,792  
F & A: $103,404

Purohit, Dilip  
**Principal Investigator**  
*Measles Virus Nucleocapsid (MJVNP) Gene Expression and RANK Receptor Signaling in Osteoclast Precursors: Osteoclast Inhibitors Peptide Therapy for Pagets Disease*  
Sponsor: DOD  
Award: P00001/DAMD 17-03-1-0763 (04102905)  
Budget Dates: 04/29/06 - 04/28/07  
Project Dates: 04/29/05 - 09/23/07  
Direct: $224,792  
F & A: $103,404

Reddy, Sakamuri  
**Principal Investigator**  
*Inhibition of Osteoclast Activity by OIP-1/hSca1*  
Sponsor: NIH/NIDCR  
Award: 5 R01 DE012603-07 (05051609)  
Budget Dates: 04/01/09 - 06/30/09  
Project Dates: 04/01/04 - 08/31/08  
Direct: $142,500  
F & A: $65,100

Reigart, Il, John  
**Principal Investigator**  
*Training in Primary Care Medicine and Dentistry*  
Sponsor: HRSA  
Award: 1 D54 HP05448-01-00 (04120668)  
Budget Dates: 09/01/05 - 08/31/06  
Project Dates: 09/01/05 - 08/31/08  
Direct: $215,613  
F & A: $17,249

Roberts, James  
**Principal Investigator**  
*Using Geographic Information System (GIS) in Combination with a Hand-Held Device to Provide Cost-Effective Efficient Identification of Children with Elevated Blood Lead Levels*  
Sponsor: EPA  
Award: X8-964292005-0 (05051203)  
Budget Dates: 08/01/05 - 01/31/07  
Project Dates: 08/01/05 - 01/31/07  
Direct: $64,153  
F & A: $29,511

**Education and Management of Lead Intoxication**  
Sponsor: SC DHEC  
Award: WS-6-376 (05072159)  
Budget Dates: 07/20/05 - 06/30/06  
Project Dates: 07/20/05 - 06/30/06  
Direct: $5,000  
F & A: $0
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<td>Randomized Clinical Trials for Pediatric Heart Disease</td>
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<td>South Carolina Birth Defects Surveillance and Prevention Program</td>
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<td>Structure/Function of Peroxisomes in Neuroinflammation</td>
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<td>Co-Investigator</td>
<td>AMP-Activated Protein Kinase as a Key Target for EAE Disease Process</td>
<td>National Multiple Sclerosis Society</td>
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<td>Southgate, William</td>
<td>Long-Term Outcomes of NO for Ventilated Premature Babies</td>
<td>Univ. of Pittsburgh</td>
<td>12/01/04 - 11/30/05</td>
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<td>Inhaled NO for the Prevention of Chronic Lung Disease</td>
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<td>Virella-Lowell, Isabel</td>
<td>Gene and Pharmacological Therapies for Cystic Fibrosis</td>
<td>Univ. of Florida</td>
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<td>Anti-Inflammatory Gene Therapy for Cystic Fibrosis</td>
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Wagner, Carol  
Co-PI/Project Leader  
Development of an Artificial Neural Network in the Care of Neonates Receiving High Frequency Jet Ventilation  
Pl: Martina Mueller  
Sponsor: Bunnell, Inc.  
Dept: Biostatistics, Bioinformatics and Epidemiology  
Award: (05062713-1)  
Total: $ 20,021

Psychiatry and Behavioral Sciences

Acierno, Ron  
Principal Investigator  
Florida Hurricanes and Older Adults: Outcome/Resiliency Factors  
Sponsor: NIH/NIMH  
Award: 5 R21 MH074469-02 (04092819)  
Budget Dates: 03/01/06 - 02/28/07  
Direct: $ 73,514

Treatment Development: Bereavement in Older Adults  
Sponsor: NIH/NIA  
Award: 1 R21 AG023495-01A2 (04102101)  
Budget Dates: 09/15/05 - 08/31/06  
Direct: $ 120,000

Sexual Assault and Domestic Violence Intervention: A Training Program for Students in Health Professions  
Sponsor: SC Dept. of Public Safety  
Award: (05101344)  
Budget Dates: 01/01/06 - 12/31/06  
Direct: $ 9,608

Anderson, Berry  
Principal Investigator  
Patients' Perceptions of Living, Adapting, and Coping with a New Treatment, Vagus Nerve Stimulation Therapy for Depression  
Sponsor: Freedom from Fear  
Award: 1 K505032 (05051923)  
Budget Dates: 10/01/05 - 09/30/06  
Direct: $ 58,331

Anton, Jr., Raymond  
Principal Investigator  
Linkage Disequilibrium Studies of Alcohol Dependence  
Sponsor: Yale Univ.  
Award: 5 R01 AA11330-07 (03010302)  
Budget Dates: 05/01/04 - 04/30/06  
Direct: $ 79,630

Gabapentin as an Adjunct to Naltrexone for Alcoholism  
Sponsor: NIH/NIAAA  
Award: 5 R01 AA009568-14 (04063017)  
Budget Dates: 09/01/05 - 08/31/06  
Direct: $ 340,687

A Placebo-Controlled Study of Prometa Protocol in Treatment of Alcohol Dependence  
Sponsor: Hythiam, Inc.  
Award: (05102067)  
Budget Dates: 10/19/05 - 10/31/07  
Direct: $ 619,566

Co-PI/Project Leader  
Alcohol Research Center-Treatment and Implications-Research Component 1  
Pl: Carrie Randall  
Dept: Psychiatry and Behavioral Sciences  
Award: 2 P50 AA010761-11 (04120657-4)  
Total: $ 152,756

Alcohol Research Center-Treatment and Implications - Pilot Core  
Pl: Carrie Randall  
Dept: Psychiatry and Behavioral Sciences  
Award: 2 P50 AA010761-11 (04120657-9)  
Total: $ 63,311

Barkley, Russell  
Co-Investigator  
Atomoxetine Treatment for ADHD and Marijuana Dependence  
Pl: Aimee McRae  
Dept: Psychiatry and Behavioral Sciences  
Award: 1 R21 DA018221-01A1 (04102602-1)  
Total: $ 125,000

Becker, Howard  
Principal Investigator  
Ethanol Dependence and Stress Effects on Ethanol Drinking  
Sponsor: NIH/NIAAA  
Award: 5 U01 AA014095-04 (05011044)  
Budget Dates: 03/01/06 - 02/28/07  
Direct: $ 169,050

Treatment and Gene/Protein Analysis of Ethanol Relapse  
Sponsor: NIH/NIAAA  
Award: 5 R01 AA013885-04 (05012858)  
Budget Dates: 03/01/06 - 02/28/07  
Direct: $ 244,125

Co-PI/Project Leader  
Alcohol Research Center-Treatment and Implications-Research Component 2  
Pl: Carrie Randall  
Dept: Psychiatry and Behavioral Sciences  
Award: 2 P50 AA010761-11 (04120657-5)  
Total: $ 165,710
Becker, Howard

**Co-Investigator**  
ORWH: SCOR on Sex and Gender Factors Affecting Women's Health-Project #4  
PI: Kathleen Brady  
Dept: Psychiatry and Behavioral Sciences  
Award: 5 P50 DA016511-04 (05042864-6)  
**Total: $ 107,641**

**Bernstein, Hilary**

**Principal Investigator**  
Continuation ECT vs Pharmacotherapy: Efficacy and Safety  
Sponsor: Mayo Fdn. For Medical Research  
Award: R01 MH55484 (04070108)  
**Budget Dates:** 05/01/04 - 04/30/06  
**Direct:** $ 68,509  
**F & A:** $ 31,154  

Comparing Three Electrode Placements to Optimize ECT  
Sponsor: Mayo Clinic  
Award: 5 R01 MH62357-04 (04072303)  
**Budget Dates:** 06/01/04 - 05/31/07  
**Direct:** $ 96,131  
**F & A:** $ 44,220  

**Comparing Three Electrode Placements to Optimize ECT**  
Sponsor: New Jersey Medical School  
Award: R01 MH67201 (04072705)  
**Budget Dates:** 09/16/02 - 05/31/07  
**Direct:** $ 53,425  
**F & A:** $ 24,575  

Comparing Three Electrode Placements to Optimize ECT  
Sponsor: Univ. of Texas  
Award: 5 R01 MH62355-04/GMO-60 (05032332)  
**Budget Dates:** 06/01/04 - 05/31/06  
**Direct:** $ 9,232  
**F & A:** $ 4,246  

**Book, Sarah**

**Principal Investigator**  
Training in Comorbidity of Alcoholism and Mental Illness  
Sponsor: NIH/NIAAA  
Award: 5 K23 AA014430-03 (04062304)  
**Budget Dates:** 09/01/05 - 08/31/06  
**Direct:** $ 158,942  
**F & A:** $ 12,715  

**Borckardt, Jeffrey**

**Principal Investigator**  
TMS Effects on Pain Perception  
Sponsor: NIH/NINDS  
Award: 1 K23 NS050485-01A2 (05063055)  
**Budget Dates:** 04/01/06 - 03/31/07  
**Direct:** $ 129,930  
**F & A:** $ 10,394  

VNS Effects on Pain Perception and Auditory Evoked Potentials as Predictors of Clinical Response in Adults Receiving VNS for Depression  
Sponsor: Cyberonics, Inc.  
Award: (05092979)  
**Budget Dates:** 05/05/06 - 05/04/08  
**Direct:** $ 94,000  
**F & A:** $ 23,500  

**Brady, Kathleen**

**Principal Investigator**  
Clinical Investigation of Drug Abuse Disorders  
Sponsor: NIH/NIDA  
Award: 5 K24 DA000435-07 (03103009)  
**Budget Dates:** 08/01/05 - 07/31/06  
**Direct:** $ 138,374  
**F & A:** $ 11,070  

South Carolina Consortium of the Clinical Trials Network  
Sponsor: NIH/NIDA  
Award: 2 U10 DA013727-06 (04101101)  
**Budget Dates:** 09/01/05 - 08/31/06  
**Direct:** $ 1,197,565  
**F & A:** $ 326,105  

Drug Abuse Research Training (DART) Program  
Sponsor: NIH/NIDA  
Award: 1 R25 DA020537-01 (05012856)  
**Budget Dates:** 05/26/06 - 04/30/07  
**Direct:** $ 265,773  
**F & A:** $ 20,854  

**ORWH: SCOR on Sex and Gender Factors Affecting Women's Health**  
Sponsor: NIH/NIDA  
Award: 5 P50 DA016511-04 (05042864)  
**Budget Dates:** 07/01/05 - 06/30/06  
**Direct:** $ 610,999  
**F & A:** $ 281,059  

**Co-PI/Project Leader**  
The Use of Acamprosate in Alcohol Dependent Individuals with Comorbid Anxiety and Depressive Disorders  
Pl: Susan Sonne  
Dept: Psychiatry and Behavioral Sciences  
Award: CMP-MD-04 (06012764-1)  
**Total: $ 213,300**

**Co-Investigator**  
A Controlled Trial of NAC for Cocaine Dependence  
Pl: Robert Malcolm, Jr.  
Dept: Psychiatry and Behavioral Sciences  
Award: 1 R01 DA019903-01 (04092905-1)  
**Total: $ 296,210**

Atomoxetine Treatment for ADHD and Marijuana Dependence  
Pl: Aimee McRae  
Dept: Psychiatry and Behavioral Sciences  
Award: 1 R21 DA018221-01A1 (04102602-1)  
**Total: $ 125,000**
Alcohol Research Center-Treatment and Implications-Research Component 5
PI: Carrie Randall Sponsor: NIH/NIAAA Total: $92,861
Dept: Psychiatry and Behavioral Sciences Award: 2 P50 AA010761-11 (04120657-8)

Combined Pharmacology/Behavior Therapy in Adolescent Smokers
PI: Himanshu Upadhyaya Sponsor: NIH/NIDA Total: $225,000
Dept: Psychiatry and Behavioral Sciences Award: 5 R01 DA017460-0 (05042863-1)

CBT and Modafinil for Cocaine Addiction
PI: Robert Malcolm, Jr. Sponsor: NIH/NIDA Total: $305,282
Dept: Psychiatry and Behavioral Sciences Award: 5 R01 DA016368-03 (05042865-1)

Brawman-Mintzer, Olga
Principal Investigator
Study of Quetiapine Fumarate for the Treatment of Subjects with DSM-IV Generalized Anxiety Disorder (GAD)
Sponsor: Astra Pharmaceuticals, L.P. Budget Dates: 12/01/02 - 08/31/06 Direct: $3,193 $3,193
Award: (02112206) Project Dates: 12/01/02 - 08/31/06 F & A: 798 798

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 Budget Dates: 01/10/06 - 12/31/08 Direct: $252,400 252,400
Award: D1448CO00005 (06010674) Project Dates: 01/10/06 - 12/31/08 F & A: 63,100 63,100

A Multi-Center, Double-Blind, Randomized-Withdrawal, Parallel-Group, Placebo-Controlled, Phase III Study of the Efficacy and Safety of Quetiapine Fumarate Sustained Release (Seroquel SR) as Monotherapy in the Maintenance Treatment of Patients with Generalized Anxiety Disorder Following an Open-Label Stabilization Period (PLAINUM STUDY)
Sponsor: Astrazeneca Budget Dates: 04/05/06 - 06/01/08 Direct: $364,000 364,000
Award: D1448CO0012 (06040318) Project Dates: 04/05/06 - 06/01/08 F & A: 91,000 91,000

Pharmacological Treatment of Generalized Anxiety Disorder in the Elderly
Sponsor: VAMC Budget Dates: 10/01/05 - 09/30/06 Direct: $149,500 149,500
Award: (06062401) Project Dates: 10/01/05 - 09/30/06 F & A: 0 0

Cunningham, Phillippe
Principal Investigator
Differential Response to Evidenced-Based Treatment
Sponsor: NIH/NIMH Budget Dates: 04/01/06 - 03/31/07 Direct: $386,493 386,493
Award: 1 R01 MH068813-02 (04022613) Project Dates: 05/01/05 - 03/31/10 F & A: 85,015 85,015

Adherence to IDDM Regimen in Urban Youth
Sponsor: Wayne State Univ. Budget Dates: 07/01/04 - 08/31/06 Direct: $26,754 26,754
Award: 5 R01 DK059067-05 (04080201) Project Dates: 07/01/01 - 08/31/06 F & A: 11,504 11,504

Adapting MST to Improve Food Choices and Health Outcomes in Obese African American Youth
Sponsor: Wayne State Univ. Budget Dates: 07/01/05 - 06/30/06 Direct: $6,776 6,776
Award: 7-05-HFC-24 (05112384) Project Dates: 07/01/05 - 06/30/08 F & A: 1,016 1,016

Danielson, Carla
Principal Investigator
Reducing Risk for Severe Mental Illness in Sexually Assaulted Adolescents
Sponsor: NARSAD Budget Dates: 07/01/05 - 06/30/06 Direct: $28,650 28,650
Award: (04072103) Project Dates: 07/01/05 - 06/30/07 F & A: 0 0

De Arellano, Michael
Principal Investigator
Coordinating Services for Child Sexual Assault
Sponsor: SC Dept. of Public Safety Budget Dates: 04/01/06 - 03/31/07 Direct: $67,498 67,498
Award: 1V06067 (05120607) Project Dates: 04/01/06 - 03/31/07 F & A: 0 0

Co-Investigator
Youth Violence Exposure: A National Longitudinal Survey
PI: Dean Kilpatrick Sponsor: NIH/NICHD Total: $380,992 380,992
Dept: Psychiatry and Behavioral Sciences Award: 5 R01 HD046830-02 (05041513-1)

Deas, Deborah
Principal Investigator
Naltrexone Treatment of Adolescent Alcoholics
Sponsor: NIH/NIAAA Budget Dates: 09/01/05 - 08/31/06 Direct: $293,496 293,496
Award: 5 R01 AA013393-04 (04061503) Project Dates: 09/01/02 - 08/31/07 F & A: 135,008 135,008
### A Double-Blind, Placebo-Controlled Study Evaluating the Safety and Efficacy of Campral in Maintaining Abstinence in Adolescent Patients with Alcohol Dependence

**Sponsor:** Forest Labs, Inc.  
**Budget Dates:** 01/09/06 - 01/31/07  
**Direct:** $82,320  
**Award:** CAM-MD-01 (06010985)

### Combined Pharmacotherapy/Behavior Therapy in Adolescent Smokers

**PI:** Himanshu Upadhyaya  
**Sponsor:** NIH/NIDA  
**Budget Dates:** 02/01/06 - 01/31/07  
**Direct:** $195,300  
**Award:** 5 R01 MH071811-02 (04062914)

### Bipolar Disorder in Pregnancy: Predictors of Morbidity

**PI:** Emory Univ.  
**Sponsor:** NIH/NIDA  
**Budget Dates:** 08/12/05 - 07/31/06  
**Direct:** $50,000  
**Award:** 1 R01 MH071531-01A1 (04071601)

### Pharmacokinetics of Asenapine in Elderly Subjects

**PI:** Amer. Psychiatric Assoc.  
**Sponsor:** Pfizer, Inc.  
**Budget Dates:** 03/24/06 - 04/30/08  
**Direct:** $142,722  
**Award:** A7501021 (06051635)

### Program for Minority Research Training in Psychiatry (PMRTP)

**Sponsor:** APIRE  
**Budget Dates:** 03/24/06 - 04/30/08  
**Direct:** $54,436  
**Award:** 5 T32 MH19126-17 (06061577)
Foust, Jack
Co-Investigator
CBT and Modafinil for Cocaine Addiction
Pl: Robert Malcolm, Jr. Sponsor: NIH/NIDA Total: $ 305,282
Dept: Psychiatry and Behavioral Sciences Award: 5 R01 DA016368-03 (05042865-1)

Frueh, B.
Co-Investigator
South Carolina Consortium of the Clinical Trials Network
Pl: Kathleen Brady Sponsor: NIH/NIDA Total: $ 917,718
Dept: Psychiatry and Behavioral Sciences Award: 2 U10 DA013727-06 (0410101-1)

George, Mark
Principal Investigator
A Multi-Center, Pivotal, Safety and Efficacy Study of the Neuro-Cybernetic Prothesis (NCP) System in Patients with Depression
Sponsor: Cyberonics, Inc. Budget Dates: 06/30/00 - 12/31/07 Direct: $49,835
Award: DO-2 (00061906) Project Dates: 06/30/00 - 12/31/07 F & A: $11,463

Optimization of TMS for Depression-Coordinating Center
Sponsor: NIH/NIMH Budget Dates: 06/01/05 - 05/31/06 Direct: $407,571
Award: 5 R01 MH069887-02 (03021403) Project Dates: 09/29/04 - 05/31/08 F & A: $86,610

Optimization of TMS-Clinical Center Grant
Sponsor: NIH/NIMH Budget Dates: 06/01/05 - 05/31/06 Direct: $236,639
Award: 5 R01 MH069896-02 (03110301) Project Dates: 09/15/04 - 05/31/08 F & A: $91,861

Sponsor: Cyberonics, Inc. Budget Dates: 10/07/05 - 09/01/06 Direct: $12,000
Award: ASTM F 2182-02a (05102070) Project Dates: 10/07/05 - 09/01/06 F & A: $3,000

MUSC/USC Brain Imaging Center of Economic Excellence Support Grant
Sponsor: USC Research Foundation Budget Dates: 04/01/05 - 09/30/06 Direct: $66,872
Award: (06030841) Project Dates: 04/01/05 - 09/30/06 F & A: $0

The Use of Motor Cortex Transcranial Magnetic Stimulation (TMS) to Measure Changes in Cortical Excitability Caused by Different Doses of JZP-4 in Healthy Volunteers
Sponsor: Jazz Pharmaceuticals Budget Dates: 03/01/06 - 02/28/07 Direct: $175,099
Award: 06-002 (06042074) Project Dates: 03/01/06 - 02/28/07 F & A: $43,775

MUSC Task Order Number 0022
Sponsor: SC Research Authority Budget Dates: 05/14/05 - 05/13/07 Direct: $65,075
Award: (06061679) Project Dates: 05/14/05 - 05/13/07 F & A: $0

Brain Imaging Center of Excellence: Endowed Professorships
Sponsor: SC Research Centers of Economic Excellence Budget Dates: 04/20/05 - 06/30/06 Direct: $500,000
Award: (06062505) Project Dates: 04/20/05 - 06/30/06 F & A: $0

Gray, Kevin
Co-Investigator
Treatment-Resistant Depression Registry
Pl: Ziad Nahas Sponsor: Cyberonics, Inc. Total: $ 98,400
Dept: Psychiatry and Behavioral Sciences Award: (05092856-1)

VNS Effects on Pain Perception and Auditory Evoked Potentials as Predictors of Clinical Response in Adults Receiving VNS for Depression
Pl: Jeffrey Borckardt Sponsor: Cyberonics, Inc. Total: $ 94,000
Dept: Psychiatry and Behavioral Sciences Award: (05092979-1)

Hamner, Mark
Principal Investigator
Resperidone Treatment for Refractory Post Traumatic Stress Disorder
Sponsor: VAMC Budget Dates: 06/19/06 - 02/28/07 Direct: $37,500
Award: 06062407 Project Dates: 06/19/06 - 02/28/08 F & A: $0

102 Annual Report for Research FY2006
A Placebo-Controlled Trial of Adjunctive Quetiapine for Refractory PTSD  
**Sponsor:** VAMC  
**Budget Dates:** 10/01/05 - 09/30/06  
**Direct:** $103,700

**Hanson, Rochelle**  
**Principal Investigator**  
**Treat Child Sexual Abuse: Effectiveness Pilot Study**  
**Sponsor:** NIH/NIMH  
**Budget Dates:** 03/01/06 - 02/28/07  
**Direct:** $132,468  
**Award:** 5 R34 MH071266-02 (04062917)  
**Project Dates:** 04/01/05 - 02/29/08  
**F & A:** $60,936

**Co-Investigator**  
**Youth Violence Exposure: A National Longitudinal Survey**  
**PI:** Dean Kilpatrick  
**Sponsor:** NIH/NICHD  
**Total:** $380,992  
**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 5 R01 HD046830-02 (05041513-1)

**Service Systems Models Intervention Development and Evaluation Center (SSM)**  
**PI:** Benjamin Saunders  
**Sponsor:** SAMHSA  
**Total:** $561,221  
**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 5 U56 SM56070-03 (05070682-1)

**Haynes, Louise**  
**Co-Investigator**  
**South Carolina Consortium of the Clinical Trials Network**  
**PI:** Kathleen Brady  
**Sponsor:** NIH/NIDA  
**Total:** $917,718  
**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 2 U10 DA013727-06 (04101101-1)

**Henggeler, Scott**  
**Principal Investigator**  
**Substance Abusing Delinquents: 5-Year Outcomes of RCT**  
**Sponsor:** NIH/NIDA  
**Budget Dates:** 09/01/05 - 08/31/06  
**Direct:** $302,605  
**Award:** 5 R01 DA103066-07 (03012110)  
**Project Dates:** 09/30/09 - 08/31/09  
**F & A:** $139,198

**Adoption and Implementation of Adolescent EBT State-Wide**  
**Sponsor:** NIH/NIDA  
**Budget Dates:** 09/01/05 - 08/31/07  
**Direct:** $332,681  
**Award:** 5 R01 DA107487-03 (04062906)  
**Project Dates:** 09/30/03 - 08/31/07  
**F & A:** $135,977

**Blue Sky Project and Building Stronger Families Project**  
**Sponsor:** Annie E. Casey Fdn.  
**Budget Dates:** 03/31/05 - 02/28/06  
**Direct:** $274,895  
**Award:** 96.2013 (04113027)  
**Project Dates:** 03/31/05 - 02/28/06  
**F & A:** $0

**Effectiveness Trial: MST with Juvenile Offenders**  
**Sponsor:** NIH/NIMH  
**Budget Dates:** 03/01/06 - 02/28/07  
**Direct:** $539,558  
**Award:** 5 R01 MH085414-04 (05011250)  
**Project Dates:** 03/14/03 - 02/29/08  
**F & A:** $140,814

**Hiott, D.**  
**Co-PI/Project Leader**  
**An 8-Week, Open-Label Study to Characterize the Response to Modafinil (85-mg Film-Coated Tablet) Treatment at Dosages Up to 425 mg/day in Children and Adolescents with Attention-Deficit/Hyperactivity Disorder (ADHD) (with an Open-Ended Extention Period)**  
**PI:** Himanshu Upadhyaya  
**Sponsor:** Cephalon, Inc.  
**Total:** $93,564  
**Dept:** Psychiatry and Behavioral Sciences  
**Award:** C1538/3044/AD/US (05092351-1)

**Combined Pharmac/oBehavior Therapy in Adolescent Smokers**  
**PI:** Himanshu Upadhyaya  
**Sponsor:** NIH/NIDA  
**Total:** $225,000  
**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 5 R01 DA107460-0 (05042863-1)

**A Double-Blind, Placebo-Controlled Study Evaluating the Safety and Efficacy of Campral in Maintaining Abstinence in Adolescent Patients with Alcohol Dependence**  
**PI:** Deborah Deas  
**Sponsor:** Forest Labs, Inc.  
**Total:** $82,320  
**Dept:** Psychiatry and Behavioral Sciences  
**Award:** CAM-MD-01 (06010985-1)

**Killeen, Therese**  
**Co-Investigator**  
**South Carolina Consortium of the Clinical Trials Network**  
**PI:** Kathleen Brady  
**Sponsor:** NIH/NIDA  
**Total:** $917,718  
**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 2 U10 DA013727-06 (04101101-1)

**Atomoxetine Treatment for ADHD and Marijuana Dependence**  
**PI:** Aimee McRae  
**Sponsor:** NIH/NIDA  
**Total:** $125,000  
**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 1 R21 DA018221-01A1 (04102602-1)
Kilpatrick, Dean  
Principal Investigator  
**Graduate Psychology Education Programs: Internship Training in Health and Community Psychology**  
Sponsor: HRSA/BHP/Medicine  
Award: 5 D40 HP00017-04-00 (03121203)  
Budget Dates: 05/01/06 - 04/30/07  
Direct: $74,007  
F & A: $5,921  

**Disaster Research Education and Mentoring Center (DREM)**  
Sponsor: NIH/NIMH  
Award: 5 R25 MH070552-03 (04120773)  
Budget Dates: 04/14/04 - 12/31/06  
Direct: $249,676  
F & A: $9,974  

**Child and Adult Trauma Victims: A Training Program**  
Sponsor: NIH/NIMH  
Award: 5 T32 MH018869-18 (05031594)  
Budget Dates: 01/01/06 - 12/31/06  
Direct: $215,886  
F & A: $15,711  

**Youth Violence Exposure: A National Longitudinal Survey**  
Sponsor: NIH/NICHD  
Award: 5 R01 HD046830-02 (05041513)  
Budget Dates: 04/14/04 - 12/31/06  
Direct: $380,992  
F & A: $38,417  

**Drug-Facilitated, Incapacitated, and Forceable Rape: A National Study of Prevalence and Case Characteristics among College Students and Other Young Women**  
Sponsor: Department of Justice  
Award: 2005-WG-BX-0006 (05041814)  
Budget Dates: 10/01/05 - 09/30/06  
Direct: $398,484  
F & A: $49,312  

Kmett Danielson, Carla  
Principal Investigator  
**Strengthening the Partnership between CACs and Schools: A Pilot Project Examining the School Adjustment of Sexually Abused Children**  
Sponsor: Lowcountry Childrens Center  
Award: (06041254)  
Budget Dates: 01/01/06 - 12/31/06  
Direct: $20,437  
F & A: $0  

Kozel, Frank  
Principal Investigator  
**Using BOLD fMRI to Detect Deception and Better Understand the Polygraph: Current Knowledge and a Focused, Applied Research Agenda**  
Sponsor: DOD  
Award: W74V8H-04-1-0010 (04060703)  
Budget Dates: 09/01/06 - 08/31/06  
Direct: $136,879  
F & A: $62,964  

Latham, Patricia  
Principal Investigator  
**Cost-Effectiveness of Alcohol Treatment**  
Sponsor: Research Triangle Inst.  
Award: 3-48U-7901 (01110701)  
Budget Dates: 08/02/00 - 07/31/07  
Direct: $16,240  
F & A: $6,983  

Co-Investigator  
**A Placebo-Controlled Study of Prometa Protocol in Treatment of Alcohol Dependence**  
Pl: Raymond Anton, Jr.  
Sponsor: Hythiam, Inc.  
Total: $619,566  
Dept: Psychiatry and Behavioral Sciences  
Award: (05102067-1)  

Letourneau, Elizabeth  
Principal Investigator  
**Preventing Sexual Violence: Does Sex Offender Registration and Notification Work?**  
Sponsor: CDC  
Award: 1 R49 CE000567-01 (05013181)  
Budget Dates: 09/01/05 - 08/31/06  
Direct: $203,224  
F & A: $93,483  

Li, Xingbao  
Co-PI/Project Leader  
**The Use of Motor Cortex Transcranial Magnetic Stimulation (TMS) to Measure Changes in Cortical Excitability Caused by Different Doses of JZP-4 in Healthy Volunteers**  
Pl: Mark George  
Sponsor: Jazz Pharmaceuticals  
Total: $173,266  
Dept: Psychiatry and Behavioral Sciences  
Award: 06-002 (06042074-1)  

Magruder, Kathryn  
Principal Investigator  
**Depression, Pain, and Diabetic Neuropathy, Secondary Analysis**  
Sponsor: Eli Lilly  
Award: (05070895)  
Budget Dates: 07/19/05 - 06/30/07  
Direct: $85,956  
F & A: $21,489  

Malcolm, Jr., Robert  
Principal Investigator  
**A Controlled Trial of NAC for Cocaine Dependence**  
Sponsor: NIH/NIDA  
Award: 1 R91 DA019903-01 (04092905)  
Budget Dates: 08/15/05 - 05/31/06  
Direct: $611,216  
F & A: $248,510
## CBT and Modafinil for Cocaine Addiction
- **Sponsor:** NIH/NIDA
- **Budget Dates:** 07/01/05 - 06/30/06
- **Direct:** $305,282
- **Grant:** 5 R01 DA016368-03 (05042865)

## Alcohol Research Center-Treatment and Implications-Research Component 3
- **PI:** Carrie Randall
- **Sponsor:** NIH/NIAAA
- **Budget Dates:** 07/01/05 - 06/30/06
- **Direct:** $119,696
- **Total:** $103,083

## A Placebo-Controlled Study of Prometa Protocol in Treatment of Alcohol Dependence
- **PI:** Raymond Anton, Jr.
- **Sponsor:** Hythiam, Inc.
- **Budget Dates:** 07/01/05 - 06/30/06
- **Direct:** $125,000
- **Total:** $619,566

## ORWH: SCOR on Sex and Gender Factors Affecting Women's Health-Project #2
- **PI:** Kathleen Brady
- **Sponsor:** NIH/NIDA
- **Budget Dates:** 07/01/05 - 06/30/06
- **Direct:** $134,434
- **Total:** $165,972

## Dual-Hit Hypothesis of Aging-Related DA Dysfunction-Core A: Administrative Core
- **PI:** Ann-Charlotte Granholm
- **Sponsor:** NIH/NIAAA
- **Budget Dates:** 07/01/05 - 06/30/06
- **Direct:** $75,009
- **Total:** $75,009

## Dual-Hit Hypothesis of Aging-Related DA Dysfunction-Project 1: GDNF and BDNF Effects on Aged Dopamine Neurons
- **PI:** Ann-Charlotte Granholm
- **Sponsor:** NIH/NIAAA
- **Budget Dates:** 07/01/05 - 06/30/06
- **Direct:** $96,784
- **Total:** $96,784

## P-Glycoprotein and Disposition of Psychostimulants
- **PI:** John Markowitz
- **Sponsor:** NIH/NICHD
- **Budget Dates:** 07/01/05 - 06/30/06
- **Direct:** $125,000
- **Total:** $125,000

## Adoption of Pharmacotherapy in Alcoholism Treatment
- **Sponsor:** NIH/NIAAA
- **Budget Dates:** 07/01/05 - 06/30/06
- **Direct:** $118,750
- **Total:** $118,750

## Facilitating Alcohol Screening of Hypertensive Patients
- **Sponsor:** NIH/NIAAA
- **Budget Dates:** 07/01/05 - 06/30/06
- **Direct:** $245,257
- **Total:** $245,257

## A Randomized, Double-Blind, Placebo-Controlled Evaluation of the Safety and Efficacy of Memantine in Patients with Mild to Moderate Dementia of the Alzheimer's Type MEM-MD-12
- **Sponsor:** Forest Labs, Inc.
- **Budget Dates:** 07/01/05 - 06/30/06
- **Direct:** $4,567
- **Total:** $4,567
### Antipsychotic Discontinuation in Alzheimer's Disease
**Sponsor:** Research Fdn. For Mental Hygiene  
**Budget Dates:** 09/30/03 - 08/31/06  
**Direct:** $104,866

### An Evaluation of the Long-Term Safety and Efficacy of Neramexane in Patients with Moderate to Severe Dementia of the Alzheimer’s Type
**Sponsor:** Forest Research Institute  
**Budget Dates:** 10/23/03 - 12/31/06  
**Direct:** $895

### A Double-Blind, Phase II, Safety and Efficacy Evaluation of ONO-2506PO in Patients with Mild to Moderate Alzheimer's Disease
**Sponsor:** Pharmamet  
**Budget Dates:** 08/05/04 - 12/31/06  
**Direct:** $17,857

### Depression in Alzheimer’s Disease Study 2 (DIADS-2)
**Sponsor:** NIH/NIMH  
**Budget Dates:** 03/01/06 - 02/28/07  
**Direct:** $48,804

### Institute for Minority Research on Mental Health and Aging (IRMMA)
**Sponsor:** NIH/NIA  
**Budget Dates:** 05/01/06 - 04/30/07  
**Direct:** $205,974

### Phase 3, Multi-Center, Randomized, Double-Blind, Placebo-Controlled Study of the Effect of Daily Treatment with MPC-7869 on Measures of Cognitive Global Function in Subjects with Mild to Moderate Dementia of the Alzheimer’s Type
**Sponsor:** PPD Development  
**Budget Dates:** 07/11/05 - 03/14/07  
**Direct:** $106,490

### Alzheimer’s Disease Neuroimaging Initiative
**Sponsor:** Univ. of California, San Diego  
**Budget Dates:** 06/21/05 - 06/21/09  
**Direct:** $284,135

### A Double-Blind, Randomized, Placebo-Controlled Study of the Efficacy, Safety and Tolerability of 8-Week Treatment of Rozerem 8mg (QHS) in Sleep Disturbed, Community Dwelling, Mild to Moderately Severe Alzheimer’s Disease Subjects (01-05-TL-375-061)
**Sponsor:** Hythiam, Inc.  
**Budget Dates:** 04/24/06 - 06/30/07  
**Direct:** $80,000

### (ELN-AIP-901) A Longitudinal Study of Cognitive and Functional Abilities of Subjects with Either Mild to Moderate Alzheimer’s Disease, Mild Cognitive Impairment, or Normal Cognition Using a Neuropsychological Test Battery (NTB)
**Sponsor:** PPD Development  
**Budget Dates:** 04/24/06 - 06/30/07  
**Direct:** $72,992

### An Open-Label, Extension of the Phase III Study CL-758007 Alzheimed in Patients with Alzheimers Disease
**Sponsor:** Neurochem, Inc.  
**Budget Dates:** 05/04/06 - 12/31/07  
**Direct:** $37,936

### A 28-Week, Open-Label, Extension Study Evaluating the Safety and Tolerability of Donepezil Hdyochloride (E2020) in Subjects with Mild Cognitive Impairment
**Sponsor:** Parexel Intl. Corp.  
**Budget Dates:** 05/20/06 - 12/31/07  
**Direct:** $14,083

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**Myrick, Donald**

**Principal Investigator**

**Acamprosate and fMRI: Testing a Therapeutic Mode of Action**
**Sponsor:** Forest Labs, Inc.  
**Budget Dates:** 11/01/05 - 11/01/06  
**Direct:** $124,524

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**Co-PI/Project Leader**

**Alcohol Research Center-Treatment and Implications-Research Component 3**
**PI:** Carrie Randall  
**Sponsor:** NIH/NIAAA  
**Total:** $103,083

**A Placebo-Controlled Study of Prometa Protocol in Treatment of Alcohol Dependence**
**PI:** Raymond Anton, Jr.  
**Sponsor:** Hythiam, Inc.  
**Total:** $619,566

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**Co-Investigator**

**A Controlled Trial of NAC for Cocaine Dependence**
**PI:** Robert Malcolm, Jr.  
**Sponsor:** NIH/NIDA  
**Total:** $296,210
Alcohol Research Center-Treatment and Implications-Research Component 1
PI: Carrie Randall
Sponsor: NIH/NIAAA
Total: $152,756
Dept: Psychiatry and Behavioral Sciences
Award: 2 P50 AA010761-11 (04120657-4)

CBT and Modafinil for Cocaine Addiction
PI: Robert Malcolm, Jr.
Sponsor: NIH/NIDA
Total: $305,282
Dept: Psychiatry and Behavioral Sciences
Award: 5 R01 DA016368-03 (05042865-1)

Nahas, Ziad
Principal Investigator
Neuronetics Multi-Center Trial: Protocol Numbers:44-01101-000, 44-01102, and 44-0110300
Sponsor: Sanofi Synthelabo, Inc.
Budget Dates: 12/01/03 - 12/31/06
Direct: $11,155
Award: (03100903)
Project Dates: 12/01/03 - 12/31/06
F & A: 2,789

Training in Deep Brain Stimulation (DBS) and Rodent Antidepressant-Screen Models
Sponsor: NIH/NIMH
Budget Dates: 07/01/05 - 06/30/06
Direct: $163,940
Award: 1 K08 MH070615-01A1 (04022617)
Project Dates: 07/01/05 - 06/30/09
F & A: 12,539

Treatment-Resistant Depression Registry
Sponsor: Cyberonics, Inc.
Budget Dates: 09/13/05 - 09/12/10
Direct: $98,400
Award: (05092656)
Project Dates: 09/13/05 - 09/12/10
F & A: 24,600

O'Neil, Patrick
Principal Investigator
A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Fixed-Dose, Multi-Center Study to Assess Efficacy and Safety of Rimonabant 20mg Versus Placebo on Weight Loss and Frequency of Binge Episodes In Obese Patients with Food Craving
Sponsor: Orexigen Therapeutics
Budget Dates: 07/22/04 - 06/30/06
Direct: $39,458
Award: ACT3 3801 (04071609)
Project Dates: 07/22/04 - 06/30/06
F & A: 9,864

South Carolina Nutrition Research Consortium Project Management and Outreach
Sponsor: SC Research Authority
Budget Dates: 07/25/05 - 01/25/06
Direct: $418,933
Award: 20030549 Task 007 (04080402)
Project Dates: 07/26/04 - 01/25/06
F & A: 0

A 2-Year (1-Year Weight Loss Followed by 1-Year Prevention of Weight Regain) to Assess the Safety, Tolerability and Efficacy of L-000899055 in Obese Patients
Sponsor: Merck
Budget Dates: 05/16/06 - 12/27/07
Direct: $242,500
Award: ZB-201 (06042802)
Project Dates: 05/16/06 - 12/27/07
F & A: 60,625

Olive, Michael
Principal Investigator
Control of Ethanol Intake by mGluR5-PKCe Pathway
Sponsor: NIH/NIAAA
Budget Dates: 04/01/05 - 01/31/06
Direct: $233,162
Award: 5 R01 AA13852-02 (05011359)
Project Dates: 02/01/03 - 01/31/08
F & A: 107,254

Taurine Regulation of Alcohol-Seeking Behavior
Sponsor: NIH/NIAAA
Budget Dates: 02/01/05 - 04/30/06
Direct: $4,879
Award: 5 R21 AA13276-03 (05011360)
Project Dates: 05/01/02 - 04/30/06
F & A: 2,244

Ethanol and Central Opioid Peptide Release
Sponsor: Alcoholic Bev. Medical Research Fnd.
Budget Dates: 01/01/06 - 12/31/06
Direct: $43,478
Award: (05082984)
Project Dates: 01/01/06 - 12/31/07
F & A: 6,522

Co-Investigator
Alcohol Research Center-Treatment and Implications - Pilot Core
PI: Carrie Randall
Sponsor: NIH/NIAAA
Total: $63,311
Dept: Psychiatry and Behavioral Sciences
Award: 2 P50 AA010761-11 (04120657-9)

Neurobiology of Addiction Research Center: Core C
PI: Peter Kalivas
Sponsor: NIH/NIDA
Total: $93,436
Dept: Neurosciences
Award: 5 P50 DA015369-04 (06060748-4)
Randall, Carrie

**Principal Investigator**

**Mentoring and Career Development in Alcohol Research**

- **Sponsor:** NIH/NIAAA
- **Budget Dates:** 09/01/05 - 08/31/06
- **Direct:** $125,865
- **Award:** 5 K24 AA013314-05 (04061604)

**Alcohol Research Center-Treatment and Implications**

- **Sponsor:** NIH/NIAAA
- **Budget Dates:** 12/01/05 - 11/30/06
- **Direct:** $1,236,729
- **Award:** 2 P50 AA010761-11 (04120657)

Randall, Jeff

**Principal Investigator**

**Implementing an Adaption of MST with Youth Needing Psychiatric Services**

- **Sponsor:** MST Group, LLC
- **Budget Dates:** 10/01/05 - 06/30/06
- **Direct:** $32,280
- **Award:** (05101140)

Randall, Patrick

**Co-Investigator**

- **Alcohol Research Center-Treatment and Implications-Research Component 1**
  - **PI:** Carrie Randall
  - **Sponsor:** NIH/NIAAA
  - **Dept:** Psychiatry and Behavioral Sciences
  - **Award:** 2 P50 AA010761-11 (04120657-4)
  - **Total:** $152,756

- **Alcohol Research Center-Treatment and Implications-Research Component 2**
  - **PI:** Carrie Randall
  - **Sponsor:** NIH/NIAAA
  - **Dept:** Psychiatry and Behavioral Sciences
  - **Award:** 2 P50 AA010761-11 (04120657-5)
  - **Total:** $165,710

- **Alcohol Research Center-Treatment and Implications-Research Component 3**
  - **PI:** Carrie Randall
  - **Sponsor:** NIH/NIAAA
  - **Dept:** Psychiatry and Behavioral Sciences
  - **Award:** 2 P50 AA010761-11 (04120657-6)
  - **Total:** $103,083

- **Alcohol Research Center-Treatment and Implications-Research Component 5**
  - **PI:** Carrie Randall
  - **Sponsor:** NIH/NIAAA
  - **Dept:** Psychiatry and Behavioral Sciences
  - **Award:** 2 P50 AA010761-11 (04120657-8)
  - **Total:** $92,861

- **Alcohol Research Center-Treatment and Implications - Pilot Core**
  - **PI:** Carrie Randall
  - **Sponsor:** NIH/NIAAA
  - **Dept:** Psychiatry and Behavioral Sciences
  - **Award:** 2 P50 AA010761-11 (04120657-9)
  - **Total:** $63,311

Resnick, Heidi

**Co-Investigator**

**Youth Violence Exposure: A National Longitudinal Survey**

- **PI:** Dean Kilpatrick
- **Sponsor:** NIH/NICHD
- **Dept:** Psychiatry and Behavioral Sciences
- **Award:** 5 R01 HD046830-02 (05041513-1)
- **Total:** $380,992

Rheingold, Alyssa

**Principal Investigator**

**Specialized Services for Homicide Survivors**

- **Sponsor:** SC Dept. of Public Safety
- **Budget Dates:** 04/01/06 - 03/31/07
- **Direct:** $42,326
- **Award:** 1V06068 (05120608)

**Co-PI/Project Leader**

**Coordinating Services for Child Sexual Assault**

- **PI:** Michael De Arellano
- **Sponsor:** SC Dept. of Public Safety
- **Dept:** Psychiatry and Behavioral Sciences
- **Award:** 1V06067 (05120607-1)
- **Total:** $67,498

Ricci, Raffaella

**Co-PI/Project Leader**

**MUSC/USC Brain Imaging Center of Economic Excellence Support Grant**

- **PI:** Mark George
- **Sponsor:** USC Research Foundation
- **Dept:** Psychiatry and Behavioral Sciences
- **Award:** (06030841-1)
- **Total:** $66,872

Rowland, Melissa

**Principal Investigator**

**CRA for Substance Abusing Caregivers of Delinquent Youth**

- **Sponsor:** NIH/NIDA
- **Budget Dates:** 07/01/05 - 06/30/07
- **Direct:** $150,000
- **Award:** 5 R21 DA017927-02 (05051713)

Ruggiero, Kenneth

**Co-Investigator**

**Youth Violence Exposure: A National Longitudinal Survey**

- **PI:** Dean Kilpatrick
- **Sponsor:** NIH/NICHD
- **Dept:** Psychiatry and Behavioral Sciences
- **Award:** 5 R01 HD046830-02 (05041513-1)
- **Total:** $380,992
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<td>Co-PI/Project Leader</td>
<td>SC Cooperative for Healthy Aging in Minority Populations - Core D: Investigator Development Core</td>
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<td>08/01/05 - 07/31/06</td>
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<td>Santino, Alberto</td>
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<td>Schizophrenia Liability Genes among African Americans</td>
<td>NIH/NIMH</td>
<td>09/30/05 - 09/29/06</td>
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<td>Service Systems Models Intervention Development and Evaluation Center (SSM)</td>
<td>SAMHSA</td>
<td>03/01/05 - 02/28/07</td>
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<td>Schoenwald, Sonja</td>
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<td>Linking Science and Practice to Improve Youth Mental Health Care: II Evidenced-Based Practice in Clinics and Systems</td>
<td>Judge Baker Childrens Center</td>
<td>05/030758</td>
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<td>Mentored Patient-Oriented Research Career Development</td>
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<td>Youth Violence Exposure: A National Longitudinal Survey</td>
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<td>Sonne, Susan</td>
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<td>The Use of Acamprosate in Alcohol Dependent Individuals with Cormorbid Anxiety and Depressive Disorders</td>
<td>Forest Labs, Inc.</td>
<td>01/25/06 - 01/24/10</td>
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Swenson, Cynthia  
**Principal Investigator**  
**MST Model with a Child Maltreatment**  
Sponsor: MST Group, LLC  
Award: (04030311)  
Budget Dates: 02/01/04 - 06/30/07  
Direct: $ 62,467  
F & A: 15,616

Thomas, Suzanne  
**Co-PI/Project Leader**  
Alcohol Research Center-Treatment and Implications-Shared Core  
PI: Carrie Randall  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIAAA  
Budget Dates: 02/01/04 - 06/30/07  
Direct: $ 225,000  
F & A: 103,500

Upadhyaya, Himanshu  
**Principal Investigator**  
**Atomoxetine in Adolescents with Comorbid ADHD and Nicotine Dependence: A Pilot Study**  
Sponsor: Eli Lilly  
Award: BA2-US-X015 (04062303)  
Budget Dates: 08/01/04 - 07/31/07  
Direct: $ 24,398  
F & A: 6,099

Wagner, Janelle  
**Principal Investigator**  
**A Learned Hopelessness Model of Depression in Children and Adolescents with Epilepsy**  
Sponsor: Epilepsy Fdn.  
Award: (05101860)  
Budget Dates: 04/01/06 - 03/31/07  
Direct: $ 35,000  
F & A: 0

Waldrop, Angela  
**Principal Investigator**  
**Impulsivity Related to Cocaine Dependence and Trauma**  
Sponsor: NIH/NIDA  
Award: 1 K23 DA018718-01A1 (05062952)  
Budget Dates: 09/01/05 - 08/31/06  
Direct: $ 123,801  
F & A: 9,872
**Radiation Oncology**

**Gattoni-Celli, Sebastiano**  
Co-PI/Project Leader  
Translational Research on Cancer Control and Related Therapy: Prostate Cancer: Proteomics in African-Americans  
PI: Andrew Kraft  
Sponsor: Science Applications Int'l Cor  
Total: $50,000  
Dept: Medicine  
Award: GC-3319-05-44598CM (05110129-7)

**Jenrette, Joseph**  
Principal Investigator  
Radiation Therapy Oncology Group Protocol: A Phase III Trial for Locally Recurrent, Previously Irradiated Head and Neck Cancer: Concurrent Re-Irradiation and Chemotherapy vs Chemotherapy Alone  
Sponsor: Amer. Coll. of Radiology  
Budget Dates: 07/25/05 - 12/31/07  
Direct: $26,087  
Project Dates: 07/25/05 - 12/31/07  
F & A: 3,913  
Dept: Radiation Oncology  
Award: U10 CA21661 (05050587-7)

**Sharma, Anand**  
Principal Investigator  
A Phase I/II Clinical Study to Determine the Maximum Tolerated Dose (MTD), Preliminary Safety, Efficacy, and PK Profile of HMPL-002 When Concurrently Administered with Standard Radiotherapy in Patients with Inoperable Locally Advanced Head and Neck Cancer  
Sponsor: PPD Development  
Budget Dates: 11/30/05 - 11/30/07  
Direct: $79,515  
Project Dates: 11/30/05 - 11/30/07  
F & A: 19,879  
Dept: Radiation Oncology  
Award: HMPL-002 (05120709)

**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: 07/01/05 - 06/30/06  
Direct: $102,030  
Project Dates: 07/01/05 - 06/30/06  
F & A: 25,508  
Dept: Radiology  
Award: (03100204)

**Conway, William**  
Principal Investigator  
ACRIN Trials  
Sponsor: Amer. Coll. of Radiology  
Budget Dates: 01/01/06 - 12/31/10  
Direct: $189,600  
Project Dates: 01/01/06 - 12/31/10  
F & A: 47,400  
Dept: Radiology  
Award: CA80098 (02091903)

**Denslow, Stewart**  
Principal Investigator  
MUSC-SCRA Master Interagency Cooperative Project Agreement Dated September 1, 2002, Task Order Number 0017  
Sponsor: SC Research Authority  
Budget Dates: 07/01/05 - 06/30/06  
Direct: $69,120  
Project Dates: 07/01/05 - 06/30/06  
F & A: 0  
Dept: Radiology  
Award: Task Order #0017 (05070889)

**Frey, G.**  
Principal Investigator  
Magnetic Resonance Phantom Testing and Evaluation Services  
Sponsor: Amer. Coll. of Radiology  
Budget Dates: 04/01/05 - 09/30/06  
Direct: $12,160  
Project Dates: 04/01/05 - 09/30/06  
F & A: 3,040  
Dept: Radiology  
Award: (01031913)

**Gordon, Leonie**  
Principal Investigator  
A Phase III, Open-Label, Multi-Center Trial to Determine the Dosimetry and Safety of Technetium Tc99m Sestamibi in Pediatric Subjects  
Sponsor: Bristol Myers Squibb  
Budget Dates: 01/31/06 - 09/29/06  
Direct: $46,500  
Project Dates: 01/31/06 - 09/29/06  
F & A: 11,625  
Dept: Radiology  
Award: DuP 843-201 (05120710)

**Nguyen, Shaun**  
Co-PI/Project Leader  
Ultravist 370 mgI/ml: Safety and Efficacy in Computed Tomography of Head and Body  
PI: Uwe Schoepf  
Sponsor: Berlex Laboratories  
Total: $105,200  
Dept: Radiology  
Award: 309660 (05100619-1)
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<td>Co-PI/Project Leader</td>
<td>A Randomized, Multi-Center, Phase III Study of Taxane/Carboplatin/Cetuximab or Taxane/Carboplatin as First-Line Treatment for Patients with Advanced/Metastatic Non-Small Cell Lung Cancer</td>
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| Ravenel, James  | Co-PI/Project Leader         | Pl: Carol Sherman  
| Ravenel, James  | Co-PI/Project Leader         | Sponsor: PPD Development  
| Ravenel, James  | Co-PI/Project Leader         | Total: $ 64,600  
| Ravenel, James  | Co-PI/Project Leader         | Dept: Medicine  
| Ravenel, James  | Co-PI/Project Leader         | Award: CA225-099 (06041151-1) |
| Roberts, Donna  | Principal Investigator        | Human Cerebral Cortex Plasticity in Response to Long-term Bedrest as an Analog to Microgravity |
| Roberts, Donna  | Principal Investigator        | Sponsor: NASA  
| Roberts, Donna  | Principal Investigator        | Budget Dates: 03/01/05 - 08/30/06  
| Roberts, Donna  | Principal Investigator        | Direct: $ 126,271  
| Roberts, Donna  | Principal Investigator        | F & A: 38,918  
| Schoepf, Uwe    | Principal Investigator        | A Prospective Study of the MEDRAD Dualflow Power Injector Algorithm System |
| Schoepf, Uwe    | Principal Investigator        | Sponsor: Medrad, Inc.  
| Schoepf, Uwe    | Principal Investigator        | Budget Dates: 09/22/05 - 12/31/05  
| Schoepf, Uwe    | Principal Investigator        | Direct: $ 24,000  
| Schoepf, Uwe    | Principal Investigator        | F & A: 6,000  
| Schoepf, Uwe    | Principal Investigator        | Ultravist 370 mg/l/ml: Safety and Efficacy in Computed Tomography of Head and Body |
| Schoepf, Uwe    | Principal Investigator        | Sponsor: Berlex Laboratories  
| Schoepf, Uwe    | Principal Investigator        | Budget Dates: 10/11/05 - 04/10/07  
| Schoepf, Uwe    | Principal Investigator        | Direct: $ 105,200  
| Schoepf, Uwe    | Principal Investigator        | F & A: 26,300  
| Schoepf, Uwe    | Principal Investigator        | Extravasation Detector Customer Evaluation Trial |
| Schoepf, Uwe    | Principal Investigator        | Sponsor: Medrad, Inc.  
| Schoepf, Uwe    | Principal Investigator        | Budget Dates: 12/13/05 - 10/31/07  
| Schoepf, Uwe    | Principal Investigator        | Direct: $ 45,968  
| Schoepf, Uwe    | Principal Investigator        | F & A: 11,491  
| Schoepf, Uwe    | Principal Investigator        | Patient-Based Optimization of Contrast Material Delivery at CT Coronary Angiography |
| Schoepf, Uwe    | Principal Investigator        | Sponsor: Berlex Laboratories  
| Schoepf, Uwe    | Principal Investigator        | Budget Dates: 12/13/05 - 12/31/06  
| Schoepf, Uwe    | Principal Investigator        | Direct: $ 25,000  
| Schoepf, Uwe    | Principal Investigator        | F & A: 5,000  
| Schoepf, Uwe    | Principal Investigator        | A Study of Myocardial Perfusion and Coronary Anatomy Imaging Roles in CAD (SPARC) |
| Schoepf, Uwe    | Principal Investigator        | Sponsor: Brigham and Womens Hospital  
| Schoepf, Uwe    | Principal Investigator        | Budget Dates: 02/15/06 - 02/15/07  
| Schoepf, Uwe    | Principal Investigator        | Direct: $ 53,500  
| Schoepf, Uwe    | Principal Investigator        | F & A: 13,375  
| Schonholz, Claudio | Principal Investigator      | The Embolic Protection with Reverse Flow (EMPiRE) Study of the Gore Neuro Protection System in Carotid Stenting of Patients at High Risk for Carotid Endarterectomy |
| Schonholz, Claudio | Principal Investigator      | Sponsor: W.L. Gore and Associates, Inc.  
| Schonholz, Claudio | Principal Investigator      | Budget Dates: 06/13/06 - 06/12/07  
| Schonholz, Claudio | Principal Investigator      | Direct: $ 15,322  
| Schonholz, Claudio | Principal Investigator      | F & A: 3,831  
| Spicer, Kenneth  | Principal Investigator        | A Multi-Center, Randomized, Phase 3 Study of Iodine I-131 Tositumomab Therapeutic Regimen versus Ibritumomab Tiuxetan Therapeutic Regimen for Subjects with Relapsed or Transformed Follicular Non-Hodgkin’s Lymphoma |
| Spicer, Kenneth  | Principal Investigator        | Sponsor: GlaxoSmithKline  
| Spicer, Kenneth  | Principal Investigator        | Budget Dates: 01/01/06 - 01/31/18  
| Spicer, Kenneth  | Principal Investigator        | Direct: $ 63,916  
| Spicer, Kenneth  | Principal Investigator        | F & A: 15,979  
| Uflacker, Renan  | Principal Investigator        | Evaluation of the Enchance TALENT LPS Stent Graft System for the Treatment of Abdominal Aortic Aneurysms |
| Uflacker, Renan  | Principal Investigator        | Sponsor: Medtronic, Inc.  
| Uflacker, Renan  | Principal Investigator        | Budget Dates: 01/28/02 - 12/31/10  
| Uflacker, Renan  | Principal Investigator        | Direct: $ 480  
| Uflacker, Renan  | Principal Investigator        | F & A: 120  
| Uflacker, Renan  | Principal Investigator        | Enhanced Sonothrombolysis (SonoLysis) of Peripheral Arterial Occlusions in Prosthetic Bypass Grafts |
| Uflacker, Renan  | Principal Investigator        | Sponsor: ImaRx Therapeutics  
| Uflacker, Renan  | Principal Investigator        | Budget Dates: 08/15/05 - 08/14/06  
| Uflacker, Renan  | Principal Investigator        | Direct: $ 30,006  
| Uflacker, Renan  | Principal Investigator        | F & A: 7,501  
| Uflacker, Renan  | Principal Investigator        | Intra-Muscular Use of Sphingosine-1-Phosphate and its Analogue (LCL199) for Angiogenesis in Rabbit Ischemic Hind Limb |
| Uflacker, Renan  | Principal Investigator        | Sponsor: Society of Interventional Radiology  
| Uflacker, Renan  | Principal Investigator        | Budget Dates: 12/01/05 - 07/01/07  
| Uflacker, Renan  | Principal Investigator        | Direct: $ 25,000  
| Uflacker, Renan  | Principal Investigator        | F & A: 0  

112 Annual Report for Research FY2006
The EXACT Study: Emboshield and Xact Post Approval Carotid Stent Trial
Sponsor: Abbott Vascular Devices
Budget Dates: 01/19/06 - 01/18/11
Direct: $ 31,500
F & A: $ 7,875

Co-PI/Project Leader
The Embolic Protection with Reverse Flow (EMPIRE) Study of the Gore Neuro Protection System in Carotid Stenting of Patients at High Risk for Carotid Endarterectomy
PI: Claudio Schonholz
Sponsor: W.L. Gore and Associates, Inc
Total: $ 15,322

Uflacker, Renan
Co-PI/Project Leader
Alzheimer’s Disease Neuroimaging Initiative
PI: Jacobo Mintzer
Sponsor: Univ. of California, San Diego
Total: $ 284,135

Vincent, Diana
Co-Investigator
A Program to Increase Living Donations in African Americans
PI: Prabhakar Baliga
Sponsor: NIH/NIDDK
Total: $ 150,000

Surgery
Baliga, Prabhakar
Principal Investigator
A Pilot Study Examining the Relationship between Biomarkers and Rejection and/or Calcineurin Inhibitor Toxicity (CI Tox) in Kidney Transplant Patients
Sponsor: Iconix Pharmaceuticals, Inc.
Budget Dates: 02/15/06 - 12/31/06
Direct: $ 79,500
F & A: $ 19,876

Chavin, Kenneth
Principal Investigator
A Phase II Study of Active Immunotherapy with Panvactm or Autologous, Cultured Dendritic Cells Infected with Panvactm after Complete Resection of Hepatic Metastases of Colorectal Carcinoma
Sponsor: Duke Univ.
Budget Dates: 03/03/06 - 06/30/09
Direct: $ 27,730
F & A: $ 12,756

Co-Investigator
A Program to Increase Living Donations in African Americans
PI: Prabhakar Baliga
Sponsor: NIH/NIDDK
Total: $ 150,000

Cole, David
Principal Investigator
A Phase III, Adjuvant Trial Comparing Three Chemotherapy Regimens in Women with Node Positive Breast Cancer Docetaxel/Doxorubicin/Cyclophosphamide (TAC); Dose-Dense (DD) Doxorubicin/Cyclophosphamide Followed by DD Paclitaxel (DDAC->P); DD AC Follow
Sponsor: NSABP
Budget Dates: 02/01/05 - 01/31/06
Direct: $ 5,604
F & A: $ 561

Alterating Post-Vaccination T Cell Contraction
Sponsor: NIH/NCI
Budget Dates: 07/01/05 - 04/30/06
Direct: $ 519,718
F & A: $ 239,070

A Phase II Study of Active Immunotherapy with Panvactm or Autologous, Cultured Dendritic Cells Infected with Panvactm after Complete Resection of Hepatic Metastases of Colorectal Carcinoma
Sponsor: Duke Univ.
Budget Dates: 03/03/06 - 06/30/09
Direct: $ 27,730
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<td>3F Aortic Bioprosthesis, Model 1000</td>
<td>3F Therapeutics</td>
<td>06/01/02 - 06/01/05</td>
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<td>DeRosimo, John</td>
<td>SWOG Protocol: Phase III, Randomized Trial of Perioperative Chemotherapy vs Preoperative Concurrent Chemotherapy Followed by Surgical Resection and Consolidation Chemotherapy in Favorable Prognosis Patients with Stage IIIA (N2) Pl: Robert Stuart Sponsor: Southwest Oncology Group Total: $ 10,846 Dept: Medicine Award: CA37429 &amp; CA32102 (02041501-2)</td>
<td>ERBE USA Incorporated</td>
<td>12/04/06 - 12/05/06</td>
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<td>Mikhitarian, Kaidi</td>
<td>Automated RNA Isolation and RT-PCR for Cancer Detection</td>
<td>Univ. of Pittsburgh</td>
<td>05/05/04 - 02/28/06</td>
<td>30,894</td>
<td>14,212</td>
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<td>Mitas, Michael</td>
<td>Detection of Occult Mediastinal Lymph Node Metastases</td>
<td>Mayo Clinic</td>
<td>01/01/03 - 12/31/07</td>
<td>37,200</td>
<td>9,300</td>
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<tr>
<td>Rajagopalan, P.</td>
<td>A One-Year, Multi-Center, Partially-Blinded, Randomized Study to Evaluate the Efficacy and Safety of FTY720 Combined with Reduced-Dose or Full-Dose Neoral and Corticosteroids Versus Mycophenolate Mofetil (MMF, CellCept) Combined with Full Dose Neoral and Corticosteroids in De Novo Adult Renal Transplant Recipients</td>
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<td>Crumbley, III, Arthur</td>
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<td>Ikonomidis, John</td>
<td>Extracellular Mechanisms for Thoracic Aortic Aneurysms</td>
<td>NIH/NHLBI</td>
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<td>Lin, Angello</td>
<td>Belatacept Evaluation of Nephroprotection and Efficacy as First-Line Immunosuppression Trial (BENEFIT)</td>
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<td>Lindsey, Merry</td>
<td>The Role of Macrophage-Derived MMPs in LV Remodeling</td>
<td>NIH/NHLBI</td>
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<td>Automated RNA Isolation and RT-PCR for Cancer Detection</td>
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<td>Mitas, Michael</td>
<td>Detection of Occult Mediastinal Lymph Node Metastases</td>
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<tr>
<td>Rajagopalan, P.</td>
<td>A One-Year, Multi-Center, Partially-Blinded, Randomized Study to Evaluate the Efficacy and Safety of FTY720 Combined with Reduced-Dose or Full-Dose Neoral and Corticosteroids Versus Mycophenolate Mofetil (MMF, CellCept) Combined with Full Dose Neoral and Corticosteroids in De Novo Adult Renal Transplant Recipients</td>
<td>Novartis Corp.</td>
<td>01/01/03 - 12/31/07</td>
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<td>Lin, Angello</td>
<td>Belatacept Evaluation of Nephroprotection and Efficacy as First-Line Immunosuppression Trial (BENEFIT)</td>
<td>Bristol Myers Squibb</td>
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<td>The Role of Macrophage-Derived MMPs in LV Remodeling</td>
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<td>Mitas, Michael</td>
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<td>A One-Year, Multi-Center, Partially-Blinded, Randomized Study to Evaluate the Efficacy and Safety of FTY720 Combined with Reduced-Dose or Full-Dose Neoral and Corticosteroids Versus Mycophenolate Mofetil (MMF, CellCept) Combined with Full Dose Neoral and Corticosteroids in De Novo Adult Renal Transplant Recipients</td>
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<td>A One-Year, Multi-Center, Partially-Blinded, Randomized Study to Evaluate the Efficacy and Safety of FTY720 Combined with Reduced-Dose or Full-Dose Neoral and Corticosteroids Versus Mycophenolate Mofetil (MMF, CellCept) Combined with Full Dose Neoral and Corticosteroids in De Novo Adult Renal Transplant Recipients</td>
<td>Novartis Corp.</td>
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<td>A Facilitated Access Program to Provide Everolimus (RAD) for Maintenance for Patients Completing Therapy in RAD Trials in Solid Organ Transplantation</td>
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<td>Gastro Esophageal Malignancy: Endowed Professorships</td>
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<td>Circulating Myeloid Suppressor Cells in Breast Cancer: Implications for Future Vaccine Development</td>
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<td>PreClinical Assessment of the Novel Peptide-Based Cancer Vaccine F2 gel/CEA/IL-12</td>
<td>Geo-Centers, Inc.</td>
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<td>Translational Research on Cancer Control and Related Therapy: Clinical Significance of Micrometastatic Disease in Early Stage NSCLC</td>
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<td>Imaging of MMP Activation and Myocardial Fiber Strains</td>
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<td>Protection of Ischemic Myocardium</td>
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<td>Evaluation of an Albumin Conjugated B-Type Natriuretic Peptide in a Pacing Model of Congestive Heart Failure</td>
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<td>Maladaptive Remodeling in Aging Myocardium</td>
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Spinale, Francis  
**Co-Investigator**  
**A Novel Myocardial Protective Effect with the Use of Aprotinin in the Setting of Myocardial Ischemia Reperfusion**  
PI: Matthew McEvoy  
Sponsor: Bayer Pharmaceuticals  
Dept: Anesthesia and Perioperative Medicine  
**Award:** (05071412-1)  
Total: $ 23,148

### Urology

**Keane, Thomas**  
**Principal Investigator**  
**Cytogen Education Grant**  
Sponsor: Cytogen  
Award: (05121218)  
**Budget Dates:** 11/01/05 - 10/31/07  
**Direct:** $ 49,067  
**F & A:** $ 12,266

**SIP 25-04 Prostate Cancer: Decision Making and Outcomes**  
Sponsor: Univ. of Washington  
Award: SIP 25-04 (06012339)  
**Budget Dates:** 01/01/06 - 09/29/06  
**Direct:** $ 99,201  
**F & A:** $ 45,633

**Co-PI/Project Leader**  
**DOD Phase VII: A Clinical Assessment of Novel Urinary Markers for Diagnosis and Monitoring of Bladder Cancer**  
PI: Andrew Kraft  
Sponsor: Geo-Centers, Inc.  
**Budget Dates:** 11/01/05 - 10/31/07  
**Direct:** $ 85,765  
**F & A:** $ 12,266

**Rovner, Eric**  
**Principal Investigator**  
**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:** 10/04/06 - 03/01/08  
**Direct:** $ 17,197  
**F & A:** $ 4,299

**MUSC Bladder and Pelvic Health Program**  
Sponsor: Pfizer, Inc.  
Award: (06010865)  
**Budget Dates:** 01/01/06 - 01/01/07  
**Direct:** $ 120,000  
**F & A:** $ 0

**A Randomized, Multi-Center, Double-Blind, Controlled Study to Assess the Safety and Effectiveness of Permacol Injection versus Contigen Implant as a Urthral Bulking Agent in the Treatment of Urinary Stress Incontinence Due to Intrinsic Sphincter Deficiency**  
Sponsor: Tissue Science Laboratories  
Award: PIN 5005 (06050919)  
**Budget Dates:** 04/01/06 - 03/01/08  
**Direct:** $ 144,180  
**F & A:** $ 36,045

**Savage, Stephen**  
**Principal Investigator**  
**A Multi-Center, Open-Label, Randomized, Phase III Trial Comparing Immediate Adjuvant Hormonal Therapy (ELIGARD - Leuprolide Acetate) in Combination with TAXOTERE (docetaxel) Administered Every Three Weeks Versus Hormonal Therapy Alone Versus Deferred Therapy Followed by the Same Therapeutic Options in Patients with Prostate Cancer at High Risk of Relapse after Radical Prostatectomy**  
Sponsor: MDS Pharma  
Award: XRP6976C/3501 (05102689)  
**Budget Dates:** 11/10/05 - 11/09/11  
**Direct:** $ 101,400  
**F & A:** $ 25,350

**Chemotherapy after Prostatectomy (CAP) for High Risk Prostate Carcinoma**  
Sponsor: VAMC  
Award: (06062415)  
**Budget Dates:** 06/20/06 - 03/31/07  
**Direct:** $ 34,600  
**F & A:** $ 0
## Nursing

### Amella, Elaine

**Co-Investigator**

**Adult Nurse Practitioner in Primary and Palliative Care**

- **Pl:** Barbara Edlund
- **Dept:** Nursing

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### Barbosa, Gail

**Principal Investigator**

**Advanced Education Nursing Traineeship Program**

- **Pl:** Barbara Edlund
- **Sponsor:** HRSA

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### Benedict, Susan

**Principal Investigator**

**Nurses and Ethical Dilemmas**

- **Pl:** Barbara Edlund
- **Sponsor:** NIH/NINR

**Nurses and Research Ethics**

- **Pl:** The Greenwall Fdn.
- **Sponsor:** NIH/NINR

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### Edlund, Barbara

**Principal Investigator**

**Teaching Gerontological Nursing Competencies**

- **Pl:** Marilyn Laken
- **Sponsor:** HRSA

**Adult Nurse Practitioner in Primary and Palliative Care**

- **Pl:** Himanshu Upadhyaya
- **Sponsor:** NIH/NIDA

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### Grossman, Janet

**Co-PI/Project Leader**

**Basic Nurse Education and Practice Program**

- **Pl:** Marilyn Laken
- **Dept:** Nursing

**Combined Pharmaco/Behavior Therapy in Adolescent Smokers**

- **Pl:** Himanshu Upadhyaya
- **Dept:** Psychiatry and Behavioral Sciences

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### Hulsey, Tara

**Co-Investigator**

**Basic Nurse Education and Practice Program**

- **Pl:** Marilyn Laken
- **Dept:** Nursing

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### Jenkins, Carolyn

**Principal Investigator**

**Racial and Ethnic Approaches to Community Health 2010: Charleston and Georgetown Diabetes Coalition**

- **Pl:** Carol Jenkins
- **Sponsor:** CDC

**South Carolina Medicaid Program for Hypertension and Diabetes**

- **Pl:** Eli Lilly
- **Sponsor:** HCA

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### Kelechi, Teresea

**Principal Investigator**

**Skin Temperature Variability in Venous Disease**

- **Pl:** Carol Jenkins
- **Sponsor:** Amer. Nurses Fdn.

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### Laken, Marilyn
**Principal Investigator**

**Basic Nurse Education and Practice Program - Cost Share MUHA**  
Sponsor: MUSC Hospital Authority  
Award: (01113009)  
Budget Dates: 07/01/05 - 06/30/06  
Direct: $100,000  
F & A: 0

**Basic Nurse Education and Practice Program**  
Sponsor: HRSA  
Award: 5 D11 HP00285-05-00 (05071524)  
Budget Dates: 07/01/05 - 06/30/07  
Direct: $320,119  
F & A: 25,610

### Michel, Yvonne
**Principal Investigator**

**Mathematics Science Partnership**  
Sponsor: SC Dept. of Education  
Award: 04 MS 30601 (03090903)  
Budget Dates: 07/01/05 - 06/30/06  
Direct: $50,926  
F & A: 4,074

**Statistical Analysis and Forecasting for the Energy Use in South Carolina’s Public Facilities Report**  
Sponsor: SC Energy Office  
Award: PO#CD600560 (06011325)  
Budget Dates: 01/01/06 - 06/30/06  
Direct: $19,000  
F & A: 0

### Smith, Gigi
**Co-Investigator**

**A Learned Hopelessness Model of Depression in Children and Adolescents with Epilepsy**  
PI: Janelle Wagner  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: Epilepsy Fdn.  
Award: (05101860-1)  
Total: $35,000

### Smith, Shelia
**Co-PI/Project Leader**

**Hispanic Health Initiative**  
PI: Deborah Williamson  
Dept: Nursing  
Sponsor: HRSA  
Award: 1 D11 HP05206-01-00 (04120662-1)  
Total: $247,441

### Williamson, Deborah
**Principal Investigator**

**Hispanic Health Initiative**  
Sponsor: Duke Endowment  
Award: 5395-SP/5651-SP (04061102)  
Budget Dates: 01/02/06 - 01/01/07  
Direct: $174,859  
F & A: 0

**Hispanic Health Initiative**  
Sponsor: HRSA  
Award: 1 D11 HP05206-01-00 (04120662)  
Budget Dates: 07/01/05 - 06/30/06  
Direct: $247,441  
F & A: 19,796
### Pharmaceutical Sciences

#### Arrington, David

**Principal Investigator**

**Identification of a Novel Mitochondrial Calpain**

**Sponsor:** NIH/NIEHS  
**Award:** 5 F30 ES013083-03 (05012636)  
**Budget Dates:** 04/01/06 - 03/31/07  
**Direct:** $32,219

#### Beeson, Craig

**Principal Investigator**

**Beta Oxidation in Myotubes**

**Sponsor:** Seahorse Biosciences, Inc.  
**Award:** (05031591)  
**Budget Dates:** 03/14/05 - 06/30/06  
**Direct:** $43,930

**Novel Neurotensin Analogues as Antischizophrenics**

**Sponsor:** Argolyn Bioscience, Inc.  
**Award:** 1 R44 MH65099-03A (05072157)  
**Budget Dates:** 07/01/05 - 12/01/06  
**Direct:** $107,591

#### Hallman, Mark

**Principal Investigator**

**EGF Receptor as a Therapeutic Target in Renal Failure**

**Sponsor:** NIH/NIEHS  
**Award:** 5 F30 ES013619-02 (04041202)  
**Budget Dates:** 09/30/04 - 09/29/07  
**Direct:** $33,234

#### Lemasters, John

**Principal Investigator**

**Mitochondrial Dysfunction and Drug Hepatotoxicity**

**Sponsor:** Univ. of Arizona  
**Award:** Y433396 (06021546)  
**Budget Dates:** 02/01/06 - 06/30/06  
**Direct:** $81,307

**Co-Investigator**

**Transplantation of Reduced-Size Fatty Livers**

**PI:** Zhi Zhong  
**Sponsor:** USC Research Foundation  
**Total:** $184,500  
**Dept:** Pharmaceutical Sciences  
**Award:** 1 R01 DK070844-01A1 (06022162-1)

#### Markowitz, John

**Principal Investigator**

**Pharmacokinetics and Drug Interactions with Milk Thistle**

**Sponsor:** NIH/NCCAM  
**Award:** 1 R21 AT002817-02 (04052710)  
**Budget Dates:** 04/01/06 - 03/31/07  
**Direct:** $122,063

**P-Glycoprotein and Disposition of Psychostimulants**

**Sponsor:** NIH/NICHD  
**Award:** 5 R21 HD047810-02 (05052667)  
**Budget Dates:** 07/01/04 - 06/30/07  
**Direct:** $125,000

#### Patrick, Kennerly

**Co-Investigator**

**Dual-Hit Hypothesis of Aging-Related DA Dysfunction-Project 2: Methamphetamine and GDNF/BDNF in Aged Dopamine Systems**

**PI:** Ann-Charlotte Granholm  
**Sponsor:** NIH/NIA  
**Total:** $125,019  
**Dept:** Neurosciences  
**Award:** 1 P01 AG023630-01A2 (04112920-6)

**P-Glycoprotein and Disposition of Psychostimulants**

**PI:** John Markowitz  
**Sponsor:** NIH/NICHD  
**Total:** $125,000  
**Dept:** Pharmaceutical Sciences  
**Award:** 5 R21 HD047810-02 (05052667-1)

#### Schnellmann, Rick

**Principal Investigator**

**Training Program in Environmental Stress Signaling**

**Sponsor:** NIH/NIEHS  
**Award:** 1 T32 ES012878-01A1 (04052802)  
**Budget Dates:** 07/01/05 - 06/30/06  
**Direct:** $63,938

**Mitochondrial Calpain Mediated Renal Cell Death**

**Sponsor:** NIH/NIEHS  
**Award:** 5 R01 ES012239-02 (05061466)  
**Budget Dates:** 08/01/05 - 07/31/06  
**Direct:** $190,000
**Center for Drug Discovery in Cancer: Endowed Professorships**
Sponsor: SC Research Centers of Economic Excellence  
Award: (0602510)  
Budget Dates: 09/15/05 - 06/30/06  
Direct: $ 4,500,000

**EGF Receptor as a Therapeutic Target in Renal Failure**
Pl: Mark Hallman  
Dept: Pharmaceutical Sciences  
Sponsor: NIH/NIEHS  
Budget Dates: 09/15/05 - 06/30/10  
Total: $ 33,234

**Translational Research on Cancer Control and Related Therapy: The Biology of Kidney Tumor-from Etiology to Treatment-Project 2**
Pl: Andrew Kraft  
Dept: Medicine  
Sponsor: Science Applications Intl. Cor  
Budget Dates: 09/15/05 - 06/30/10  
Total: $ 33,500

**Organic Anion Transporters 2 and 3 in Renal and CNS Toxicity**
Pl: Kenneth Tew  
Dept: Cell and Molecular Pharmacology  
Sponsor: Novolos Therapeutics, Inc.  
Budget Dates: 09/15/05 - 06/30/10  
Total: $ 100,000

**Neuroprotective Effect of Merck Compounds in Ischemic Stroke Rats**
Pl: Ling Wei  
Dept: Pathology and Laboratory Medicine  
Sponsor: Merck  
Budget Dates: 09/15/05 - 06/30/10  
Total: $ 137,500

**Transplantation of Reduced-Size Fatty Livers**
Pl: Naren Banik  
Dept: Neurosciences  
Sponsor: NIH/NIDDK  
Budget Dates: 09/15/05 - 06/30/10  
Total: $ 225,000

**Linking Vancomycin and Linezolid Usage Patterns to the Incidence of Methicillin-Resistant S. Aureus (MRSA) and Vancomycin-and Linezolid-Resistant Enterococci (VRE/LRE)**
Pl: Byron Bailey  
Dept: Neurosciences  
Sponsor: Johns Hopkins Univ.  
Budget Dates: 09/15/05 - 06/30/10  
Total: $ 31,411
LaPointe, Marc  
**Co-Investigator**  
Randomized, Double-Blind, Placebo-Controlled, Multi-Center, Parallel-Group Confirmatory Efficacy and Safety Trial of Activated Recombinant Factor VII (Novoseven/Niatase) in Acute Intracerebral Hemorrhage  
*PI:* Sunil Patel  
*Sponsor:* Novo Nordisk Pharmaceutical  
*Total:* $35,015

Mauldin, Patrick  
**Co-Investigator**  
Linking Vancomycin and Linezolid Usage Patterns to the Incidence of Methicillin-Resistant S. Aureus (MRSA) and Vancomycin-and Linezolid-Resistant Enterococci (VRE/LRE)  
*PI:* John Bosso  
*Sponsor:* USC Research Foundation  
*Total:* $38,524

Nappi, Jean  
**Principal Investigator**  
2005-06 Pharmacy Residency Program  
*Sponsor:* Amgen  
*Award:* (05030871)  
*Budget Dates:* 07/01/05 - 06/30/06  
*Direct:* $33,996  
*Project Dates:* 07/01/05 - 06/30/06  
*F & A:* 0

Ragucci, Kelly  
**Principal Investigator**  
Evaluation of Patient Perceptions and Outcomes Related to Anticoagulation Point-of-Care Testing in Ambulatory Care Clinics  
*Sponsor:* Abbott Labs  
*Award:* (06013191)  
*Budget Dates:* 09/01/05 - 06/30/05  
*Direct:* $2,000  
*Project Dates:* 09/01/05 - 06/30/05  
*F & A:* 0

Uber, Walt  
**Principal Investigator**  
The Utility of C2 Cyclosporine Monitoring in Cardiac Transplantation: A Cardiac Transplant Research Database  
*Sponsor:* Univ. of Alabama, Birmingham  
*Award:* (03051901)  
*Budget Dates:* 07/15/03 - 12/31/05  
*Direct:* $1,840  
*Project Dates:* 07/15/03 - 12/31/05  
*F & A:* 460
University Centers

Investigators and Projects
Center for Drug and Alcohol Programs

**Neurosciences**

Woodward, John  
**Training in Alcohol Research**  
Sponsor: NIH/NIAAA  
Award: 5 T32 AA007474-19 (04120246)  
Budget Dates: 04/01/06 - 03/31/07  
Direct: $269,147

Acierno, Ron  
**Florida Hurricanes and Older Adults: Outcome/Resiliency Factors**  
Sponsor: NIH/NIMH  
Award: 5 R21 MH074469-02 (04092819)  
Budget Dates: 03/01/06 - 02/28/07  
Direct: $73,514

Anton, Jr., Raymond  
**A Placebo-Controlled Study of Prometa Protocol in Treatment of Alcohol Dependence**  
Sponsor: Hythiam, Inc.  
Award: (05102067)  
Budget Dates: 10/19/05 - 10/31/07  
Direct: $619,566

Danielson, Carla  
**Reducing Risk for Severe Mental Illness in Sexually Assaulted Adolescents**  
Sponsor: NARSAD  
Award: (04072103)  
Budget Dates: 07/01/05 - 06/30/06  
Direct: $28,650

Miller, Peter  
**Adoption of Pharmacotherapy in Alcoholism Treatment**  
Sponsor: NIH/NIAAA  
Award: 5 R21 AA015065-02 (03092606)  
Budget Dates: 09/01/05 - 08/31/07  
Direct: $118,750

Randall, Carrie  
**Alcohol Research Center-Treatment and Implications**  
Sponsor: NIH/NIAAA  
Award: 2 P50 AA010761-11 (04120657)  
Budget Dates: 12/01/05 - 11/30/06  
Direct: $1,236,729

Center for the Study of Aging

**Neurosciences**

Granholm, Ann-Charlotte  
**Mechanisms of Neurotrophin Improved Cognition in Aging**  
Sponsor: NIH/NIA  
Award: 5 R01 AG010755-12 (04070125)  
Budget Dates: 09/15/05 - 08/31/06  
Direct: $194,000

**Serotonergic Agonists and Memory**  
Sponsor: Predix Pharmaceuticals, Inc.  
Award: (04071612)  
Budget Dates: 07/09/04 - 07/08/06  
Direct: $35,086

Sambamurti, Kumar  
**Role of Alzheimer's APP in Retinal Degeneration**  
Sponsor: Amer. Health Assistance Fdn.  
Award: M-2004-027 (03102205)  
Budget Dates: 04/01/04 - 03/31/06  
Direct: $50,000
### Ophthalmology

**Rohrer, Baerbel**  
**Transgenic Rod Development and Function**  
**Sponsor:** NIH/NEI  
**Award:** 5 R03 EY013728-03 (05051201)  
**Direct:** $100,000  
**Project Dates:** 07/01/03 - 06/30/07  
**F & A:** 41,007

### Digestive Disease Center

### Medicine

**Castell, Donald**  
**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.  
**Budget Dates:** 09/28/05 - 09/30/06  
**Direct:** $197,970  
**Project Dates:** 09/28/05 - 09/30/06  
**F & A:** 49,492

**A Randomized, Double-Blind, Placebo-Controlled Study to Investigate the Effect of Single Doses of CJ-040,714 on Esophageal Parameters, as Measured by Multi-Channel Intraluminal Impedance (MII) in Healthy Volunteers**  
**Sponsor:** Pfizer, Inc.  
**Budget Dates:** 11/29/05 - 06/30/07  
**Direct:** $372,372  
**Project Dates:** 11/29/05 - 06/30/07  
**F & A:** 93,093

**A Randomized, Double-Blind, Placebo-Controlled Study to Investigate the Effect of Single Doses of CP-424,391 and Ghrelin on Esophageal Reflux Parameters, as Measured by Multi-Channel Intraluminal Impedance (MII) in Healthy Volunteers**  
**Sponsor:** Pfizer, Inc.  
**Budget Dates:** 03/31/06 - 02/28/07  
**Direct:** $176,234  
**Project Dates:** 03/31/06 - 02/28/07  
**F & A:** 44,058

**Cotton, Peter**  
**Boston Scientific Fellowship VI**  
**Sponsor:** Boston Scientific Corp.  
**Budget Dates:** 07/01/05 - 06/30/07  
**Direct:** $46,296  
**Project Dates:** 07/01/05 - 06/30/07  
**F & A:** 3,704

**Delegge, Mark**  
**Comprehensive Management of Patients Diagnosed with Pancreatitis and Discharged from the Hospital on Home-Infusion Therapy**  
**Sponsor:** Coram Healthcare, Inc.  
**Budget Dates:** 11/01/04 - 12/31/07  
**Direct:** $6,560  
**Project Dates:** 11/01/04 - 12/31/07  
**F & A:** 1,640

**A Study of the Efficacy and Safety of Teduglutide in Subjects with Parenteral Nutrition-Dependent Short Bowel Syndrome**  
**Sponsor:** Parexel Intl. Corp.  
**Budget Dates:** 08/15/05 - 01/31/07  
**Direct:** $49,970  
**Project Dates:** 08/15/05 - 01/31/07  
**F & A:** 12,492

**A Study of the Safety and Efficacy of Teduglutide in Subjects with Parenteral Nutrition-Dependent Short Bowel Syndrome Who Completed Protocol CL0600-004**  
**Sponsor:** Parexel Intl. Corp.  
**Budget Dates:** 09/27/05 - 02/28/07  
**Direct:** $29,098  
**Project Dates:** 09/27/05 - 09/28/07  
**F & A:** 7,275

**A Phase 2a, Randomized, Double-Blind, Placebo-Controlled, Dose-Ranging, Multi-Center Study to Determine the Safety, Tolerance and Efficacy of AT-1001 in Celiac Disease Subjects During Gluten Challenge**  
**Sponsor:** Alba Therapeutics, Inc.  
**Budget Dates:** 04/26/06 - 05/30/07  
**Direct:** $33,125  
**Project Dates:** 04/26/06 - 05/30/07  
**F & A:** 8,281
**Medicine**

Hawes, Robert

**Multi-Center, Prospective, Randomized, Controlled Trial of the Nitinol Zilver Expandable Endoprosthesi**

Endothrombosis in the Palliation of Extrahepatic Malignant Biliary Obstruction (MOZART!)

- **Sponsor:** Wilson Cook
- **Award:** 03-MOZ-03 (03082502)
- **Budget Dates:** 10/17/03 - 10/31/06
- **Direct:** $800
- **F & A:** $200

**Ablation of Intestinal Metaplasia Containing Dysplasia (AIM Dysplasia Trial) - A Multi-Center, Randomized, Sham-Controlled Trial**

- **Sponsor:** BARRX Medical, Inc.
- **Award:** B-204 (05122852)
- **Budget Dates:** 12/28/05 - 12/31/08
- **Direct:** $109,641
- **F & A:** $27,410

**Long Term, Follow-Up Study of the NDO Surgical Plicator for the Treatment of GERD**

- **Sponsor:** NDO Surgical, Inc.
- **Award:** (06021330)
- **Budget Dates:** 01/15/06 - 06/30/08
- **Direct:** $6,400
- **F & A:** $1,600

**North American Pancreatitis Study 2 (NAPS2)**

- **Sponsor:** Univ. of Pittsburgh
- **Award:** 5 R01 DK61451/106027 (06022268)
- **Budget Dates:** 01/01/06 - 12/31/07
- **Direct:** $54,553
- **F & A:** $13,638

Hoffman, Brenda

**A Phase 3, Multi-Center, Randomized, Double-Blind, Placebo-Controlled, Parallel-Arm, 52-Week, Dose-Comparison Study of the Efficacy and Safety of 25mg QD and 50mg QD of OPC 6535 Oral Tablets and 800mg BID of Asacol in the Maintenance of Remission in Ulcerative Colitis**

- **Sponsor:** Kendle Research Assoc.
- **Award:** 197-02-220 (04041502)
- **Budget Dates:** 04/01/04 - 11/30/06
- **Direct:** $5,200
- **F & A:** $1,300

Romagnuolo, Joseph

**Capsule Endoscopic Finding and Incidence of Disease in First-Degree Relatives of Crohn’s Patients with Abnormal Intestinal Permeability**

- **Sponsor:** Broad Medical Research
- **Award:** IBD-0063T (06040319)
- **Budget Dates:** 04/01/06 - 03/31/07
- **Direct:** $49,048
- **F & A:** $4,905

Vela Aquino, Marcelo

**Endoscopic Full-Thickness Plication for the Treatment of Symptomatic Nonacid Gastroesophageal Reflux: A Prospective Single Arm Pilot Trial**

- **Sponsor:** Amer. Soc. for GI Endoscopy
- **Award:** (05091936)
- **Budget Dates:** 01/01/06 - 12/31/06
- **Direct:** $25,000
- **F & A:** 0

Wilson, Frederick

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

- **Sponsor:** Centocor, Inc.
- **Award:** (02052101)
- **Budget Dates:** 07/01/02 - 07/31/06
- **Direct:** $9,760
- **F & A:** 2,440

**A Randomized, Double-Blind, Multi-Center, Dose Response, Efficacy and Safety Evaluation of Inflabloc Cap in the Treatment of Patients with Moderately Active Crohn’s Disease**

- **Sponsor:** Inflabloc Pharmaceuticals
- **Award:** CL-C002-00 (05091416)
- **Budget Dates:** 09/14/05 - 09/13/07
- **Direct:** $53,600
- **F & A:** 13,400
**Medicine**

Wilson, Frederick

The NOVEL 3 Trial: Phase 3, Randomized, Double-Blind, Placebo-Controlled, Multi-Center Retreatment Study of Sargramostim (LEUKINE) in Patients with Active Crohn’s Disease and Prior Treatment Response to Sargramostim

Sponsor: Berlex Laboratories
Award: 308180 (05091418)
Budget Dates: 10/06/05 - 11/08/05
Direct: $23,228
F & A: 5,807

A Randomized, Double-Blind, Multi-Center Study of Visilizumab versus Placebo in Subjects with Intravenous Steroid-Refractory Ulcerative Colitis Previously Responsive in a Visilizumab Study

Sponsor: Parexel Intl. Corp.
Award: 291-417 (06010565)
Budget Dates: 01/05/06 - 02/28/11
Direct: $63,888
F & A: 15,972

**Biochemistry and Molecular Biology**

Del Poeta, Maurizio

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

Sponsor: Burroughs Wellcome Fdn.
Award: 1003642 (01103103)
Budget Dates: 07/01/05 - 06/30/06
Direct: $80,000
F & A: 0

Fernandes, Daniel

Drug-Induced Destabilization of Bcl-2 mRNA

Sponsor: NIH/NCI
Award: 5 R01 CA109254-02 (04062912)
Budget Dates: 04/01/06 - 02/27/07
Direct: $154,287
F & A: 70,972

Targeting bcl-2 mRNA in Chronic Lymphocytic Leukemia

Sponsor: Leukemia and Lymphoma Society
Award: 6006-06 (05031079)
Budget Dates: 10/01/05 - 09/30/06
Direct: $180,019
F & A: 19,982

Mechanism of Action of Xanafide and Symadex

Sponsor: Xanthus Life Sciences
Award: (05092657)
Budget Dates: 10/01/05 - 09/30/06
Direct: $76,913
F & A: 19,228

Hematological Malignancies Symposium

Sponsor: Amgen
Award: (05101038)
Budget Dates: 12/06/05 - 04/20/06
Direct: $25,000
F & A: 0
**Cell Biology and Anatomy**

Markwald, Roger  
**SC Cobre for Cardiovascular Disease**  
Sponsor: NIH/NCRR  
Award: 5 P20 RR016434-05 (05101757)  
Budget Dates: 07/01/05 - 06/30/06  
Direct: $1,765,775  
Project Dates: 09/30/01 - 06/30/06  
F & A: 647,079

**Cell and Molecular Pharmacology**

Isaacs, Jennifer  
**Hsp90-Dependent Regulation of HIF-1 Alpha**  
Sponsor: NIH/NCI  
Award: 1 K22 CA107212-01 (05083192)  
Budget Dates: 09/01/05 - 08/31/06  
Direct: $146,450  
Project Dates: 09/01/05 - 08/31/09  
F & A: 11,716

Tew, Kenneth  
**Glutathione S-Transferases in Drug and Stress Response**  
Sponsor: NIH/NCI  
Award: 5 R01 CA085660-08 (04062907)  
Budget Dates: 04/01/06 - 02/28/07  
Direct: $219,713  
Project Dates: 04/01/00 - 02/28/10  
F & A: 101,068

**Dean's Office**

Matson, Terri  
**Establishment of SC Clinical Trials Network**  
Sponsor: SC DHEC  
Award: CY-06-0656/PO#629945 (06041765)  
Budget Dates: 04/01/06 - 03/31/07  
Direct: $5,128  
Project Dates: 04/01/06 - 06/30/06  
F & A: 0

**Medicine**

Boylan, Alice  
**Role of Novel Oncogene in Mesothelioma**  
Sponsor: NIH/NIEHS  
Award: 5 R01 ES011323-04 (05041919)  
Budget Dates: 06/01/06 - 05/31/07  
Direct: $162,343  
Project Dates: 06/01/06 - 05/31/08  
F & A: 74,678

Chaudhary, Uzair  
**Phase II Study of Gemcitabine and Cpt-11 (Irinotecan) in Unresectable or Metastatic Renal Cell Carcinoma**  
Sponsor: Eli Lilly  
Award: BE-03050703  
Budget Dates: 05/15/03 - 05/15/07  
Direct: $8,400  
Project Dates: 05/15/03 - 05/15/07  
F & A: 2,100

**Phase II Study of Neoadjuvant Gemcitabine/Oxaliplatin and Cetuximab Followed by Surgery or Concurrent External Beam Radiation with Capecitabine for Patients with Locally Advanced Unresectable Non-Metastatic Pancreatic Cancer**  
Sponsor: Sanofi Synthelabo, Inc.  
Award: OX-04-012 (05091935)  
Budget Dates: 12/01/05 - 12/31/06  
Direct: $149,741  
Project Dates: 12/01/06 - 12/31/06  
F & A: 37,435

**XEOX-A-DVS (Dense Vs. Standard): A Randomized Study of Intermittent Capecitabine in Combination with Oxaliplatin (XEOX Q3W) and Bevacizumab versus Intermittent Capecitabine in Combination with Oxaliplatin (XEOX Q2W) and Bevacizumab as First-Line Treatment for Patients with Metastatic Colorectal Cancer**  
Sponsor: Roche Laboratories  
Award: ML18491 (05102808)  
Budget Dates: 11/01/05 - 07/31/09  
Direct: $115,270  
Project Dates: 11/01/05 - 07/31/09  
F & A: 28,818

**A Phase 3, Randomized, Open-Label Study Evaluating DN-101 in Combination with Docetaxel in Androgen-Independent Prostate Cancer (AIPC) (ASCENT-2)**  
Sponsor: Novacea, Inc.  
Award: 011-007 (06031450)  
Budget Dates: 03/02/06 - 03/05/10  
Direct: $43,190  
Project Dates: 03/02/06 - 03/05/10  
F & A: 10,798
**Medicine**

**Frei-Lahr, Debra**

An Open-Label, Multi-Center, Expanded Access Study of Oral AMN 107 in Adult Patients with Imatinib (Glivec/Gleevec) Resistant or - Intolerant Chronic Myeloid Leukemia in Blast Crisis, Accelerated Phase or Chronic Phase  
Sponsor: Novartis Corp.  
Award: CAMN107A2109 (06031451)  
Budget Dates: 02/22/06 - 09/01/08  
Direct: $86,730  
Project Dates: 02/22/06 - 09/01/08  
F & A: 21,683

A Randomized, Open-Label, Multi-Center Study of VELCADE with Rituximab or Rituximab Alone in Subjects with Relapsed or Refractory, Rituximab Naive or Sensitive Follicular B-Cell Non-Hodgkin’s Lymphoma  
Sponsor: Johnson and Johnson  
Award: 26866138-LYM-3001 (06032183)  
Budget Dates: 03/15/06 - 10/31/09  
Direct: $58,297  
Project Dates: 03/15/06 - 10/31/09  
F & A: 14,574

**Green, Mark**

CALGB Sponsored Studies  
Sponsor: Cancer and Leukemia Group B  
Award: U10 CA31946 (96092506)  
Budget Dates: 07/01/05 - 06/30/07  
Direct: $5,835  
Project Dates: 09/01/96 - 06/30/07  
F & A: 583

**Kneuper-Hall, Rayna**

Women’s Intervention Nutrition Study (WINS): A Clinical Trial to Determine the Efficacy of a Dietary Fat Reduction Program Provided in Addition to Systemic Adjuvant Therapy in the Management of Patients with Primary Invasive Breast Cancer  
Sponsor: Los Angeles Biomedical Research Ins  
Award: 7 R01 CA045504-16 (06060953)  
Budget Dates: 06/05/06 - 06/04/09  
Direct: $112,495  
Project Dates: 06/05/06 - 06/04/09  
F & A: 28,124

**Kraft, Andrew**

A Phase I Study of Topotecan in Combination with Vinorelbine in Recurrent Lung Cancer  
Sponsor: GlaxoSmithKline  
Award: 104864-725 (04012111)  
Budget Dates: 12/15/03 - 11/01/07  
Direct: $17,600  
Project Dates: 12/15/03 - 11/01/07  
F & A: 4,400

Oncology Center: Hollings Cancer Translational Research Core Development Grant  
Sponsor: DOE  
Award: DE FG02 01ER63121 (04042303)  
Budget Dates: 07/01/05 - 08/31/07  
Direct: $226,278  
Project Dates: 07/01/05 - 08/31/07  
F & A: 93,371

Pim Protein Kinase-Levels Correlate with Prostate Tumor Growth and Chemo-Resistance - Potential Mechanisms of Pim Action  
Sponsor: DOD/US Army  
Award: W81XWH-05-1-0126 (04082311)  
Budget Dates: 11/30/05 - 11/29/06  
Direct: $130,087  
Project Dates: 11/30/05 - 11/29/06  
F & A: 59,840

DOD Phase VII: Administrative Core  
Sponsor: Geo-Centers, Inc.  
Award: GC-3609-04-43766CM (04113022)  
Budget Dates: 10/01/05 - 09/29/06  
Direct: $819,999  
Project Dates: 10/01/05 - 09/29/06  
F & A: 377,200

**Kraft, Andrew**

Mechanisms by Which Proteasome Enhance Apoptosis  
Sponsor: NIH/NCI  
Award: 5 R01 CA104710-04 (05011903)  
Budget Dates: 03/01/06 - 02/28/07  
Direct: $160,146  
Project Dates: 03/01/06 - 02/28/07  
F & A: 73,667

2005 Supporting the Safety Net  
Sponsor: Avon Foundation  
Award: (05040166)  
Budget Dates: 05/01/06 - 04/30/07  
Direct: $150,909  
Project Dates: 05/01/06 - 04/30/07  
F & A: 15,091
**Medicine**

**Kraft, Andrew**

**Hollings Cancer Center Planning Grant**

Sponsor: NIH/NCI  
Award: 3 P20 CA093282-03S2 (05062184)  
Budget Dates: 08/01/03 - 07/31/07  
F & A: $51,233

**MUSC Drug Discovery Facility**

Sponsor: Natl. Inst. of Standards and Techno  
Award: 60NANB5D1246 (05062185)  
Budget Dates: 10/01/05 - 09/30/06  
Direct: $51,233

**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.  
Award: ET743-SAR-3002 (05062714)  
Budget Dates: 07/19/05 - 04/19/07  
Direct: $4,000

**Center for Bioengineering and Cancer Genomics Research**

Sponsor: HRSA  
Award: 1 C76 HF06131-01-00 (05072165)  
Budget Dates: 09/01/05 - 08/31/06  
Direct: $8,260,650

**South Carolina Alliance for Cancer Chemoprevention Fourth Annual Statewide Research Symposium**

Sponsor: Univ. of South Carolina  
Award: 2 P20 RR16461/USC#22050FA (06020927)  
Budget Dates: 03/01/06 - 03/31/06  
Direct: $7,350

**Montero, Alberto**

**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  
Award: ML18530 (05100620)  
Budget Dates: 09/28/05 - 06/30/10  
Direct: $76,226

**A Phase III, Randomized, Controlled Trial of Myocet, Trastuzumab and Paclitaxel Versus Trastuzumab and Paclitaxel for First Line Therapy of Metastatic Breast Cancer**

Sponsor: Pharmacet  
Award: STM01-102 (06022479)  
Budget Dates: 04/07/06 - 04/06/08  
Direct: $54,110

**Phase I Study to Evaluate the Safety/Tolerability and Immunogenicity of V-930 in Patients with Cancers Expressing HER-2 and/or CEA**

Sponsor: Merck  
Award: V930 PN002 (06041149)  
Budget Dates: 05/01/06 - 02/01/22  
Direct: $199,480

**Schweinfest, Clifford**

**Models of DRA Growth Suppression in Colon Cancer**

Sponsor: NIH/NCI  
Award: 5 R01 CA095172-03 (05042857)  
Budget Dates: 07/01/05 - 06/30/06  
Direct: $78,000

**Sherman, Carol**

**A Randomized, Multi-Center, Phase III Study of Taxane/Carboplatin/Cetuximab or Taxane/Carboplatin as First-Line Treatment for Patients with Advanced/Metastatic Non-Small Cell Lung Cancer**

Sponsor: PPD Development  
Award: CA225-099 (06041151)  
Budget Dates: 04/27/06 - 04/27/09  
Direct: $64,150
### Medicine

#### Silvestri, Gerard

**Computer-Aided Cancer Management**

- **Sponsor:** DOD  
- **Award:** W81XWH-05-1-0378 (04070126)  
- **Budget Dates:** 04/01/05 - 09/30/07  
- **Direct:** $1,471,539  
- **F & A:** $130,764

#### Stuart, Robert

**SWOG Protocol: Phase III, Randomized Trial of Preoperative Chemotherapy vs Preoperative Concurrent Chemotherapy and Thoracic Radiotherapy Followed by Surgical Resection and Consolidation Chemotherapy in Favorable Prognosis Patients with Stage IIIA (N2)**

- **Sponsor:** Southwest Oncology Group  
- **Award:** CA37429 & CA32102 (02041501)  
- **Budget Dates:** 06/25/05 - 06/25/09  
- **Direct:** $245,566  
- **F & A:** $29,474

**A Phase III, Randomized Study of Cloretazine (VNP40101M) and Cytosine Arabinoside (AraC) in Patients with Acute Myeloid Leukemia in First Relapse**

- **Sponsor:** i3 Research  
- **Award:** CLI-037 (05062715)  
- **Budget Dates:** 07/22/05 - 07/21/08  
- **Direct:** $73,960  
- **F & A:** $18,490

**A Study to Provide Expanded Access of EXJADE (Deferasirox) to Patients with Congenital Disorders of Red Blood Cells and Chronic Iron Overload from Blood Transfusions Who Cannot Adequately be Treated with Other Locally Advanced Iron Chelators**

- **Sponsor:** Novartis Corp.  
- **Award:** CICL670A2203/566 (05090193)  
- **Budget Dates:** 07/01/05 - 06/30/06  
- **Direct:** $11,450  
- **F & A:** $2,862

**Phase 2, Open-Label Study of Amonafide L-Malate in Combination with Cytarabine in Subjects with Secondary Acute Myeloid Leukemia (AML)**

- **Sponsor:** Xanthus Life Sciences  
- **Award:** 0001A3-200-GL (05121944)  
- **Budget Dates:** 12/01/05 - 05/31/09  
- **Direct:** $37,000  
- **F & A:** $9,250

**An Open-Label, Single-Arm, Multi-Center, Phase 2 Study of Troxatyl (troxacitabine) Administered by Continuous Infusion in Patients with Acute Myeloid Leukemia (AML) in Second Salvage (CTO 100946)**

- **Sponsor:** SGX Pharmaceuticals, Inc.  
- **Award:** SPD758-216 (05121945)  
- **Budget Dates:** 12/06/05 - 12/31/07  
- **Direct:** $54,310  
- **F & A:** $13,578

**A Multi-Center, Single-Arm, Open-Label Expanded Access Program for Lenalidomide Plus Dexamethasone in Previously Treated Subjects with Multiple Myeloma**

- **Sponsor:** Celgene Corp.  
- **Award:** CC-5013-MM-016 (06022478)  
- **Budget Dates:** 03/28/06 - 03/26/09  
- **Direct:** $26,400  
- **F & A:** $6,600

**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)  
- **Budget Dates:** 05/11/06 - 04/30/09  
- **Direct:** $78,110  
- **F & A:** $19,528

### Microbiology and Immunology

#### Tomlinson, Stephen

**Interaction between CD59 and Its Complement Ligands**

- **Sponsor:** NIH/NIAID  
- **Award:** 5R01 AI047386-06 (04022701)  
- **Budget Dates:** 05/01/06 - 04/30/07  
- **Direct:** $184,802  
- **F & A:** $79,465

### Otolaryngology

#### Day, Terry

**A Phase II, Open-Label Study to Evaluate the Safety, Tolerability, and Pharmacokinetic Profile of Proxinium in Patients with Recurrent Squamous Cell Carcinoma of the Head and Neck Who Have Received at Least One Prior Chemotherapy Regimen for Recurrent Disease**

- **Sponsor:** PPD Development  
- **Award:** VB4-845-01-IIA (05102806)  
- **Budget Dates:** 12/02/05 - 12/02/06  
- **Direct:** $49,438  
- **F & A:** $12,360
Pathology and Laboratory Medicine

Hsu, Tien  
Control of Epithelial Morphogenesis in Drosophila Ovary  
Sponsor: NIH/NIGMS  
Award: 5 R01 GM057843-07 (05042867)  
Budget Dates: 07/01/05 - 06/30/06  
Direct: $190,000  
Project Dates: 07/01/99 - 06/30/07  
F & A: 87,400

Pediatrics

Barredo, Julio  
Molecular Determinants of Methotrexate Metabolism in ALL  
Sponsor: NIH/NCI  
Award: 5 R01 CA098152-03 (05030331)  
Budget Dates: 05/01/06 - 04/30/07  
Direct: $200,183  
Project Dates: 05/01/04 - 04/30/09  
F & A: 92,084

Neumann, Carola  
Role of PRDX1 in Natural Killer Cells and Tumorigenesis  
Sponsor: NIH/NIEHS  
Award: 1 K22 ES012985-01 (05081967)  
Budget Dates: 09/02/05 - 07/31/06  
Direct: $100,000  
Project Dates: 09/02/05 - 07/31/08  
F & A: 8,000

Radiation Oncology

Jenrette, Joseph  
Radiation Therapy Oncology Group Protocol: A Phase III Trial for Locally Recurrent, Previously Irradiated Head and Neck Cancer: Concurrent Re-Irradiation and Chemotherapy vs Chemotherapy Alone  
Sponsor: Amer. Coll. of Radiology  
Award: U10 CA21661 (05050587)  
Budget Dates: 07/25/05 - 12/31/07  
Direct: $26,087  
Project Dates: 07/25/05 - 12/31/07  
F & A: 3,913

Sharma, Anand  
A Phase III Clinical Study to Determine the Maximum Tolerated Dose (MTD), Preliminary Safety, Efficacy, and PK Profile of HMPL-002 When Concurrently Administered with Standard Radiotherapy in Patients with Inoperable Locally Advanced Head and Neck Cancer  
Sponsor: PPD Development  
Award: HMPL-002 (05120709)  
Budget Dates: 11/30/05 - 11/30/07  
Direct: $79,515  
Project Dates: 11/30/05 - 11/30/07  
F & A: 19,879

Radiology

Conway, William  
ACRIN Trials  
Sponsor: Amer. Coll. of Radiology  
Award: CA80098 (02091903)  
Budget Dates: 01/01/06 - 12/31/10  
Direct: $189,600  
Project Dates: 07/01/02 - 12/31/10  
F & A: 47,400

Surgery

Cole, David  
A Phase III, Adjuvant Trial Comparing Three Chemotherapy Regimens in Women with Node Positive Breast Cancer Docetaxel/Doxorubicin/Cyclophosphamide (TAC); Dose-Dense (DD) Doxorubicin/Cyclophosphamide Followed by DD Paclitaxel (DDAC->P); DD AC Follow  
Sponsor: NSABP  
Award: TFED34-#361 (05042855)  
Budget Dates: 02/01/05 - 01/31/06  
Direct: $5,604  
Project Dates: 11/01/04 - 01/31/08  
F & A: 561

Cooperating with Immunological T Cell Contraction  
Sponsor: NIH/NCI  
Award: 5 R01 CA083672-05 (05042861)  
Budget Dates: 07/01/05 - 04/30/06  
Direct: $519,718  
Project Dates: 11/01/99 - 04/30/09  
F & A: 239,070

A Phase II Study of Active Immunotherapy with Panvactm or Autologous, Cultured Dendritic Cells Infected with Panvactm after Complete Resection of Hepatic Metastases of Colorectal Carcinoma  
Sponsor: Duke Univ.  
Award: P01 CA078673/133992 (06030327)  
Budget Dates: 03/03/06 - 06/30/09  
Direct: $27,730  
Project Dates: 03/03/06 - 06/30/09  
F & A: 12,756
## Surgery

**Automated RNA Isolation and RT-PCR for Cancer Detection**

- **Mikhitarian, Kaidi**
- **Sponsor:** Univ. of Pittsburgh
- **Budget Dates:** 05/05/04 - 02/28/06
- **Direct:** $30,894
- **Award:** 402531-1 (02031405)

**Gastro-Eosophageal Malignancy: Endowed Professorships**

- **Reed, Carolyn**
- **Sponsor:** SC Research Centers of Economic Exc
- **Budget Dates:** 03/13/06 - 06/30/07
- **Direct:** $2,363,303

## Biochemistry and Molecular Biology

**Shrimp Immunity: Gene Organization and Expression Penaeidin Family of Antimicrobial Peptides**

- **Gross, Paul**
- **Sponsor:** NSF
- **Budget Dates:** 09/01/05 - 08/31/06
- **Direct:** $238,096
- **Award:** MCB-0516279 (05011149)

**Tenth Triennial Congress of the International Society for Developmental and Comparative Immunology**

- **Warr, Gregory**
- **Sponsor:** USDA
- **Budget Dates:** 04/01/06 - 03/31/07
- **Direct:** $10,000
- **Award:** 2006-35204-16745 (05101454)

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

- **Sponsor:** NOAA
- **Budget Dates:** 10/01/05 - 09/30/06
- **Direct:** $67,561
- **Award:** MOA-2004-168/Amendment 00 (05110355)

## Cell Biology and Anatomy

**Analysis of Algal Toxins (Wes Jackson)**

- **Lacy, Eric**
- **Sponsor:** SC Dept. of Natural Resources
- **Budget Dates:** 07/01/05 - 06/30/06
- **Direct:** $8,200
- **Award:** (05051305)
Cell Biology and Anatomy

Lacy, Eric

**Taxonomic Center Subcontract for Rachael King**
- **Sponsor:** SC Dept. of Natural Resources
- **Award:** NA16FL1490/00720-83477 (05092352)
- **Budget Dates:** 01/01/06 - 08/31/06
- **Direct:** $41,566
- **Project Dates:** 01/01/06 - 08/31/06
- **F & A:** 10,807

**Jun Hikima - Construction, Calibration and Optimization of a cDNA Microarray as a Transcriptomic Biosensor**
- **Sponsor:** SC Dept. of Natural Resources
- **Award:** (05101966)
- **Budget Dates:** 10/01/05 - 09/30/06
- **Direct:** $57,562
- **Project Dates:** 10/01/05 - 03/31/07
- **F & A:** 4,605

**Marine Eco-Genomics Workshop**
- **Sponsor:** NSF
- **Award:** (05121327)
- **Budget Dates:** 01/01/06 - 02/28/06
- **Direct:** $7,500
- **Project Dates:** 01/01/06 - 02/28/06
- **F & A:** 0

**Workshop Support: Marine Eco-Genomics**
- **Sponsor:** SC Sea Grant Consortium
- **Award:** P/M-2C-V41C (06021339)
- **Budget Dates:** 02/01/06 - 03/31/06
- **Direct:** $2,500
- **Project Dates:** 02/01/06 - 03/31/06
- **F & A:** 0

**Applied Marine Genomics: Endowed Professorship**
- **Sponsor:** SC Research Centers of Economic Exc
- **Award:** (06062503)
- **Budget Dates:** 08/09/04 - 06/30/05
- **Direct:** $1,500,000
- **Project Dates:** 08/09/04 - 06/30/09
- **F & A:** 0

Morris, Pamela

**Environmental Assessment of Bunker C Crude Oil Leaking from the USS Arizona**
- **Sponsor:** National Park Service
- **Award:** H1250020008-J7482040441 (04080505)
- **Budget Dates:** 08/14/04 - 12/31/06
- **Direct:** $10,435
- **Project Dates:** 08/14/04 - 12/31/06
- **F & A:** 1,565

**An Assessment of the Microbial Diversity Associated with Selected Caribbean Corals**
- **Sponsor:** NSF
- **Award:** DEB-0516347 (05011886)
- **Budget Dates:** 09/01/05 - 08/31/06
- **Direct:** $192,528
- **Project Dates:** 09/01/05 - 08/31/06
- **F & A:** 43,550

**EPA Fellowship Award (Ben Neely)**
- **Sponsor:** EPA
- **Award:** FP-91651301-0 (05072911)
- **Budget Dates:** 08/01/05 - 07/31/06
- **Direct:** $17,000
- **Project Dates:** 08/01/05 - 07/31/06
- **F & A:** 0

Psychiatry and Behavioral Sciences

Acierno, Ron

**Sexual Assault and Domestic Violence Intervention: A Training Program for Students in Health Professions**
- **Sponsor:** SC Dept. of Public Safety
- **Award:** 1 K05032 (05051923)
- **Budget Dates:** 10/01/05 - 09/30/06
- **Direct:** $58,331
- **Project Dates:** 10/01/05 - 09/30/06
- **F & A:** 0

Henggeler, Scott

**Effectiveness Trial: MST with Juvenile Offenders - Minority Supplement**
- **Sponsor:** NIH/NIMH
- **Award:** 5 R01 MH065414-04 (05011250)
- **Budget Dates:** 03/01/06 - 02/28/07
- **Direct:** $69,284
- **Project Dates:** 03/01/06 - 02/28/07
- **F & A:** 31,870

Kilpatrick, Dean

**Disaster Research Education and Mentoring Center (DREM)**
- **Sponsor:** NIH/NIMH
- **Award:** 5 R25 MH070552-03 (04120773)
- **Budget Dates:** 01/01/06 - 12/31/06
- **Direct:** $249,676
- **Project Dates:** 01/01/06 - 12/31/06
- **F & A:** 9,974

National Crime Victims Center
Psychiatry and Behavioral Sciences

Kilpatrick, Dean  
*Child and Adult Trauma Victims: A Training Program*

**Sponsor:** NIH/NIMH  
**Award:** 5 T32 MH018869-18 (05031594)  
**Budget Dates:** 07/01/05 - 06/30/06  
**Project Dates:** 01/01/08 - 06/30/08  
**Direct:** $215,886  
**F & A:** $15,711

Drug-Facilitated, Incapacitated, and Forcible Rape: A National Study of Prevalence and Case Characteristics among College Students and Other Young Women

**Sponsor:** Department of Justice  
**Award:** 2005-WG-BX-0006 (05041814)  
**Budget Dates:** 10/01/05 - 09/30/06  
**Project Dates:** 10/01/05 - 09/30/06  
**Direct:** $398,484  
**F & A:** $49,312

Saunders, Benjamin  
*Service Systems Models Intervention Development and Evaluation Center (SSM)*

**Sponsor:** SAMHSA  
**Award:** 5 UDI SM56070-03 (05070682)  
**Budget Dates:** 09/30/05 - 09/29/06  
**Project Dates:** 09/30/05 - 09/29/06  
**Direct:** $561,221  
**F & A:** $38,010

Neurosciences

Banik, Naren  
*Calpain Activation of T Cells in Demyelinating Disease*

**Sponsor:** NIH/NINDS  
**Award:** 2 R01 NS041088-06 (06050306)  
**Budget Dates:** 04/06/06 - 02/28/07  
**Project Dates:** 01/15/01 - 02/28/10  
**Direct:** $225,000  
**F & A:** $99,360

Bhat, Narayan  
*Neuroinflammation in Cholesterol-Induced AD Pathogenesis*

**Sponsor:** NIH/NINDS  
**Award:** 1 R01 NS051575-01A2 (05112888)  
**Budget Dates:** 05/25/06 - 04/30/07  
**Project Dates:** 05/25/06 - 04/30/10  
**Direct:** $202,500  
**F & A:** $82,800

Granholm, Ann-Charlotte  
*Serotonergic Agonists and Memory*

**Sponsor:** Predix Pharmaceuticals, Inc.  
**Award:** (04071612)  
**Budget Dates:** 07/09/04 - 07/08/07  
**Project Dates:** 07/09/04 - 07/08/07  
**Direct:** $58,400  
**F & A:** $14,600

Gregory, Mary  
*Prefrontal Glutamate and Working Memory*

**Sponsor:** NIH/NIMH  
**Award:** 5 F30 MH070194-03 (04063016)  
**Budget Dates:** 09/30/05 - 09/29/06  
**Project Dates:** 09/30/05 - 06/29/07  
**Direct:** $25,321  
**F & A:** 0

Griesemer, David  
*A Randomized, Double-Blind, Placebo-Controlled, Fixed Dose-Ranging Study to Assess the Safety, Tolerability, and Efficacy of Topiramate Oral Liquid and Sprinkle Formulations as an Adjunct to Concurrent Anticonvulsant Therapy for Infants (1 to 23 months of age, inclusive) with Refractory Partial-Onset Seizures, with Open-Label Extension*

**Sponsor:** PPD Development  
**Award:** TOPMAT-PEP 3001 (05092139)  
**Budget Dates:** 08/17/05 - 08/07/07  
**Project Dates:** 08/17/05 - 08/07/07  
**Direct:** $92,928  
**F & A:** $23,232

Jayanthi, Lankupalle  
*Cocaine Regulation of Norepinephrine Transporter*

**Sponsor:** NIH/NIDA  
**Award:** 1 R03 DA16753-02 (03063004)  
**Budget Dates:** 08/01/05 - 07/31/07  
**Project Dates:** 08/01/04 - 07/31/07  
**Direct:** $50,000  
**F & A:** $23,000

Kalivas, Peter  
*Glutamate and Craving for Cocaine*

**Sponsor:** NIH/NIDA  
**Award:** 5 R01 DA012513-07 (04062905)  
**Budget Dates:** 04/01/06 - 03/31/07  
**Project Dates:** 02/01/00 - 03/31/10  
**Direct:** $170,887  
**F & A:** $78,608

Neurobiology of Addiction Research (NARC)

**Sponsor:** NIH/NIDA  
**Award:** 5 F50 DA015369-04 (06060748)  
**Budget Dates:** 05/01/06 - 04/30/07  
**Project Dates:** 08/01/03 - 04/30/08  
**Direct:** $868,592  
**F & A:** $399,552
### Neurosciences

**Peters, Jamie**  
**Metabotropic Glutamate Receptors Mediate Cocaine Relapse**  
Sponsor: NIH/NIDA  
Award: 5 F31 DA018486-02 (03121008)  
Budget Dates: 09/01/05 - 08/31/06  
Direct: $32,127  
Project Dates: 09/01/04 - 08/31/07  
F & A: 0

**Rohrer, Baerbel**  
**Rod Neurodegenerative and Protective-Genes**  
Sponsor: NIH/NEI  
Award: 5 R01 EY013520-04S1 (04052501)  
Budget Dates: 08/01/05 - 07/31/07  
Direct: $50,000  
Project Dates: 08/01/01 - 07/31/07  
F & A: 23,000

**Sambamurti, Kumar**  
**Effects of Cholinergic Drugs on APP Metabolism**  
Sponsor: Axony USA  
Award: (04010704)  
Budget Dates: 04/01/05 - 10/31/06  
Direct: $654,873  
Project Dates: 04/01/05 - 09/30/09  
F & A: 163,718

**See, Ronald**  
**Basolateral Amygdala - A Substrate for Relapse**  
Sponsor: NIH/NIDA  
Award: 5 R01 DA010462-10 (05032328)  
Budget Dates: 06/01/06 - 05/31/07  
Direct: $146,475  
Project Dates: 04/10/97 - 05/31/07  
F & A: 67,379

**Tyor, William**  
**Program Project Through University of Kentucky "Opiate Drug and CNS Vulnerability to HIV" Core B: Animals and Viral Proteins**  
Sponsor: Univ. of Kentucky  
Award: 6 R01 DA019398-01A1 (05011896)  
Budget Dates: 08/01/05 - 07/31/06  
Direct: $67,640  
Project Dates: 08/01/05 - 07/31/09  
F & A: 31,114

**VA MS Program**  
Sponsor: VAMC  
Award: (05080320)  
Budget Dates: 07/01/05 - 06/30/06  
Direct: $10,000  
Project Dates: 07/01/05 - 06/30/06  
F & A: 0

**Walker, Aljoeson**  
**Evaluation of the Safety, Tolerability and Impact on Biomarkers of Anti-Oxidant Treatment of Mild to Moderate Alzheimer’s Disease**  
Sponsor: Univ. of California, San Diego  
Award: 68AX (05102690)  
Budget Dates: 06/01/05 - 06/30/06  
Direct: $28,800  
Project Dates: 06/01/05 - 06/30/06  
F & A: 7,200

**Woodward, John**  
**Neural Actions of Toluene**  
Sponsor: NIH/NIDA  
Award: 5 R01 DA013951-05 (05011258)  
Budget Dates: 03/01/06 - 02/28/07  
Direct: $195,300  
Project Dates: 04/15/02 - 02/28/07  
F & A: 85,273

**Ethanol Sensitivity of Native and Cloned NMDA Receptors**  
Sponsor: NIH/NIAAA  
Award: 5 R01 AA009986-12 (05011365)  
Budget Dates: 04/01/06 - 03/31/07  
Direct: $134,269  
Project Dates: 08/01/05 - 03/31/09  
F & A: 61,764

### Ophthalmology

**Rohrer, Baerbel**  
**Cell Death Mechanisms in Experimental Glaucoma**  
Sponsor: Duke Univ.  
Award: 1 R01 EY016516-01 (05051608)  
Budget Dates: 08/01/05 - 06/30/06  
Direct: $21,976  
Project Dates: 08/01/05 - 05/31/10  
F & A: 10,109