# Annual Research Report

*Fiscal Year 2011*

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<th>Source</th>
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<td><strong>Total</strong></td>
<td>1,282</td>
<td><strong>$243,031,403</strong></td>
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For the fifteenth consecutive year, FY 2011 was yet another record breaking year for extramural research funding at the Medical University of South Carolina. MUSC’s Office of Research and Sponsored Programs (ORSP) recorded 1,282 awards for an overall extramural funding total of $243,031,403. This most recent record-high funding level represented an 8.88 million dollar increase from the previous year’s total. In FY 2011, MUSC’s researchers submitted 1,664 proposals for over 374.4 million dollars in proposed funding.

Table 1 indicates overall proposals in FY 2011 decreased by 5.5% compared with FY 2010. Though most units experienced declines in proposal submissions during FY 2011, three units (Administration, Graduate Studies and the College of Pharmacy) increased the number of proposals submitted.

Table 1 Proposal and Award Summary by College

MUSC’s total number of awards accepted in FY 2011 increased by 2.5%, up 31 awards from the previous year. Total awarded dollars grew by 3.8% over the FY 2010 total, resulting in over $243M in funding.
during FY 2011. Reviewing MUSC’s total funding by source reveals exactly where increases and decreases occurred when compared with data from the prior fiscal year.

Impact of ARRA (American Recovery and Reinvestment Act)

MUSC received 63 ARRA funded awards accounting for just under $19.7M ($19,696,040), which was nearly $11M less than the ARRA funding in FY 2010. Similar to last year most of the ARRA awards received in FY 2011 were again in the direct federal funding category (36), with the other 27 awards received in the federal flow-down area. Not surprisingly the National Institutes of Health (NIH), typically MUSC’s major source of extramural funding, was also MUSC’s largest sponsor of ARRA funding. NIH awarded 30 of the 36 ARRA awards in FY 2011, which accounted for just over $13M in ARRA funding for MUSC. The Agency for Healthcare Research and Quality (AHRQ), the Department of Energy (DOE) and the Health Resources and Services Administration (HRSA) also awarded ARRA funds in FY 2011.

Table 2 ARRA Funding Comparison

<table>
<thead>
<tr>
<th>ARRA Awards</th>
<th># of Awards</th>
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<tr>
<td></td>
<td>FY10</td>
<td>FY11</td>
</tr>
<tr>
<td>AHRQ</td>
<td>0</td>
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<tr>
<td>DOE</td>
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<td>HRSA</td>
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<td>NIH</td>
<td>87</td>
<td>30</td>
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<tr>
<td>Federal</td>
<td>87</td>
<td>36</td>
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<tr>
<td>Totals</td>
<td>123</td>
<td>63</td>
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</table>

Source and Agency Summary

Figure 2 2010 Funding by Source

Figure 3 2011 Funding by Source
The total number of awards received in the direct federal funding category decreased by 5.3% (486 awards in FY 2010 down to 460 in FY 2011). Similarly, MUSC’s overall direct federal funding level decreased from $155.6M in FY 2010 to $146.8M in FY 2011. This 5.65% decline from last year’s mark in the direct federal funding category reflects the reduced number of ARRA funded awards made to MUSC in FY 2011; all funding for ARRA awards was committed before the end of Federal FY 2010. Excluding ARRA funded award dollars from the direct federal funding total, MUSC actually experienced a 2.2% increase over the FY 2010 non-ARRA direct federal funding level.

As in the past, the NIH was again MUSC’s major source of overall extramural funding. NIH funding accounted for 48.8% of all funding received by MUSC and 80.7% of the direct federal funding category. MUSC earned 346 NIH awards (down 36 from FY 2010), constituting just over $118.5M in funding. As Table 3 shows, the 346 NIH awards MUSC tallied consisted of the following: 49 new, 19 competing continuations, 229 non-competing continuations, 30 supplements and 19 transfers. Both the new (down 35) and the supplement (down 47) award categories decreased significantly from a year ago primarily due to the end of ARRA funding opportunities.

Figure 4 2011 Federal Funding Breakdown

Federal Funding

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<tr>
<th>Agency</th>
<th># Awards</th>
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<td>Department of Justice</td>
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<td>DOD/ONR</td>
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<td>VAMC</td>
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<tr>
<td><strong>Total for Federal</strong></td>
<td><strong>460</strong></td>
<td><strong>$146,823,690</strong></td>
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<tr>
<td><em>(19 Agencies)</em></td>
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Figure 4 2011 Federal Funding Breakdown
Figure 4 shows the percentage breakdown by agency funding source of all direct federal funding awarded to MUSC this fiscal year. When comparing these data with FY 2010 data, the NIH percentage of all direct federal funding declined by 6.7% from last year. Increases in the percentages of all direct federal funding by source were recognized from the Department of Defense (up 2.19%), Health Resources and Services Administration (up 1.58%) and the Veterans Administration (up 1.35%). Most of the other agencies listed in Figure 4 showed little change from a year ago.

As Table 3 depicts, the number of awards was lower in every NIH award category with the exception of the Contracts category. Correspondingly the amount of funding received in nearly every award category was down from the FY 2010 levels. The exceptions were the investigator initiated research projects (R-awards), up over $2.2M and Contract awards, up over $1.6M from the prior year. Most all of the significant decreases in number of awards and the amount of funding in every award mechanism received from NIH were predominantly caused by the limited amount of ARRA supplements available in FY 2011. Many, though not all, of MUSC’s ARRA supplements received in FY 2010 were for one year only, and therefore were not awarded again in FY 2011. Though ARRA explains most of the reduction in NIH funding, it does not account for the entire decrease. Excluding ARRA funding in FY 2010 and FY 2011, MUSC still experienced a modest 3.3% decline in non-ARRA NIH funding from the previous year. However, the FY 2011 non-ARRA NIH funding increased by nearly 3% when compared to pre-ARRA FY 2009 funding.

### Federal Flow-Down Funding

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<td>SCUREF</td>
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**Total for Federal Flow-Down**

| (99 Agencies) | $25,856,049 |

The federal flow-down category remained relatively constant when compared with the FY 2010 data. During FY 2011 MUSC was awarded $25.8M in federal flow-down, up just .02% from the FY 2010 funding mark. ARRA funding for federal flow-down, in contrast to the direct federal funding category, increased 18.1% from the FY 2010 level. ARRA funding, at just over $4.2M in this category, accounted for 16.5% of all federal flow-down funds awarded to MUSC and helped maintain a consistent level of
funding in this sector. Overall, MUSC secured 271 (up 15.3% over the FY 2010 total) federal flow-down awards from 99 different sponsoring organizations.

## Foundation and Other Not for Profit Funding

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<tr>
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<tr>
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<td>Amer. College of Rheumatology</td>
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<td>Amer. Society of Transplant Surgeons</td>
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<td>CHEST Fdn.</td>
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<td>Fdn. for Excellence in Womens</td>
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<td>Health Care</td>
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## Total for Foundation (76 Agencies) $10,661,224
MUSC’s number of awards in the foundation funding category increased to 132 awards (up 14), but the overall funding level in FY2011 ($10.66M) was similar to FY2010 ($10.67M).

**State Funding**

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<td>SC EPSCOR</td>
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<tr>
<td>SC Research Authority</td>
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<tr>
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<td>SC Sea Grant Consortium</td>
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<td>SC Spinal Cord Injury Fund</td>
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<tr>
<td>SC Tobacco Collaborative</td>
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<tr>
<td>State of SC</td>
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<tr>
<td>Univ. of South Carolina</td>
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<tr>
<td><strong>Total for State of South Carolina (11 Agencies)</strong></td>
<td>35</td>
<td>$23,956,960</td>
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In FY 2011 state funding more than doubled the FY 2010 level ($10.3M) reaching $23.9M. This represented a 136.4% increase in the state funding category, and the total number of awards was up 10 from the prior year. Most of the increase in state funding can be attributed to the SmartState SC Centers of Economic Excellence program, whereby 9 MUSC researchers were awarded 10 awards accounting for just over $17.9M in funding to MUSC. These critically important investments by the State in key research and development areas will help reshape and strengthen South Carolina’s economy moving forward.

**Corporate Funding**

<table>
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<tr>
<td>Actelion Pharmaceuticals/Entelligence</td>
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<td>Advanced Cardiovascular Systems</td>
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<td>Alere Scarborough, Inc.</td>
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<td>Amgen</td>
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<td>Antisoma</td>
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<td>Apogee</td>
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<td>Arthrotec Corporation</td>
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<td>CSL Behring</td>
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<td>CTI Clinical Trial and Consulting</td>
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<td>Genentech, Inc.</td>
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</tbody>
</table>

In FY 2011 state funding more than doubled the FY 2010 level ($10.3M) reaching $23.9M. This represented a 136.4% increase in the state funding category, and the total number of awards was up 10 from the prior year. Most of the increase in state funding can be attributed to the SmartState SC Centers of Economic Excellence program, whereby 9 MUSC researchers were awarded 10 awards accounting for just over $17.9M in funding to MUSC. These critically important investments by the State in key research and development areas will help reshape and strengthen South Carolina’s economy moving forward.
<table>
<thead>
<tr>
<th>Agency</th>
<th># Awards</th>
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<td><strong>Total for Corporate (160 Agencies)</strong></td>
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MUSC’s corporate funding was another source that experienced an increase (up 15.5%). The total number of awards increased from 365 in FY 2010 to 374 in FY 2011, and the funding level grew from $30.6M to over $35.3M. This increase in the corporate funding sector included 18 corporate flow-through awards, accounting for just over $1.55M in corporate flow-through funding. Some of MUSC’s largest direct corporate projects were funded by St. Jude Medical, Inc., Medivation, Inc., Eli Lilly, Novartis and Ono Pharmaceutical.

### Other Support

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Total for Other Support (10 Agencies) $383,394
University Administration received 41 awards, an increase of two from the previous year. However, overall funding decreased by $2.13M, or 19.4%, mainly attributable to a decrease in federal funding for a large one-time construction/renovation project funded the prior year via ARRA funds. The reduction in direct federal funding was offset partially by modest increases in both federal flow-down funding (up $175K) and state funding (up $24K).

The College of Nursing earned 34 awards in FY 2011, up five from the FY 2010 total. Overall funding increased significantly in the College, up $2.1M, a 49.7% increase, to over $6.32M for the year. The College experienced growth in every source of funding. Unlike most other colleges/units, ARRA funding had little to no effect on the College’s funding. Federal and federal flow-down funding grew by $1.5M (up 44.3%) and $200K (up 62.9%), respectively. Foundation funding increased by $364K (up 73.7%), while state funding grew to just over the $47K funding level.

The College of Medicine had an increase of 36 awards for a total of 1,147 in FY 2011. This increase in awards resulted in a 5.4% increase ($11.1M) in overall funding, over $215.2M for the year. Both state and corporate funding grew by $12.9M (up 131.65%) and $4.65M (up 15.5%), respectively. These significant gains and a modest increase in federal flow down funding offset decreases experienced in the foundation and federal sectors. The College received 30 ARRA funded awards in the direct funding category totaling over $13.5M, down about $4.0M from the prior
year’s ARRA level, and 22 ARRA awards in the federal flow down category totaling over $2.5M (down 280K from a year ago). In spite of the ARRA funding reduction, the College’s FY 2011 NIH funding level ($108.8M) was over the $100M mark for the fourth consecutive year.

The College of Dental Medicine received 12 awards in FY 2011, four fewer than the previous year. Total funding for the College decreased by 22.2% to $4.18M for the year due almost entirely to a $1.18M decrease in federal funding. Similar to most other colleges/units decreased ARRA funding opportunities in FY 2011 caused the decline in the federal funding category. In contrast to a year ago, when the College received over $1.5M in ARRA funding, in FY 2011 ARRA funding was limited to $183K.

The College of Pharmacy received 20 awards in FY 2011, down 11 awards from the previous year. This resulted in a 15.3% ($780K) reduction of overall funding to $4.3M. In contrast to last year, decreased ARRA funding in FY 2011 contributed to the reductions recorded in the federal funding category. Though the College experienced decreases in federal (down 38.2%) and federal flow-down (down 71.7%) funding from the previous year, the College also had significant gains in corporate (up 1081%) and state (up 935%) funding.

The College of Health Professions received 26 awards in FY 2011, up four awards from a year ago. Total funding increased by 9.66% over the prior year, which resulted in an overall funding level of $4.1M. The College was the only college/unit that experienced an increase in ARRA funding from FY 2010 to FY 2011. The ARRA increase occurred in the direct federal funding category, whereby ARRA funding grew from $430K to $1.07M in FY 2011. Both federal (up 10.9%) and state (up 133.4 %) funding categories increased, more than offsetting any decreases recorded from the other sources.
## Proposal and Award Summary List

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RESEARCH FACULTY ACTIVITY FY 2011

Administration

Academic Affairs/Provost

Principal Investigator

**Lanier, Stephen**

**SmartState Endowed Chair for Health Informatics Quality and Safety Evaluations (USC)**

- Sponsor: MUSC Fdn.
- Award: COEE (11120277)
- Direct: $28,955
- Project Dates: 07/01/10 - 06/30/12

**SmartState Endowed Chair in Stroke Neurology (USC)**

- Sponsor: MUSC Fdn.
- Award: COEE (11120278)
- Direct: $18,250
- Project Dates: 07/01/10 - 06/30/12

Library Science and Informatics

**Hill, Monique**

**Exhibit: SC HIV/STD, School Nurse, and SC Primary Health Conferences; and East Migrant Stream Forum**

- Sponsor: Univ. of Maryland
- Award: N01-LM-6-3502 (10082725)
- Direct: $4,000
- Project Dates: 10/01/10 - 04/30/11

**Exhibit - SC Rural Health Conference (April 12-13, 2011)**

- Sponsor: Univ. of Maryland
- Award: N01-LM-6-3502 (10120628)
- Direct: $2,000
- Project Dates: 03/01/11 - 04/30/11

**Exhibit: SC Dental Association Meeting**

- Sponsor: Univ. of Maryland
- Award: N01-LM-6-3502 (11010520)
- Direct: $2,000
- Project Dates: 01/28/11 - 04/30/11

**NLN Symposium for Information Professionals Meeting Disaster Health Information Needs**

- Sponsor: Univ. of Maryland
- Award: N01-LM-6-3502 (11012408)
- Direct: $951
- Project Dates: 02/01/11 - 05/31/11

**Hoffius, Susan**

**Picture of Health Part 2**

- Sponsor: MUSC Fdn.
- Award: 2010-207 (10032924)
- Direct: $24,000
- Project Dates: 07/15/10 - 12/31/11

**Kerr, Lisa**

**Writing and Healing: Conversations about the Humanities and Health Care**

- Sponsor: The Humanities Council SC
- Award: 10-1355-2 (10052190)
- Direct: $1,300
- Project Dates: 07/01/10 - 09/30/10

**Mauldin, Mary**

**Technology/Electronic Health Information Awareness Award**

- Sponsor: Univ. of Maryland
- Award: N01-LM-6-3502 (10021941)
- Direct: $4,800
- Project Dates: 05/01/10 - 04/30/11

Co-Investigator

**Charleston County Teen and Family EMPOWER Program**

- PI: Carla Danielson
- Dept: Psychiatry and Behavioral Sciences
- Sponsor: SAMHSA
- Award: 5 U79 SP015156-03 (10030521-1)
- Total: $258,839

**Web-Based Intervention for Disaster-Affected Adolescents and Families**

- PI: Kenneth Ruggiero
- Dept: Psychiatry and Behavioral Sciences
- Sponsor: NIH/NIMH
- Award: 5 R01 MH081056-03 (10051004-1)
- Total: $374,420

**Development and Evaluation of an Online Dental Student Alcohol Curriculum**

- PI: Peter Miller
- Dept: Psychiatry and Behavioral Sciences
- Sponsor: NIH/NIAAA
- Award: 1 R25 AA019647-01A1 (10051222-1)
- Total: $145,130

**National Center for Disaster Mental Health Research-Phase II**

- PI: Dean Kilpatrick
- Dept: Psychiatry and Behavioral Sciences
- Sponsor: Dartmouth Coll.
- Award: 496/5 P60 MH082598 (10100685-1)
- Total: $44,910
Mauldin, Mary  Co-Investigator
 Assistance to Firefighters Grant Program - Fire Prevention and Safety Grants
 PI: Kenneth Ruggiero  Sponsor: Department of Homeland Sec  Total: $ 368,946
 Dept: Psychiatry and Behavioral Sciences  Award: EMW-2010-FP-01518 (11012862-1)

Moorer, Candace  Principal Investigator
 Express Mobile Technology Pilot Project Award
 Sponsor: Univ. of Maryland  Budget Dates: 07/01/10 - 06/30/11  Direct: $ 6,000
 Award: PO#SR0001244 (10060246)  Project Dates: 07/01/10 - 06/30/11  F & A: 0

Express Library Technology Improvement - Digital E Project
 Sponsor: Univ. of Maryland  Budget Dates: 07/01/10 - 04/30/11  Direct: $ 3,500
 Award: N01-CM-6-3502 (10060247)  Project Dates: 07/01/10 - 04/30/11  F & A: 0

Rivers, David  Principal Investigator
 Corp. Support - National Conference on Health Disparities
 Sponsor: Multiple Sponsors  Budget Dates: 02/01/07 - 12/31/10  Direct: $ 70,000
 Award: Conference (07012513)  Project Dates: 02/01/07 - 12/31/10  F & A: 0

Corp. Support - Nuclear Energy Conference
 Sponsor: Multiple Sponsors  Budget Dates: 03/01/08 - 12/31/11  Direct: $ 32,871
 Award: Conference (08022189)  Project Dates: 03/01/08 - 12/31/11  F & A: 0

SCSU - Environmental Policy Outreach Initiative
 Sponsor: SC State Univ.  Budget Dates: 09/30/10 - 09/29/11  Direct: $ 515,873
 Award: 06-441850-UTC-MUSC-SC (10021179)  Project Dates: 09/30/10 - 09/29/11  F & A: 134,127

Community Leaders Institute
 Sponsor: DOE  Budget Dates: 10/01/10 - 09/30/11  Direct: $ 238,095
 Award: DE-LM0000122 (10060889)  Project Dates: 10/01/10 - 09/30/11  F & A: 61,905

4th National Health Disparities Conference (partial support)
 Sponsor: National Hispanic Medical Association  Budget Dates: 10/01/10 - 09/30/11  Direct: $ 45,455
 Award: (10093059)  Project Dates: 10/01/10 - 09/30/11  F & A: 4,545

Lilly USA - NCHD Conference Support Yr2
 Sponsor: Eli Lilly  Budget Dates: 11/01/10 - 03/31/11  Direct: $ 10,000
 Award: 100209809 (10102776)  Project Dates: 11/01/10 - 03/31/11  F & A: 0

Community Leaders Institute
 Sponsor: DOE  Budget Dates: 10/01/10 - 09/30/11  Direct: $ 66,177
 Award: DE-LM0000122 (11010418)  Project Dates: 10/01/10 - 09/30/11  F & A: 17,206

Community Leaders Institutes and Workshops
 Sponsor: SCUREF  Budget Dates: 04/04/11 - 04/03/12  Direct: $ 97,703
 Award: WEST195/TO#KT03540-O (11022853)  Project Dates: 04/04/11 - 04/03/12  F & A: 25,403

Co-PI/Project Director
Southeastern Virtual Institute for Health Equity and Wellness (SE VIEW)- Project 11
 PI: Sabra Slaughter  Sponsor: US Army/USAMRAA  Total: $ 344,216
 Dept: Presidents Office  Award: W81XWH-10-2-0057 (10071968-12)

Smith, Thomas  Co-PI/Project Director
Writing and Healing: Conversations about the Humanities and Health Care
 PI: Lisa Kerr  Sponsor: The Humanities Council SC  Total: $ 1,300
 Dept: Library Science and Informatics  Award: 10-1355-2 (10082190-1)

Sullivan, Joann  Principal Investigator
SC Space Grant 2010
 Sponsor: Coll. of Charleston  Budget Dates: 06/25/10 - 06/24/11  Direct: $ 3,000
 Award: 18-SG-MUSC_Sullivan-Direc (10011498)  Project Dates: 06/25/10 - 06/24/15  F & A: 0

Physical Plant
Malmrose, John  Principal Investigator
State Energy Program (SEP) for Energy Efficiency Funding - ARRA
 Award: S09-0093 (09121178)  Project Dates: 12/09/09 - 07/31/11  F & A: 0
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Kennedy, D.  
**Co-PI/Project Director**  
Palmetto State Geriatric Education Centers  
**PI:** David Garr  
**Dept:** SC AHEC  
**Sponsor:** Univ. of South Carolina  
**Total:** $55,370  
**Award:** 11-907/UB4HP19212 (10090865-1)
Craniofacial Biology

DeFee, Michael

**Principal Investigator**

**The Role of Cell Surface Heat Shock Protein 90 in KSHV Pathogenesis**

Sponsor: NIH/NIDCR  
Award: 5 F30 DE020203-02 (10093053)  
Budget Dates: 12/01/10 - 11/30/11  
Direct: $47,600  
Project Dates: 12/01/09 - 11/30/13  
F & A: $0

Jakymiw, Andrew

**Principal Investigator**

**RNA Silencing in the Oral Cavity**

Sponsor: NIH/NIDCR  
Award: 4 R00 DE18191-03 (10080222)  
Budget Dates: 09/15/10 - 08/31/11  
Direct: $214,231  
Project Dates: 09/15/10 - 08/31/13  
F & A: $83,820

Kirkwood, Keith

**Principal Investigator**

**Post-Transcriptional Regulation of Periodontal Diseases**

Sponsor: NIH/NIDCR  
Award: 5 T32 DE017551-05 (10020342)  
Budget Dates: 07/01/10 - 06/30/11  
Direct: $529,968  
Project Dates: 07/01/06 - 06/30/11  
F & A: $32,933

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

Sponsor: NIH/NIDCR  
Award: 5 R01 DE018290-06 (10122090)  
Budget Dates: 02/07/07 - 01/31/12  
Direct: $218,439  
Project Dates: 02/01/11 - 01/31/12  
F & A: $103,759

**SC COBRE for Oral Health Research**

Sponsor: NIH/NCRR  
Award: 5 P20 RR017696-10 (12010045-7)  
Budget Dates: 06/01/11 - 05/31/12  
Direct: $1,496,338  
Project Dates: 03/01/11 - 12/31/11  
F & A: $629,276

**Co-Investigator**

**Targeting mTOR as a Novel Mechanism-Based Therapy for Head and Neck Cancer**

PI: M. Young  
Sponsor: NIH/NCI  
Budget Dates: 09/30/02 - 05/31/12  
Direct: $75,467  
Project Dates: 03/01/02 - 12/31/11  
F & A: $0

**The Effect of Statin on Diabetes-Associated Peridontal Disease**

PI: Yan Huang  
Sponsor: NIH/NIDCR  
Budget Dates: 07/01/09 - 03/31/11  
Direct: $17,500  
Project Dates: 04/01/09 - 03/31/12  
F & A: $0

**The Effect of Statin on Diabetes-Associated Peridontal Disease**

PI: Yan Huang  
Sponsor: NIH/NIDCD  
Budget Dates: 04/01/11 - 03/31/12  
Direct: $160,636  
Project Dates: 04/01/11 - 03/31/12  
F & A: $76,302

McAbee, Justin

**Principal Investigator**

**Role of MAP Kinase Phosphatase-1 in Periapical Infection-Driven Bone Loss**

Sponsor: Amer. Assoc. of Endodontists  
Award: 11020312  
Budget Dates: 03/01/11 - 12/31/11  
Direct: $8,166  
Project Dates: 03/01/11 - 12/31/11  
F & A: $0

Palanisamy, Viswanatha

**Principal Investigator**

**Regulation of mRNA Stability in Human Saliva**

Sponsor: NIH/NIDCR  
Award: 5 R00 DE018165-05 (11011149)  
Budget Dates: 04/01/11 - 03/31/12  
Direct: $160,636  
Project Dates: 04/01/09 - 03/31/12  
F & A: $76,302

**SC COBRE for Oral Health Research**

PI: Keith Kirkwood  
Sponsor: NIH/NCRR  
Budget Dates: 06/01/11 - 05/31/12  
Direct: $125,000  
Project Dates: 09/30/02 - 05/31/12  
F & A: $1,496,338  
Award: 5 P20 RR017696-10 (12010045)  
F & A: $629,276
Pilcher, Elizabeth

**Principal Investigator**

**MUSC Advanced Education in General Dentistry Program**

Sponsor: HRSA

Award: 1 D88HP20116-01-00 (10040256)

Budget Dates: 09/01/10 - 06/30/11  
Direct: $ 297,930

F & A: 20,674

Ravenel, Michele

**Co-Investigator**

Development and Evaluation of an Online Dental Student Alcohol Curriculum

PI: Peter Miller  
Sponsor: NIH/NIAAA  
Total: $ 145,130

Sentelle, Richard

**Principal Investigator**

Role of Ceramide in Inducing Lethal Autophagy in Head and Neck Cancer

Sponsor: NIH/NIDCR

Award: 1 F30 DE021295-01 (09120744)

Westwater, Caroline

**Principal Investigator**

In Vivo Induction of Candida Albicans Morphogenesis

Sponsor: NIH/NIAID  
Total: $ 124,287

Yu, Hong

**Mentor**

Role of MAP Kinase Phosphatase-1 in Periapical Infection-Driven Bone Loss

PI: Justin McAbee  
Sponsor: Amer. Assoc. of Endodontists  
Total: $ 8,166

**Pediatric Dentistry and Orthodontics**

Salinas, Carlos

**Principal Investigator**

Craniofacial Anomalies and Cleft Lip and Palate Team

Sponsor: SC DHEC  
Total: $ 27,970

Co-PI/Project Director

SC COBRE for Oral Health Research (Core C)

PI: Keith Kirkwood  
Dept: Craniofacial Biology  
Total: $ 151,948

Leite, Renata

**Co-Investigator**

Robust Spatial Models for Clustered Periodontal Data

PI: Dipankar Bandyopadhyay  
Dept: Medicine  
Total: $ 106,780

Stomatologo

**Co-Investigator**

Robust Nonparametric Methods with Variable Selection for Clustered Dental Data

PI: Dipankar Bandyopadhyay  
Dept: Medicine  
Total: $ 117,550

Post-Transcriptional Regulation of Periodontal Diseases

PI: Keith Kirkwood  
Dept: Craniofacial Biology  
Total: $ 529,968

Oral Home Telecare for Tetraplegics

PI: Hon Yuen  
Dept: Rehabilitation Sciences  
Total: $ 127,844
Leite, Renata

Co-Investigator
SC COBRE for Oral Health Research (Core C)
PI: Keith Kirkwood
Dept: Craniofacial Biology

Sponsor: NIH/NCRR
Award: 5 P20 RR017696-10 (12010045-4)

Total: $ 151,948
RESEARCH FACULTY ACTIVITY FY 2011

College of Graduate Studies

Graduate Studies

Bertin, Matthew

Principal Investigator
New Insights into Prymnesium Parvum Toxicity: Fatty Acid Amides
Sponsor: Slocum-Lunz Fdn.  
Award: (11050990)  
Budget Dates: 06/01/11 - 12/31/11  
Project Dates: 06/01/11 - 12/31/11  
Direct: $800  
F & A: 0

Moeller, Peter

Mentor
New Insights into Prymnesium Parvum Toxicity: Fatty Acid Amides
PI: Matthew Bertin  
Sponsor: Slocum-Lunz Fdn.  
Project Dates: 06/01/11 - 12/31/11  
Total: $800

Morris, Keely

Principal Investigator
The Role of Complement in Hepatic Ischenia Reperfusion Injury and Regeneration
Sponsor: NIH/NIDDK  
Award: 5 F30 DK089696-02 (11032804)  
Budget Dates: 06/01/10 - 05/31/12  
Project Dates: 06/01/10 - 05/31/14  
Direct: $40,423  
F & A: 0
RESEARCH FACULTY ACTIVITY FY 2011

College of Health Professions

Health Professions

Bailey, Jennifer
Co-Investigator
Transitioning and Integrating Graduate Education in Rural Education
PI: Paul Jacques  Sponsor: HRSA  Total: $ 280,359
Dept: Health Professions  Award: D5BHP20435 (10051959-1)

Brotherton, Sandra
Co-Investigator
Ambulation and Secondary Complications: Participants with Chronic Spinal Cord Injury
PI: James Krause  Sponsor: Dept. of Education  Total: $ 135,578
Dept: Health Sciences and Research  Award: H133G090059-10 (10061779-1)

Chipas, Anthony
Principal Investigator
Nurse Anesthetist Traineeships 2010
Sponsor: HRSA  Budget Dates: 07/01/10 - 06/30/11  Direct: $ 4,754
Award: 2 A22HP00023-11-00 (09120122)  Project Dates: 07/01/00 - 06/30/11  F & A: 0

Coker, Patricia
Principal Investigator
Camp Hand to Hands 2010
Sponsor: Coastal Community Fdn. of SC  Budget Dates: 08/01/10 - 07/31/11  Direct: $ 2,500
Award: (10060362)  Project Dates: 08/01/10 - 07/31/11  F & A: 0

Dean, Jesse
Principal Investigator
Development of a Passive Elastic Exoskeleton for Gait Rehabilitation
Sponsor: NIH/NICHD  Budget Dates: 04/15/11 - 03/31/12  Direct: $ 125,000
Award: 1 R21 HD664964-01A1 (10071444)  Project Dates: 04/15/11 - 03/31/13  F & A: 48,670

Ellis, Jr., Charles
Principal Investigator
Racial/Ethnic Differences in Post-Stroke Outcomes
Sponsor: VAMC  Budget Dates: 08/01/10 - 07/31/11  Direct: $ 95,800
Award: (09102973)  Project Dates: 08/01/09 - 07/31/11  F & A: 0

Jacques, Paul
Principal Investigator
Transitioning and Integrating Graduate Education in Rural Education
Sponsor: HRSA  Budget Dates: 09/01/10 - 08/31/11  Direct: $ 280,359
Award: D5BHP20435 (10051959)  Project Dates: 09/01/10 - 08/31/15  F & A: 22,429

Kazley, Abby
Co-Investigator
Prevention of Stroke after STOP, A Retrospective Chart Review
PI: Robert Adams  Sponsor: NIH/NHLBI  Total: $ 467,433
Dept: Neurosciences  Award: 5 R01 HL096789-02 (10072081-1)

Mitcham, Maralynne
Co-Investigator
Transitioning and Integrating Graduate Education in Rural Education
PI: Paul Jacques  Sponsor: HRSA  Total: $ 280,359
Dept: Health Professions  Award: D5BHP20435 (10051959-1)

Morrisette, David
Co-Investigator
Ambulation and Secondary Complications: Participants with Chronic Spinal Cord Injury
PI: James Krause  Sponsor: Dept. of Education  Total: $ 135,578
Dept: Health Sciences and Research  Award: H133G090059-10 (10061779-1)
White, Andrea

Co-Investigator
Pre-Doctoral Training in Primary Care: Motivate for Health
PI: Alexander Chessman  Sponsor: HRSA  Total: $129,630
Dept: Family Medicine  Award: 5 D56HP10309-03-00 (10071553-1)

Woody, Jaime

Co-Investigator
Transitioning and Integrating Graduate Education in Rural Education
PI: Paul Jacques  Sponsor: HRSA  Total: $280,359
Dept: Health Professions  Award: D5BHP20435 (10051959-1)

Health Sciences and Research

Bonilha, Heather

Principal Investigator
Throat Clearing, Coughing, and Alternative Behavior
Sponsor: NIH/NIDCD  Budget Dates: 01/01/10 - 12/31/11  Direct: $99,698
Award: 7 R03 DC008403-03 (09100565)  Project Dates: 01/01/08 - 12/31/11  F & A: 22,419

Bowden, Mark

Principal Investigator
Task-Specific Propulsion Training after Neurological Injury
Sponsor: Georgetown University  Budget Dates: 07/01/10 - 11/30/11  Direct: $25,000
Award: RX422-057-MUSC-PILOTPROJ (10062418)  Project Dates: 07/01/10 - 11/30/11  F & A: 0

Propulsive Training in Incomplete Spinal Cord Injury
Award: SCIRF 10-003 (10120223)  Project Dates: 12/01/10 - 11/30/13  F & A: 0

Evaluation of Walking Specific Motor Learning in Chronic Stroke
Sponsor: VAMC  Budget Dates: 02/01/10 - 01/31/11  Direct: $106,022
Award: B7177-M (12020258)  Project Dates: 02/01/10 - 01/31/12  F & A: 0

Co-Investigator
Development of a Passive Elastic Exoskeleton for Gait Rehabilitation
PI: Jesse Dean  Sponsor: NIH/NICHD  Total: $125,000
Dept: Health Professions  Award: 1 R21 HD064964-01A1 (10071444-1)

Embry, Aaron

Co-Investigator
Development of a Rehabilitation Research Program to Study the Biomechanics of Walking Following Incomplete Spinal Cord Injury
PI: Chris Gregory  Sponsor: SC Spinal Cord Injury Fund  Total: $57,417
Dept: Health Sciences and Research  Award: SCIRF 10-003 (10120222-1)

Propulsive Training in Incomplete Spinal Cord Injury
PI: Mark Bowden  Sponsor: SC Spinal Cord Injury Fund  Total: $68,269
Dept: Health Sciences and Research  Award: SCIRF 10-003 (10120223-1)

Gregory, Christopher

Principal Investigator
Development of a Rehabilitation Research Program to Study the Biomechanics of Walking Following Incomplete Spinal Cord Injury
Sponsor: SC Spinal Cord Injury Fund  Budget Dates: 12/01/10 - 11/30/11  Direct: $57,417
Award: SCIRF 10-004 (10120222)  Project Dates: 12/01/10 - 11/30/13  F & A: 0

Skeletal Muscle Properties and the Metabolic Cost of Walking Post-Stroke
Sponsor: VAMC  Budget Dates: 08/01/10 - 07/31/11  Direct: $170,929
Award: B6341W (12020259)  Project Dates: 08/01/08 - 07/31/12  F & A: 0

Kautz, Steven

Principal Investigator
Development of a SimTK-based Framework for Hemiparetic Walking Assessment
Sponsor: Univ. of Texas  Budget Dates: 07/01/10 - 03/31/11  Direct: $20,477
Award: UTA10-000455/R01 NS055380 (10020334)  Project Dates: 07/01/10 - 03/31/13  F & A: 9,726

Intermuscular Coordination of Hemiparetic Walking
Sponsor: NIH/NICHD  Budget Dates: 09/30/10 - 06/30/12  Direct: $247,581
Award: 2 R01 HD046820-06A1 (10070180)  Project Dates: 09/30/10 - 06/30/12  F & A: 116,224

Co-Investigator
South Carolina Clinical and Translational Research Institute (UL1)
PI: Kathleen Brady  Sponsor: NIH/NCRR  Total: $2,477,854
Dept: Psychiatry and Behavioral Sciences  Award: 5 UL1 RR029882-03 (11012750-1)
Krause, James

**Principal Investigator**

**Research Development Core (FY2010 - 2011)**

- **Sponsor:** SC Spinal Cord Injury Fund  
  **Budget Dates:** 07/01/10 - 10/31/11  
  **Direct:** $134,511

- **Ambulation and Secondary Complications: Participants with Chronic Spinal Cord Injury**
  - **Sponsor:** Dept. of Education  
  **Budget Dates:** 10/01/10 - 09/30/11  
  **Direct:** $135,578

- **Center on Health Outcomes Research and Capacity Building for Underserved Populations with SCI and TBI**
  - **Sponsor:** Dept. of Education  
  **Budget Dates:** 10/01/10 - 09/30/11  
  **Direct:** $267,139

- **Rehabilitation and Research Training Center on Secondary Conditions in Individuals with SCI**
  - **Sponsor:** Dept. of Education  
  **Budget Dates:** 10/01/10 - 09/30/11  
  **Direct:** $719,748

**Co-Investigator**

Measuring Outcomes after Spinal Cord Injury Throughout South Carolina: A System of Tracking, Research, and Referral

- **PI:** Lee Saunders  
- **Sponsor:** SC Spinal Cord Injury Fund  
- **Award:** SCIRF09-001 (09120850-2)  
- **Dept:** Health Sciences and Research  
- **Total:** $195,000

Nott, Cameron

**Co-Investigator**

Development of a Rehabilitation Research Program to Study the Biomechanics of Walking Following Incomplete Spinal Cord Injury

- **PI:** Chris Gregory  
- **Sponsor:** SC Spinal Cord Injury Fund  
- **Award:** SCIRF 10-004 (10120222-1)  
- **Dept:** Health Sciences and Research  
- **Total:** $57,417

Saladin, Michael

**Principal Investigator**

Treatment Implications of Trauma Memory Modulation for PTSD and Alcohol Dependence

- **Sponsor:** NIH/NIAAA  
  **Budget Dates:** 09/01/10 - 08/31/12  
  **Direct:** $282,687

- **Co-Investigator**
  The Impact of Real-Time fMRI Feedback on Response to Nicotine Cues
  - **PI:** Kathleen Brady  
  - **Sponsor:** NIH/NIDA  
  - **Award:** 4 R33 DA026085-03 (10042857-1)  
  - **Dept:** Psychiatry and Behavioral Sciences  
  - **Total:** $357,208

  ORWH: SCOR on Sex and Gender Factors Affecting Women's Health (Project 4)
  - **PI:** Kathleen Brady  
  - **Sponsor:** NIH/NIDA  
  - **Award:** 5 P50 DA016511-09 (10042959-4)  
  - **Dept:** Psychiatry and Behavioral Sciences  
  - **Total:** $150,280

  D-Cycloserine Facilitation of Cocaine-Cue Extinction
  - **PI:** Kathleen Brady  
  - **Sponsor:** NIH/NIDA  
  - **Award:** 5 R01 DA023188-04 (11041167-1)  
  - **Dept:** Psychiatry and Behavioral Sciences  
  - **Total:** $246,128

Saunders, Lee

**Principal Investigator**

Measuring Outcomes after Spinal Cord Injury Throughout South Carolina: A System of Tracking, Research, and Referral

- **Sponsor:** SC Spinal Cord Injury Fund  
  **Budget Dates:** 12/01/10 - 11/30/11  
  **Direct:** $195,000

- **Co-Investigator**
  Research Development Core (FY2010 - 2011)
  - **PI:** James Krause  
  - **Dept:** Health Sciences and Research  
  - **Award:** SCIRF09-001 (09120850)  
  - **Total:** $69,985

  Research Development Core (FY2009 - 2010)
  - **PI:** James Krause  
  - **Dept:** Health Sciences and Research  
  - **Award:** SCIRF09-001 (09120850)  
  - **Total:** $64,526

  Center on Health Outcomes Research and Capacity Building for Underserved Populations with SCI and TBI
  - **PI:** James Krause  
  - **Dept:** Health Sciences and Research  
  - **Award:** H133A080064-10 (10061780)  
  - **Total:** $267,139

Medical University of South Carolina
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<td>07/01/10 - 07/31/10</td>
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RESEARCH FACULTY ACTIVITY FY 2011

College of Medicine

Anesthesia and Perioperative Medicine

Abernathy, III, James  Principal Investigator
Translating CER Results from ICU Study to Improve Outcomes in Cardiac Surgery
Sponsor: Johns Hopkins Univ.  Budget Dates: 09/30/10 - 07/31/11  Direct: $ 25,881
Award: R18 HS019934-01 (11051940)  Project Dates: 09/30/10 - 07/31/11  F & A: 12,283

Craig, Jean  Principal Investigator
Mass Casualty Triage Validation Study
Sponsor: Univ. of South Carolina  Budget Dates: 10/04/10 - 07/31/11  Direct: $ 10,448
Award: 11-1885/R21 LM010833-01 (10102055)  Project Dates: 10/04/10 - 07/31/12  F & A: 4,963

McEvoy, Matthew  Principal Investigator
Testing the Validity, Reliability, and Efficacy of Educational Methodologies in High-Fidelity Simulation to Increase Adherence to ACLS Guidelines: Foundation for Anesthesia Education and Research
Sponsor: Foundation for Anesthesia  Budget Dates: 07/01/10 - 12/30/11  Direct: $ 50,000
Award: (09060839)  Project Dates: 07/01/09 - 12/30/11  F & A: 0

Reeves, Scott  Co-Investigator
Bilateral Epidural Prefrontal Cortical Stimulation (EpCS) for Treatment-Resistant Depression
PI: Ziad Nahas  Sponsor: NARSAD  Total: $ 55,382
Dept: Psychiatry and Behavioral Sciences  Award: (10030520-1)

Sanderson, Iain  Principal Investigator
Dr. Sanderson HSSC
Sponsor: Health Sciences SC  Budget Dates: 07/01/08 - 06/30/12  Direct: $ 599,929
Award: (09021180)  Project Dates: 07/01/08 - 06/30/12  F & A: 0

Go Grant: An Open Source Research Permissions Management System for South Carolina
Sponsor: Univ. of South Carolina  Budget Dates: 09/30/10 - 09/29/11  Direct: $ 303,264
Award: 11-1875/RC2 LM010796-02 (10120738)  Project Dates: 09/30/09 - 09/29/11  F & A: 144,050

Biochemistry and Molecular Biology

Bielawska, Alicja  Co-PI/Project Director
COBRE in Lipidomics and Pathobiology (Core B - Lipidomics)
PI: Lina Obeid  Sponsor: NIH/NCRR  Total: $ 250,000
Dept: Biochemistry and Molecular Biology  Award: 5 P20 RR017677-09 (10060350-4)

Sphingolipids in Cancer Biology and Therapy (Core B)
PI: Yusuf Hannun  Sponsor: NIH/NCI  Total: $ 134,919
Dept: Biochemistry and Molecular Biology  Award: 5 P01 CA097132-08 (10060360-3)

MUSC CCSG: Lipidomics Shared Resource
PI: Andrew Kraft  Sponsor: NIH/NCI  Total: $ 55,197
Dept: Medicine  Award: 5 P30 CA138313-03 (11012102-8)

Bielawska, Jacek  Co-Investigator
Sphingolipids in Cancer Biology and Therapy (Core B)
PI: Yusuf Hannun  Sponsor: NIH/NCI  Total: $ 134,919
Dept: Biochemistry and Molecular Biology  Award: 5 P01 CA097132-08 (10060360-3)
### Bullesbach, Erika

**Co-Investigator**

COBRE in Lipidomics and Pathobiology (Core D - Protein Science)  
**PI:** Lina Obeid  
**Sponsor:** NIH/NCRR  
**Dept:** Biochemistry and Molecular Biology  
**Award:** 5 P20 RR017677-09 (10060350-6)  
**Total:** $88,439

**COBRE in Lipidomics and Pathobiology (Core D - Protein Science)**  
**PI:** Lina Obeid  
**Sponsor:** NIH/NCRR  
**Dept:** Biochemistry and Molecular Biology  
**Award:** 5 P20 RR017677-09 (10060350-6)  
**Total:** $88,439

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### Chao, Julie

**Principal Investigator**

**Regulation and Function of Tissue Kallikrein**  
**Sponsor:** NIH/NHLBI  
**Budget Dates:** 07/01/10 - 05/31/11  
**Direct:** $250,000  
**F & A:** $118,750

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### Cowart, Lauren

**Principal Investigator**

**Sphingolipid-Mediated Skeletal Muscle Pathology in Response to Free Fatty Acids**  
**Sponsor:** VAMC  
**Budget Dates:** 04/01/11 - 03/31/12  
**Direct:** $258,300  
**F & A:** $118,750

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### Davies, Christopher

**Co-PI/Project Director**

**COBRE in Lipidomics and Pathobiology (Core D - Protein Science)**  
**PI:** Lina Obeid  
**Sponsor:** NIH/NCRR  
**Dept:** Biochemistry and Molecular Biology  
**Award:** 5 P20 RR017677-09 (10060350-6)  
**Total:** $88,439

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### Del Poeta, Maurizio

**Principal Investigator**

**GANN in Lipidomics and Systems Biology**  
**Sponsor:** Dept. of Education  
**Budget Dates:** 08/16/10 - 08/15/11  
**Direct:** $131,265  
**F & A:** $0

**Sphingolipid-Mediated Fungal Pathogenesis**  
**Sponsor:** NIH/NIAID  
**Budget Dates:** 09/01/10 - 08/31/11  
**Direct:** $198,000  
**F & A:** $94,050

**8th International Conference on Cryptococcus and Cryptococcosis**  
**Sponsor:** NIH/NIAID  
**Budget Dates:** 04/15/11 - 03/31/12  
**Direct:** $15,000  
**F & A:** $0

**Role of Phagocytosis in Pathogenesis of Cryptococcus Neoformans**  
**Sponsor:** NIH/NIAID  
**Budget Dates:** 12/01/10 - 11/30/11  
**Direct:** $233,749  
**F & A:** $107,840

**In Vivo Induction of Candida Albicans Morphogenesis**  
**PI:** Caroline Westwater  
**Sponsor:** NIH/NIAID  
**Dept:** Craniofacial Biology  
**Award:** 5 R21 AI078098-02 (08031293-2)  
**Total:** $124,287

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### Duggan, Brendan

**Co-Investigator**

**Rev-Dependent Nuclear Export of RNA**  
**PI:** Mirko Hennig  
**Sponsor:** NIH/NIAID  
**Dept:** Biochemistry and Molecular Biology  
**Award:** 5 R21 AI081640-02 (09010664-2)  
**Total:** $137,485

**COBRE in Lipidomics and Pathobiology (Core D - Protein Science)**  
**PI:** Lina Obeid  
**Sponsor:** NIH/NCRR  
**Dept:** Biochemistry and Molecular Biology  
**Award:** 5 P20 RR017677-09 (10060350-6)  
**Total:** $88,439

---

### Fedarovich, Alena

**Co-Investigator**

**COBRE in Lipidomics and Pathobiology (Core D - Protein Science)**  
**PI:** Lina Obeid  
**Sponsor:** NIH/NCRR  
**Dept:** Biochemistry and Molecular Biology  
**Award:** 5 P20 RR017677-09 (10060350-6)  
**Total:** $88,439
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<td>Development of Lipid Therapeutics for Fatty Acid 2-Hydroxylace Deficiency</td>
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<td>Ceramide Activated Protein Phosphatases</td>
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<td>Identification of Novel Drug Targets in Spingolipid Area</td>
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<td>CAREER: Structural Requirements for miRNA Processing and Export</td>
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<td>Application of Fluorine-19 Labeled RNA in Ligand-Binding Studies</td>
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<td>Characterization of SARS-CoV Frameshift Signal</td>
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<td>A Structure-Function Analysis of let-7g miRNA Regulation by Lin28</td>
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<td>Joseph, Kusumam</td>
<td>Effects of Aliskiren upon Bradykinin Degradation</td>
<td>Sponsor: Novartis Corp.</td>
<td>$67,556</td>
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<td>Formation of Bradykinin and Its Inhibition by C1 Inhibitor in Hereditary Angioedema</td>
<td>Sponsor: Shire Human Genetics Therapies, Inc.</td>
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<td>Nuclear Function of Glycine N-Methyltransferase</td>
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<td>Nuclear Function of Glycine N-Methyltransferase eSNAP</td>
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<td>Mechanism of Action of a Major Folate Enzyme</td>
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<td>FDH: A Novel Determinant of Tumor Suppression</td>
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<td>Liver Preservation for Transplantation</td>
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<td>Ogretmen, Besim</td>
<td>C-18-Ceramid in Head and Neck Cancer Growth and Therapy</td>
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Ogretmen, Besim

**Principal Investigator**

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

Sponsor: NIH/NCI  
Award: 5 R01 CA088932-09 (10062534)  
Budget Dates: 08/01/10 - 07/31/11  
Direct: $141,940

**Co-PI/Project Director**

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

Pl: Yusuf Hannun  
Sponsor: NIH/NCI  
Dept: Biochemistry and Molecular Biology  
Award: 5 P01 CA097132-08 (10060360-8)  
Total: $109,114

**Co-Investigator**

**Mitochondrial Ceramide in Chemotherapy-Induced Apoptosis**

Pl: Lina Obeid  
Sponsor: NIH/NIA  
Dept: Medicine  
Award: 3 R01 AG016583-12S1 (09062551-2)  
F & A: 65,292  
Total: $49,873

**Mentor**

**Suppression of Lung Cancer Growth by Ceramide**

Pl: Sahar Saddoughi  
Sponsor: NIH/NIEHS  
Dept: Biochemistry and Molecular Biology  
Award: 1 F30 ES019464-01 (09120739)  
F & A: 0  
Total: $39,025

Rhome, Ryan

**Principal Investigator**

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

Sponsor: Amer. Heart Assoc./Mid-Atlantic  
Award: 09PRE2430009 (09070223)  
Budget Dates: 07/01/10 - 06/30/11  
Direct: $23,000

Saddoughi, Sahar

**Principal Investigator**

**Suppression of Lung Cancer Growth by Ceramide**

Sponsor: NIH/NIEHS  
Award: 1 F30 ES019464-01 (09120739)  
Budget Dates: 08/01/10 - 07/31/11  
Direct: $39,025

Schwacke, John

**Principal Investigator**

**Georgia Dolphin Tracking, Data Evaluation, Interpretation, and Technology**

Sponsor: NOAA  
Award: DG133F09SE4694 (10081176)  
Budget Dates: 09/18/09 - 09/17/10  
Direct: $24,983

Sommer, Gunhild

**Principal Investigator**

**Role and Function of RNA-Binding Protein La in Oral Tumor Progression**

Sponsor: NIH/NIDCR  
Award: 1 R03 DE021729-01 (10061438)  
Budget Dates: 06/03/11 - 05/31/12  
Direct: $75,000

Strickland, Kyle

**Principal Investigator**

**Regulation of DNA Methylation by a Major Folate Enzyme**

Sponsor: NIH/NIDDK  
Award: 5 F30 DK083215-02 (11022542)  
Budget Dates: 05/05/11 - 05/04/12  
Direct: $46,800

Szulc, Zdzislaw

**Co-Investigator**

**Mitochondrial Ceramide in Chemotherapy-Induced Apoptosis**

Pl: Lina Obeid  
Sponsor: NIH/NIA  
Dept: Medicine  
Award: 3 R01 AG016583-12S1 (09062551-2)  
F & A: 0  
Total: $49,873

**C-18-Ceramid in Head and Neck Cancer Growth and Therapy**

Pl: Besim Ogretmen  
Sponsor: NIH/NIDCR  
Dept: Biochemistry and Molecular Biology  
Award: 2 R01 DE016572-06A1 (09113010-1)  
F & A: 0  
Total: $237,500

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

Pl: Lina Obeid  
Sponsor: NIH/NCCR  
Dept: Biochemistry and Molecular Biology  
Award: 5 P20 RR017677-09 (10060350-4)  
F & A: 0  
Total: $250,000
Szulc, Zdzislaw  
Co-Investigator  
Sphingolipids in Cancer Biology and Therapy (Core B)  
Pl: Yusuf Hannun  
Dept: Biochemistry and Molecular Biology  
Sponsor: NIH/NCI  
Award: 5 P01 CA097132-08 (10060360-3)  
Total: $134,919

Sphingolipids in Cancer Biology and Therapy (Project 3)  
Pl: Yusuf Hannun  
Dept: Biochemistry and Molecular Biology  
Sponsor: NIH/NCI  
Award: 5 P01 CA097132-08 (10060360-7)  
Total: $160,046

Tholanikunnel, Baby  
Co-Investigator  
Novel Inhibitors of Pim Protein Kinases  
Pl: Andrew Kraft  
Dept: Medicine  
Sponsor: Vortex Biotechnology Corp.  
Award: 1 R41 CA135804-01A2 (09040380-2)  
Total: $14,315

Zhang, Yong-Mei  
Co-PI/Project Director  
COBRE in Lipidomics and Pathobiology (Project 2)  
Pl: Lina Obeid  
Dept: Biochemistry and Molecular Biology  
Sponsor: NIH/NCRR  
Award: 5 P20 RR017677-09 (10060350-8)  
Total: $200,000

Zheng, Wenjin  
Co-Investigator  
Hematopoietic Stem Cell-Derived Carcinoma Associated Fibroblasts in Tumor  
Pl: Amanda LaRue  
Dept: Pathology and Laboratory Medicine  
Sponsor: NIH/NCI  
Award: 1 R01 CA148772-01A1 (10030201-1)  
Total: $2,477,854

Cell and Molecular Pharmacology  
Ball, Lauren  
Principal Investigator  
Regulation of IGF-1 and Insulin Signaling by O-GlcNAc Glycosylation  
Pl: Maria Buse  
Dept: Medicine  
Sponsor: NIH/NIDCR  
Award: 1 R01 DE020925-01A1 (09112095)  
Budget Dates: 07/01/10 - 06/30/11  
Direct: $250,000  
Project Dates: 07/01/10 - 06/30/15  
F & A: $118,750

Blumer, Joe  
Principal Investigator  
AGS4 in G-Protein Signal Processing  
Pl: Stephen Lanier  
Dept: Cell and Molecular Pharmacology  
Sponsor: NIH/NIGMS  
Award: 5 R01 GM086510-03 (11041903)  
Budget Dates: 06/01/11 - 05/31/12  
Direct: $205,821  
Project Dates: 08/01/09 - 05/31/14  
F & A: $96,982

Co-Investigator  
Accessory Proteins and G Protein Signaling Mechanism  
Pl: Stephen Lanier  
Dept: Cell and Molecular Pharmacology  
Sponsor: NIH/NIDA  
Award: 5 R01 DA025896-22 (10122308-1)  
Total: $200,520

Accessory Proteins and G Protein Signaling Mechanism  
Pl: Stephen Lanier  
Dept: Cell and Molecular Pharmacology  
Sponsor: NIH/NIDA  
Award: 5 R01 DA025896-22 (10122308-2)  
Total: $15,403
**Davis, Jr., Warren**

**Principal Investigator**  
**ATP-Binding Cassette Transporter-2 Regulates Amyloid Precursor Protein Dynamics**  
Sponsor: NIH/NINDS  
Award: 5 K01 NS062113-02 (10090757)  
Budget Dates: 09/01/10 - 08/31/11  
Direct: $156,493  
Project Dates: 09/30/09 - 08/31/14  
F & A: $12,519

**Eblen, Scott**

**Principal Investigator**  
**Regulation of Ovarian Cancer Multidrug Resistance by MAP Kinases eSNAP**  
Sponsor: NIH/NCI  
Award: 5 R01 CA131200-03 (10121675)  
Budget Dates: 02/01/11 - 01/31/12  
Direct: $201,237  
Project Dates: 09/30/09 - 08/31/14  
F & A: $94,879

**Halushka, Perry**

**Principal Investigator**  
**Training Program for Medical Scientists**  
Sponsor: NIH/NIGMS  
Award: 5 T32 GM008716-12 (09112093)  
Budget Dates: 07/01/10 - 06/30/14  
Direct: $225,876  
Project Dates: 07/01/09 - 06/30/14  
F & A: $12,326

**SCRA Device Proposal**  
Sponsor: SC Research Authority  
Award: TO#058 (10092325)  
Budget Dates: 08/23/10 - 12/31/11  
Direct: $30,912  
Project Dates: 08/23/10 - 12/31/11  
F & A: $0

**Hildebrandt, John**

**Principal Investigator**  
**Generation and Function of Variable Prenyl Protein Processing**  
Sponsor: NIH/NIGMS  
Award: 5 R01 GM082981-03 (100121361)  
Budget Dates: 02/01/11 - 01/31/12  
Direct: $196,020  
Project Dates: 04/01/09 - 01/31/13  
F & A: $93,110

**Isaacs, Jennifer**

**Principal Investigator**  
**Hsp90 Regulates EphA2 Signaling and Cell Migration in Glioblastoma**  
Sponsor: NIH/NCI  
Award: 5 R01 CA135297-03 (10062527)  
Budget Dates: 08/01/10 - 07/31/11  
Direct: $207,500  
Project Dates: 09/30/08 - 07/31/13  
F & A: $98,563

**Knapp, Daniel**

**Principal Investigator**  
**Dual Mode Mass Spectrometry Platform for Increasing Depth in Proteomic Analysis**  
Sponsor: NIH/NCRR  
Award: 5 R21 RR025795-02 (10007096)  
Budget Dates: 09/01/10 - 08/31/12  
Direct: $173,250  
Project Dates: 09/30/09 - 08/31/12  
F & A: $82,294

**CoEE for Proteomics State Match Endowment Draw**  
Sponsor: SC Research Centers of Economic Excellence  
Award: (11042516)  
Budget Dates: 07/01/10 - 06/30/11  
Direct: $1,786,070  
Project Dates: 06/24/03 - 06/30/11  
F & A: $0

**Co-Investigator**  
**Cellular Factors Promoting Renal Cell Carcinoma**  
Sponsor: NIH/NCI  
Award: 5 R01 CA128002-05 (10121464-1)  
Budget Dates: 09/01/10 - 08/31/12  
Direct: $171,000  
Project Dates: 09/01/10 - 08/31/12  
F & A: $13,300

**Knapp, Daniel**

**Principal Investigator**  
**Dual Mode Mass Spectrometry Platform for Increasing Depth in Proteomic Analysis**  
Sponsor: NIH/NCRR  
Award: 5 R21 RR025795-02 (10007096)  
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F & A: $82,294

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**Co-Investigator**  
**Cellular Factors Promoting Renal Cell Carcinoma**  
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Zemskova, Marina  
**Co-Investigator**  
**Novel Therapeutic Approaches Toward Treating Prostate Cancer**  
PI: Andrew Kraft  
Sponsor: DOD  
Total: $233,648  
Dept: Medicine  
Award: W81XWH-10-1-0249 (09070751-2)

**Comparative Medicine**

Helke, Kristi  
**Principal Investigator**  
**Wound Healing and Wound Architecture after Phacoemulsification: Longitudinal vs. Torsional Ultrasound in an Animal Model**  
Sponsor: Carolina Eyecare Physicians LLC  
Budget Dates: 10/01/10 - 12/15/10  
Direct: $30,508  
Dept: Medicine  
Award: R43 DK083806-01A1 (10033031)

**The Effect of Manual vs. Automated IOL Injector in Wound Healing after Lens Removal and IOL implantation in an Animal Model**  
Sponsor: Carolina Eyecare Physicians LLC  
Budget Dates: 07/15/11 - 07/14/12  
Direct: $33,898  
Dept: Medicine  
Award: R43 DK083806-01A1 (10033031)

**Co-Investigator**  
**Sphingolipids in Cancer Biology and Therapy (Project 3)**  
PI: Yusuf Hannun  
Sponsor: NIH/NCI  
Total: $160,046  
Dept: Biochemistry and Molecular Biology  
Award: 5 P01 CA097132-08 (10060360-7)

Smith, Alison  
**Principal Investigator**  
**Feasibility of Deep Hypothermic (18-22°C) Perfusion Storage of Livers for Transplantation**  
Sponsor: Cell and Tissue Systems, Inc.  
Budget Dates: 06/01/11 - 11/30/11  
Direct: $17,059  
Dept: Surgery  
Award: R43 DK083806-01A1 (10033031)

**Role of Cathepsins in Alzheimer's Disease**  
Sponsor: Applied Neurotechnology, Inc.  
Budget Dates: 05/01/11 - 12/31/11  
Direct: $10,601  
Dept: Pathology  
Award: (11120299)

Swindle, M.  
**Principal Investigator**  
**Oral Implants for Sleep Apnea in a Porcine Model**  
Sponsor: Ethicon  
Budget Dates: 09/01/10 - 08/31/11  
Direct: $56,560  
Dept: Surgery  
Award: Pig Protocol (10081894)

**The Role of BACE in Alzheimer’s Disease**  
Sponsor: Neurological Testing Services, Inc.  
Budget Dates: 10/01/10 - 09/30/11  
Direct: $16,579  
Dept: Pathology  
Award: (10101213)

**Biocompatibility Testing of Sleep Apnea Devices**  
Sponsor: Medtronic, Inc.  
Budget Dates: 03/10/11 - 03/09/12  
Direct: $13,520  
Dept: Surgery  
Award: Xomed (11033016)

**Deans Office - COM**

Schaefer, III, John  
**Principal Investigator**  
**Clinical Effectiveness and Patient Safety Center**  
Sponsor: Health Sciences SC  
Budget Dates: 07/01/10 - 12/31/11  
Direct: $111,364  
Dept: Surgery  
Award: (10081279)

**SmartState Center for Clinical Effectiveness & Patient Safety**  
Sponsor: MUSC Fdn.  
Budget Dates: 07/01/10 - 06/30/12  
Direct: $77,215  
Dept: Surgery  
Award: (11020185)

**CoEE for Clinical Effectiveness & Patient Safety State Match Endowment Draw**  
Sponsor: SC Research Centers of Economic Excellence  
Budget Dates: 07/01/10 - 06/30/11  
Direct: $462,853  
Dept: Surgery  
Award: (11050364)

**Family Medicine**

Blue, Amy  
**Co-Investigator**  
**Pre-Doctoral Training in Primary Care: Motivate for Health**  
PI: Alexander Chessman  
Sponsor: HRSA  
Total: $129,630  
Dept: Family Medicine  
Award: 5 D56HP10309-03-00 (10071553-1)
Carek, Peter  
**Funding of HSSC MUSC Extramural Program Officer**  
Principal Investigator  
Sponsor: Health Sciences SC  
Award: (10070912)  
Budget Dates: 07/01/10 - 06/30/11  
Direct: $47,016  
F & A: 0

Chessman, Alexander  
**Pre-Doctoral Training in Primary Care: Motivate for Health**  
Principal Investigator  
Sponsor: HRSA  
Budget Dates: 07/01/10 - 09/29/11  
Direct: $129,630  
Award: 5 D56HP10309-03-00 (10071553)

Detar, D.  
**Pre-Doctoral Training in Primary Care: Motivate for Health**  
Co-Investigator  
Dept: Family Medicine  
Sponsor: HRSA  
Total: $129,630

Diaz, Vanessa  
**Impact of Vitamin D on Diabetic Kidney Disease in African Americans**  
Principal Investigator  
Sponsor: NIH/NIDDK  
Budget Dates: 08/01/10 - 07/31/11  
Direct: $126,864  
Award: 1 R03 DK089120-01 (09100991)

Dickerson, Lori  
**A Collaborative Model to Improve BP Control and Minimize Racial Disparities - Trident Family Medicine Residency Site**  
Principal Investigator  
Sponsor: Univ. of Iowa  
Budget Dates: 03/01/10 - 02/28/11  
Direct: $6,480  
Award: PO1000790339/W194619 (10041093)

**A Collaborative Model to Improve BP Control and Minimize Racial Disparities - MUSC Downtown Site**  
Sponsor: Univ. of Iowa  
Budget Dates: 03/01/10 - 02/28/11  
Direct: $6,121  
Award: 1000790340/R01 HL091841-0 (10041094)

**A Collaborative Model to Improve BP Control and Minimize Racial Disparities - MUSC Downtown Site**  
Sponsor: Univ. of Iowa  
Budget Dates: 03/01/11 - 02/29/12  
Direct: $12,096  
Award: W000260911/R01 HL091841-0 (11042623)

**A Collaborative Model to Improve BP Control and Minimize Racial Disparities - Trident Family Medicine Residency Site**  
Sponsor: Univ. of Iowa  
Budget Dates: 03/01/11 - 02/29/12  
Direct: $13,269  
Award: W000260969/R01 HL091841-0 (11042624)

Gonsalves, Wanda  
**Transitioning and Integrating Graduate Education in Rural Education**  
Co-Investigator  
Pl: Paul Jacques  
Dept: Health Professions  
Sponsor: HRSA  
Award: D5BHP20435 (10051959-1)  
Total: $280,359

**Pre-Doctoral Training in Primary Care: Motivate for Health**  
Pl: Alexander Chessman  
Dept: Family Medicine  
Sponsor: HRSA  
Award: 5 D56HP10309-03-00 (10071553-1)

Jenkins, Ruth  
**Effect on Boxed Warnings and Public Information on Pharmaceutical Use**  
Principal Investigator  
Sponsor: Univ. of Georgia  
Budget Dates: 09/01/10 - 08/31/11  
Direct: $47,183  
Award: RR579-055/3503578/R01 HS0 (10070795)

**Enhancing Comparative Effectiveness Research Capabilities in PPRNet**  
Co-Investigator  
Pl: Steven Ornstein  
Dept: Family Medicine  
Sponsor: AHRQ  
Award: 1 R24 HS019448-01 (10011392-1)  
Total: $322,959

**Dissemination of the PPRNet Model for Improving Medication Safety**  
Pl: Andrea Wessell  
Dept: Family Medicine  
Sponsor: AHRQ  
Award: 1 R18 HS019593-01 (10012133-1)  
Total: $203,297

**Implementation of Alcohol Screening, Intervention and Treatment in Primary Care**  
Pl: Peter Miller  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIAAA  
Award: 5 R01 AA016768-03 (10071333-1)  
Total: $334,911
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Wessell, Andrea

**Principal Investigator**

**Dissemination of the PPRNet Model for Improving Medication Safety**  
Sponsor: AHRQ  
Budget Dates: 09/30/10 - 09/29/11  
Direct: $203,297  
Award: 1 R18 HS019593-01 (10012133)  
Project Dates: 09/30/10 - 09/29/12  
F & A: $96,566

**Co-Investigator**

**Reducing Inappropriate Prescribing of Antibiotics by Primary Care Clinicians**  
Pl: Arch Mainous  
Dept: Family Medicine  
Sponsor: AHRQ  
Award: HHSA290200710015 TA#3 (09051460-2)

**Enhancing Comparative Effectiveness Research Capabilities in PPRNet**  
Pl: Steven Ornstein  
Dept: Family Medicine  
Sponsor: AHRQ  
Award: 1 R24 HS019448-01 (10011392-1)

**Effect on Boxed Warnings and Public Information on Pharmaceutical Use**  
Pl: Ruth Jenkins  
Dept: Family Medicine  
Sponsor: Univ. of Georgia  
Award: R579-055/3503578/R01 HS0 (10070795-1)

Medicine

Afrin, Lawrence

**Principal Investigator**

**Randomized, Open-Label, Multi-Center, Phase III Study of Efficacy and Safety in POLycythemia Vera Subjects Who are Resistant To or Intolerant of Hydroxyurea: JAK Inhibitor INC424 Tablets Versus Best Available Care (The RESPONSE Trial)**  
Sponsor: Incyte Corp.  
Budget Dates: 02/14/11 - 02/13/16  
Direct: $147,048  
Award: CINC424B2301 (10111977)  
Project Dates: 02/14/11 - 02/13/16  
F & A: $36,012

**An Open-Label Assessment of Safety and Efficacy of Ruxolitinib (Incb018424) in Subjects with Primary Myelofibrosis, Post Essential Thrombocythemia-Myelofibrosis and Post Polycythemia Vera-Myelofibrosis Who have Platelet Counts of 50x10^9/L to 100x10^9/L**  
Sponsor: Incyte Corp.  
Budget Dates: 05/05/11 - 05/31/16  
Direct: $47,988  
Award: INCB 18424-258 (11110053)  
Project Dates: 05/05/11 - 05/31/16  
F & A: $11,247

Alberg, Anthony

**Principal Investigator**

**Epidemiology of Ovarian Cancer in African American Women**  
Sponsor: Duke Univ.  
Budget Dates: 06/01/10 - 04/30/11  
Direct: $79,426  
Award: 203-0312/R01 CA142081-01A (09071411)  
Project Dates: 06/01/10 - 04/30/15  
F & A: $37,038

**SCCA Cancer Plan Evaluation 2010**  
Sponsor: SC Cancer Alliance  
Budget Dates: 07/01/10 - 06/30/11  
Direct: $11,456  
Award: (10040992)  
Project Dates: 07/01/10 - 06/30/11  
F & A: 0

**SC Cancer Plan Evaluation/Survivorship Survey**  
Sponsor: SC Cancer Alliance  
Budget Dates: 07/01/10 - 06/30/11  
Direct: $2,750  
Award: (11032379)  
Project Dates: 07/01/10 - 06/30/11  
F & A: 0

**Epidemiology of Ovarian Cancer in African American Women**  
Sponsor: Duke Univ.  
Budget Dates: 05/01/11 - 04/30/12  
Direct: $87,445  
Award: 203-0312/R01 CA142081-02 (11040133)  
Project Dates: 05/01/11 - 04/30/15  
F & A: $28,516

**Co-Investigator**

**A Novel Trial of Smokeless Tobacco for Cessation Induction in Unmotivated Smokers**  
Pl: Matthew Carpenter  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NCI  
Award: 1 R01 CA154992-01 (10011496-1)

**Southeastern Virtual Institute for Health Equity and Wellness (SE VIEW)- Project 4**  
Pl: Sabra Slaughter  
Dept: Presidents Office  
Sponsor: US Army/USAMRAA  
Award: W81XWH-10-2-0057 (10071968-5)

**South Carolina Clinical and Translational Research Institute (UL1)**  
Pl: Kathleen Brady  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NCRR  
Award: 5 UL1 RR029882-03 (11012750-1)

Arthur, John

**Principal Investigator**

**Prognostic Biomarkers in Diabetes**  
Sponsor: VAMC  
Budget Dates: 04/01/11 - 03/31/12  
Direct: $123,800  
Award: (08042162)  
Project Dates: 04/01/08 - 03/31/12  
F & A: 0
Arthur, John

Principal Investigator
Hopkins Lupus Cohort

Sponsor: Johns Hopkins Univ.

Award: 2000440341/R01 AR043727-1 (10060778)

Budget Dates: 04/01/10 - 03/31/11
Project Dates: 05/01/08 - 03/31/13

Direct: $28,256
F & A: $7,347

VA Sheep Grant Matching Funds for Triple TOF Mass Spectrometer

Sponsor: Dialysis Clinics, Inc.

Award: S-2253 (West Ashley 013) (10081901)

Budget Dates: 09/01/10 - 03/31/11
Project Dates: 09/01/08 - 03/31/12

Direct: $54,134
F & A: $0

Prognostic Markers in Postoperative Acute Kidney Injury

Sponsor: NIH/NIDDK

Award: 2000440341/R01 AR043727-1 (10060778)

Budget Dates: 06/01/11 - 05/31/12
Project Dates: 06/01/08 - 05/31/12

Direct: $278,705
F & A: $80,177

CoEE for Renal Disease Biomarkers State Match Endowment Draw

Sponsor: SC Research Centers of Economic Excellence

Award: 2000440341/R01 AR043727-1 (10060778)

Budget Dates: 09/01/10 - 08/31/11
Project Dates: 09/01/10 - 08/31/12

Direct: $3,949,219
F & A: $0

Assey, Valerie

Co-Investigator
Ryan White Part B Program

Sponsor: SC DHEC

Award: HV-1-747 (11022212-1)

Total: $1,515,025

Auwulewitsch, Alexandre

Principal Investigator
Genetics of Alopecia Areata in the C3H/HeJ Mouse

Sponsor: The Jackson Laboratory

Award: TBA/AR056635 (09101305)

Budget Dates: 07/10/10 - 03/31/11
Project Dates: 07/10/08 - 03/31/11

Direct: $138,750
F & A: $67,479

Roles of Hox Genes in Skin and Hair Follicle Development

Sponsor: NIH/NIAAMS

Award: 5 R01 AR074204-08 (10071221)

Budget Dates: 07/01/10 - 08/31/12
Project Dates: 09/01/07 - 08/31/12

Direct: $250,000
F & A: $193,875

Baicu, Catalin

Co-Investigator
Post-Synthetic Procollagen Processing in Load-Induced Left Ventricular Remodeling

Sponsor: NIH/NHLBI

Award: 5 R01 HL094517-02 (08102901-2)

Budget Dates: 09/01/10 - 08/31/12
Project Dates: 09/01/07 - 08/31/12

Direct: $163,709
F & A: $7,344

mTOR in Growth and Protection of Hypertrophying Myocardium

Sponsor: NIH/NHLBI

Award: 5 R01 HL092124-03 (10092219-1)

Budget Dates: 09/01/10 - 08/31/12
Project Dates: 09/01/07 - 08/31/12

Direct: $250,000
F & A: $10,687

Advanced Glycation End-Products in Human Myocardium

Sponsor: Univ. of Vermont

Award: 21469/R01 HL089944-03 (10100788-1)

Budget Dates: 09/01/10 - 08/31/12
Project Dates: 09/01/07 - 08/31/12

Direct: $250,000
F & A: $0

Role of Protein Acetylation in NCX1 Expression

Sponsor: NIH/NHLBI

Award: 5 R01 HL095696-03 (11022216-1)

Budget Dates: 09/01/10 - 08/31/12
Project Dates: 09/01/07 - 08/31/12

Direct: $250,000
F & A: $0
Baker, Deanna

**Principal Investigator**

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

- **Sponsor:** NIH/NIAMS  
- **Budget Dates:** 07/01/10 - 06/30/11  
- **Direct:** $38,331

**Award:** 5 F31 AR057307-02 (10051853)

**Co-Investigator**

**Buspirone Treatment for Marijuana Dependence**

- **Sponsor:** NIH/NIADS  
- **Budget Dates:** 07/01/09 - 06/30/12  
- **Total:** $228,084

**Award:** 5 R01 DA026782-03 (11040759-1)

Baker, Nathaniel

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

- **PI:** Kathleen Brady  
- **Dept:** Psychiatry and Behavioral Sciences  
- **Award:** 5 P50 DA016511-09 (10042959-3)

**Buspirone Treatment for Marijuana Dependence**

- **PI:** Aimee McRae  
- **Dept:** Psychiatry and Behavioral Sciences  
- **Award:** 5 R01 DA026782-03 (11040759-1)

Balasubramanian, Sund

**Co-PI/Project Director**

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

- **PI:** Chandrakanthi Kuppuswamy  
- **Dept:** Medicine  
- **Award:** 5 R01 HL092124-03 (10092219-1)

Bandyopadhyay, Dipank

**Robust Nonparametric Methods with Variable Selection for Clustered Dental Data**

- **Sponsor:** NIH/NIDCR  
- **Budget Dates:** 07/01/10 - 06/30/11  
- **Direct:** $117,550

**Award:** 1 R03 DE021144-01A1 (09111674)

**Robust Spatial Models for Clustered Periodontal Data**

- **Sponsor:** NIH/NIDCR  
- **Budget Dates:** 04/04/11 - 07/31/11  
- **Direct:** $106,780

**Award:** 1 R03 DE021762-01 (10061432)

**Southern Consortium Node of the Clinical Trials Network**

- **PI:** Kathleen Brady  
- **Dept:** Psychiatry and Behavioral Sciences  
- **Award:** 2 U10 DA013727-11 (09102141-1)

**Oral Home Telecare for Tetraplegics**

- **PI:** Hon Yuen  
- **Dept:** Rehabilitation Sciences  
- **Award:** 5 R21 DE018775-02 (10051438-1)

Barto, Tara

**Principal Investigator**

**Becoming Adult: The Transition of the Cystic Fibrosis Patient**

- **Sponsor:** Cystic Fibrosis Fdn. Therapeutics, Inc.  
- **Budget Dates:** 07/01/10 - 06/30/12  
- **Direct:** $67,823

**Award:** BARTO10A0 (09082580)

Bell, Phillip

**Principal Investigator**

**Cellular Mechanisms for Cilia Dependent Cystic Disease**

- **Sponsor:** VAMC  
- **Budget Dates:** 04/01/11 - 03/31/12  
- **Direct:** $215,300

**Award:** (08042167)

**Hepato/Renal Fibrocystic Diseases Core Center: Core C**

- **Sponsor:** Univ. of Alabama, Birmingham  
- **Budget Dates:** 09/30/10 - 06/30/11  
- **Direct:** $138,608

**Award:** 000402961-001/P30 DK07463 (10030294)

**Training Grant in Renal Function and Disease**

- **Sponsor:** NIH/NIDDK  
- **Budget Dates:** 08/01/10 - 07/31/11  
- **Direct:** $111,504

**Award:** 5 T32 DK007752-12 (10052822)

**Co-PI/Project Director**

**Interactions between Cilia, Hypertrophic Signaling, and Cystogenesis**

- **PI:** David Ploth  
- **Dept:** Medicine  
- **Award:** C-2618C (10121680-1)

**Role of Reactive Intermediates in Lupus Nephritis**

- **PI:** James Oates  
- **Dept:** Medicine  
- **Award:** 5 R01 AR045476-12 (11041270-1)
Bogatkevich, Galina

**Principal Investigator**

**Role of IQ Motif Containing GTPase Activating Protein 1 in Scleroderma Interstitial Lung Disease**

Sponsor: Scleroderma Fdn.  
Award: (10091075)  
Budget Dates: 01/01/11 - 12/31/11  
Direct: $ 69,444  
F & A: 5,556

**Co-Investigator**

An Open-Label Trial to Evaluate the Safety of Dasatinib in the Treatment of Scleroderma Pulmonary Interstitial Fibrosis  
PI: Richard Silver  
Sponsor: Bristol Myers Squibb  
Total: $ 13,561

Bolster, Marcy

**Principal Investigator**

A Randomized, Placebo-Controlled, Double-Blind, Parallel-Group, International Study to Evaluate the Safety and Efficacy of Rituximab (MabThera/Rituxan) in Combination with Methotrexate, Compared to Methotrexate Monotherapy, in Patients with Active Rheumatoid Arthritis  
Sponsor: Quintiles Pacific, Inc.  
Budget Dates: 12/28/05 - 12/31/12  
Direct: $ 74,755  
F & A: 18,688

Mechanisms of B Cell Responses in Autoimmune Disease: C10-ARA06-MSC  
Sponsor: Duke Univ.  
Budget Dates: 09/01/09 - 08/31/11  
Direct: $ 103,356  
F & A: 39,391

Buck, Greg

**Co-Investigator**

A Multi-Center, Open-Label Trial to Evaluate the Long-Term Safety and Tolerability of a New Balsalazide Disodium Tablet Formulation in Patients with Ulcerative Colitis  
PI: Brenda Hoffman  
Sponsor: Salix Pharmaceuticals, Inc.  
Total: $ 2,830

Budisavljevic, Milos

**Principal Investigator**

FSGS Cohort Study  
Sponsor: Univ. of Michigan  
Budget Dates: 09/01/10 - 09/15/11  
Direct: $ 1,152  
F & A: 547
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<th>Name</th>
<th>Role</th>
<th>Project Title</th>
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<td>Budisavljevic, Milos</td>
<td>Co-Investigator</td>
<td>An Observer-Blinded, Randomized Study Comparing the Safety and Immunogenicity of HEPLISAV to Licensed Vaccine (Engerix-B) among Adults (18 to 70 Years of Age) with CKD</td>
<td>Dynavax Technologies</td>
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<td>Blood Pressure in Dialysis Patients</td>
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<td>Factors That Modify Insulin Action</td>
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<td>Role of Pim Kinases in Prostate Epithelium Growth</td>
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<td>A Phase 2B, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Dose-Ranging, Multi-Center Study to Investigate the Efficacy, Safety and Tolerability of the mGluR5 Negative Allosteric Modulator ADX10059 in Patients with Gastroesophageal Reflux Disease (GERD) Who are Partial Responders to Proton Pump Inhibitor (PPI) Treatment</td>
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<td>Novel Therapeutic Approaches Toward Treating Prostate Cancer</td>
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<td>MAP4 Regulation of Cardiac Microtubule Network Density</td>
<td>NIH/NHLBI</td>
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<td>Beta-Adrenergic Control of the Pathological Cardiac Microtubule Network</td>
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<td>MAP4 Regulation of Cardiac Microtubule Network Density</td>
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<td>Christiansen, Neal</td>
<td>Principal Investigator</td>
<td>A Randomized, Multi-Center, Phase III, Open-Label Study of the Efficacy and Safety of Trastuzumab-MCC-DM1 vs. Capecitabine + Lapatinib in Patients with Her2-Positive Locally Advanced or Metastatic Breast Cancer Who have Received Prior Trastuzumab-Based Therapy</td>
<td>Genentech, Inc.</td>
<td>10/28/09 - 10/27/14</td>
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<td>A Phase 2, Multi-Center, Single-Arm Study of Eribulin Mesylate with Trastuzumab as First-Line Therapy for Locally Recurrent or Metastatic Human Epidermal Growth Factor Receptor Two (HER2) Positive Breast Cancer</td>
<td>Eisai, Inc.</td>
<td>01/20/11 - 12/31/16</td>
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<td>A Phase 2, Multi-Center, Single-Arm Study of Single-Agent Eribulin Mesylate as First-Line Therapy for Locally Recurrent or Metastatic Human Epidermal Growth Factor Receptor Two (HER2) Negative Breast Cancer</td>
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Christiansen, Neal  
Co-PI/Project Director  
Study Evaluating Neratinib Plus Paclitaxel vs Trastuzumab Plus Paclitaxel in ErbB-2 Positive Advanced Breast Cancer (NEFERTT)  
PI: Rita Kramer  
Sponsor: Wyeth, Inc.  
Total: $ 448  
Dept: Medicine  
Award: 3144A2-3005-WW (09110436-2)

Coxum, Sonya  
Principal Investigator  
Targeting of G Protein Coupled 5-HT1A Receptors  
Sponsor: Dialysis Clinics, Inc.  
Budget Dates: 03/01/09 - 02/29/12  
Direct: $ 30,000

Regulation of 5-HT1A Receptor by Calmodulin  
Sponsor: NIH/NHLBI  
Budget Dates: 07/01/10 - 06/30/11  
Direct: $ 105,095

Role of Epidermal Growth Factor in Activation of Na+/H+ Exchanger in Polycystic Kidney Disease  
Sponsor: Paul Teschan Research Fund  
Budget Dates: 12/01/10 - 11/30/11  
Direct: $ 40,834

Comerford, Lawrence  
Principal Investigator  
A 5-Year, Registry Study of Humira (Adalimumab) in Patients with Moderately to Severely Active Crohn's Disease (CD)  
Sponsor: Abbott Labs  
Budget Dates: 03/11/08 - 03/10/15  
Direct: $ 15,400

Cooper, IV, George  
Principal Investigator  
Connexin Distribution in Physiological Versus Pathological Cardiac Hypertrophy  
Sponsor: VAMC  
Budget Dates: 10/01/10 - 09/30/11  
Direct: $ 150,000

Beta-Adrenergic Control of the Pathological Cardiac Microtubule Network  
Sponsor: NIH/NHLBI  
Budget Dates: 07/15/10 - 04/30/12  
Direct: $ 150,000

MAP4 Regulation of Cardiac Microtubule Network Density  
Sponsor: NIH/NHLBI  
Budget Dates: 04/01/11 - 03/31/12  
Direct: $ 250,000

Beta-Adrenergic Control of the Pathological Cardiac Microtubule Network  
Sponsor: NIH/NHLBI  
Budget Dates: 05/01/10 - 04/30/12  
Direct: $ 125,000

Costa, Luciano  
Principal Investigator  
A Randomized, Double-Blind, Placebo-Controlled, Multi-Center, Phase III Study of RAD001 Adjuvant Therapy in Poor Risk Patients with Diffuse Large B-Cell Lymphoma (DLBCL) of RAD001 Versus Matching Placebo after Patients Have Achieved Complete Response with First-Line Rituximab-Chemotherapy  
Sponsor: Novartis Corp.  
Budget Dates: 01/05/10 - 04/08/13  
Direct: $ 27,200

Phase 1/2, Open-Label Study of the Safety and Efficacy of PD 0332991 in Combination with Bortezomib and Dexamethasone in Patients with Refractory Multiple Myeloma  
Sponsor: INC Research, Inc.  
Budget Dates: 01/27/10 - 01/26/11  
Direct: $ 114,180

Sponsor: Covance, Inc.  
Budget Dates: 05/12/10 - 05/11/15  
Direct: $ 57,444

A Randomized, Open-Label Study of Ofatumumab and Bendamustine Combination Therapy Compared with Bendamustine Monotherapy in Indolent B-Cell Non-Hodgkin's Lymphoma Unresponsive to Rituximab or a Rituximab-Containing Regimen During or within Six Months of Treatment  
Sponsor: GlaxoSmithKline  
Budget Dates: 01/05/10 - 06/30/16  
Direct: $ 103,781
Costa, Luciano

**Principal Investigator**

**NMDP Rider 0802: A Multi-Center, Randomized, Double-Blind, Phase III, Trial Evaluating Corticosteroids with Mycophenolate Mofetil vs. Corticosteroids with Placebo as Initial Systemic Treatment of Acute GVHD**

**Sponsor:** National Marrow Donor Program  
**Award:** Protocol 0802 (10061546)

- **Budget Dates:** 07/01/10 - 09/30/12  
- **Direct:** $44,200  
- **F & A:** $10,500

**NMDP Rider 0801: A Phase II/III, Randomized, Multi-Center Trial Comparing Sirolimus Plus Prednisone, Sirolimus/Estracorptal Photopheresis Plus Prednisone, and Sirolimus/Calcineurin Inhibitor Plus Prednisone for the Treatment of Chronic Graft Versus Host Disease**

**Sponsor:** National Marrow Donor Program  
**Award:** Protocol 0801 (10070804)

- **Budget Dates:** 07/01/10 - 09/30/12  
- **Direct:** $68,550  
- **F & A:** $15,750

**A Phase III, Randomized, Double-Blind, Placebo-Controlled, Multi-Center Study of Panobinostat for Maintenance of Response in Patients with Hodgkin’s Lymphoma Who are at Risk for Relapse after High Dose Chemotherapy and Autologous Stem Cell Transplant**

**Sponsor:** Novartis Corp.  
**Award:** CLBH589E2301 (10081385)

- **Budget Dates:** 07/12/10 - 04/30/14  
- **Direct:** $135,610  
- **F & A:** $32,903

**NMDP / BMT CTN Rider 0902: A Phase III, Randomized, Multi-Center, Trial Testing Whether Exercise and/or Stress Management Improves Functional Status and Symptoms of Autologous and Allogeneic Recipients**

**Sponsor:** National Marrow Donor Program  
**Award:** Rider 0902 (10100793)

- **Budget Dates:** 10/01/10 - 09/30/12  
- **Direct:** $5,352  
- **F & A:** $1,498

**A Multi-Center, Open-Label Trial of Belinostat in Patients with Relapsed or Refractory Peripheral T-cell Lymphoma**

**Sponsor:** Spectrum Pharmaceutical Research  
**Award:** PXD101-CLN-19 (10110835)

- **Budget Dates:** 11/08/10 - 12/31/16  
- **Direct:** $116,580  
- **F & A:** $28,020

**Evaluation of Approved Weight-Based Dose Compared to Fixed Dose of Plerixafor in Patients with Non-Hodgkin’s Lymphoma (NHL) Weighing Less Than 70 kg**

**Sponsor:** Genzyme Corp.  
**Award:** MOZ 11809 (10111557)

- **Budget Dates:** 12/07/10 - 12/31/16  
- **Direct:** $80,220  
- **F & A:** $18,930

**Ofatumumab versus Rituximab Salvage Chemotherapy Followed by ASCT in Relapsed or Refractory DLBCL**

**Sponsor:** GlaxoSmithKline  
**Award:** OMB110928 (11040647)

- **Budget Dates:** 04/06/11 - 04/30/16  
- **Direct:** $203,147  
- **F & A:** $49,149

Cotton, Peter

**Principal Investigator**

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

**Sponsor:** NIH/NIDDK  
**Award:** 5 U01 DK074739-04 (10050682)

- **Budget Dates:** 07/01/10 - 06/30/11  
- **Direct:** $1,423,119  
- **F & A:** $231,822

Cunningham, Joan

**Principal Investigator**

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

**Sponsor:** NIH/NCI  
**Award:** 5 R03 CA137826-02 (10052596)

- **Budget Dates:** 07/01/10 - 06/30/12  
- **Direct:** $50,000  
- **F & A:** $23,750

Cuoco, Frank

**Principal Investigator**

**System Longevity Study**

**Sponsor:** Medtronic, Inc.  
**Award:** SLS (10063069)

- **Budget Dates:** 08/05/10 - 12/31/12  
- **Direct:** $134,734  
- **F & A:** $32,808

**QuickFlex Model 1258T Left Heart Pacing Lead Post Approval Study**

**Sponsor:** St. Jude Medical, Inc.  
**Award:** QuickFlex (10112288)

- **Budget Dates:** 11/08/10 - 12/31/16  
- **Direct:** $65,500  
- **F & A:** $15,000

**Left Atrial Pressure Monitoring to Optimize Heart Failure Therapy Study (LAPTOP-HF)**

**Sponsor:** St. Jude Medical, Inc.  
**Award:** LAPTOP-HF (10112289)

- **Budget Dates:** 11/01/10 - 12/31/14  
- **Direct:** $187,846  
- **F & A:** $45,836

---

Medical University of South Carolina
DeSantis, Stacia

**Co-Investigator**

Treatment Implications of Trauma Memory Modulation for PTSD and Alcohol Dependence

- **PI:** Michael Saladin  
- **Sponsor:** NIH/NIAAA  
- **Total:** $282,687

A Controlled Trial of N-Acetylcysteine (NAC) in Cannabis-Dependent Adolescents

- **PI:** Kevin Gray  
- **Sponsor:** NIH/NIDA  
- **Total:** $250,000

Integrated Treatment of OEF/OIF Veterans with PTSD and Substance Use Disorders

- **PI:** Sudie Back  
- **Sponsor:** NIH/NIDA  
- **Total:** $259,735

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

- **PI:** Kathleen Brady  
- **Sponsor:** NIH/NIDA  
- **Total:** $357,208

Dowdle, Merriman

**Principal Investigator**

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

- **Sponsor:** Icon Clinical Research, Inc.  
- **Budget Dates:** 07/01/02 - 12/31/12  
- **Direct:** $10,200  
- **F & A:** $2,550

**Co-Investigator**

A Multi-Center, Open-Label Trial to Evaluate the Long-Term Safety and Tolerability of a New Balsalazide Disodium Tablet Formulation in Patients with Ulcerative Colitis

- **PI:** Brenda Hoffman  
- **Sponsor:** Salix Pharmaceuticals, Inc.  
- **Total:** $2,830

Drabkin, Harry

**Principal Investigator**

A Phase II, Open-Label, Single-Arm Study of AS1411 in Patients with Metastatic Renal Cell Carcinoma

- **Sponsor:** Antisoma  
- **Budget Dates:** 05/16/08 - 06/15/13  
- **Direct:** $54,088  
- **F & A:** $13,523

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

- **Sponsor:** GlaxoSmithKline  
- **Budget Dates:** 07/14/08 - 02/11/13  
- **Direct:** $11,120  
- **F & A:** $2,780

SPORE in Lung Cancer, Project 1

- **Sponsor:** Univ. of Colorado  
- **Budget Dates:** 07/22/10 - 04/30/11  
- **Direct:** $187,811  
- **F & A:** $86,393

Study of TKI258 Versus Sorafenib in Patients with Metastatic Renal Cell Carcinoma

- **Sponsor:** Novartis Corp.  
- **Budget Dates:** 01/21/11 - 12/21/14  
- **Direct:** $245,150  
- **F & A:** $60,025

A Randomized, Double-Blind, Placebo-Controlled, Phase III Study to Evaluate the Efficacy and Safety of Pazopanib as Adjuvant Therapy for Subjects with Localized or Locally Advanced RCC Following Nephrectomy

- **Sponsor:** GlaxoSmithKline  
- **Budget Dates:** 03/08/11 - 03/31/16  
- **Direct:** $120,142  
- **F & A:** $29,285
Drabkin, Harry

**Principal Investigator**

**A Randomized, Blinded, Phase 2, Dose-Ranging Study of BMS-936558 (MDX-1106) in Subjects with Progressive Advanced/Metastatic Clear-Cell Renal Cell Carcinoma Who have Received Prior Anti-Angiogenic Therapy**

**Sponsor:** Bristol Myers Squibb

**Award:** CA209-010-005 (11110070)

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Durkalski, Valerie

**Principal Investigator**

**Cadaveric Organ Donor Management Project**

**Sponsor:** Life Point

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

**Sponsor:** UT Southwestern Med. Ctr.

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**Accelerating Drug and Device Evaluation Through Innovative Clinical Trial Design - Adaptive Design Trial**

**Sponsor:** Univ. of Michigan

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Edwards-Ghatnekar, An

**Principal Investigator**

**The Role of GATA-6 in Pulmonary Arterial Hypertension**

**Sponsor:** Actellion Pharmaceuticals/Entelligence

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Egan, Brent

**Principal Investigator**

**Controlling Blood Pressure in Treatment Resistant Hypertension: A Pilot Study**

**Sponsor:** NIH/NHLBI

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**Improving Safety and Access for Physical Activity**

**Sponsor:** Univ. of South Carolina

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**Hypertension Initiative Community-Based Practice Data Collaborative**

**Sponsor:** SC DHEC

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Egede, Leonard

**Principal Investigator**

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

**Sponsor:** VAMC
## Egele, Leonard

**Principal Investigator**

### Telephone Delivered Behavioral Skills Intervention for Blacks with T2DM - Minority Supplement-Lynch

- **Sponsor:** NIH/NIDDK
- **Award:** 3 R01 DK081121-03S1 (10040672)
- **Budget Dates:** 07/01/10 - 06/30/11
- **Direct:** $56,124
- **F & A:** $24,996

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

- **Sponsor:** NIH/NIDDK
- **Award:** 5 R01 DK081121-03 (10051108)
- **Budget Dates:** 08/01/08 - 06/30/12
- **Direct:** $351,493
- **F & A:** $165,651

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

- **Sponsor:** VAMC
- **Award:** 5 R01 DK081121-03 (10051108)
- **Budget Dates:** 07/01/08 - 06/30/12
- **Direct:** $216,300
- **F & A:** $13,344

### Short Term Research Training for Health Professional Students

- **Sponsor:** NIH/NIDDK
- **Award:** 5 T35 DK007431-27 (10042858-1)
- **Budget Dates:** 05/01/11 - 04/30/12
- **Direct:** $166,800
- **F & A:** $13,344

### Co-Investigator

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

- **PI:** Charlene Pope
- **Dept:** Nursing
- **Sponsor:** VAMC
- **Award:** (08102374-3)
- **Budget Dates:** 10/01/09 - 09/30/12
- **Total:** $253,437
- **F & A:** $9,995

#### Southeastern Virtual Institute for Health Equity and Wellness (SE VIEW)- Project 6

- **PI:** Sabra Slaughter
- **Dept:** Presidents Office
- **Sponsor:** US Army/USAMRAA
- **Award:** W81XWH-10-2-0057 (10071968-7)
- **Budget Dates:** 10/01/10 - 09/30/11
- **Total:** $99,995
- **F & A:** $0

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

- **PI:** Thomas Uhde
- **Dept:** Psychiatry and Behavioral Sciences
- **Sponsor:** Charleston Research Institute
- **Award:** W81XWH-08-2-0047 (08052722-4)
- **Budget Dates:** 05/12/08 - 12/31/10
- **Total:** $84,867
- **F & A:** $0

### Co-Investigator

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

- **PI:** Kenneth Ruggiero
- **Dept:** Psychiatry and Behavioral Sciences
- **Sponsor:** VAMC
- **Award:** W81XWH-10-2-0057 (10071968-7)
- **Budget Dates:** 05/12/08 - 12/31/10
- **Total:** $253,437
- **F & A:** $0

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

- **PI:** Carolyn Jenkins
- **Dept:** Nursing
- **Sponsor:** CDC
- **Award:** 5 US5 DP001015-04 (10042858-1)
- **Budget Dates:** 12/01/10 - 11/30/11
- **Total:** $87,919
- **F & A:** $0

## Egidi, Maria

**Principal Investigator**

### A Randomized, Placebo-Controlled, Double-Blind, Comparative Study Evaluating the Effect of Ramipril on Urinary Protein Excretion in Maintenance Renal Transplant Patients Converted to Sirolimus

- **Sponsor:** Wyeth, Inc.
- **Award:** 0468E5-4439-WW (08043019)
- **Budget Dates:** 05/12/08 - 12/31/10
- **Direct:** $48,097
- **F & A:** $12,024

### A Two-Part, Phase 1/2, Safety, PK and PD Study of Tol101, an Anti-TCR Monoclonal Antibody for Prophylaxis of Acute Organ Rejection in Patients Receiving Renal Transplantation

- **Sponsor:** Toleria Therapeutics, Inc.
- **Award:** TTI-121 (10041515)
- **Budget Dates:** 07/13/10 - 12/30/11
- **Direct:** $84,404
- **F & A:** $0

## Elm, Jordan

**Principal Investigator**

### Parkinson’s Disease Clinical Trial: Statistical Center

- **Sponsor:** Univ. of Texas Health Science Center at Houston
- **Award:** 0007295AUU01 NS043217-11 (10111251)
- **Budget Dates:** 12/01/10 - 11/30/11
- **Direct:** $77,583
- **F & A:** $36,852

### Data Management and Statistics Agreement with Remedy Pharmaceuticals, Inc.

- **Sponsor:** Remedy Pharmaceuticals, Inc.
- **Award:** (11010841)
- **Budget Dates:** 01/12/11 - 09/01/12
- **Direct:** $41,760
- **F & A:** $10,440

### Co-Investigator

#### Accelerating Drug and Device Evaluation Through Innovative Clinical Trial Design - Adaptive Design Trial

- **PI:** Valerie Durkalski
- **Sponsor:** Univ. of Michigan
- **Award:** 3001688366/U01 NS07347601 (10041309-1)
- **Total:** $36,270
- **F & A:** $0
Elm, Jordan

Co-Investigator

Neurological Emergencies Treatment Trials Network Statistical and Data Management
PI: Yuko Palesch
Sponsor: NIH/NINDS
Dept: Medicine
Award: 5 U01 NS059041-05 (10052608-1)
Total: $ 468,056

Fernandes, Jyotika

Principal Investigator

Somatuline Depot Injection for Acromegaly (SODA): A Post-Marketing Observational Study
Sponsor: Tercica, Inc.
Budget Dates: 02/06/09 - 02/05/14
Direct: $ 15,232
F & A: $ 3,808
Award: MS319 (SODA) (09030409)

Genetic Contributors to Diabetes and Dyslipidemia in African Americans
Sponsor: Univ. of Virginia
Budget Dates: 08/01/10 - 07/31/11
Direct: $ 8,463
F & A: $ 4,020
Award: ZC10041-136478/R01 DK0843 (10062959)

A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Multi-Center Study to Evaluate Cardiovascular Outcomes During Treatment with Lixisenatide in Type 2 Diabetic Patients after an Acute Coronary Syndrome
Sponsor: Sanofi-Aventis US, Inc.
Budget Dates: 07/26/10 - 07/31/14
Direct: $ 292,236
F & A: $ 72,309
Award: EFC11319 (10080972)

Feussner, John

Co-PI/Project Director

Aging Q3: Quality Education, Quality of Care, Quality of Life
PI: William Moran
Sponsor: Donald W. Reynolds Fdn.
Dept: Medicine
Award: (11020842-1)
Total: $ 426,267

Fitzgibbon, Wayne

Co-Investigator

Hepato/Renal Fibrocystic Diseases Core Center: Core C
PI: Phillip Bell
Sponsor: Univ. of Alabama, Birmingham
Dept: Medicine
Award: 000402961-001/P30 DK07403 (10030294-1)
Total: $ 128,861

Hepato/Renal Fibrocystic Diseases Core Center: Core C
PI: Phillip Bell
Sponsor: Univ. of Alabama, Birmingham
Dept: Medicine
Award: 000402961-001/P30 DK07403 (10030294-2)
Total: $ 9,747

Flume, Patrick

Principal Investigator

CFF Patient Registry
Sponsor: Cystic Fibrosis Fdn.
Budget Dates: 07/01/10 - 06/30/11
Direct: $ 77,320
F & A: $ 0
Award: C104-10 (10062307)

The Effects of Inhaled TOBI (tobramycin) on the Calculated Tobramycin Elimination Rate Constant in Adult Cystic Fibrosis Patients
Sponsor: Novartis Corp.
Budget Dates: 07/01/10 - 07/31/11
Direct: $ 11,020
F & A: $ 2,730
Award: TBM100DUS02T (10080330)

A Phase 2, Multi-Center, Double-Blind, Placebo-Controlled, Multiple-Dose Study to Evaluate Safety, Tolerability, Efficacy, Pharmacokinetics and Pharmacodynamics of VX 809 Alone and in Combination with VX 770 in Subjects with Cystic Fibrosis, Homozygous for the F508del-CFTR Mutation
Sponsor: Vertex Pharmaceuticals, Inc.
Budget Dates: 08/17/10 - 07/31/11
Direct: $ 74,625
F & A: $ 18,031
Award: VX09-809-102 (10081690)

A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Trial to Confirm the Efficacy after 12 Weeks and the Safety of Tiotropium 5 mg Administered Once Daily via the Respimat Device in Patients with Cystic Fibrosis
Sponsor: MUSC OIP
Budget Dates: 11/08/10 - 08/31/12
Direct: $ 120,856
F & A: $ 27,819
Award: 205.438 (10090345)

Therapeutics Development Center (TDC)
Sponsor: Cystic Fibrosis Fdn. Therapeutics, Inc.
Budget Dates: 01/01/11 - 12/31/11
Direct: $ 78,400
F & A: $ 6,272
Award: C104-TDC09Y (10102568)

A Phase 3, Multi-Center, Multinational, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Efficacy and Safety of MP-376 in Stable Cystic Fibrosis Patients
Sponsor: Rempex Pharmaceuticals, Inc.
Budget Dates: 10/29/10 - 10/31/12
Direct: $ 89,325
F & A: $ 21,706
Award: MPEX-207 (10110837)
Flume, Patrick

**Principal Investigator**

**MPEX-209: A Phase, Open-Label, Randomized Trial to Evaluate the Safety and Efficacy of MP-376 Inhalation Solution (Aeroquin) versus Tobramycin Inhalation Solution (TIS) in Stable Cystic Fibrosis Patients**

Sponsor: Rempex Pharmaceuticals, Inc.  
Budget Dates: 01/10/11 - 12/31/11  
Direct: $116,675

**A Phase 3, Double-Blind, Multi-Center, Randomized, Placebo-Controlled Trial Evaluating Repeated Courses of Aztreonam for Inhalation Solution in Subjects with Non-CF Bronchiectasis and Gram-Negative Endobronchial Infection (AIR-BX1)**

Sponsor: MUSC OIP  
Budget Dates: 05/18/11 - 02/29/12  
Direct: $111,239

Ford, Dee

**Principal Investigator**

**Critical Care Excellence in Sepsis and Trauma (CREST)**

Sponsor: NIH/NCMHD  
Budget Dates: 09/01/10 - 08/31/12  
Direct: $359,042

**Changing the Paradigm of In-hospital CPR with Informed Assent: A Pilot Study**

Sponsor: Univ. of Vermont  
Budget Dates: 07/01/10 - 12/31/11  
Direct: $10,000

**Integrating an End of Life Communication Curriculum Into Pulmonary/Critical Care Training**

Sponsor: CHEST Fdn.  
Budget Dates: 04/01/10 - 03/31/12  
Direct: $68,492

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

Sponsor: Univ. of Washington  
Budget Dates: 04/01/11 - 03/31/12  
Direct: $1,600

Ford, Marvella

**Principal Investigator**

**Collaborative Undergraduate HBCU Student Summer Prostate Cancer Training Program**

Sponsor: DOD  
Budget Dates: 03/01/11 - 02/29/12  
Direct: $55,198

**Coordinating Center of Excellence in the Social Promotion of Health Equity Research, Education, and Community Engagement (CCE-SHERE)**

Sponsor: Univ. of South Carolina  
Budget Dates: 07/01/10 - 02/28/11  
Direct: $5,169

**Southeastern US Collaborative CEED (SUCCEED)**

Sponsor: Morehouse School of Medicine, Inc.  
Budget Dates: 09/30/10 - 09/29/11  
Direct: $53,846
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<tr>
<th>Name</th>
<th>Title/Role</th>
<th>Project Title</th>
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<th>Budget Dates</th>
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<tbody>
<tr>
<td>Ford, Marvella</td>
<td>Co-PI/Project Director</td>
<td>Southeastern Virtual Institute for Health Equity and Wellness (SE VIEW)- Project 4</td>
<td>US Army/USAMRAA</td>
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<td>Garnovskaya, Maria</td>
<td>Principal Investigator</td>
<td>Mechanisms of Regulation of NHE-1</td>
<td>Medical College of Wisconsin</td>
<td>10/01/10 - 08/31/11</td>
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<td>Garrett-Mayer, Elizabeth</td>
<td>Co-PI/Project Director</td>
<td>MUSC CCSG: Biostatistics Shared Resource</td>
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<td>$97,890</td>
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<td>Gault, Christopher</td>
<td>Principal Investigator</td>
<td>The Role of Sphingosine Kinase 1 in Ras-Initiated Lung Carcinogenesis</td>
<td>NIH/NHLBI</td>
<td>02/01/11 - 01/31/12</td>
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<td>Gebregziabher, Muluget</td>
<td>Co-Investigator</td>
<td>Longitudinal Assessment of LDL Immune Complexes and Type 1 Diabetes Complications</td>
<td>NIH/NIDDK</td>
<td>$125,000</td>
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<td>Gemmill, Robert</td>
<td>Co-PI/Project Director</td>
<td>SPORE in Lung Cancer, Project 1</td>
<td>Univ. of Colorado</td>
<td>$187,811</td>
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<td>Gilkeson, Gary</td>
<td>Principal Investigator</td>
<td>A Phase I, Randomized, Double-Blind, Placebo-Controlled, Escalating, Single-and-Multiple-Dose Study of the Safety, Tolerability, and Pharmacokinetics of rhuMab IFNalpha in Adults with Mildly Active Systemic Lupus Erythematosus</td>
<td>Genentech, Inc.</td>
<td>03/14/07 - 06/30/11</td>
<td>11,034</td>
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</table>
Gilkeson, Gary

**Principal Investigator**

**Role of Estrogen Receptors in Lupus-Modulators of the Inflammatory Response**
Sponsor: VAMC
Award: (09041033)  
Budget Dates: 10/01/10 - 09/30/11  
Project Dates: 10/01/09 - 09/30/13  
Direct: $ 150,000  
F & A: 0

**Training Grant in Inflammatory and Fibrosing Diseases**
Sponsor: NIH/NIAMS
Award: 2 T32 AR050958-06 (09052132)  
Budget Dates: 07/01/10 - 06/30/11  
Project Dates: 07/01/04 - 06/30/15  
Direct: $ 191,547  
F & A: 12,968

**Complement Mediated Exacerbation of Asthma by Second Hand Smoke**
Sponsor: Charleston Research Institute
Award: (10062311)  
Budget Dates: 07/01/10 - 06/30/13  
Project Dates: 07/01/10 - 06/30/13  
Direct: $ 60,000  
F & A: 0

**Co-PI/Project Director**

**Role of Reactive Intermediates in Lupus Nephritis**
PI: James Oates  
Dept: Medicine  
Sponsor: NIH/NIAMS  
Award: 5 R01 AR045476-12 (11041270-1)  
Total: $ 232,565

**Co-Investigator**

**The Role of Beta-Arrestins 1 and 2 in Rheumatoid Arthritis**
PI: Hongkuan Fan  
Dept: Neurosciences  
Sponsor: NIH/NIAID  
Award: 5 R03 AI079248-02 (08102780-2)  
Total: $ 50,000

**Three-Year, Follow-Up Study of a Vitamin D Supplementation Pregnancy Cohort in South Carolina**
PI: Carol Wagner  
Dept: Pediatrics  
Sponsor: Thrasher Research Fund  
Award: (09091142-2)  
Total: $ 134,665

**Molecular Mechanisms of the Impact of Fli-1 on Lupus**
PI: Xian Zhang  
Dept: Medicine  
Sponsor: NIH/NIAMS  
Award: 1 R01 AR056670-02 (11012744-1)  
Total: $ 225,000

**Environmental Determinants of Autoimmunity among African Americans in Coastal SC - PARENT**
PI: Diane Kamen  
Dept: Medicine  
Sponsor: NIH/NIEHS  
Award: 5 R21 ES017934-02 (10051095-1)  
Total: $ 229,668

**Environmental Determinants of Autoimmunity among African Americans in Coastal SC (DIVERSITY SUPPLEMENT)**
PI: Diane Kamen  
Dept: Medicine  
Sponsor: NIH/NIEHS  
Award: 5 R21 ES017934-02 (10051095-2)  
Total: $ 84,553

**Molecular Mechanisms of the Impact of Fli-1 on Lupus**
PI: Xian Zhang  
Dept: Medicine  
Sponsor: NIH/NIAMS  
Award: 5 R01 AR056670-02 (11012744-1)  
Total: $ 202,500

**Molecular Mechanisms of the Impact of Fli-1 on Lupus**
PI: Xian Zhang  
Dept: Medicine  
Sponsor: NIH/NIAMS  
Award: 5 R01 AR056670-02 (11012744-2)  
Total: $ 13,500

**South Carolina Clinical and Translational Research Institute (UL1)**
PI: Kathleen Brady  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NCRR  
Award: 5 UL1 RR029882-03 (11012750-1)  
Total: $ 2,477,854

**Role of Reactive Intermediates in Lupus Nephritis**
PI: James Oates  
Dept: Medicine  
Sponsor: NIH/NIAMS  
Award: 5 R01 AR045476-12 (11041270-1)  
Total: $ 232,565

**Mentor**

**Regulation of Vasculature by Estrogen Receptors During Aging in Mouse Models**
PI: Margaret Markiewicz  
Dept: Medicine  
Sponsor: NIH/NIA  
Award: 1 K01 AG031909-01A2 (09110543-1)  
Total: $ 107,028

**The Role of Vitamin D in Systemic Lupus Erythematous**
PI: Diane Kamen  
Dept: Medicine  
Sponsor: VAMC  
Award: 5 K23 AR052364-04 (10051096-1)  
Total: $ 119,875

**The Role of Sphingosine Kinase 1 in a Mouse Model of Chronic Inflammation**
PI: Deanna Baker  
Dept: Medicine  
Sponsor: NIH/NIAMS  
Award: 5 F31 AR057307-02 (10051853-1)  
Total: $ 38,331
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<tr>
<th>Principal Investigator</th>
<th>Funding Opportunities</th>
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<tbody>
<tr>
<td>Gold, Michael</td>
<td><strong>Educational Grant in Support of an EP Fellowship</strong></td>
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<td><strong>Sponsor:</strong> Medtronic, Inc.</td>
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<td><strong>Award:</strong> (02102214)</td>
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<td><strong>Budget Dates:</strong> 10/01/02 - 06/30/12 Direct: $101,852 F &amp; A: $8,148</td>
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<td><strong>Asymptomatic AF and Stroke Evaluation in Pacemaker Patients and the AF Reduction Atrial Pacing Trial (with Evaluation of Mechanisms of AF)</strong></td>
<td><strong>Sponsor:</strong> St. Jude Medical, Inc.</td>
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<td><strong>Award:</strong> ASSERT-MAF (05021634)</td>
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<td><strong>Budget Dates:</strong> 02/11/05 - 10/01/10 Direct: $8,560 F &amp; A: $2,140</td>
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<td><strong>Safety of Sports for Patients with Implantable Cardioverter-Defibrillators: A Multi-Center Registry</strong></td>
<td><strong>Sponsor:</strong> Yale Univ.</td>
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<td><strong>Award:</strong> Sports Registry (08040178)</td>
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<td><strong>Budget Dates:</strong> 04/03/08 - 12/31/11 Direct: $1,600 F &amp; A: $400</td>
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<td><strong>Effect of Cardiac Resynchronization Therapy (CRT) on the Defibrillation Threshold (DFT) Estimates</strong></td>
<td><strong>Sponsor:</strong> St. Jude Medical, Inc.</td>
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<td><strong>Award:</strong> ASSERT-MAF (05021634)</td>
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<td><strong>Budget Dates:</strong> 08/14/08 - 08/13/10 Direct: $11,264 F &amp; A: $2,816</td>
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<td><strong>Prospective Comparison of the 50/50% Tilt and Tuned Defibrillation Waveforms in a Single Coil Active Can Configuration (PROMISE) Study</strong></td>
<td><strong>Sponsor:</strong> St. Jude Medical, Inc.</td>
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<td><strong>Budget Dates:</strong> 06/29/10 - 12/31/15 Direct: $47,680 F &amp; A: $11,920</td>
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<td><strong>S-ICD System Clinical Investigation</strong></td>
<td><strong>Sponsor:</strong> Cameron Health, Inc.</td>
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<td><strong>Award:</strong> S-ICD (10062201)</td>
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<td><strong>Budget Dates:</strong> 06/29/10 - 12/31/15 Direct: $5,000 F &amp; A: $1,250</td>
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<td><strong>US CRT-D Based Heart Failure Monitoring Study (US zLAP)</strong></td>
<td><strong>Sponsor:</strong> St. Jude Medical, Inc.</td>
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<td><strong>Award:</strong> zLap (10072807)</td>
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<td><strong>Budget Dates:</strong> 07/28/10 - 12/31/10 Direct: $73,200 F &amp; A: $17,550</td>
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<td><strong>Evaluation of Left Ventricular AutoThreshold Phase Two ELEVATE 2.0</strong></td>
<td><strong>Sponsor:</strong> Boston Scientific Corp.</td>
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<td><strong>Award:</strong> ELEVATE 2.0 (10121050)</td>
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<td><strong>Budget Dates:</strong> 06/08/11 - 12/31/14 Direct: $62,025 F &amp; A: $14,506</td>
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<td><strong>Multisensor Chronic Evaluations in Ambulatory Heart Failure Patients (MULTISENSE)</strong></td>
<td><strong>Sponsor:</strong> Boston Scientific Corp.</td>
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<td><strong>Award:</strong> MultiSENSE (11032376)</td>
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<td><strong>Axibib (AG-013736) for the Treatment of Metastatic Renal Cell Cancer</strong></td>
<td><strong>Sponsor:</strong> INC Research, Inc.</td>
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<td><strong>Award:</strong> A4061051 (10102673)</td>
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<td><strong>Safety and Efficacy of Multiple Daily Dosing of Oral LFF571 in Patients with Moderate Clostridium Difficile Infections</strong></td>
<td><strong>Sponsor:</strong> MUSC OIP</td>
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<td><strong>Award:</strong> LFF571X2201 (10113013)</td>
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<td><strong>Role of ADAM-17/TACE in the Development of Chronic Kidney Disease: Regulation of Its Activity by Binding Partners</strong></td>
<td><strong>Sponsor:</strong> Paul Teschan Research Fund</td>
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<td><strong>Award:</strong> (10061882)</td>
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<tr>
<td><strong>Effect of AS1411 on Blood Coagulation Ex Vivo</strong></td>
<td><strong>Sponsor:</strong> Antisoma</td>
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<td><strong>Award:</strong> AS1411 (10080439)</td>
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**Golshayan, Ali**

**A Phase 3, Randomized, Double-Blind, Multi-Center Trial Comparing Orteronel (TAK-700) Plus Prednisone with Placebo Plus Prednisone in Patients with Chemotherapy-Naive Metastatic Castration-Resistant Prostate Cancer**

**Sponsor:** Millennium Pharmaceuticals

**Award:** C21004 (10090861)

**Budget Dates:** 09/10/09 - 09/09/15 Direct: $107,700 F & A: $26,175

**Axibib (AG-013736) for the Treatment of Metastatic Renal Cell Cancer**

**Sponsor:** INC Research, Inc.

**Award:** A4061051 (10102673)

**Budget Dates:** 10/20/10 - 11/30/15 Direct: $167,386 F & A: $40,721

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**Gomez, Juanmanual**

**Safety and Efficacy of Multiple Daily Dosing of Oral LFF571 in Patients with Moderate Clostridium Difficile Infections**

**Sponsor:** MUSC OIP

**Award:** LFF571X2201 (10113013)

**Budget Dates:** 12/01/10 - 06/30/11 Direct: $38,404 F & A: $7,156

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**Gooz, Monika**

**Role of ADAM-17/TACE in the Development of Chronic Kidney Disease: Regulation of Its Activity by Binding Partners**

**Sponsor:** Paul Teschan Research Fund

**Award:** (10061882)

**Budget Dates:** 12/01/10 - 11/30/11 Direct: $40,000 F & A: $8,000

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**Greenberg, Charles**

**Effect of AS1411 on Blood Coagulation Ex Vivo**

**Sponsor:** Antisoma

**Award:** AS1411 (10080439)

**Budget Dates:** 07/27/10 - 11/30/10 Direct: $16,208 F & A: $7,699
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<td>Gregg, IV, David</td>
<td>PROspective Multi-Center Imaging Study for Evaluation of Chest Pain (PROMISE Trial)</td>
<td>Duke Univ.</td>
<td>12/02/10 - 07/31/12</td>
<td>$47,762</td>
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<td>Griffin, Emily</td>
<td>ACE: Translational Studies of Insistence on Sameness in Autism</td>
<td>Univ. of Illinois, Chicago</td>
<td>08/01/10 - 07/31/11</td>
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<td>Hant, Faye</td>
<td>Mycophenolate vs. Oral Cyclophosphamide in Scleroderma Interstitial Lung Disease (SLS II)</td>
<td>Univ. of California, Los Angeles</td>
<td>12/02/10 - 07/31/12</td>
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<td>Hawes, Robert</td>
<td>Long-Term, Follow-Up Study of the NDO Surgical Plicator for the Treatment of GERD</td>
<td>NDO Surgical, Inc.</td>
<td>01/15/06 - 06/30/08</td>
<td>$794</td>
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<td>Haycraft, Courtney</td>
<td>Role of Cilia in Mammalian Tooth Patterning</td>
<td>NIH/NIDCR</td>
<td>09/01/10 - 02/29/12</td>
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<td>Heffernan, Linda</td>
<td>Role of Sphingosine Kinase 1 in the p53-Dependent DNA Damage Response</td>
<td>NIH/NIEHS</td>
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<td>$39,445</td>
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<td>Hermayer, Kathie</td>
<td>A 26-Week, Randomized, Confirmatory, Controlled, Open-Label, Multi-Center, Multinational, Treat-to-Target Trial Comparing Efficacy and Safety of SIBA 200 U/mL Three Times Weekly Injected in the Morning and Insulin Glargine Once Daily in a Population of Insulin Naive Subjects with Type 2 Diabetes Mellitus Currently Treated with Oral Anti-Diabetic Drugs (OADs) Qualifying for Intensified Treatment</td>
<td>Novo Nordisk Pharmaceuticals</td>
<td>02/09/10 - 02/08/11</td>
<td>1,280</td>
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<td>Randomized, Clinical Trial of Subcutaneous Analog Basal Bolus Therapy Versus Sliding Scale Human Regular Insulin in the Hospital Management of Hyperglycemia in Non-Critically Ill Patient without Known History of Diabetes: The HMH Trial</td>
<td>Eli Lilly</td>
<td>08/02/10 - 11/30/11</td>
<td>164,849</td>
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Medical University of South Carolina 53
Hermayer, Kathie  
**Principal Investigator**  
Liraglutide Effect and Action in Diabetes: Evaluation of Cardiovascular Outcome Results - A Long Term Evaluation (LEADER)  
Sponsor: Novo Nordisk Pharmaceuticals  
Award: EX2211-3748 LEADER (10102058)  
Budget Dates: 10/27/10 - 10/26/15  
Direct: $302,512  
F & A: $74,503

Herpel, Laura  
**Project Director**  
The ACT Study  
PI: Charlie Strange  
Dept: Medicine  
Sponsor: Alpha-1 Fdn.  
Total: $134,523  
Award: (10060902-1)

**Co-Investigator**  
Respiratory Phase Training Effects on Swallow Impairment in Oropharyngeal Cancer  
PI: Bonnie Martin-Harris  
Dept: Otolaryngology  
Sponsor: NIH/NIDCD  
Total: $125,000  
Award: 5 R21 DC010480-02 (08111390-2)

Alpha-1 Registry Study  
PI: Charlie Strange  
Dept: Medicine  
Sponsor: Alpha-1 Fdn.  
Total: $121,133  
Award: (10060901-1)

Highland, Kristin  
**Principal Investigator**  
Environmental Risk Factors for the Anti-Synthetase Syndrome  
Sponsor: SRA International, Inc.  
Award: S939000012 (10123116)  
Budget Dates: 03/01/11 - 09/29/14  
Direct: $52,500  
F & A: $24,938

Pulmonary Arterial Hypertension Quality Enhancement Research Initiative Extension Program (PAH EX)  
Sponsor: MD Primer, Inc.  
Award: CHRC-002 (11051207)  
Budget Dates: 05/18/11 - 05/17/14  
Direct: $18,700  
F & A: $3,800

Drug Registry to Prospectively Describe Use of Room Temperature Stable Epoprostenol for Injections in Patients with Pulmonary Arterial Hypertension  
Sponsor: Actelion Pharmaceuticals  
Award: AC-066A501 (11120310)  
Budget Dates: 06/15/11 - 12/31/12  
Direct: $80,600  
F & A: $19,400

Hoffman, Brenda  
**Principal Investigator**  
A Multi-Center, Open-Label Trial to Evaluate the Long-Term Safety and Tolerability of a New Balsalazide Disodium Tablet Formulation in Patients with Ulcerative Colitis  
Sponsor: Salix Pharmaceuticals, Inc.  
Award: buzuc3005 (07040349)  
Budget Dates: 04/17/07 - 08/31/09  
Direct: $2,830  
F & A: $707

A Phase IIIb, Randomized, Placebo-Controlled Study to Evaluate the Clinical Efficacy and Safety of Induction and Maintenance Therapy with BMS-936557 in Subjects with Active Ulcerative Colitis (UC) IM129-005-056  
Sponsor: Bristol Myers Squibb  
Award: IM129-005-056 (11041165)  
Budget Dates: 05/04/11 - 04/30/14  
Direct: $222,144  
F & A: $54,911

A Phase 2A, Randomized, Double-Blind, Sponsor Unblinded, Placebo-Controlled, Multiple, Dose Study to Evaluate the Pharmacodynamics, Pharmacokinetics and Safety of Anrakinzumab in Patients with Actv  
Sponsor: Icon Clinical Research, Inc.  
Award: B2421003 (11110079)  
Budget Dates: 05/16/11 - 05/31/12  
Direct: $54,838  
F & A: $12,960

Hoffman, Stanley  
**Principal Investigator**  
Curcumin Treatment of Lung Fibrosis: Improved Delivery and Target Cells  
Sponsor: NIH/NCCAM  
Award: 5 R21 AT004450-02 (11031013)  
Budget Dates: 05/01/11 - 04/30/12  
Direct: $123,750  
F & A: $58,781

SC Cobre for Cardiovascular Diseases: Core D - Molecular Tool Kit  
PI: Roger Markwald  
Dept: Regenerative Medicine and Cell Biology  
Award: 5 P20 RR016434-10 (10042856-12)  
Total: $193,875
Hoffman, Stanley

**Mentor**

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

PI: Elena Tourkina  
Sponsor: NIH/NIAMS  
Total: $111,530

Dept: Medicine  
Award: 5 K01 AR054143-04 (10050474-1)

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Huang, Yan

**Principal Investigator**

**Toll-Like Receptors and Atherosclerosis in Diabetes**

Sponsor: VAMC  
Budget Dates: 10/01/10 - 09/30/11  
Direct: $261,800

**The Effect of Statin on Diabetes-Associated Periodontal Disease**

Sponsor: NIH/NIAMS  
Budget Dates: 07/20/10 - 04/30/11  
Direct: $242,500

**The Effect of Statin on Diabetes-Associated Periodontal Disease**

Sponsor: NIH/NIAMS  
Budget Dates: 05/01/11 - 04/30/12  
Direct: $115,188

---

Huggins, John

**Principal Investigator**

**Safety and Efficacy of BIBF 1120 at High Dose in Idiopathic Pulmonary Fibrosis Patients II**

Sponsor: Boehringer Ingelheim Pharmaceuticals  
Budget Dates: 06/03/11 - 05/31/12  
Direct: $129,394

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

Sponsor: Clemson Univ.  
Budget Dates: 05/01/11 - 04/30/12  
Direct: $81,582

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

Pl: Maria Lopes-Virella  
Sponsor: NIH/NIDDK  
Total: $353,566

Dept: Medicine  
Award: 5 R01 DK081352-03 (10061119-1)

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Irions, Jr., Eddie

**Principal Investigator**

**Interobserver Reliability and Accuracy of the Rosemont Consensus Criteria and Conventional EUS Criteria for Chronic Pancreatitis: A Randomized Multi-Center Study**

Sponsor: Amer. Society for Gastrointestinal Endoscopy  
Budget Dates: 07/01/10 - 06/30/12  
Direct: $20,000

**Discovery of Urine Biomarkers in Patients with Glomerular Disease**

Sponsor: Nephure Foundation  
Budget Dates: 07/01/10 - 07/01/12  
Direct: $99,822

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

Sponsor: DOD/DNRF  
Budget Dates: 01/05/11 - 01/04/13  
Direct: $55,254

---

Jaffa, Ayad

**Principal Investigator**

**Kallikrein and Vascular Disease Risk in Diabetes**

Sponsor: NIH/HLBI  
Budget Dates: 08/01/10 - 07/31/11  
Direct: $249,515

**Collaborative Research: A Proteomic Approach to Understanding Cytoprotective Biogenic Sulfur Production in Sea-Ice Diatoms**

Sponsor: NSF  
Budget Dates: 08/01/10 - 07/31/12  
Direct: $61,152

**Discovery of Urine Biomarkers in Patients with Glomerular Disease**

Sponsor: Nephure Foundation  
Budget Dates: 07/01/10 - 07/01/12  
Direct: $99,822

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

Sponsor: DOD/DNRF  
Budget Dates: 01/05/11 - 01/04/13  
Direct: $55,254

---

Janech, Michael

**Principal Investigator**

**Prognostic Markers in Postoperative Acute Kidney Injury**

Pl: John Arthur  
Sponsor: NIH/NIDDK  
Total: $278,705

Dept: Medicine  
Award: 5 R01 DK080234-04 (11041490-1)
Janech, Michael

Co-Investigator

**Tyrosine Kinases in G Protein Mediated Signaling**

PI: Louis Luttrell  
Sponsor: NIH/NIDDK  
Total: $213,172

Dept: Medicine  
Award: 5 R01 DK055524-13 (11042207-1)

**Principal Investigator**

**Interventional Management of Stroke Study III**

Sponsor: Univ. of Cincinnati  
Budget Dates: 12/01/09 - 11/30/11  
Direct: $94,934

Award: COEUS 003525/U01 NS052220 (10012664)  
Project Dates: 07/01/08 - 11/30/11  
F & A: 45,093

Jauch, Edward

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

PI: Yuko Palesch  
Sponsor: NIH/NINDS  
Total: $468,056

Dept: Medicine  
Award: 5 U01 NS059041-05 (10052608-1)

**Interventional Management of Stroke Study III**

Sponsor: Univ. of Cincinnati  
Budget Dates: 12/01/09 - 11/30/11  
Direct: $94,934

Award: COEUS 003525/U01 NS052220 (10012664)  
Project Dates: 07/01/08 - 11/30/11  
F & A: 45,093

Kamen, Diane

**Principal Investigator**

**Predicting Systemic Autoimmunity Through Follow-Up Of Blood Relatives**

Sponsor: Oklahoma Medical Research Fdn.  
Budget Dates: 09/01/10 - 08/31/12  
Direct: $54,908

Award: 5 RC1 AR058554-02 (09041612)  
Project Dates: 09/29/09 - 08/31/12  
F & A: 14,276

**Mapping Autoimmune Phenotypes in Multiplex Families**

Sponsor: The Feinstein Institute for Medical Research  
Budget Dates: 07/01/10 - 06/30/12  
Direct: $1,356

Award: 5 K23 AR052364-04 (10051096)  
Project Dates: 08/03/07 - 06/30/12  
F & A: 644

Kilby, J.

**Principal Investigator**

**A Phase III, Randomized, Double-Blind Study of the Safety and Efficacy of GSK1349572 Plus Abacavir/Lamivudine Fixed-Dose Combination Therapy Administered Once Daily Compared to Atripla Over 96 Weeks in HIV-1 Infected Antiretroviral Therapy Naive Adult Subjects**

Sponsor: GlaxoSmithKline  
Budget Dates: 11/01/10 - 04/14/15  
Direct: $236,772

Award: ING 114467 (11011469)  
Project Dates: 11/01/10 - 04/14/15  
F & A: 58,568

Ryan White Part B Program

Sponsor: SC DHEC  
Budget Dates: 04/01/11 - 03/31/12  
Direct: $1,515,025

Award: HV-1-747 (11022212)  
Project Dates: 04/01/11 - 03/31/16  
F & A: 0
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<td><strong>Lipoproteins and Pigment Epithelial Derived Factor (PEDF) in the Vascular Complications of Diabetes</strong></td>
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<td>Sponsor: Oklahoma University Health Sc. Center</td>
<td>Budget Dates: 07/01/10 - 06/30/12</td>
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<td>Award: RS20090737 (09080513)</td>
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**Co-Investigator**

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<th><strong>Biomarkers of Vascular Disease Progression in Type 1 Diabetes Mellitus</strong></th>
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<td>PI: Maria Lopes-Virella</td>
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<th><strong>Knapp, Rebecca</strong></th>
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<td><strong>3/8 - Prolonging Remission in Depressed Elderly (PRIDE)</strong></td>
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<td>Sponsor: NIH/NIMH</td>
<td>Budget Dates: 04/01/11 - 03/31/12</td>
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**Co-Investigator**

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<th><strong>Innovative Service Delivery for Secondary Prevention of PTSD in at-Risk OIF-OEF Service Men and Women</strong></th>
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<tr>
<td>PI: Thomas Uhde</td>
<td>Sponsor: Charleston Research Institute</td>
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<td>Dept: Psychiatry and Behavioral Sciences</td>
<td>Award: W81XWH-08-2-0047 (08052722-4)</td>
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<th><strong>Trauma Management Therapy for OEF and OIF Combat Veterans</strong></th>
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<td>PI: Thomas Uhde</td>
<td>Sponsor: Univ. of Central Florida</td>
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<td>Dept: Psychiatry and Behavioral Sciences</td>
<td>Award: 24096033-01/W81XWH1120038 (08121722-1)</td>
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<th><strong>Evaluation of Novel PTSD Risk Assessment Tools for Disaster-Exposed Youth</strong></th>
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<td>PI: Carla Danielson</td>
<td>Sponsor: NIH/NIMH</td>
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<td>Dept: Psychiatry and Behavioral Sciences</td>
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<th><strong>Southeastern Virtual Institute for Health Equity and Wellness (SE VIEW) - Project 6</strong></th>
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<td>PI: Sabra Slaughter</td>
<td>Sponsor: US Army/USAMRAA</td>
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<td>Dept: Presidents Office</td>
<td>Award: W81XWH-10-2-0057 (10071968-7)</td>
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<th><strong>Koch, David</strong></th>
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<td><strong>Principal Investigator</strong></td>
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<td><strong>Hepatopulmonary Syndrome and the Role of Endothelin-1 in Human Disease</strong></td>
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<td>Sponsor: Amer. College of Gastroenterology</td>
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<td><strong>Co-Investigator</strong></td>
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<td><strong>Southern Consortium Node of the Clinical Trials Network</strong></td>
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<td>PI: Kathleen Brady</td>
<td>Sponsor: NIH/NIDA</td>
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<td>Dept: Psychiatry and Behavioral Sciences</td>
<td>Award: 2 U10 DA013727-11 (09102141-1)</td>
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<th><strong>Measuring the Association Between Improved Perinatal Outcomes, Board Certification and Maintenance of Certification</strong></th>
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<tr>
<td>PI: Scott Sullivan</td>
<td>Sponsor: Fdn. for Exxcellence in Wome</td>
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<td>Dept: Obstetrics and Gynecology</td>
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<th><strong>Trans-Generational Impact of Maternal Obesity and Diabetes on Health Disparities</strong></th>
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<td>PI: Kelly Hunt</td>
<td>Sponsor: Clemson Univ.</td>
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<tr>
<td><strong>Principal Investigator</strong></td>
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<tr>
<td><strong>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</strong></td>
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<td>Sponsor: Quintiles Pacific, Inc.</td>
<td>Budget Dates: 07/19/05 - 04/19/11</td>
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<th><strong>The Mechanism of Action of Unique Small Molecules That Inhibit the Pim Protein Kinase Blocking Prostate Cancer Cell Growth</strong></th>
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<td>Sponsor: DOD</td>
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<td>Award: W81XWH-09-1-0300 (08060478)</td>
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<tr>
<th><strong>Novel Inhibitors of Pim Protein Kinases</strong></th>
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<td>Sponsor: Vortex Biotechnology Corp.</td>
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Kraft, Andrew

Principal Investigator

**Cancer Center Support Grant**
Sponsor: NIH/NCI
Award: 3 P30 CA138313-01S3 (09051456)

**Novel Therapeutic Approaches Toward Treating Prostate Cancer**
Sponsor: DOD
Award: W81XWH-10-1-0249 (09070751)

**MUSC CCSG: caBIG Technology**
Sponsor: NIH/NCI
Award: 3 P30 CA138313-02S4 (10012780)

**Health Care and Other Facilities Awards**
Sponsor: HRSA
Award: 1 C76HF19366-01-00 (10043065)

**2011 Avon Foundation Safety Net Program**
Sponsor: Avon Fdn.
Award: 05-2010-099 (10081175)

**Cancer Center Support Grant and Supplements**
Sponsor: NIH/NCI
Award: 5 P30 CA138313-03 (1102102)

**Tobacco-Related Cancer Research**
Sponsor: State of SC
Award: (11041487)

**Mentor Role of Pim Kinases in Prostate Epithelium Growth**
PI: Bo Cen
Dept: Medicine
Award: 1 K01 DK085196-01A1 (10030935-1)

Kramer, Rita

Principal Investigator

**Study Evaluating Neratinib Plus Paclitaxel vs Trastuzumab Plus Paclitaxel in ErbB-2 Positive Advanced Breast Cancer (NEFERTT)**
Sponsor: Wyeth, Inc.
Award: 3144A2-3005-WW (09110436)

**Study Evaluating the Effects of Neratinib in Women with Early Stage Breast Cancer (ExteNET)**
Sponsor: Icon Clinical Research, Inc.
Award: B1891004 (3144A2-3004) (09111989)

**A Randomized, 3 Arm, Multi-Center, Phase III Study to Evaluate the Efficacy and Safety of T-DM1 Combined with Pertuzumab or T-DM1 Combined with Pertuzumab-Placebo (Blinded for Pertuzumab), versus the Combination of Trastuzumab plus Taxane, as First Line Treatment in HER2-Positive Progressive or Recurrent Locally Advanced or Metastatic Breast Cancer (MBC)**
Sponsor: Roche Pharmaceuticals
Award: B022589/TDM4788G (10102563)

Kuppuswamy, Dhandapa

Principal Investigator

**mTOR in Growth and Protection of Hypertrophying Myocardium**
Sponsor: NIH/NHLBI
Award: 5 R01 HL092124-03 (10092219)

**MAP4 Regulation of Cardiac Microtubule Network Density**
PI: George Cooper, IV
Dept: Medicine
Award: 5 R01 HL094545-02 (11022214-1)
Kuppuswamy, Dhandapa  Co-Investigator
Beta-Adrenergic Control of the Pathological Cardiac Microtubule Network
PI: George Cooper, IV  Sponsor: NIH/NHLBI  Total: $ 125,000
Dept: Medicine  Award: 5 R21 HL104287-02 (11031541-1)

Lawson, Andrew  Principal Investigator
Modeling Spatial and Family Factors in the Transmission of Wealth
Sponsor: Univ. of South Carolina  Budget Dates: 09/01/10 - 08/31/12  Direct: $ 52,546
Award: 10-1745/R21 HD060111-01 (08111285)
Dept: Medicine  Award: 10-1710/R21 HD060111-01 (08111285)
Project Dates: 09/30/09 - 08/31/12  F & A: 24,004
Development and Evaluation of Spatial Survival Models
Sponsor: Univ. of South Carolina  Budget Dates: 09/01/10 - 08/31/12  Direct: $ 10,812
Award: 116515/R03 CA139538 (09030518)
Dept: Medicine  Award: 10-1716/R01 DK067615-01A2 (10072186)
Project Dates: 09/01/09 - 08/31/12  F & A: 5,136
Urban Malaria Mapping: A New Methodology to Assess Spatio-Temporal Trends
Sponsor: Harvard University  Budget Dates: 04/01/11 - 03/31/12  Direct: $ 25,000
Award: 10-1784/R01 ES012895-04A2 (10051095)
Dept: Medicine  Award: 10-1716/R01 DK067615-01A2 (10072186)
Project Dates: 09/01/09 - 08/31/12  F & A: 24,004

Leman, Robert  Principal Investigator
Sudden Cardiac Death in Heart Failure Trial 10 Year Follow-up
Sponsor: Seattle Inst. for Cardiac Research  Budget Dates: 11/02/10 - 12/31/11  Direct: $ 286
Award: Site 068/RC1 HL100625 (10102995)
Dept: Medicine  Award: 5 R21 ES017934-02 (10051095-1)

Litvin, Cara  Co-Investigator
Reducing Inappropriate Prescribing of Antibiotics by Primary Care Clinicians
PI: Arch Mainous  Sponsor: AHRQ  Total: $ 183,623
Dept: Family Medicine  Award: HHSA290200710015 TA#3 (09051460-2)

Lopes-Virella, Maria  Principal Investigator
Lipoprotein Metabolism and Cell Lipoprotein in Diabetes Mellitus
Sponsor: VAMC  Budget Dates: 10/01/10 - 08/30/11  Direct: $ 125,000
Award: (07063038)
Dept: Medicine  Award: 1 R01 DK088778-01 (09100251-1)
Biomarkers of Vascular Disease Progression in Type 1 Diabetes Mellitus
Sponsor: NIH/NIDDK  Budget Dates: 08/01/10 - 07/31/11  Direct: $ 353,566
Award: 5 R01 DK081352-03 (10061119)
Dept: Medicine  Award: 5 R01 DK081352-03 (10061119)
Project Dates: 09/01/08 - 07/31/12  F & A: 152,594

The Effect of Statin on Diabetes-Associated Peridontal Disease
PI: Yan Huang  Sponsor: NIH/NIDCD  Total: $ 250,000
Dept: Medicine  Award: 2 R01 DE016353-06A1 (09110332-1)

The Effect of Statin on Diabetes-Associated Periodontal Disease
PI: Yan Huang  Sponsor: NIH/NIDCD  Total: $ 225,000
Dept: Medicine  Award: 5 R01 DE016353-07 (11031540-1)

The Effect of Statin on Diabetes-Associated Peridontal Disease
PI: Yan Huang  Sponsor: NIH/NIDCD  Total: $ 17,500
Dept: Medicine  Award: 5 R01 DE016353-07 (11031540-2)
Luttrell, Deirdre

**Kallikrein and Vascular Disease Risk in Diabetes**

- **PI:** Ayad Jaffa
- **Sponsor:** NIH/NHLBI
- **Total:** $249,515
- **Dept:** Medicine
- **Award:** 5 R01 HL087986-03 (10060463-1)

**Continuing Medical Education Program, the Coming of the Age of Medical Miracles: from Osler to Insulin**

- **PI:** Ayad Jaffa
- **Sponsor:** NIH/NIDDK
- **Direct:** $213,172
- **Dept:** Medicine
- **Award:** 5 R01 HL087986-03 (10060463-1)

**Mentor**

**Regulation of 5-HT1A Receptor by Calmodulin**

- **PI:** Sonya Coaxum
- **Sponsor:** NIH/NHLBI
- **Total:** $105,095
- **Dept:** Medicine
- **Award:** 5 K01 HL092606-03 (11001097-1)

Luttrell, Louis

**Continuing Medical Education Program, the Coming of the Age of Medical Miracles: from Osler to Insulin**

- **PI:** Ayad Jaffa
- **Sponsor:** NIH/NHLBI
- **Direct:** $5,350
- **Dept:** Medicine
- **Award:** Educational Grant (09031146)
- **Budget Dates:** 04/01/09 - 06/30/12
- **Project Dates:** 09/25/98 - 05/31/14
- **F & A:** 101,257

**Co-Investigator**

**Kallikrein and Vascular Disease Risk in Diabetes**

- **PI:** Ayad Jaffa
- **Sponsor:** NIH/NHLBI
- **Total:** $249,515
- **Dept:** Medicine
- **Award:** 5 R01 HL087986-03 (10060463-1)

**Co-Investigator**

**Tyrosine Kinases in G Protein Mediated Signaling**

- **PI:** Ayad Jaffa
- **Sponsor:** NIH/NHLBI
- **Total:** $249,515
- **Dept:** Medicine
- **Award:** 5 R01 HL087986-03 (10060463-1)

Magauran, Claire

**A Phase 3, Multi-Center, Randomized, Double-Blind, Controlled Study to Evaluate the Efficacy and Safety of Peramivir Administered Intravenously in Addition to Standard of Care Compared to Standard of Care Alone in Subjects Who are Hospitalized Due to Influenza**

- **PI:** Donald Menick
- **Sponsor:** BioCryst Pharmaceuticals, Inc.
- **Direct:** $128,818
- **Dept:** Medicine
- **Award:** BCX1812-301 (10100581)
- **Budget Dates:** 09/24/10 - 10/31/11
- **Project Dates:** 09/24/10 - 10/31/11
- **F & A:** 31,579

Mani, Santhosh

**Role of Protein Acetylation in NCX1 Expression**

- **PI:** Donald Menick
- **Sponsor:** NIH/NHLBI
- **Total:** $250,000
- **Dept:** Medicine
- **Award:** 5 R01 HL095696-03 (11022216-1)

Markiewicz, Margaret

**Regulation of Vasculature by Estrogen Receptors During Aging in Mouse Models**

- **PI:** Yuko Palesch
- **Sponsor:** NIH/NIA
- **Direct:** $107,028
- **Dept:** Medicine
- **Award:** 1 K01 AG031909-01A2 (09110543)
- **Budget Dates:** 08/01/10 - 07/31/11
- **Project Dates:** 08/01/10 - 07/31/15
- **F & A:** 8,420

Martin, Renee

**PROFESS - Second Stroke Analysis and Chronic Pain Analysis**

- **PI:** Yuko Palesch
- **Sponsor:** NIH/NINDS
- **Total:** $468,056
- **Dept:** Medicine
- **Award:** 5 U01 NS059041-05 (10052608-1)
- **Budget Dates:** 06/01/09 - 05/31/12
- **Project Dates:** 06/01/09 - 05/31/12
- **F & A:** 3,593

**The Significance of Intracranial Hemorrhage after Revascularization Therapy**

- **PI:** Yuko Palesch
- **Sponsor:** NIH/NINDS
- **Total:** $258,524
- **Dept:** Medicine
- **Award:** 5 U01 NS061861-02 (11010737-1)
- **Budget Dates:** 02/01/07 - 01/31/12
- **Project Dates:** 02/01/07 - 01/31/12
- **F & A:** 1,588

McDermott, Paul

**Contractile Regulation of Cardiocyte Protein Synthesis**

- **PI:** Amy Bradshaw
- **Sponsor:** NIH/NHLBI
- **Total:** $250,000
- **Dept:** Medicine
- **Award:** 5 R01 HL094517-02 (08102901-2)
### Menick, Donald

#### Principal Investigator

**Regulatory Role of HDACs in Post-MI MMP Induction**
- **Sponsor:** Amer. Heart Assoc./Mid-Atlantic
- **Award:** 09GRNT200202-02 (09013002)
- **Direct:** $70,000

**Training to Improve Cardiovascular Therapies**
- **Sponsor:** NIH/NHLBI
- **Award:** 5 T32 HL007260-34 (10011502)
- **Direct:** $492,806

**Research Education Program for Minority Medical Students**
- **Sponsor:** NIH/NHLBI
- **Award:** 5 R25 HL095696-03 (11022216)
- **Direct:** $250,000

**Role of Protein Acetylation in NCX1 Expression**
- **Sponsor:** NIH/NHLBI
- **Award:** 5 R01 HL095696-03 (11022216)
- **Direct:** $250,000

### Mohr, Jr., Lawrence

#### Principal Investigator

**Long-Term Lung Health after Exposure to Chlorine Gas**
- **Sponsor:** Univ. of South Carolina
- **Award:** 11-1880/R01 ES015532-01A1 (10031037)
- **Direct:** $48,909

**Development of a Proposal for a Feasibility Study of a Savannah River Site Worker Medical Surveillance and Health Risk Reporting System**
- **Sponsor:** SCUREF
- **Award:** WEST186/KS40814-O (10091077)
- **Direct:** $49,262

**Employee Wellness Model Options and Surveillance Feasibility**
- **Sponsor:** SCUREF
- **Award:** WEST193/TOA#KT02629-0 (11030909)
- **Direct:** $554,203

### Moran, William

#### Principal Investigator

**Aging Q3: Quality Education, Quality of Care, Quality of Life**
- **Sponsor:** Donald W. Reynolds Fdn.
- **Award:** (11020842)
- **Direct:** $426,267

**Role of Reactive Intermediates in Lupus Nephritis**
- **Sponsor:** NIH/NIAMS
- **Award:** 5 R01 AR045476-12 (11041270)
- **Direct:** $232,565

### Morinelli, Thomas

#### Co-Investigator

**Role of Reactive Intermediates in Lupus Nephritis**
- **Sponsor:** NIH/NIAMS
- **Award:** 5 R01 AR045476-12 (11041270)
- **Direct:** $232,565

### Morris, Pamela

#### Principal Investigator

**A Clinical Outcomes Study of Darapladib versus Placebo in Subjects Following Acute Coronary Syndrome to Compare the Incidence of Major Adverse Cardiovascular Events (MACE)**
- **Sponsor:** Brigham and Womens Hospital
- **Award:** SOLID TIMI 52 (10111978)
- **Direct:** $116,124

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Medical University of South Carolina
Morris, Pamela
Co-Investigator
A Phase III, Double-Blind, Randomized, Placebo-Controlled Study to Evaluate the Effects of RO4607381 on Cardiovascular (CV) Risk in Stable CHD Patients with a Documented Recent Acute Coronary Syndrome (ACS)
PI: James Thomas
Dept: Medicine
Sponsor: Hoffman-LaRoche, Inc.
Award: NC20971 (08020169-4)
Total: $ 294,592

Preventing Heart Disease in Women of South Carolina
PI: Marian Taylor
Dept: Medicine
Sponsor: Health Sciences SC
Award: 6075-SP (08102267-3)
Total: $ 105,300

Mullen, Thomas
Principal Investigator
Ceramide Synthases CERS5 and CERS6 Regulate Pathways of Programmed Cell Death
Sponsor: NIH/NIEHS
Budget Dates: 07/15/10 - 07/14/11
Direct: $ 36,590
Award: 5 F30 ES016975-03 (10042643)
Project Dates: 07/15/08 - 07/14/12
F & A: 0

Nasare, Patrick
Co-Investigator
Development of Anti-Glut-1 Antibody as a Novel Therapeutic Strategy against Breast Cancer
PI: George Simon
Dept: Medicine
Sponsor: US Army/USAMRAA
Total: $ 135,212
Award: W81XWH-07-1-0348 (10121469-1)

Nicholas, Joyce
Co-PI/Project Director
SC Autism and Developmental Disabilities Monitoring Project (ADDM)
PI: Jane Charles
Dept: Pediatrics
Sponsor: CDC
Award: 5 UR3 DD000682-02 (11022850-2)
Total: $ 269,220

SC Autism and Developmental Disabilities Monitoring Project (4 yr old surveillance)
PI: Jane Charles
Dept: Pediatrics
Sponsor: CDC
Award: 5 UR3 DD000682-02 (11022850-3)
Total: $ 95,019

Co-Investigator
Biomarkers in Autism of Aripiprazole and Risperidone Treatment (BAART)
PI: C. Devane
Dept: Psychiatry and Behavioral Sciences
Sponsor: NIH/NICHD
Award: 1 R01 HD062550-01A1 (09110202-1)
Total: $ 461,289

P I/II Intraventricular DepoCyt (OD#06-2348) in Glioblastoma (76, 730, 11/06)
PI: Bruce Frankel
Dept: Neurosciences
Sponsor: FDA
Award: 5 R01 FD003542-02 (10063074-1)
Total: $ 107,486

Nielsen, Christopher
Principal Investigator
A Clinical Evaluation of the XIENCE V Everolimus Eluting Coronary Stent System in the Treatment of Subjects with De Novo Native Coronary Artery Lesions
Sponsor: Advanced Cardiovascular Systems
Budget Dates: 10/20/06 - 05/31/12
Direct: $ 6,440
Award: SPITIR IV - Protocol 05-3 (06101021)
Project Dates: 10/20/06 - 05/31/12
F & A: 1,610

A Randomized, Double-Blind, Placebo-Controlled, Event-Driven Trial of Quarterly Subcutaneous, Canakinumab in the Prevention of Recurrent Cardiovascular Events among Stable Post-Myocardial Infarction Patients with Elevated hsCRP
Sponsor: Novartis Corp.
Budget Dates: 04/01/11 - 12/31/16
Direct: $ 247,445
Award: AC2985M2301 (11032912)
Project Dates: 04/01/11 - 12/31/16
F & A: 60,611

Nietert, Paul
Co-Investigator
Reducing Inappropriate Prescribing of Antibiotics by Primary Care Clinicians
PI: Arch Mainous
Dept: Family Medicine
Sponsor: AHRQ
Award: HHSA290200710015 TA#3 (09051460-2)
Total: $ 183,623

Enhancing Comparative Effectiveness Research Capabilities in PPRNet
PI: Steven Ornstein
Dept: Family Medicine
Sponsor: AHRQ
Award: 1 R24 HS019448-01 (10011392-1)
Total: $ 322,959

Dissemination of the PPRNet Model for Improving Medication Safety
PI: Andrea Wessell
Dept: Family Medicine
Sponsor: AHRQ
Award: 1 R18 HS019593-01 (10012133-1)
Total: $ 203,297

Mechanisms of H. Pylori-Induced Hypochlorhydria
PI: Adam Smolka
Dept: Medicine
Sponsor: NIH/NIDDK
Award: 2 R56 DK064371-05A2 (10022681-1)
Total: $ 296,142
Nietert, Paul

Co-Investigator
Effect on Boxed Warnings and Public Information on Pharmaceutical Use
PI: Ruth Jenkins Sponsor: Univ. of Georgia Total: $47,183
Dept: Family Medicine Award: RR579-055/3503578/R01 HS0 (10070795-1)

Implementation of Alcohol Screening, Intervention and Treatment in Primary Care
PI: Peter Miller Sponsor: NIH/NIAA Total: $334,911
Dept: Psychiatry and Behavioral Sciences Award: S R01 AA016768-03 (10071333-1)

South Carolina Clinical and Translational Research Institute (UL1)
PI: Kathleen Brady Sponsor: NIH/NCRR Total: $2,477,854
Dept: Psychiatry and Behavioral Sciences Award: 5 UL1 RR029882-03 (11012750-1)

Novgorodov, Sergei

Co-Investigator
Mitochondrial Ceramide in Chemotherapy-Induced Apoptosis
PI: Lina Obeid Sponsor: NIH/NIA Total: $49,873
Dept: Medicine Award: 3 R01 AG016583-12S1 (09062551-2)

Sphingolipids in Cancer Biology and Therapy (Project 3)
PI: Yusuf Hannun Sponsor: NIH/NCI Total: $160,046
Dept: Biochemistry and Molecular Biology Award: 5 R01 AR056670-02 (10060360-7)

Nowling, Tamara

Principal Investigator
The Role of Fli1 in T Cell Function and the Pathogenesis of Lupus
Sponsor: VAMC Budget Dates: 04/01/11 - 03/31/12 Direct: $262,000
Award: (09070112) Project Dates: 04/01/09 - 03/31/12 F & A: 0

Co-Investigator
Molecular Mechanisms of the Impact of Fli-1 on Lupus
PI: Xian Zhang Sponsor: NIH/NIAMS Total: $225,000
Dept: Medicine Award: 1 R01 AR056670-01A2 (09110294-1)

Molecular Mechanisms of the Impact of Fli-1 on Lupus
PI: Xian Zhang Sponsor: NIH/NIAMS Total: $202,500
Dept: Medicine Award: 5 R01 AR056670-02 (11012744-1)

Molecular Mechanisms of the Impact of Fli-1 on Lupus
PI: Xian Zhang Sponsor: NIH/NIAMS Total: $13,500
Dept: Medicine Award: 5 R01 AR056670-02 (11012744-2)

O'Brien, Paul

Principal Investigator
A Multi-Center Treatment Protocol for Compassionate Use of Ipilimumab (BMS-734016) Monotherapy in Subjects with Unresectable Stage III or Stage IV Melanoma
Sponsor: Bristol Myers Squibb Budget Dates: 01/31/08 - 02/04/13 Direct: $20,000
Award: CA184-045 (08021346) Project Dates: 01/31/08 - 02/04/13 F & A: 5,000

Randomized, Double-Blind, Multi-Center, Two-Stage, Adaptive, Phase 3 Study of Intravenous Administration of REOLYSIN (Reovirus Type 3 Dearing) in Combination with Paclitaxel and Carboplatin versus the Chemotherapy Alone in Patients with Metastatic or Recurrent Squamous Cell Carcinoma of the Head and Neck Who have Progressed On or after Prior Platinum-Based Chemotherapy
Sponsor: Oncolytics Biotech, Inc. Budget Dates: 01/21/11 - 01/31/16 Direct: $233,460
Award: REO 018 (11012199) Project Dates: 01/21/11 - 01/31/16 F & A: 57,615

Co-Investigator
Targeting mTOR as a Novel Mechanism-Based Therapy for Head and Neck Cancer
PI: M. Young Sponsor: NIH/NCI Total: $75,467
Dept: Otolaryngology Award: 3 R01 CA128837-01A2S1 (09052122-2)

O'Brien, Terrence

Principal Investigator
Conduction System Remodeling after Myocardial Infarction
Sponsor: VAMC Budget Dates: 04/01/11 - 03/31/12 Direct: $150,000
Award: (09070113) Project Dates: 04/01/09 - 03/31/12 F & A: 0

Co-PI/Project Director
Cost-Effectiveness and Cost-Benefit of Multi-Slice Coronary CT Angiography versus Cardiac Catheterization in Patients with Abnormal Myocardial Perfusion Studies
PI: Uwe Schoepf Sponsor: Siemens Medical Solutions U Total: $120,763
Dept: Radiology Award: MUSC-2010-CT-36024-Schoep (10062851-1)
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Obeid, Lina

**Mentor**

Regulation of Vasculature by Estrogen Receptors During Aging in Mouse Models

PI: Margaret Markiewicz  
Sponsor: NIH/NIA  
Total: $107,028

Dept: Medicine  
Award: K01 AG031909-01A2 (09110543-1)

Ceramide Synthases CERS5 and CERS6 Regulate Pathways of Programmed Cell Death

PI: Thomas Mullien  
Sponsor: NIH/NIEHS  
Total: $36,590

Dept: Medicine  
Award: F30 ES016975-03 (10042643-1)

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

PI: Deanna Baker  
Sponsor: NIH/NIAMS  
Total: $38,331

Dept: Medicine  
Award: F31 AR057307-02 (10051853-1)

Role of Sphingosine Kinase 1 in the p53-Dependent DNA Damage Response

PI: Linda Heffernan  
Sponsor: NIH/NIEHS  
Total: $39,025

Dept: Medicine  
Award: F30 ES017379-02 (10092737-1)

Role of Sphingosine Kinase 1 in the p53-Dependent DNA Damage Response

PI: Linda Heffernan  
Sponsor: NIH/NIEHS  
Total: $420

Dept: Medicine  
Award: F30 ES017379-02 (10092737-2)

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

PI: Christopher Gault  
Sponsor: NIH/NHLBI  
Total: $38,587

Dept: Medicine  
Award: F30 HL093991-03 (10112284-1)

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

PI: Christopher Gault  
Sponsor: NIH/NHLBI  
Total: $420

Dept: Medicine  
Award: F30 HL093991-03 (10112284-2)

Palesch, Yuko

**Principal Investigator**

**POINT: Platelet-Oriented Inhibition in New TIA**

Sponsor: Univ. of California, San Francisco  
Budget Dates: 09/30/10 - 08/31/11  
Direct: $254,533

Award: 5823SC/U01NS062835 (08120256)

Neurological Emergencies Treatment Trials Network Statistical and Data Management

Sponsor: NIH/NINDS  
Budget Dates: 08/01/10 - 08/31/11  
Direct: $468,056

Award: U01 NS059041-05 (10052608)

PROTECT III: Progesterone for Traumatic Brain Injury: Experimental Clinical Treatment

Sponsor: Emory Univ.  
Budget Dates: 07/01/09 - 03/31/12  
Direct: $218,471

Award: S463554/U01 NS062778-02 (10080545)

Statistical and Data Coordinating Center for the ATACH-2

Sponsor: NIH/NINDS  
Budget Dates: 04/01/10 - 03/31/12  
Direct: $258,524

Award: U01 NS061861-02 (11010737)

Parsons, Christopher

**Principal Investigator**

**Regulation of the Tumor Microenvironment by KSHV**

Sponsor: NIH/NCI  
Budget Dates: 01/01/11 - 12/31/11  
Direct: $201,275

Award: R01 CA142362-02 (10111662)

**Lipid Metabolism and KSHV-Associated Lymphoma Pathogenesis**

Sponsor: Apogee  
Budget Dates: 04/01/11 - 03/31/12  
Direct: $120,000

Award: R41 AI087167 (11031432)

Pickelsimer, E.

**Principal Investigator**

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

Sponsor: CDC  
Budget Dates: 09/30/10 - 09/29/12  
Direct: $365,769

Award: U49 CE001318-04 (10042234)

Ploth, David

**Principal Investigator**

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

Sponsor: Dynavax Technologies  
Budget Dates: 12/09/09 - 12/31/12  
Direct: $22,585

Award: DV2-HBV-17 (09121703)

**Blood Pressure in Dialysis Patients**

Sponsor: Univ. of New Mexico Health Sciences Center  
Budget Dates: 07/15/10 - 06/30/11  
Direct: $114,453

Award: R41/AI087167 (11031432)
Ploth, David  
**Principal Investigator**  
**Interactions between Cilia, Hypertrophic Signaling, and Cystogenesis**  
Sponsor: Dialysis Clinics, Inc.  
Budget Dates: 05/09/11 - 03/31/14  
**Direct:** $240,000  
Award: C-2618C (10121680)  
**Project Dates:** 05/09/11 - 03/31/14  
F & A: $0  
**Co-Investigator**  
**Parkinson’s Disease Clinical Trial: Statistical Center**  
PI: Jordan Elm  
Sponsor: Univ. of Texas Health Science  
Total: $77,583  
Dept: Medicine  
Award: 0007295A/U01 NS043217-11 (10111251-1)  
**Powers, Eric**  
**Principal Investigator**  
**Chemometric Observations of Lipid Core Containing Plaques of Interest in Native Arteries Registry**  
Sponsor: InfraReDx, Inc.  
Budget Dates: 05/26/09 - 12/31/12  
Direct: $48,489  
Award: COLOR - CL0111 (09072349)  
**Project Dates:** 05/26/09 - 12/31/12  
F & A: $12,122  
**CANARY: Coronary Assessment by Near-Infrared of Atherosclerotic Rupture-Prone Yellow: A Randomized, Pilot Trial of the Use of a Distal Protection Device to Prevent Peri-Procedural MI During Dilation of Coronary Stenoses Caused by Plaques with Large Lipid Cores**  
Sponsor: InfraReDx, Inc.  
Budget Dates: 02/07/11 - 12/31/13  
Direct: $78,300  
Award: CL0114 (11013169)  
**Project Dates:** 02/07/11 - 12/31/13  
F & A: $18,700  
**Reuben, Adrian**  
**Principal Investigator**  
**Multi-Center Trial to Study Acute Liver Failure: Data and Specimen Collection Protocol Acute Liver Injury (ALI)**  
Sponsor: UT Southwestern Med. Ctr.  
Budget Dates: 09/01/10 - 08/31/11  
Direct: $60,000  
Award: GMO-111124/U01 DK058369-1 (10022455)  
**Project Dates:** 09/01/10 - 08/31/15  
F & A: $28,500  
**Use of the BreathID Methacetin Breath Test to Assess Hepatic Metabolic Reserve and to Predict Hepatic Decompensation in Patients Awaiting Liver Transplantation**  
Sponsor: Exalenz Bioscience Ltd.  
Budget Dates: 10/01/10 - 10/01/12  
Direct: $23,080  
Award: PLT-BID-1108 (10090864)  
**Project Dates:** 10/01/10 - 10/01/12  
F & A: $5,020  
**A Randomized, Open-Label, Phase III Study of Telaprevir Administered Twice Daily or Every 8 Hours in Combination with Pegylated Interferon Alfa-2a and Ribavirin in Treatment-Naive Subjects with Genotype 1 Chronic Hepatitis C Virus Infection**  
Sponsor: Tibotec Pharmaceuticals Ltd.  
Budget Dates: 01/18/11 - 05/30/13  
Direct: $64,257  
Award: VX950-C211 (10120948)  
**Project Dates:** 01/18/11 - 05/30/13  
F & A: $15,314  
**Co-Investigator**  
**Phosphatidylethanol as an Alcohol Biomarker in Patients with Liver Disease**  
PI: Scott Stewart  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIAAA  
Total: $199,295  
Award: 5 R01 AA017911-02 (10070919-1)  
**Mentor**  
**Hepatopulmonary Syndrome and the Role of Endothelin-1 in Human Disease**  
PI: David Koch  
Dept: Medicine  
Sponsor: Amer. College of Gastroenter  
Total: $75,000  
Award: (09120743-1)  
**Roche, Joelle**  
**Co-Investigator**  
**Development of Anti-Glut-1 Antibody as a Novel Therapeutic Strategy against Breast Cancer**  
PI: George Simon  
Dept: Medicine  
Sponsor: US Army/USAMRAA  
Total: $135,212  
Award: W81XWH-07-1-0348 (10121469-1)  
**Romagnuolo, Joseph**  
**Principal Investigator**  
**Transcranial Direct Current Brain Stimulation (tDCS) to Decrease Post-ERCP Pain: A Randomized Double-Blind Trial**  
Sponsor: Amer. Society for Gastrointestinal Endoscopy  
Budget Dates: 07/01/10 - 06/30/12  
Direct: $38,000  
Award: (09120962)  
**Project Dates:** 07/01/10 - 06/30/12  
F & A: $0  
**ASGE Mid-Career Endoscopic Mentoring Award**  
Sponsor: Amer. Society for Gastrointestinal Endoscopy  
Budget Dates: 07/01/10 - 06/30/12  
Direct: $75,000  
Award: (10072702)  
**Project Dates:** 07/01/09 - 06/30/12  
F & A: $15,000
Romagnuolo, Joseph  
**Principal Investigator**  
**A Phase III, Randomized, Double-Blind, Placebo-Controlled, Adaptive Design Study of the Efficacy, Safety, and Tolerability of a Single Infusion of MK-3415 (Human Monoclonal Antibody to Clostridium Difficile Toxin A), MK-6072 (Human Monoclonal Antibody to Clostridium Difficile Toxin B), and MK-3415A (Human Monoclonal Antibodies to Clostridium Difficile Toxin A and Toxin B) in Patients Receiving Antibiotic Therapy for Clostridium Difficile Infection**  
Sponsor: Merck, Sharp and Dohme  
Award: 001-00 (10112399)  
Budget Dates: 11/03/10 - 12/01/15  
Direct: $180,756  
F & A: 44,064

Sahn, Steven  
**Principal Investigator**  
**Effects of Bosentan on Morbidity and Mortality in Patients with Idiopathic Pulmonary Fibrosis - A Multi-Center, Double-Blind, Randomized, Placebo-Controlled, Parallel-Group, Event-Driven, Group-Sequential, Phase III Study**  
Sponsor: Actelion Pharmaceuticals  
Award: AC-052-321 BUILD 3 (07032818)  
Budget Dates: 03/23/07 - 02/28/10  
Direct: $1,000  
F & A: 250

Salgado, Cassandra  
**Co-Investigator**  
**Copper Antimicrobial Research Program-FY2011**  
Sponsor: Advanced Technology Institute  
Award: 2007-614 (10051969-1)

Scott, Lancer  
**Principal Investigator**  
**CHPTER VA Clinical Disaster Preparedness Training**  
Sponsor: Department of Veterans Affairs  
Award: VA 797-BT-1-028 (11030489)  
Budget Dates: 01/01/11 - 03/31/11  
Direct: $17,574  
F & A: 0

Selassie, Anbesaw  
**Principal Investigator**  
**SC Traumatic Brain Injury (TBI) Surveillance Program**  
Sponsor: SC DHEC  
Award: CY-11-017/PO 816310 (10041306)  
Budget Dates: 08/01/10 - 07/31/11  
Direct: $19,841  
F & A: 5,159

**The SC Traumatic Spinal Cord Injury Registry**  
Sponsor: SC Spinal Cord Injury Fund  
Award: SCIRF 0908 (10102992)  
Budget Dates: 07/01/10 - 06/30/11  
Direct: $38,500  
F & A: 0

**Co-PI/Project Director**  
**Measuring Outcomes after Spinal Cord Injury Throughout South Carolina: A System of Tracking, Research, and Referral**  
Sponsor: SC Spinal Cord Injury Fund  
Award: SCIRF09-001 (09120850-2)

**Co-Investigator**  
**Critical Care Excellence in Sepsis and Trauma (CREST)**  
Sponsor: NIH/NCMHD  
Award: 5 RC1 MD004405-02 (09042394-2)

**Center on Health Outcomes Research and Capacity Building for Underserved Populations with SCI and TBI**  
Sponsor: Dept. of Education  
Award: H133A080064-10 (10061780-1)
### Shapshak, Dag

**Principal Investigator**

**DHEC HIV Testing in Hospital Emergency Departments**
- **Sponsor:** SC DHEC
- **Award:** H3E-1572932A (08012422)
- **Budget Dates:** 11/14/07 - 02/26/13
- **Direct:** $3,747

**DHEC HIV Testing in Hospital Emergency Departments**
- **Sponsor:** SC DHEC
- **Award:** HV-1-578 (10122310)
- **Budget Dates:** 01/31/11 - 09/29/11
- **Direct:** $113,826

### Sherman, Carol

**Principal Investigator**

**A Double-Blind, Randomized, Placebo-Controlled, Phase III Study to Assess the Efficacy of recMAGE-A3 + AS15 ASCI as Adjuvant Therapy in Patients with Resectable MAGE-A3-Positive Non-Small Cell Lung Cancer**
- **Sponsor:** GlaxoSmithKline
- **Award:** GSK1572932A (08012422)
- **Budget Dates:** 11/14/07 - 06/26/13
- **Direct:** $937

**Phase 3 Study of Pemetrexed, Cisplatin, and Radiotherapy Followed by Consolidation Pemetrexed versus Etoposide, Cisplatin, and Radiotherapy Followed by Consolidation Cytoxic Chemotherapy of Choice in Patients with Unresectable, Locally Advanced, Stage III Non-Small Cell Lung Cancer Other Than Predominantly Squamous Cell Histology**
- **Sponsor:** Eli Lilly
- **Award:** H3E-MC-JMIG (08091295)
- **Budget Dates:** 03/28/10 - 11/01/13
- **Direct:** $1,993

### Shirai, Keisuke

**Principal Investigator**

**A Double-Blind, Randomized, Placebo-Controlled, Phase III Study to Assess the Efficacy of recMAGE-A3 + AS15 ASCI as Adjuvant Therapy in Patients with MAGE-A3 Positive Resected Stage III Melanoma**
- **Sponsor:** GlaxoSmithKline
- **Award:** 111482 (10030413)
- **Budget Dates:** 02/01/10 - 01/31/15
- **Direct:** $4,000

**A Randomized, Phase 2 Study of LY2181308 in Combination with Docetaxel Versus Docetaxel in Patients with Locally Advanced or Metastatic Non-Small Cell Lung Cancer Who were Previously Treated with First Line Chemotherapy**
- **Sponsor:** Eli Lilly
- **Award:** H8Z-MC-JACW (10051105)
- **Budget Dates:** 05/07/10 - 05/06/15
- **Direct:** $1,194

**Phase I Study of the HDAC Inhibitor Vorinostat with Chemotherapy and Radiation Therapy for Treatment of Locally Advanced Non-Small Cell Lung Cancer (NSCLC)**
- **Sponsor:** Fox Chase Cancer Center
- **Award:** CTO #101465 (10062191)
- **Budget Dates:** 09/03/10 - 06/30/15
- **Direct:** $54,324

**An Open-Label, Multi-Center, Randomized, Phase II Study of a Recombinant Human Anti-VEGFR-2 Monoclonal Antibody, IMC-1121B in Combination with Platinum-Based Chemotherapy versus Platinum-Based Chemotherapy Alone as First-Line Treatment of Patients with Recurrent or Advanced Non-Small Cell Lung Cancer (NSCLC)**
- **Sponsor:** Imclone Systems Inc.
- **Award:** CP12-0917 (10083131)
- **Budget Dates:** 09/10/10 - 09/09/15
- **Direct:** $118,032

**A Phase 3, Randomized Trial of Concurrent Cisplatin and Radiotherapy with or without Oncovex in Previously Untreated Patients with Locally Advanced Squamous Carcinoma of the Head and Neck**
- **Sponsor:** Biovex, Inc.
- **Award:** 006/09 (10100794)
- **Budget Dates:** 10/05/10 - 10/04/15
- **Direct:** $63,014

**Phase 3, Randomized, Open-Label Study of the Efficacy and Safety of pf-02341066 Versus Standard of Care Chemotherapy (Pemetrexed or Docetaxel) in Patients with Advanced Non-Small Cell Lung Cancer (NSCLC) harboring a Translocation or Inversion Event Involving the Anaplastic Lymphoma Kinase (ALK) Gene Locus**
- **Sponsor:** INC Research, Inc.
- **Award:** A8081005 (10120942)
- **Budget Dates:** 10/05/10 - 10/04/15
- **Direct:** $19,895

**Phase 3, Randomized, Open-Label Study of the Efficacy and Safety of Crizotinib Versus Pemetrexed/Cisplatin or Pemetrexed/Carboplatin in Previously Untreated Patients with Non-Squamous Carcinoma of the Lung Harboring a Translocation or Inversion Event Involving the Anaplastic Lymphoma Kinase (alk) Gene Locus**
- **Sponsor:** INC Research, Inc.
- **Budget Dates:** 02/23/11 - 02/22/16
- **Direct:** $57,948
Shirai, Keisuke

Principal Investigator

Award: A8081014 (11022326)  
Project Dates: 02/23/11 - 02/22/16  
F & A: 13,104

A Phase I, Randomized, Open-Label, Multi-Center, Two-Period, Crossover Study to Investigate the Effect of Food on the Pharmacokinetics of a Single Oral Dose of RO5185426, Followed by Administration of 960 mg RO5185426 Twice Daily to BRAF v600E Positive Metastatic Melanoma Patients

Sponsor: Hoffman-Laroche, Inc.  
Budget Dates: 02/04/11 - 02/03/16  
Direct: $403,194

Co-Investigator

Targeting mTOR as a Novel Mechanism-Based Therapy for Head and Neck Cancer

PI: M. Young  
Sponsor: NIH/NCI  
Total: $75,467

Dept: Otolaryngology

Silver, Richard

Principal Investigator

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 - 04/03/11  
Direct: $60,265

Mycophenolate vs. Oral Cyclophosphamide in Scleroderma Interstitial Lung Disease (SLS II)

Sponsor: Univ. of California, Los Angeles  
Budget Dates: 09/18/08 - 07/31/13  
F & A: 27,722

An Open-Label Trial to Evaluate the Safety of Dasatinib in the Treatment of Scleroderma Pulmonary Interstitial Fibrosis

Sponsor: Bristol Myers Squibb  
Budget Dates: 04/09/10 - 04/08/11  
F & A: 6,441

Two Stage Genome-Wide Association Study in Systemic Sclerosis

Sponsor: Univ. of Texas Health Science Center at Houston  
Budget Dates: 05/14/10 - 02/28/11  
F & A: 4,646

Co-Investigator

K24 Mid-Career Investigator Award in Patient-Oriented Research

Sponsor: NIH/NCI  
Budget Dates: 07/01/11 - 06/30/11  
Direct: $134,859

Evaluation of Computerized Decision Support for Managing Lung Nodules: Alchemist-SPN

Sponsor: Univ. of Southern California  
Budget Dates: 05/14/10 - 02/29/12  
F & A: 4,646

Remote Expert Assessment of Lung Cancer (REAL Cancer)

Sponsor: Duke Endowment  
Budget Dates: 01/01/11 - 12/31/11  
Direct: $121,500

Post-FDA Approval for Clinical Trial Evaluating Bronchial Thermoplasty in Severe Persistent Asthma

Sponsor: Boston Scientific Corp.  
Budget Dates: 06/16/11 - 06/30/16  
F & A: 135,678

Evaluation of Computerized Decision Support for Managing Lung Nodules: Alchemist-SPN

Sponsor: Univ. of Southern California  
Budget Dates: 05/14/10 - 02/29/12  
F & A: 4,646

Silvestri, Gerard

Principal Investigator

K24 Mid-Career Investigator Award in Patient-Oriented Research

Sponsor: NIH/NCI  
Budget Dates: 07/01/11 - 06/30/11  
Direct: $134,859

Evaluation of Computerized Decision Support for Managing Lung Nodules: Alchemist-SPN

Sponsor: Univ. of Southern California  
Budget Dates: 05/14/10 - 02/29/12  
F & A: 4,646

Remote Expert Assessment of Lung Cancer (REAL Cancer)

Sponsor: Duke Endowment  
Budget Dates: 01/01/11 - 12/31/11  
Direct: $121,500

Post-FDA Approval for Clinical Trial Evaluating Bronchial Thermoplasty in Severe Persistent Asthma

Sponsor: Boston Scientific Corp.  
Budget Dates: 06/16/11 - 06/30/16  
F & A: 135,678

Evaluation of Computerized Decision Support for Managing Lung Nodules: Alchemist-SPN

Sponsor: Univ. of Southern California  
Budget Dates: 05/14/10 - 02/29/12  
F & A: 4,646

Co-Investigator

Pulmonary System Protocol

PI: Raymond Turner  
Sponsor: Salient Surgical Technologies  
Total: $5,920

Dept: Neurosciences  
Award: Salient Training (10092222-1)
Simon, George
Principal Investigator

SmartState Center for Tobacco-Related Malignancy: Burtschy Family Endowed Chair in Cancer Research
Sponsor: MUSC Fdn.
Award: (10080968)

TOPPS (Trial of Poor Performance Status Patients): Randomized, Phase II Trial of Pemetrexed vs. Pemetrexed/Bevacizumab vs. Pemetrexed/Carboplatin/Bevacizumab in Patients with Stage III/IV Non-Small-Cell Lung Cancer and ECOG Performance Status 2
Sponsor: Sarah Cannon Research Institute
Award: LUN 196 (10121054)

Development of Anti-Glut-1 Antibody as a Novel Therapeutic Strategy against Breast Cancer
Sponsor: US Army/USAMRAA
Award: W81XWH-07-1-0348 (10121469)

A Randomized, Open-Label, Phase II, 2-Arm, Multi-Center Trial Comparing Maintenance Therapy with Pazopanib or Pemetrexed in Non-Progressing Subjects with Metastatic Stage IVA and IVB Non-Squamous NSCLC after Induction Therapy with Carboplatin or Cisplatin Plus Pemetrexed
Sponsor: GlaxoSmithKline
Award: PAZ113758 (11013170)

A Study Evaluating the Safety of ABT-263 in Combination with Etoposide/Cisplatin in Subjects with Small Cell Lung Cancer (SCLC)
Sponsor: Abbott Labs
Award: M10-234 (11020944)

A Phase 2, Open-Label, Multi-Center Study of Amuvatinib in Combination with Platinum-Etoposide Chemotherapy in Small Cell Lung Cancer Subjects Who Have not Responded to Standard Treatment or Relapsed after Standard Treatment
Sponsor: SuperGen, Inc.
Award: SGI-0470-07 (11031547)

A Randomized, Double-Blind, Phase 2 Study of Erlotinib (Tarceva) in Combination with OSI-906 or Placebo in Chemonaive Patients with Advanced NSCLC with Activating Mutations of the Epidermal Growth Factor Receptor (EGFR) Gene
Sponsor: OSI Pharmaceuticals, Inc.
Award: OSI-906-207 (11031756)

An open label two-stage study of orally administered BKM120 in patients with metastatic non-small cell lung cancer with activated PI3K pathway
Sponsor: Novartis Corp.
Award: BKM120D2201 (11120232)

CoEE for Tobacco-Related Malignancy State Match Endowment Draw
Sponsor: SC Research Centers of Economic Excellence
Award: (11120254)

Siskind, Leah
Principal Investigator

Role of Ceramide in Aging Related Diseases
Sponsor: VAMC
Award: (08061962)

Slate, Elizabeth
Principal Investigator

Biostatistics Training for Basic Biomedical Research
Sponsor: NIH/NIGMS
Award: 2 T32 GM074934-06 (09092389)

SC COBRE for Oral Health Research (Core B)
Sponsor: NIH/NCRR
Award: 5 P20 RR017696-10 (1201045-3)
Slate, Elizabeth

**Co-Investigator**

**The Effect of Statin on Diabetes-Associated Periodontal Disease**
- **PI:** Yan Huang
- **Sponsor:** NIH/NIDCD
- **Total:** $250,000
- **Dept:** Medicine
- **Award:** 2 R01 DE016353-06A1 (09110332-1)

**Robust Nonparametric Methods with Variable Selection for Clustered Dental Data**
- **PI:** Dipankar Bandyopadhyay
- **Sponsor:** NIH/NIDCR
- **Total:** $117,550
- **Dept:** Medicine
- **Award:** 2 R01 DE016353-07 (11031540-1)

**Post-Transcriptional Regulation of Periodontal Diseases**
- **PI:** Keith Kirkwood
- **Sponsor:** NIH/NIDCR
- **Total:** $225,000
- **Dept:** Craniofacial Biology
- **Award:** 5 R01 DE016353-07 (11031540-2)

**Robust Spatial Models for Clustered Periodontal Data**
- **PI:** Dipankar Bandyopadhyay
- **Sponsor:** NIH/NIDCR
- **Total:** $106,780
- **Dept:** Medicine
- **Award:** 1 R03 DE021762-01 (10061432-1)

**The Effect of Statin on Diabetes-Associated Periodontal Disease**
- **PI:** Yan Huang
- **Sponsor:** NIH/NIDCD
- **Total:** $17,500
- **Dept:** Medicine
- **Award:** 5 R01 DE016353-07 (11031540-2)

Smith, Edwin

**Principal Investigator**

**Continuation of the Consortium for the Longitudinal Evaluation of African-Americans with Early Rheumatoid Arthritis (CLEAR) Registry**
- **Sponsor:** Univ. of Alabama, Birmingham
  - **Budget Dates:** 09/30/10 - 09/29/11
  - **Direct:** $35,190
- **Award:** HHSN268200682278C (10091698)
  - **Project Dates:** 09/30/06 - 09/29/11
  - **F & A:** 16,187

Smolka, Adam

**Principal Investigator**

**Mechanisms of H. Pylori-Induced Hypochlorhydria**
- **Sponsor:** NIH/NIDDK
  - **Budget Dates:** 09/24/10 - 08/31/12
  - **Direct:** $296,142
- **Award:** 2 R56 DK064371-05A2 (10022681)
  - **Project Dates:** 04/01/03 - 08/31/12
  - **F & A:** 124,309

Snider, Ashley

**Principal Investigator**

**The Role of Sphingolipids in Inflammatory Bowel Disease**
- **Sponsor:** VAMC
  - **Budget Dates:** 05/01/11 - 06/30/12
  - **Direct:** $142,900
- **Award:** (10051962)
  - **Project Dates:** 05/01/10 - 06/30/13
  - **F & A:** 0

  **Co-PI/Project Director**

  **COBRE in Lipidomics and Pathobiology (Core C - Animals)**
  - **PI:** Lina Obeid
  - **Sponsor:** NIH/NCRR
  - **Total:** $124,300
  - **Dept:** Biochemistry and Molecular Biology
  - **Award:** 5 P20 RR017677-09 (10060350-5)

  **Sphingolipids in Cancer Biology and Therapy (Core C)**
  - **PI:** Yusuf Hannun
  - **Sponsor:** NIH/NCI
  - **Total:** $49,967
  - **Dept:** Biochemistry and Molecular Biology
  - **Award:** 5 P01 CA097132-08 (10060360-4)

  **Co-Investigator**

  **Sphingolipids in Cancer Biology and Therapy (Project 1)**
  - **PI:** Yusuf Hannun
  - **Sponsor:** NIH/NCI
  - **Total:** $130,729
  - **Dept:** Biochemistry and Molecular Biology
  - **Award:** 5 P01 CA097132-08 (10060360-5)

Somaiah, Neeta

**Principal Investigator**

**A Phase 1b/2, Randomized, Phase 2 Study Evaluating the Efficacy of Doxorubicin with or without a Human Anti-PDGFR Monoclonal Antibody (IMC-3G3) in the Treatment of Advanced Soft Tissue Sarcoma**
- **Sponsor:** Iclarion Systems Inc.
  - **Budget Dates:** 07/26/10 - 07/31/15
  - **Direct:** $168,900
- **Award:** CP15-0806 (10071969)
  - **Project Dates:** 07/26/10 - 07/31/15
  - **F & A:** 41,600

**A Phase I Trial of Preoperative Carboplatin or Cisplatin and Pemetrexed with Thoracic Radiation Therapy Followed by Lobectomy in Resectable Stage III Patients with Non-Squamous, Non Small Cell Lung Cancer (NSCLC)**
- **Sponsor:** Eli Lilly
  - **Budget Dates:** 12/15/10 - 01/30/15
  - **Direct:** $178,540
- **Award:** H3E-US-X085 (10122199)
  - **Project Dates:** 12/15/10 - 01/30/15
  - **F & A:** 43,635

**A Phase III, Multi-Center, International, Randomized, Double-Blind, Placebo-Controlled Study of Doxorubicin Plus Palifosfamide-tris vs. Doxorubicin Plus Placebo in Patients with Front-line Metastatic Soft Tissue Sarcoma**
<table>
<thead>
<tr>
<th>Principal Investigator</th>
<th>Sponsor</th>
<th>Award</th>
<th>Budget Dates</th>
<th>Direct</th>
<th>F &amp; A</th>
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<tr>
<td>Somaiah, Neeta</td>
<td>Zirepharm Oncology, Inc.</td>
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<td>03/03/11 - 03/31/16</td>
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<td>A Randomized, Controlled Study of Yondelis (Trabectedin) or Dacarbazine for the Treatment of Advanced Liposarcoma or Leiomyosarcoma Previously Treated with an Anthracycline and Ifosfamide</td>
<td>Johnson and Johnson</td>
<td>ET743-SAR-3007 (11042520)</td>
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<td>Medtronic, Inc.</td>
<td>Educate (10111047)</td>
<td>10/28/10 - 12/01/14</td>
<td>$64,444</td>
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<td>A Phase 2 Study of LY2523355 in Patients with Extensive-Stage Small-Cell Lung Cancer</td>
<td>Ziopharm Oncology, Inc.</td>
<td>I1Y-MC-JFBD (11042951)</td>
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<td>A Phase 2, Multi-Center, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Efficacy and Safety of MP-376 in Stable Cystic Fibrosis Patients</td>
<td>Rempex Pharmaceuticals, Inc</td>
<td>MPEX-207 (10110837-1)</td>
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<td>Centocor, Inc.</td>
<td>1275148SC2D2001 (09072035)</td>
<td>07/16/09 - 11/21/11</td>
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<td>Alpha-1 Registry Study</td>
<td>Alpha-1 Fdn.</td>
<td>(10060901)</td>
<td>07/01/10 - 06/30/11</td>
<td>$121,133</td>
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<td>The ACT Study</td>
<td>Alpha-1 Fdn.</td>
<td>(10060902)</td>
<td>07/01/10 - 06/30/11</td>
<td>$134,523</td>
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<td>Alpha-1 Genetic Counseling Center</td>
<td>Alpha-1 Fdn.</td>
<td>(10062964)</td>
<td>07/01/07 - 06/30/11</td>
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<td>Phase III Trial for Sirolimus in Lymphangioleiomyomatosis (MILES Trial)</td>
<td>Univ. of Cincinnati</td>
<td>005235/5 R01 FD003362-03 (10080333)</td>
<td>07/01/10 - 06/30/11</td>
<td>$14,847</td>
<td>$7,053</td>
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<td>A Multi-Center, Randomized, Double-Blind, Crossover Study to Assess the Safety and Pharmacokinetics of Two Different Doses of Intravenous Administration of Alpha 1 Proteinase Inhibitor Prolastin-C in Subjects with Alpha-1 Antitrypsin Deficiency</td>
<td>Talecris Biotherapeutics</td>
<td>SPARK T6004-201 (10091386)</td>
<td>10/27/10 - 10/26/11</td>
<td>$97,584</td>
<td>$23,646</td>
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</tbody>
</table>
Annual Report for Research FY2011

College of Medicine

Medical University of South Carolina

Strange, Charlie

Principal Investigator

Long-Term Oxygen Treatment Trial (LOTT)
Sponsor: Denver Health & Hospital Authority
Award: (11031546)
Budget Dates: 03/01/11 - 10/30/13
Project Dates: 03/01/11 - 10/30/13
Direct: $ 90,780
F & A: 43,121

Endobronchial Valve for Emphysema Palliation Trial - VENT
Sponsor: PulmonX
Award: G020230 VENT (11120250)
Budget Dates: 05/10/11 - 05/09/12
Project Dates: 05/10/11 - 05/09/12
Direct: $ 5,480
F & A: 745

Co-PI/Project Director

Mycophenolate vs. Oral Cyclophosphamide in Scleroderma Interstitial Lung Disease (SLS II)
PI: Richard Silver
Sponsor: Univ. of California, Los Angeles
Total: $ 60,265

Co-Investigator

Respiratory Phase Training Effects on Swallow Impairment in Oropharyngeal Cancer
PI: Bonnie Martin-Harris
Sponsor: NIH/NIDCD
Total: $ 125,000

Stuart, Robert

Principal Investigator

A Phase Ib, Open-Label, Multi-Center, Dose-Finding Study of Oral Panobinostat (LBH589) in Combination with Ara-C and Mitoxantrone as Salvage Therapy for Refractory or Relapsed Acute Myeloid Leukemia
Sponsor: Novartis Corp.
Award: LBH589G2101 (10091702)
Budget Dates: 08/06/10 - 07/31/12
Project Dates: 08/06/10 - 07/31/12
Direct: $ 439,765
F & A: 109,067

SWOG Membership Grant
Sponsor: Southwest Oncology Group
Award: CA37429 & CA32102 (10111773)
Budget Dates: 01/01/11 - 12/31/11
Project Dates: 04/12/02 - 12/31/16
Direct: $ 150,000
F & A: 22,500

A Phase 3, Randomized, Controlled, Double-Blind, Multinational Clinical Study of the Efficacy and Safety of Vosaroxin and Cytarabine vs. Placebo and Cytarabine in Patients with First Relapsed or Refractory AML (VALOR)
Sponsor: Icon Clinical Research, Inc.
Award: VOS-AML-301 (10112904)
Budget Dates: 11/18/10 - 11/30/15
Project Dates: 11/18/10 - 11/30/15
Direct: $ 146,400
F & A: 35,475

Co-PI/Project Director

MUSC CCSG: Clinical Trials Office
Sponsor: NIH/NCI
Total: $ 103,990

Sturdivant, Lacy

Principal Investigator

Clinical Evaluation of the Blazer Open-Irrigated Radiofrequency Ablation Catheter for the Treatment of Type 1 Atrial Flutter
Sponsor: Boston Scientific Corp.
Award: Block CTI - IDE G100099 (11012629)
Budget Dates: 06/23/11 - 06/22/13
Project Dates: 06/23/11 - 06/22/13
Direct: $ 176,750
F & A: 43,313

Taylor, Marian

Principal Investigator

Preventing Heart Disease in Women of South Carolina
Sponsor: Health Sciences SC
Award: 6075-SP (08102267)
Budget Dates: 07/01/10 - 06/30/11
Project Dates: 07/01/08 - 06/30/11
Direct: $ 105,300
F & A: 0

Co-Investigator

A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Multi-Center Study to Evaluate Cardiovascular Outcomes During Treatment with Lixisenatide in Type 2 Diabetic Patients after an Acute Coronary Syndrome
PI: Jyotika Fernandes
Sponsor: Sanofi-Aventis US, Inc.
Total: $ 292,236

Thomas, James

Principal Investigator

A Phase III, Double-Blind, Randomized, Placebo-Controlled Study to Evaluate the Effects of RO4607381 on Cardiovascular (CV) Risk in Stable CHD Patients with a Documented Recent Acute Coronary Syndrome (ACS)
Sponsor: Hoffman-Laroche, Inc.
Award: NC20971 (08020169)
Budget Dates: 03/04/08 - 09/30/12
Project Dates: 03/04/08 - 09/30/12
Direct: $ 294,592
F & A: 73,648
Thomas, James

Principal Investigator

A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Multinational Trial to Assess the Prevention of Thrombotic Events with Ticagrelor Compared to Placebo on a Background of Acetylsalicylic Acid (ASA) Therapy in Patients with History of Myocardial Infarction

Sponsor: Brigham and Womens Hospital
Budget Dates: 11/28/10 - 12/14/13
Direct: $230,720
F & A: $56,680

Award: PEGASUS-TIMI 54 (10110834)

Thomas, Melanie

Principal Investigator

A Phase I Study of Capecitabine, Oxaliplatin, Bevacizumab, and RAD001 (XELOX-A-Ev) for Subjects with Advanced Solid Tumors followed by a Randomized, Phase II Study of XELOX-A-Ev Compared to Capecitabine, Oxaliplatin, Bevacizumab (XELOX-A) in Subjects with Previously Untreated Metastatic Colorectal Cancer

Sponsor: Duke Univ.
Budget Dates: 09/14/10 - 09/13/15
Direct: $35,400
F & A: $8,100
Award: COBRA (10060467)

Project Dates: 09/14/10 - 09/13/15

An Open-Label, Multi-Center, Randomized, Phase 2 Study of mFOLFOX6 Chemotherapy Plus Ramucirumab Drug Product (IMC-1121B) versus mFOLFOX6 Plus Placebo for Advanced Adenocarcinoma of the Esophagus, Gastroesophageal Junction, or Stomach

Sponsor: Eli Lilly
Budget Dates: 03/31/11 - 04/30/16
Direct: $146,198
F & A: $35,075
Award: IAT-MC-JVBT (11041898)

Project Dates: 03/31/11 - 04/30/16

A Phase I, Open-Label, Dose-Escalation, Safety and Pharmacokinetic Study of ABC294640 in Patients with Advanced Solid Tumors

Sponsor: Apogee
Budget Dates: 06/13/11 - 06/30/16
Direct: $25,920
F & A: $6,480
Award: ABC294640 (11120283)

Project Dates: 06/13/11 - 06/30/16

Tourkina, Elena

Principal Investigator

Caveolin-1 Regulation of Altered Functions of Scleroderma Fibrocytes

Sponsor: NIH/NIA/AMS
Budget Dates: 07/17/10 - 06/30/11
Direct: $50,000
F & A: $23,750
Award: 1 R03 AR056767-02 (08021223)

Project Dates: 07/17/10 - 06/30/11

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

Sponsor: NIH/NIA/AMS
Budget Dates: 07/01/10 - 06/30/11
Direct: $111,530
F & A: $8,922
Award: 5 K01 AR054143-04 (10050474)

Project Dates: 07/01/10 - 06/30/11

Curcumin Treatment of Lung Fibrosis: Improved Delivery and Target Cells

PI: Stanley Hoffman
Dept: Medicine
Award: 5 R21 AT004450-02 (11031013-2)

Sponsor: NIH/NCCAM
Total: $11,250

Curcumin Treatment of Lung Fibrosis: Improved Delivery and Target Cells

PI: Stanley Hoffman
Dept: Medicine
Award: 5 R21 AT004450-02 (11031013-1)

Sponsor: NIH/NCCAM
Total: $112,500

Co-Investigator

Margaret Markiewicz
Dept: Medicine
Award: 1 K01 AG031909-01A2 (09110543-1)

Sponsor: NIH/NIA
Total: $107,028

Trojanowska, Maria

Mentor

Regulation of Vasculature by Estrogen Receptors During Aging in Mouse Models

PI: Margaret Markiewicz
Dept: Medicine
Award: 1 K01 AG031909-01A2 (09110543-1)
Van Bakel, Adrian

Principal Investigator

**Medtronic Chronic ICD Implantable Cardioverter Defibrillator Clinical Investigational Plan**

Sponsor: Medtronic, Inc.
Award: REDUCEChf/Chronical ICD (06091174)

*Sample Collection for the Performance Evaluation of Roche Total Mycophenolic Acid Assay on Integra Systems*

Sponsor: Roche Diagnostics
Award: B06 I002a (06091905)

**Double-Blind, Placebo-Controlled, Multi-Center Acute Study of Clinical Effectiveness of Nesiritide in Subjects with Decompensated Heart Failure (ASCEND HF)**

Sponsor: Cleveland Clinic Fdn.
Award: A 093 ASCEND HF (07061230)

**Control of Renal Excretory Function by Angiotensin Peptides**

Sponsor: Dialysis Clinics, Inc.
Award: Project C-3302 (East Coop (10022565)

**Angiotensin Metabolite Formation by Podocytes: Implications in Glomerular Injury**

Sponsor: NIH/NIDDK
Award: 5 K08 DK080944-03 (10051437)

Velez, Juan Carlos

Principal Investigator

**Control of Renal Excretory Function by Angiotensin Peptides**

Sponsor: Dialysis Clinics, Inc.
Award: Project C-3302 (East Coop (10022565)

**Angiotensin Metabolite Formation by Podocytes: Implications in Glomerular Injury**

Sponsor: NIH/NIDDK
Award: 5 K08 DK080944-03 (10051437)

Wallace, Kristin

Co-Investigator

**Epidemiology of Ovarian Cancer in African American Women**

Pl: Anthony Alberg
Dept: Medicine
Sponsor: Duke Univ.
Award: 203-0312/R01 CA142081-01A (09071411-1)

**Epidemiology of Ovarian Cancer in African American Women**

Pl: Anthony Alberg
Dept: Medicine
Sponsor: Duke Univ.
Award: 203-0312/R01 CA142081-02 (11040133-1)

Wharton, J.

Principal Investigator

**Catheter Ablation Versus Anti-arrhythmic Drug Therapy for Atrial Fibrillation Trial (CABANA)**

Sponsor: Duke Univ.
Award: 162060 (11032275)

**Electrophysiology Fellowship Grant for 2010-2011**

Sponsor: Boston Scientific Foundation, Inc.
Award: (12010099)

Whelan, Timothy

Principal Investigator

**A Phase 2, Sequential, Ascending, Dose Study to Characterize the Safety, Tolerability, Pharmacokinetic and Biological Activity of CC-930 in Idiopathic Pulmonary Fibrosis (IPF)**

Sponsor: Celgene Corp.
Award: CC-930-IPF-001 (10080440)

Willner, Ira

Principal Investigator

**A Phase 4, Randomized, Open-label, Active-Controlled, Superiority Study to Evaluate the Efficacy and Safety of Tenofovir Disoproxil Fumarate (TDF) in Combination with Peginterferon a-2a Monotherapy for 48 weeks in Non-Cirrhotic Subjects with HBeAg-Positive or HBeAg-Negative Chronic Hepatitis B (CHB)**

Sponsor: Gilead Sciences, Inc.
Award: GS-US-174-0149 (11050255)
<table>
<thead>
<tr>
<th>Research Project Description</th>
<th>PI</th>
<th>Sponsor</th>
<th>Direct</th>
<th>F &amp; A</th>
<th>Total</th>
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<tbody>
<tr>
<td><strong>Neurological Emergencies Treatment Trials Network Statistical and Data Management</strong></td>
<td>Yuko Palesch</td>
<td>NIH/NINDS</td>
<td>$7,500</td>
<td>$1,875</td>
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<tr>
<td><strong>An International, Multi-Center, Prospective, Observational Study of the Safety of Maraviroc Used with Optimized Background Therapy in Treatment-Experienced HIV-1 Infected Patients</strong></td>
<td>Claire Magauran</td>
<td>BioCryst Pharmaceuticals, Inc</td>
<td>$128,818</td>
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<td><strong>PROTECT III: Progesterone for Traumatic Brain Injury: Experimental Clinical Treatment</strong></td>
<td>Yuko Palesch</td>
<td>Emory Univ.</td>
<td>$218,471</td>
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<tr>
<td><strong>Critical Care Excellence in Sepsis and Trauma (CREST)</strong></td>
<td>Dee Ford</td>
<td>NIH/NCMHD</td>
<td>$359,042</td>
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<tr>
<td><strong>Role of Fli-1 Gene in Pathogenic B Cell Development</strong></td>
<td></td>
<td>VAMC</td>
<td>$261,300</td>
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<td><strong>Molecular Mechanisms of the Impact of Fli-1 on Lupus</strong></td>
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<td>NIH/NIAMS</td>
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<td><strong>Molecular Mechanisms of the Impact of Fli-1 on Lupus</strong></td>
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<td><strong>A Multi-Center Study of Acute Liver Failure in Adults</strong></td>
<td>Valerie Durkalski</td>
<td>UT Southwestern Med. Ctr.</td>
<td>$248,180</td>
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**Woolson, Robert**

Co-Investigator

Neurological Emergencies Treatment Trials Network Statistical and Data Management

PI: Yuko Palesch  
Sponsor: NIH/NINDS  
Total: $468,056

**Wray, Dannah**

Principal Investigator

An International, Multi-Center, Prospective, Observational Study of the Safety of Maraviroc Used with Optimized Background Therapy in Treatment-Experienced HIV-1 Infected Patients

Sponsor: Icon Clinical Research, Inc.  
Budget Dates: 09/03/08 - 08/31/13  
Direct: $7,500  
F & A: $1,875

Co-PI/Project Director

A Phase 3, Multi-Center, Randomized, Double-Blind, Controlled Study to Evaluate the Efficacy and Safety of Peramivir Administered Intravenously in Addition to Standard of Care Compared to Standard of Care Alone in Subjects Who are Hospitalized Due to Influenza

PI: Claire Magauran  
Sponsor: BioCryst Pharmaceuticals, Inc

**Yeatts, Sharon**

Co-Investigator

POINT: Platelet-Oriented Inhibition in New TIA

PI: Yuko Palesch  
Sponsor: Univ. of California, San Francisco  
Total: $186,436

**Yeatts, Sharon**

Co-Investigator

POINT: Platelet-Oriented Inhibition in New TIA

PI: Yuko Palesch  
Sponsor: Univ. of California, San Francisco  
Total: $68,097

**Zapka, Jane**

Principal Investigator

Zapka NCI-IPA

Sponsor: NIH/NCI  
Direct: $60,657

Co-Investigator

Critical Care Excellence in Sepsis and Trauma (CREST)

PI: Dee Ford  
Sponsor: NIH/NCMHD  
Total: $359,042

**Zhang, Xian**

Principal Investigator

Role of Fli-1 Gene in Pathogenic B Cell Development

Sponsor: VAMC  
Direct: $261,300

Molecular Mechanisms of the Impact of Fli-1 on Lupus

Sponsor: NIH/NIAMS  
Direct: $225,000

Molecular Mechanisms of the Impact of Fli-1 on Lupus

Sponsor: NIH/NIAMS  
Direct: $216,000

**Zhao, Wenle**

Co-PI/Project Director

A Multi-Center Study of Acute Liver Failure in Adults

PI: Valerie Durkalski  
Sponsor: UT Southwestern Med. Ctr.  
Total: $248,180

Dept: Medicine  
Award: GMO-110105/U01 DK058369-1 (10021836-1)
Zhao, Wenle

Co-Investigator
POINT: Platelet-Oriented Inhibition in New TIA
PI: Yuko Palesch
Dept: Medicine
Sponsor: Univ. of California, San Franci Total: $ 186,436
Award: 5823SC/U01NS062835 (08120256-2)

POINT: Platelet-Oriented Inhibition in New TIA
PI: Yuko Palesch
Dept: Medicine
Sponsor: Univ. of California, San Franci Total: $ 68,097
Award: 5823SC/U01NS062835 (08120256-3)

A Multi-Center Study of Acute Liver Failure in Adults
PI: Valerie Durkalski
Dept: Medicine
Sponsor: UT Southwestern Med. Ctr. Total: $ 78,742
Award: GMO-110904/U01 DK058369-1 (10040888-1)

Accelerating Drug and Device Evaluation Through Innovative Clinical Trial Design - Adaptive Design Trial
PI: Valerie Durkalski
Dept: Medicine
Sponsor: Univ. of Michigan Total: $ 36,270
Award: 5823SC/U01NS062835 (08120256-3)

Evaluating Predictors and Interventions in Sphincter of Oddi Dysfunction (EPISOD): Data - Parent
PI: Peter Cotton
Dept: Medicine
Sponsor: NIH/NIDDK Total: $ 122,995
Award: 5 U01 DK074739-04 (10050682-3)

Neurological Emergencies Treatment Trials Network Statistical and Data Management
PI: Yuko Palesch
Dept: Medicine
Sponsor: NIH/NINDS Total: $ 468,056
Award: 5 U01 NS059041-05 (10052608-1)

PROTECT III: Progesterone for Traumatic Brain Injury: Experimental Clinical Treatment
PI: Yuko Palesch
Dept: Medicine
Sponsor: Emory Univ. Total: $ 218,471
Award: S463554/U01 NS062778-02 (10080545-1)

3/8 - Prolonging Remission in Depressed Elderly (PRIDE)
PI: Rebecca Knapp
Dept: Medicine
Sponsor: NIH/NIMH Total: $ 221,522
Award: 5 U01 MH081362-03 (11012518-1)

Zile, Michael

Principal Investigator
Molecular Proteomics in Cardiovascular Prevention and Treatment
Sponsor: SC Research Centers of Economic Excellence
Budget Dates: 08/01/10 - 06/30/11
Direct: $ 567,113
Award: (08073167)
F & A: 0

Advanced Glycation End-Products in Human Myocardium
Sponsor: Univ. of Vermont
Budget Dates: 09/01/10 - 08/31/11
Direct: $ 163,709
Award: 21469/R01 HL089944-03 (10100788)
F & A: 77,762

SmartState Center for Molecular Proteomics in Cardiovascular Disease and Prevention State Match
Endowment Draw
Sponsor: SC Research Centers of Economic Excellence
Budget Dates: 07/01/10 - 06/30/11
Direct: $ 621,335
Award: (11110084)
F & A: 0

Center for the Study of Molecular Proteomics (SmartState)
Sponsor: MUSC Fdn.
Budget Dates: 07/01/10 - 06/30/11
Direct: $ 16,227
Award: COEE (11120329)
F & A: 0

AGE/RAGE Interaction in Patients with Pressure Overload-Induced Heart Failure
Sponsor: VAMC
Budget Dates: 04/01/11 - 03/31/12
Direct: $ 195,000
Award: CX000415 (12020267)
F & A: 0

Zwerner, Peter

Principal Investigator
Protocol CV 1850048: Apxaban Versus Acetylsalicylic Acid (ASA) to Prevent Stroke in Atrial Fibrillation Patients Who Have Failed or are Unsuitable for Vitamin K Antagonist Treatment: A Randomized, Double-Blind Trial
Sponsor: PPD Development
Budget Dates: 03/27/08 - 12/31/13
Direct: $ 6,494
Award: CV185-048 (08042272)
F & A: 1,624
Zwerner, Peter  
**Principal Investigator**  
CV185030: A Phase 3, Active (Warfarin) Controlled, Randomized, Double-Blind, Parallel-Arm Study to Evaluate Efficacy and Safety of Apixaban in Preventing Stroke and Systemic Embolism in Patients with Nonvalvular Atrial Fibrillation  
Sponsor: Bristol Myers Squibb  
**Budget Dates:** 01/13/09 - 12/31/14  
**Direct:** $6,822  
**Award:** ARISTOTLE CV185-030 (08122947)  
**Project Dates:** 01/13/09 - 12/31/14  
**F & A:** $1,706

RELY-ABLE: Long-Term, Multi-Center Extension of Dabigatran Treatment in Patients with Atrial Fibrillation Who Completed the RE-LY Trial and a Cluster Randomized Trial to Assess the Effect of a Knowledge Translation Intervention on Patient Outcomes  
Sponsor: Boehringer Ingelheim Pharmaceuticals  
**Budget Dates:** 01/20/09 - 12/31/11  
**Direct:** $9,056  
**Award:** RELY-ABLE 1160.71 (08122948)  
**Project Dates:** 01/20/09 - 12/31/11  
**F & A:** $1,514

**Microbiology and Immunology**

Atkinson, Carl  
**Principal Investigator**  
The Role of Complement in the Pathogenesis of Emphysema  
Sponsor: NIH/NHLBI  
**Budget Dates:** 03/01/11 - 02/29/12  
**Direct:** $250,000  
**Award:** 5 R01 HL091944-02 (11012411)  
**Project Dates:** 03/01/10 - 02/28/15  
**F & A:** $118,750

**Co-Investigator**  
A Novel Strategy of Immune Modulation to Treat Lung Cancer  
Pl: Stephen Tomlinson  
Dept: Microbiology and Immunology  
**Award:** W81XWH-10-1-0953 (09082170-1)  
**Total:** $74,813

Balish, Edward  
**Co-Investigator**  
In Vivo Induction of Candida Albicans Morphogenesis  
Pl: Caroline Westwater  
Dept: Craniofacial Biology  
**Award:** 5 R21 AI078098-02 (08031293-2)  
**Total:** $60,000

Beckham, Thomas  
**Principal Investigator**  
Evaluation of Acid Ceramidase Over Expression Induced Activation of the Oncogenic Akt Pathway in Prostate Cancer  
Sponsor: DOD  
**Budget Dates:** 04/11/11 - 11/10/13  
**Direct:** $35,627  
**Award:** W81XWH-11-1-0334 (10052495)  
**Project Dates:** 04/11/11 - 11/10/13  
**F & A:** $2,509

Guo, Beichu  
**Principal Investigator**  
The Type I IFN Pathway Constrains Th17-Mediated Autoimmune Diseases  
Sponsor: NIH/NIAID  
**Budget Dates:** 05/01/11 - 04/30/12  
**Direct:** $150,000  
**Award:** 1 K22 AI087707-01 (11042841)  
**Project Dates:** 05/01/11 - 04/30/13  
**F & A:** $12,000

Haque, Azizul  
**Principal Investigator**  
Disruption of HLA Class II Mediated Immune Recognition of B Cell Lymphomas  
Sponsor: NIH/NCI  
**Budget Dates:** 01/01/11 - 12/31/11  
**Direct:** $201,275  
**Award:** 5 R01 CA129560-03 (10112908)  
**Project Dates:** 03/01/09 - 12/31/13  
**F & A:** $95,606

**Co-Investigator**  
Inflammation and Degeneration of Optic Nerve in EAE  
Pl: Naren Banik  
Dept: Neurosciences  
**Award:** 5 R01 NS065456-02 (10051848-1)  
**Total:** $233,733

Li, Zihai  
**Principal Investigator**  
gp96, TLR and Immunologic Tolerance  
Sponsor: NIH/NIAID  
**Budget Dates:** 07/01/10 - 02/28/11  
**Direct:** $247,500  
**Award:** 7 R01 AI077283-07 (10082516)  
**Project Dates:** 03/01/09 - 02/28/14  
**F & A:** $117,563
Li, Zihai  
**Principal Investigator**  
Roles and Mechanisms of gp96 in Chaperoning Innate Immunity  
Sponsor: NIH/NIAID  
Award: 7 R01 AI070603-05 (10090859)  
Budget Dates: 07/01/10 - 03/31/11  
Project Dates: 04/01/07 - 03/31/12  
Direct: $277,366  
F & A: $131,749  

Novel Chaperone Mechanism for Platelet Disorder  
Sponsor: NIH/NHLBI  
Award: 7 RC1 HL100556-02 (10090860)  
Budget Dates: 09/01/10 - 08/31/11  
Project Dates: 09/30/09 - 08/31/11  
Direct: $613,977  
F & A: $184,307  

**gp96, TLR and Immunologic Tolerance**  
Sponsor: NIH/NIAID  
Award: 5 R01 AI077283-08 (11012635)  
Budget Dates: 03/01/11 - 02/29/12  
Project Dates: 03/01/09 - 02/28/14  
Direct: $245,025  
F & A: $116,387  

Roles and Mechanisms of gp96 in Chaperoning Innate Immunity  
Sponsor: NIH/NIAID  
Award: 5 R01 AI070603-06 (11021577)  
Budget Dates: 04/01/11 - 03/31/12  
Project Dates: 04/01/07 - 03/31/12  
Direct: $256,258  
F & A: $119,017  

COEE for Cancer Stem Cell Biology and Therapy State Match Endowment Draw  
Sponsor: SC Research Centers of Economic Excellence  
Award: (11042211)  
Budget Dates: 07/01/10 - 06/30/11  
Project Dates: 06/09/08 - 06/30/11  
Direct: $2,806,358  
F & A: $0  

May, Harold  
**Principal Investigator**  
Electrolythogenis: Bioelectrochemical Reduction of CO2 to Butanol  
Sponsor: DOE  
Award: DE-AR0000089 (10031876)  
Budget Dates: 07/09/10 - 07/08/13  
Project Dates: 07/09/10 - 07/08/13  
Direct: $698,400  
F & A: $109,991  

Norris, James  
**Co-PI/Project Director**  
Sphingolipids in Cancer Biology and Therapy (Project 2)  
PI: Yusuf Hannun  
Sponsor: NIH/NCI  
Total: $150,402  
Dept: Biochemistry and Molecular Biology  
Award: 5 P01 CA097132-08 (10060360-6)  
Budget Dates: 09/01/07 - 07/17/12  
Project Dates: 05/01/07 - 07/17/12  
Direct: $70,110  
F & A: $0  

Pandey, Janardan  
**Principal Investigator**  
Racially Associated Immunoglobulin G and Fcgamma Receptor Genes and Humoral Immunity to Mucin 1 in Prostate Cancer  
Sponsor: DOD  
Award: W81XWH-10-1-0479 (09051348)  
Budget Dates: 06/15/11 - 07/17/12  
Project Dates: 06/15/10 - 07/14/13  
Direct: $150,000  
F & A: $70,110  

Rubinchik, Semyon  
**Co-Investigator**  
Placenta Growth Factor Inhibition in Head and Neck Cancer  
PI: Natalie Sutkowski  
Sponsor: NIH/NIDCR  
Total: $75,000  
Dept: Microbiology and Immunology  
Award: 1 R03 DE020129-01A1 (09112508-1)  
Budget Dates: 05/01/07 - 07/17/12  
Project Dates: 05/01/07 - 07/17/12  
Direct: $16,805  
F & A: $0  

Schmidt, Michael  
**Principal Investigator**  
Supplement to Management of the Nuclear Energy Advisory Committee  
Sponsor: SCUREF  
Award: IDNE002 (10012135)  
Budget Dates: 09/15/06 - 03/14/11  
Project Dates: 09/15/06 - 03/14/11  
Direct: $45,414  
F & A: $0  

Copper Air Quality Program-FY2011  
Sponsor: Advanced Technology Institute  
Award: 2007-617 (10051967)  
Budget Dates: 07/18/10 - 03/31/11  
Project Dates: 05/01/07 - 07/17/11  
Direct: $156,217  
F & A: $71,858  

Copper Antimicrobial Research Program-FY2011  
Sponsor: Advanced Technology Institute  
Award: 2007-614 (10051969)  
Budget Dates: 07/18/10 - 07/17/11  
Project Dates: 05/01/07 - 07/17/12  
Direct: $377,389  
F & A: $162,576  

Nuclear Non-Proliferation International Safeguards Graduate Fellowship Program  
Sponsor: SCUREF  
Award: DE-FG07-05ID14692/IDNE015 (10053129)  
Budget Dates: 05/13/10 - 03/31/12  
Project Dates: 05/13/10 - 03/31/12  
Direct: $4,541  
F & A: $0  

Rickover Fellowship in Nuclear Engineering  
Sponsor: SCUREF  
Award: IDNE005/DE-FG07-05ID14692 (10062536)  
Budget Dates: 09/15/10 - 09/14/11  
Project Dates: 09/01/07 - 09/30/14  
Direct: $251,352  
F & A: $16,805  

Medical University of South Carolina  79
### Schmidt, Michael

**Principal Investigator**

**Savannah River Site Internship and Faculty Participation**

- **Sponsor:** SCUREF
- **Budget Dates:** 07/01/10 - 06/30/11
- **Project Dates:** 07/01/09 - 06/30/10
- **Award:** 53519 (10070916)
- **Direct:** $51,433
- **F & A:** $17,387

**Support Services for the Blue Ribbon Commission on America's Nuclear Future-REV-5**

- **Sponsor:** SCUREF
- **Budget Dates:** 03/01/10 - 02/28/11
- **Project Dates:** 03/01/10 - 02/28/11
- **Award:** 53519 (10070916)
- **Direct:** $658,796
- **F & A:** $161,719

**DTRA-Nuclear Forensics Grad Fellowship Program (NFGFP)DE-FG07-05ID14692**

- **Sponsor:** SCUREF
- **Budget Dates:** 08/28/08 - 03/31/12
- **Project Dates:** 08/28/08 - 03/31/12
- **Award:** 53519 (10070916)
- **Direct:** $178,090
- **F & A:** $3,566

**Nuclear Non-Proliferation International Safeguards Graduate Fellowship Program (NNIS)**

- **Sponsor:** SCUREF
- **Budget Dates:** 03/01/10 - 02/28/11
- **Project Dates:** 03/01/10 - 02/28/11
- **Award:** 53519 (10070916)
- **Direct:** $280,694
- **F & A:** $10,677

**Rickover Fellowship in Nuclear Engineering**

- **Sponsor:** SCUREF
- **Budget Dates:** 02/10/11 - 02/09/16
- **Project Dates:** 02/10/11 - 02/09/16
- **Award:** 53519 (10070916)
- **Direct:** $65,238
- **F & A:** $10,567

**Nuclear Forensics Graduate Fellowship Program (NFGFP-DHS)**

- **Sponsor:** SCUREF
- **Budget Dates:** 02/10/11 - 09/30/12
- **Project Dates:** 02/10/11 - 09/30/12
- **Award:** 53519 (10070916)
- **Direct:** $48,430
- **F & A:** $0

**Management of the Nuclear Advisory Committee (NEAC)-2011**

- **Sponsor:** SCUREF
- **Budget Dates:** 03/03/11 - 03/09/16
- **Project Dates:** 03/03/11 - 03/09/16
- **Award:** 53519 (10070916)
- **Direct:** $81,894
- **F & A:** $8,934

**Radiochemistry Education and Junior Faculty Award Program 2011**

- **Sponsor:** SCUREF
- **Budget Dates:** 02/10/11 - 06/30/12
- **Project Dates:** 02/10/11 - 06/30/12
- **Award:** 53519 (10070916)
- **Direct:** $23,303
- **F & A:** $0

### Sutkowski, Natalie

**Principal Investigator**

**Project 2: Role of HPV in Head and Neck Cancer in AA and EA Patients**

- **Sponsor:** Univ. of South Carolina
- **Budget Dates:** 07/01/10 - 02/28/11
- **Project Dates:** 07/01/10 - 02/09/16
- **Award:** 11-1821/P20 MD001770-06 (09061694)
- **Direct:** $45,000
- **F & A:** $21,375

**Placenta Growth Factor Inhibition in Head and Neck Cancer**

- **Sponsor:** NIH/NIDCR
- **Budget Dates:** 09/14/10 - 08/31/11
- **Project Dates:** 09/14/10 - 08/31/12
- **Award:** 1 R03 DE020129-01A1 (09112508)
- **Direct:** $75,000
- **F & A:** $35,625

**Project 2 - Role of HPV in Head and Neck Cancer**

- **Sponsor:** Univ. of South Carolina
- **Budget Dates:** 03/01/11 - 02/28/12
- **Project Dates:** 07/01/10 - 06/30/12
- **Award:** 11-1945/P20MD001770-07 (11110063)
- **Direct:** $44,926
- **F & A:** $21,340

### Tomlinson, Stephen

**Principal Investigator**

**Role of Complement in Inflammatory Bowel Disease**

- **Sponsor:** Crohns Colitis Fdn. of America
- **Budget Dates:** 07/01/10 - 06/30/11
- **Project Dates:** 07/01/10 - 06/30/11
- **Award:** 2735 (09010878)
- **Direct:** $233,020
- **F & A:** $23,303

**A Novel Strategy of Immune Modulation to Treat Lung Cancer**

- **Sponsor:** DOD
- **Budget Dates:** 09/15/10 - 10/14/11
- **Project Dates:** 09/15/10 - 10/14/11
- **Award:** W81XWH-10-1-0953 (09082170)
- **Direct:** $74,813
- **F & A:** $35,536

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

- **Sponsor:** NIH/NHLBI
- **Budget Dates:** 08/01/07 - 07/31/12
- **Project Dates:** 08/01/07 - 07/31/12
- **Award:** 5 R01 HL086576-04 (10062529)
- **Direct:** $274,139
- **F & A:** $100,195

### Voelkel-Johnson, Christi

**Principal Investigator**

**Exploratory/Developmental Bioengineering Research Grants (EBRG) [R21]**

- **Sponsor:** Arizona State University
- **Budget Dates:** 08/01/10 - 07/31/11
- **Project Dates:** 08/01/10 - 07/31/12
- **Award:** R21 CA143505-01A1 (10070809)
- **Direct:** $62,376
- **F & A:** $29,629

### Wright, Cynthia

**Principal Investigator**

**2010 ABCRMS: Student Registrations and Exhibit Fees**

- **Sponsor:** SC Research Authority
- **Budget Dates:** 07/01/10 - 11/14/10
- **Project Dates:** 07/01/10 - 11/14/10
- **Award:** TO #0057 (10030826)
- **Direct:** $3,050
- **F & A:** $0
### Wright, Cynthia

**Principal Investigator**

**MUSC-Claflin Cooperative for Postdoctoral Academic Career Development**

- **Sponsor:** NIH/NIGMS
- **Budget Dates:** 08/01/10 - 07/31/11
- **Direct:** $357,030

**MUSC Short-Term Research Education Program to Increase Diversity**

- **Sponsor:** NIH/NIGMS
- **Budget Dates:** 05/01/07 - 04/30/12
- **Direct:** $102,400

**MUSC Minority Student Development Program**

- **Sponsor:** NIH/NIGMS
- **Budget Dates:** 03/01/05 - 04/30/13
- **Direct:** $18,809

**2011 ABCRMS: Travel and Registration Fees**

- **Sponsor:** SC Research Authority
- **Budget Dates:** 05/15/11 - 12/31/11
- **Direct:** $0

### Neurosciences

#### Adams, Robert

**Principal Investigator**

**Duke Reach MD Project**

- **Sponsor:** Health Sciences SC
- **Budget Dates:** 11/06/09 - 03/31/11
- **Direct:** $75,000

**Prevention of Stroke after STOP, A Retrospective Chart Review**

- **Sponsor:** NIH/NHLBI
- **Budget Dates:** 09/01/09 - 06/30/11
- **Direct:** $467,433

**CoEE for Stroke Endowment Payout**

- **Sponsor:** MUSC Fdn.
- **Budget Dates:** 06/18/07 - 06/30/11
- **Direct:** $2,576,626

**Stoke with Transfusions Changing to Hydroxyurea (SWITCH)**

- **Sponsor:** St. Jude Childrens Hospital
- **Budget Dates:** 08/01/08 - 07/31/13
- **Direct:** $1614-29 MUSC/1 U54 NS0606 (10062192)

**CoEE for Stroke Research State Match Endowment Draw**

- **Sponsor:** SC Research Centers of Economic Excellence
- **Budget Dates:** 06/18/07 - 06/30/11
- **Direct:** $0

**Control of Dopamine Neuron Firing Pattern by PI-Coupled Receptors**

- **Sponsor:** Univ. of Texas
- **Budget Dates:** 08/01/07 - 07/31/11
- **Direct:** $108,881

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

- **Sponsor:** NIH/NIDA
- **Budget Dates:** 08/01/07 - 07/31/11
- **Direct:** $288,090

### Aston-Jones, Gary

**Principal Investigator**

**COEE for Neurosciences: Murray Chair**

- **Sponsor:** MUSC Fdn.
- **Budget Dates:** 07/01/07 - 06/30/11
- **Direct:** $120,547

**Control of Dopamine Neuron Firing Pattern by PI-Coupled Receptors**

- **Sponsor:** Univ. of Texas
- **Budget Dates:** 08/01/07 - 07/31/11
- **Direct:** $108,881

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

- **Sponsor:** NIH/NIDA
- **Budget Dates:** 08/01/07 - 07/31/11
- **Direct:** $288,090

**Neurobiology of Addiction Research Center (Project 3)**

- **Sponsor:** NIH/NIDA
- **Budget Dates:** 08/01/07 - 07/31/11
- **Direct:** $116,815

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Medical University of South Carolina
<table>
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<tr>
<th>Principal Investigator</th>
<th>Title</th>
<th>Sponsor</th>
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<td>Badanich, Kimberly</td>
<td>Orbitofrontal Cortex Dysfunction after Chronic Ethanol Exposure</td>
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<td>09/05/10 - 09/04/11</td>
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<td>Extra-Nigral Neurodegeneration in Experimental Parkinson's Disease</td>
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<td>Role of Proteinase in Spinal Cord Injury</td>
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<td>Attentional Processing of Temporal Information</td>
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<td>PACD Scholar: Dr. Angie Cason</td>
<td>Univ. of South Carolina</td>
<td>02/01/11 - 01/31/12</td>
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<td>Impact of Adolescent Alcohol Exposure on Prefrontal Cortical Function in the Adult</td>
<td>NIH/NIAAA</td>
<td>09/05/10 - 08/31/11</td>
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<td>Ethanol and Plasticity of Tripartite Synapses</td>
<td>NIH/NIAAA</td>
<td>09/05/10 - 08/31/11</td>
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<td>Effects of Chronic Alcohol Exposure on Synaptic Plasticity in the Prefrontal Cort</td>
<td>Univ. of Texas</td>
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<td>Actin-Dynamics and Spine Remodeling in Ethanol-Induced Plasticity</td>
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<td>Alcohol Research Center - Treatment and Implications (RC2)</td>
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<td>Ethanol Sensitivity of Native and Cloned NMDA Receptors</td>
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Annual Report for Research FY2011

Research Faculty Activity

Neurosciences

Chimowitz, Marc

**Principal Investigator**

**Mechanisms of Stroke in Intracranial Stenosis and Stenting (MoSISS)**

- **Sponsor:** Univ. of Miami
- **Budget Dates:** 04/15/10 - 03/31/11
- **Direct:** $11,284

**Biomarkers of Ischemic Outcomes in Symptomatic Intracranial Stenosis**

- **Sponsor:** Emory Univ.
- **Budget Dates:** 07/01/10 - 06/30/11
- **Direct:** $25,420

**Countess-Paolozzi Endowed Chair in Translational Neurology for the Stroke CoEE**

- **Sponsor:** MUSC Fdn.
- **Budget Dates:** 07/01/10 - 06/30/11
- **Direct:** $44,341

**SAMMPRIS - Stenting vs Aggressive Medical Management for Preventing Recurrent Stroke in Intracranial Stenosis**

- **Sponsor:** NIH/NINDS
- **Budget Dates:** 05/01/11 - 04/30/12
- **Direct:** $3,650,101

**Co-PI/Project Director**

**CoEE for Stroke Research State Match Endowment Draw**

- **Pl:** Robert Adams
- **Dept:** Neurosciences
- **Award:** (11042212-1)

**Co-Investigator**

**CoEE for Stroke Endowment Payout**

- **Pl:** Robert Adams
- **Dept:** Neurosciences
- **Award:** (10102054-1)

Ellegala, Dilantha

**Principal Investigator**

**ICH Removal: Minimally Invasive Surgery + re-PA**

- **Sponsor:** Johns Hopkins Univ.
- **Budget Dates:** 09/01/09 - 02/28/10
- **Direct:** $59,276

**Co-Investigator**

**Inflammation and Degeneration of Optic Nerve in EAE**

- **Pl:** Naren Banik
- **Dept:** Neurosciences
- **Award:** 5 R01 GM065456-02 (10051848-1)

**Role of Proteinase in Spinal Cord Injury**

- **Pl:** Naren Banik
- **Dept:** Neurosciences
- **Award:** 5 R01 NS031622-17 (11041488-2)

Edwards, Jonathan

**Principal Investigator**

**RNS System Long-Term Treatment Clinical Investigation**

- **Sponsor:** Neuropace
- **Budget Dates:** 08/02/10 - 07/31/15
- **Direct:** $96,437

Ellegala, Dilantha

**Principal Investigator**

**ICH Removal: Minimally Invasive Surgery + re-PA**

- **Sponsor:** Johns Hopkins Univ.
- **Budget Dates:** 09/01/09 - 02/29/12
- **Direct:** $7,700
Faison, Warachal

Co-Investigator

Apathy in Alzheimer's Disease Methyphenidate Trial
PI: Jacobo Mintzer Sponsor: NIH/NIA Total: $640,101
Dept: Neurosciences Award: 5 R01 AG033032-02 (08013167-2)

Fan, Hongkuan

Principal Investigator

The Role of Beta-Arrestins 1 and 2 in Rheumatoid Arthritis
Sponsor: NIH/NIAID Budget Dates: 08/11/10 - 07/31/11 Direct: $50,000
Award: 5 R03 AI079248-02 (08102780) Project Dates: 08/11/09 - 07/31/11 F & A: $23,750

The Role of Beta-Arrestins 1 and 2 in Rheumatoid Arthritis
Sponsor: NIH/NIAID Budget Dates: 08/02/10 - 08/01/11 Direct: $35,896
Award: 3 R03 AI079248-02S1 (10051218-1) Project Dates: 08/02/10 - 08/01/11 F & A: $17,051

Flynn Longmire, Crystal

Co-Investigator

Apathy in Alzheimer's Disease Methyphenidate Trial
PI: Jacobo Mintzer Sponsor: NIH/NIA Total: $640,101
Dept: Neurosciences Award: 5 R01 AG033032-02 (08013167-2)

Frankel, Bruce

Principal Investigator

P I/II Intraventricular DepoCyt (OD#06-2348) in Glioblastoma (76, 730, 11/06)
Sponsor: FDA Budget Dates: 09/01/10 - 08/31/12 Direct: $107,486
Award: 5 R01 FD003542-02 (10063074) Project Dates: 09/01/09 - 08/31/11 F & A: $47,066

KAST Study: The Kiva System as a Vertebral Augmentation Treatment - A Safety and Effectiveness Trial
Sponsor: Benvenue Medical Inc. Budget Dates: 09/24/10 - 09/30/12 Direct: $75,000
Award: BEN005 (10092327) Project Dates: 09/24/10 - 09/30/12 F & A: $18,000

Freeman, Linnea

Principal Investigator

Damaging Effects of a Saturated Fat/Cholesterol Diet to the Brain
Sponsor: NIH/NIA Budget Dates: 09/30/10 - 09/29/11 Direct: $35,802
Award: 5 F31 AG033482-02 (10062855) Project Dates: 09/30/09 - 09/29/11 F & A: 0

Giglio, Pierre

Co-Investigator

P I/II Intraventricular DepoCyt (OD#06-2348) in Glioblastoma (76, 730, 11/06)
PI: Bruce Frankel Sponsor: FDA Total: $107,486
Dept: Neurosciences Award: 5 R01 FD003542-02 (10063074-1)

Granholm, Ann-Charlotte

Principal Investigator

Dual-Hit Hypothesis of Aging Related DA Dysfunction: Project 5
Sponsor: NIH/NIA Budget Dates: 07/01/11 - 06/30/12 Direct: $37,663
Award: 3 P01 AG023630-05S2 (09043068) Project Dates: 09/15/05 - 06/30/12 F & A: $17,890

An Animal Model for Age-Related Degeneration
Sponsor: NIH/NIA Budget Dates: 07/01/10 - 06/30/12 Direct: $173,811
Award: 5 R01 AG012122-15 (10050894) Project Dates: 04/08/94 - 06/30/12 F & A: $79,953

Pharmaceutical Correlates of Aging in Brain Cell Grafts
Sponsor: Univ. of South Florida Budget Dates: 07/01/10 - 06/30/12 Direct: $129,986
Award: 6155-1016-00-A-3 (10052604) Project Dates: 07/01/09 - 06/30/12 F & A: $59,794

Mentor
Characterization of Intracranial Atherosclerotic Stenosis Using HR MRI
PI: Tanya Turan Sponsor: NIH/NINDS Total: $160,814
Dept: Neurosciences Award: 1 K23 NS069668-01A1 (10072077-1)
Gudz, Tatyana
**Principal Investigator**
*Mitochondrial Ceramide in TBI*
Sponsor: VAMC
Award: RX000206 (09102971)

**Budget Dates:**
- Direct: $248,400

**Project Dates:**
- F & A: $0

---

Halford, Jonathan
**Principal Investigator**
*Open-Label Study to Assess the Safety and Tolerability of Intravenous Carbamazepine as Short-Term Replacement of Oral Carbamazepine in Adult Patients with Epilepsy*
Sponsor: Icon Clinical Research, Inc.
Award: N01358 (11012856)

**Budget Dates:**
- Direct: $223,475

**Project Dates:**
- F & A: $55,119

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Hinson, Vanessa
**Principal Investigator**
*Parkinson’s Disease Neuroprotection Clinical Trial Center*
Sponsor: NIH/NINDS
Award: 3 U10 NS053372-05S1 (09101624)

**Budget Dates:**
- Direct: $147,994

**Project Dates:**
- F & A: $68,078

---

Jayanthi, Lankupalle
**Principal Investigator**
*Norepinephrine Transport Regulation by Phosphorylation*
Sponsor: NIH/NIGMS
Award: 5 R01 GM081054-05 (10121676)

**Budget Dates:**
- Direct: $160,542

**Project Dates:**
- F & A: $76,257

---

Joseph, Jane
**Principal Investigator**
*Exploring the Neurobiological Response to Anti-Drug Media Messages with fMRI*
Sponsor: NIH/NIDA
Award: 7 R21 DA024401-03 (10080548)

**Budget Dates:**
- Direct: $351,855

**Project Dates:**
- F & A: $167,131

---

Kalivas, Peter
**Principal Investigator**
*Faculty Recruitment into Neurobiology of Addiction Research Center (NARC)*
Sponsor: NIH/NIDA
Award: 5 P30 DA028811-02 (09052760)

**Budget Dates:**
- Direct: $242,867

**Project Dates:**
- F & A: $82,967

---

**Research Core Center--Neuroplasticity of Alcohol Addiction**
Sponsor: NIH/NIAAA
Award: 5 P30 AA019362-02 (09052761)

**Budget Dates:**
- Direct: $295,745

**Project Dates:**
- F & A: $85,119
Kalivas, Peter

**Principal Investigator**

**Cocaine, Opioids, and Drug Abuse**

Sponsor: NIH/NIDA

Award: 2 R01 DA03906-27 (09110328)

Budget Dates: 08/01/10 - 05/31/11
Project Dates: 12/01/84 - 05/31/15

Direct: $205,000
F & A: $92,896

**Faculty Recruitment into Neurobiology of Addiction Research Center (NARC)**

Sponsor: NIH/NIDA

Award: 5 P30 DA028811-02 (10081691)

Budget Dates: 09/01/10 - 08/31/11
Project Dates: 09/30/09 - 08/31/11

Direct: $242,867
F & A: $92,896

**NAC-1 A Cocaine Regulated mRNA in the Rat Brain**

Sponsor: Univ. of Pennsylvania

Award: 5 R01 DA012513-12 (11021690)

Budget Dates: 02/01/00 - 03/31/15
Project Dates: 09/01/07 - 08/31/12

Direct: $241,719
F & A: $114,817

**Glutamate and Craving for Cocaine**

Sponsor: NIH/NIDA

Award: 5 P50 DA015369-09 (11031014)

Budget Dates: 05/01/11 - 04/30/12
Project Dates: 09/01/07 - 08/31/12

Direct: $69,513
F & A: $30,710

**Neurobiology of Addiction Research Center**

Sponsor: NIH/NIDA

Award: 5 R01 DA003906-28 (11021690)

Budget Dates: 12/01/84 - 05/31/15
Project Dates: 08/01/03 - 04/30/13

Direct: $241,719
F & A: $114,817

**Kara, Prakash**

**Principal Investigator**

**The Receptive Fields of Dendrites and Spines in the Visual Cortex**

Sponsor: NIH/NEI

Award: 1 R21 EY020985-01 (09101416)

Budget Dates: 08/01/10 - 07/31/11
Project Dates: 08/01/10 - 07/31/12

Direct: $151,737
F & A: $69,513

**Functional Imaging of Dendritic Spines In Vivo as Markers of Early Brain Disease Existence**

Sponsor: Dana Foundation

Award: (10041295)

Budget Dates: 07/01/10 - 06/30/11
Project Dates: 07/01/10 - 06/30/13

Direct: $65,967
F & A: 0

**Tuning of Dendrites in Cortical Neurons to Monocular and Binocular Visual Stimuli**

Sponsor: Whitehall Foundation

Award: 2010-08-01 (10053131)

Budget Dates: 08/01/10 - 07/31/11
Project Dates: 08/01/10 - 07/31/12

Direct: $73,159
F & A: 1,841

**Development and Plasticity of Functional Micro-Organization of the Visual Cortex**

Sponsor: NIH/NEI

Award: 5 R01 EY017925-05 (12010083)

Budget Dates: 06/01/11 - 05/31/12
Project Dates: 07/01/07 - 05/31/12

Direct: $237,600
F & A: $109,296

**Kindy, Mark**

**Principal Investigator**

**Therapeutic Intervention in Cervical Spinal Cord Injury**

Sponsor: VAMC

Award: (07063037)

Budget Dates: 10/01/10 - 09/30/11
Project Dates: 10/01/07 - 09/30/11

Direct: $151,737
F & A: $69,513

**Pesticides, Paraoxonase and Alzheimer's Disease**

Sponsor: NIH/NIEHS

Award: 5 R01 ES016774-02 (08090466)

Budget Dates: 08/01/10 - 06/30/12
Project Dates: 09/17/09 - 06/30/12

Direct: $275,000
F & A: $130,625

**Lowcountry Partnership for Biomedical Innovation**

Sponsor: Coll. of Charleston

Award: IIP-0917987 (10030930)

Budget Dates: 03/01/10 - 02/28/12
Project Dates: 03/01/10 - 02/29/12

Direct: $27,200
F & A: $12,920

**Complement and Traumatic Brain Injury**

Sponsor: VAMC

Award: RX000331 (10051963)

Budget Dates: 05/01/11 - 06/30/12
Project Dates: 05/01/10 - 06/30/13

Direct: $231,700
F & A: 0

**Kutluay, Ekrem**

**Principal Investigator**

**A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Multi-Center Trial of Pregabalin Controlled Release Formulation as Adjunctive Therapy in Adults with Partial Onset Seizures**

Sponsor: MUSC OIP

Award: A00811914 (11041272)

Budget Dates: 05/02/11 - 06/30/12
Project Dates: 05/02/11 - 06/30/12

Direct: $143,610
F & A: $33,049

**A Prospective, Open-Label Study of the Structure and Function of the Retina in Adult Patients with Refractory Complex Partial Seizures Treated with Vagabtrin (Sabril)**

Sponsor: Covance, Inc.

Award: 13098A (11120364)

Budget Dates: 04/29/11 - 06/30/13
Project Dates: 04/29/11 - 06/30/13

Direct: $94,226
F & A: $22,806
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<td>Controlling Blood Pressure in Treatment Resistant Hypertension: A Pilot Study</td>
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<td>Effects of Repeated Cocaine Administration in Activity of Cortical Interneurons</td>
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<td>Clot Lysis: Evaluating Accelerated Resolution of IVH Phase 3</td>
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<td>VTA Glutamate and Orexin Involvement in Cue Reinstatement of Drug Seeking</td>
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McGinty, Jacqueline

**Principal Investigator**

**Drug Abuse Training Program**

- **Sponsor:** NIH/NIDA
- **Budget Dates:** 07/01/10 - 06/30/11
- **Direct:** $408,343

**Psychostimulant Effects on Striatal Signaling**

- **Sponsor:** NIH/NIDA
- **Budget Dates:** 04/01/11 - 03/31/12
- **Direct:** $188,219

**Co-PI/Project Director**

**Interdisciplinary Women's Health Research at MUSC (Administrative Budget)**

- **PI:** Kathleen Brady
- **Sponsor:** NIH/NICHD
- **Total:** $67,978

**Interdisciplinary Women's Health Research at MUSC (Scholar Budget)**

- **PI:** Kathleen Brady
- **Sponsor:** NIH/NICHD
- **Total:** $392,012

**Neurobiology of Addiction Research Center (Core C)**

- **PI:** Peter Kalivas
- **Sponsor:** NIH/NIDA
- **Total:** $87,051

**Neurobiology of Addiction Research Center (Project 2)**

- **PI:** Peter Kalivas
- **Sponsor:** NIH/NIDA
- **Total:** $121,856

Mintzer, Jacobo

**Principal Investigator**

**Apathy in Alzheimer’s Disease Methylenidate Trial**

- **Sponsor:** NIH/NIA
- **Budget Dates:** 09/01/10 - 08/31/12
- **Direct:** $640,101

**A Double-Blind, Placebo-Controlled, Randomized, Multi-Center Study Evaluating the Efficacy and Safety of Eighteen Months of Treatment with PF-04494700 (TTP488) in Participants with Mild-to-Moderate Alzheimer’s Disease**

- **Sponsor:** Univ. of California, San Diego
- **Budget Dates:** 03/03/08 - 12/10/11
- **Direct:** $113,680

**Effect of Gamma Secretase Inhibition on the Progression of Alzheimer’s Disease: LY450139 versus Placebo**

- **Sponsor:** Quintiles Pacific, Inc.
- **Budget Dates:** 08/01/08 - 06/30/11
- **Direct:** $154,008

**A Phase 3, Multi-Center, Parallel-Group, Long-Term, Safety and Tolerability, Treatment Trial of Bapinezumab (AAB 001, ELN115727) in Subjects with Alzheimer’s Disease Who Participated in Study ELN115727-301 or in Study ELN115727-302**

- **Sponsor:** Clinical Financial Services, LLC
- **Budget Dates:** 11/26/09 - 04/30/13
- **Direct:** $125,220

**Open-Label, Extension for Alzheimer’s Disease Patients Who Complete One of Two Semagacestat Phase 3, Double-Blind Studies (H6L-MC-LFAN or H6L-MC-LFBC)**

- **Sponsor:** Quintiles Pacific, Inc.
- **Budget Dates:** 07/01/10 - 12/31/12
- **Direct:** $154,962

**Amyloid Imaging, VMCI, and Analysis for ADNI**

- **Sponsor:** Univ. of California, San Diego
- **Budget Dates:** 09/01/09 - 08/31/12
- **Direct:** $72,300

**Bapinezumab In Patients with Mild to Moderate Alzheimer’s Disease (ApoE4 Non-Carrier)**

- **Sponsor:** Pfizer, Inc.
- **Budget Dates:** 07/01/10 - 12/31/12
- **Direct:** $234,252

**Citalopram Treatment for Agitation in Alzheimer Dementia**

- **Sponsor:** Johns Hopkins Univ.
- **Budget Dates:** 09/01/10 - 08/31/11
- **Direct:** $80,642

**A Double-Blind, Placebo-Controlled, Randomized, Multi-Center Study Evaluating CERE-110 Gene Delivery in Subjects with Mild to Moderate Alzheimer’s Disease**

- **Sponsor:** Univ. of California, San Diego
- **Budget Dates:** 02/01/09 - 06/30/13
- **Direct:** $223,801
Mintzer, Jacobo

**Principal Investigator**

**A 52-week, Multi-Center, Open-Label Study of the Safety and Tolerability of Agomelatine Sublingual Tablets in Patients with Major Depressive Disorder (MDD)**

**Sponsor:** Novartis Corp.  
**Award:** AG0178C2399 (10110527)

**Budget Dates:** 11/11/10 - 01/24/13  
**Project Dates:** 11/11/10 - 01/24/13  
**Direct:** $110,677  
**F & A:** $26,794

**Alzheimer's Disease Neuroimaging Initiative**

**Sponsor:** Univ. of California, San Diego  
**Award:** AG024904 (11021159)

**Budget Dates:** 09/30/10 - 08/31/15  
**Project Dates:** 09/30/10 - 08/31/15  
**Direct:** $525,731  
**F & A:** $95,419

**Continued Efficacy and Safety Monitoring of Solanezumab, an Anti-Amyloid Beta Antibody in Patients with Alzheimer's Disease**

**Sponsor:** Quintiles Pacific, Inc.  
**Award:** H8A-MC-LZAO (11031118)

**Budget Dates:** 03/02/11 - 05/31/14  
**Project Dates:** 03/02/11 - 05/31/14  
**Direct:** $335,737  
**F & A:** $83,059

**Co-PI/Project Director**

**Southeastern Virtual Institute for Health Equity and Wellness (SE VIEW)- Project 7**

**PI:** Sabra Slaughter  
**Sponsor:** US Army/USAMRAA  
**Total:** $242,459

**Co-Investigator**

**Quantitative MRI of Iron Homeostasis, Atrophy and Tissue Structure in AD Brain**

**PI:** Joseph Helpern  
**Sponsor:** NIH/NIA  
**Total:** $283,615

---

Mulholland, Patrick

**Principal Investigator**

**Chronic Ethanol and SK2 Potassium Channels**

**Sponsor:** NIH/NIAAA  
**Award:** 4 R00 AA017922-02 (10052188)

**Budget Dates:** 09/30/10 - 06/30/11  
**Project Dates:** 07/10/09 - 06/30/13  
**Direct:** $117,335  
**F & A:** $50,034

**Chronic Alcohol Induced Plasticity of the mPFC: Role for SK Channels**

**Sponsor:** Oregon Health Sciences University  
**Award:** ABNEU0169M (10111769)

**Budget Dates:** 02/01/11 - 01/31/12  
**Project Dates:** 03/10/10 - 01/31/12  
**Direct:** $44,685  
**F & A:** $21,225

**Co-Investigator**

**Impact of Adolescent Alcohol Exposure on Prefrontal Cortical Function in the Adult**

**PI:** L. Chandler  
**Sponsor:** NIH/NIAAA  
**Total:** $281,088

**Dept:** Neurosciences  
**Award:** 1 U01 AA019967-01 (10012999-1)

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Muntz-Pope, Bonnie

**Principal Investigator**

**ThinkFirst Injury Prevention**

**Sponsor:** SC Dept. of Disabilities and Spec. Needs  
**Award:** SG 2011-09 (1008967)

**Budget Dates:** 09/01/10 - 06/30/11  
**Project Dates:** 09/01/10 - 06/30/11  
**Direct:** $1,204  
**F & A:** $96

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Papamitsakis, Nikolaos

**Principal Investigator**

**CD-0125: Safety and Efficacy of NeuroFlo Technology in Ischemic Stroke**

**Sponsor:** Coaxia, Inc.  
**Award:** CD-0125 (07070234)

**Budget Dates:** 06/13/07 - 09/30/10  
**Project Dates:** 06/13/07 - 09/30/10  
**Direct:** $10,412  
**F & A:** $2,603

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Parsegian, Aram

**Principal Investigator**

**Impact of Meth Self-Administration on Glutamate and Dopamine in the Corticoaccumbens Pathway**

**Sponsor:** NIH/NIDA  
**Award:** 1 F31 DA029431-01A1 (10040883)

**Budget Dates:** 01/01/11 - 12/31/11  
**Project Dates:** 01/01/11 - 12/31/12  
**Direct:** $40,810  
**F & A:** $0

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Ramamoorthy, Samman

**Principal Investigator**

**Genetic Models of Serotonin Transporter Regulation Linked to Mental Disorders**

**Sponsor:** NIH/NIMH  
**Award:** 1 R21 MH091633-01 (09102979)

**Budget Dates:** 07/01/10 - 06/30/11  
**Project Dates:** 07/01/10 - 06/30/12  
**Direct:** $125,000  
**F & A:** $59,375

**Kappa-Opioid Receptor Mediated Regulation of Dopamine Transport**

**Sponsor:** NIH/NIMH  
**Award:** 1 R01 MH083928-01A2 (09111987)

**Budget Dates:** 07/01/10 - 04/30/11  
**Project Dates:** 07/01/10 - 04/30/15  
**Direct:** $233,156  
**F & A:** $110,749

**Serotonin Transporter Phosphorylation**

**Sponsor:** NIH/NIMH  
**Award:** 5 R01 MH062612-09 (11051838)

**Budget Dates:** 04/01/11 - 03/31/12  
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<td>Investigation of Cocaine (PYM50028) in Early-stage Parkinson's Disease</td>
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Samanta Ray, Supriti  
**Co-Investigator**

**Role of Proteinase in Spinal Cord Injury**

PI: Naren Banik  
Dept: Neurosciences  
Sponsor: NIH/NINDS  
Total: $17,500

Award: 5 R01 NS031622-17 (11041488-2)

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Sambamurti, Kumar  
**Principal Investigator**

**Small Molecule Inhibitor of Amyloid Precursor Protein Synthesis**

Sponsor: Q. R. Pharma  
Budget Dates: 09/15/10 - 08/31/11  
Direct: $49,526

Award: 1 R43 AG037247-01 (09040378)

**Dietary Modification of AD Biomarkers**

Sponsor: Alzheimer’s Assoc.  
Budget Dates: 09/01/10 - 08/31/11  
Direct: $60,605

Award: IIRG-10-173180 (10081177)

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Schwendt, Marek  
**Principal Investigator**

**The Role of Pick 1 in Altered Protein Trafficking and Behavioral Plasticity Resulting from Chronic Methamphetamine Self-Administration**

Sponsor: NARSAD  
Budget Dates: 01/01/11 - 12/31/11  
Direct: $30,000

Award: (09112301)

**Striatal RGS4 Interacts with mGluR5 Signaling in Relapse to Cocaine-Seeking**

Sponsor: NIH/NIDA  
Budget Dates: 02/01/11 - 01/31/12  
Direct: $121,250

Award: 5 R21 DA025846-02 (10121786)

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See, Ronald  
**Principal Investigator**

**Interdisciplinary Medication Development for Multiple Risk Factors in Relapse**

Sponsor: NIH/NIDA  
Budget Dates: 07/01/10 - 06/30/11  
Direct: $246,961

Award: 5 R01 DA021690-04 (10051439)

**Striatal Mechanisms of Relapse to Cocaine Seeking**

Sponsor: NIH/NIDA  
Budget Dates: 12/01/10 - 11/30/11  
Direct: $194,000

Award: 5 R01 DA010462-14 (11010633)

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Mentor  

**PACD Scholar: Dr. R. Parrish Waters**

PI: Robert Waters  
Dept: Neurosciences  
Sponsor: Univ. of South Carolina  
Total: $27,220

Award: P20 RR-016461/PO#32213 (11020179-1)

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Shapshak, Angela  
**Principal Investigator**

**ICH Removal: Minimally Invasive Surgery + re-PA**

Sponsor: Johns Hopkins Univ.  
Budget Dates: 03/01/10 - 02/28/11  
Direct: $55,822

Award: PO #2000793887/R01 NS0463 (10080335)
### Neurosciences

<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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<td>Shapshak, Angela</td>
<td>ICH Removal: Minimally Invasive Surgery + rt-PA</td>
<td>Johns Hopkins Univ.</td>
<td>03/01/11 - 02/29/12</td>
<td>$55,821</td>
<td>$11,155</td>
<td>Award: 200793887/R01 NS046309-07 (11040438)</td>
<td>Project Dates: 07/01/03 - 02/29/12</td>
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<td>Smith, Amena</td>
<td>Role of Calpain in the Pathogenesis of Experimental Optic Neuritis</td>
<td>NIH/NEI</td>
<td>12/01/10 - 08/01/11</td>
<td>$32,349</td>
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<td>Project Dates: 12/01/08 - 08/01/11</td>
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<td>Smith, Rachel</td>
<td>Molecular Mechanisms of Cocaine-Induced Alterations in Accumbens AMPA Receptors</td>
<td>NIH/NIDA</td>
<td>04/15/11 - 02/14/13</td>
<td>$160,814</td>
<td>$11,108</td>
<td>Award: 1 K23 NS069668-01A1 (10072077)</td>
<td>Project Dates: 05/01/01 - 04/30/16</td>
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<td>Stickler, David</td>
<td>Clinical Trial of Ceftriaxone in Subjects with ALS</td>
<td>Massachusetts General Hospital</td>
<td>07/01/10 - 06/30/12</td>
<td>$18,774</td>
<td>$8,918</td>
<td>Award: TP0055 Training (10063072)</td>
<td>Project Dates: 07/01/10 - 06/30/12</td>
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<td>Takacs, Istvan</td>
<td>Bilateral Epidural Prefrontal Cortical Stimulation (EpCS) for Treatment-Resistant Depression</td>
<td>NARSAD</td>
<td>07/01/10 - 06/30/12</td>
<td>$240,422</td>
<td>$50,098</td>
<td>Award: U01 NS049640-05 (11021581)</td>
<td>Project Dates: 07/01/10 - 06/30/12</td>
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<td>Trantham, Heather</td>
<td>Impact of Adolescent Alcohol Exposure on Prefrontal Cortical Function in the Adult</td>
<td>NIH/NIAAA</td>
<td>04/06/11 - 09/30/12</td>
<td>$16,512</td>
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<td>Award: PM2009-01 (10102053)</td>
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<td>Turan, Tanya</td>
<td>Characterization of Intracranial Atherosclerotic Stenosis Using HR MRI</td>
<td>NIH/NINDS</td>
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<td>Turner, Raymond</td>
<td>TP0055 Stress Test Evaluation OPMF System</td>
<td>MindFrame, Inc.</td>
<td>07/01/10 - 06/30/11</td>
<td>$18,774</td>
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<td>Award: TP0055 Training (10063072)</td>
<td>Project Dates: 07/01/10 - 06/30/11</td>
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<td>Testing of the Hydrophilic Coated Neuropath Guiding Catheter in an In-Vivo Model; Design Validation Protocol for Micrus One2One 0.014 Guidewire Compared to Transend EX and Product Compatibility; Testing of the Siphon Aspiration Catheter in an In-Vivo Model</td>
<td>Micrus Endovascular Corp.</td>
<td>09/27/10 - 10/31/12</td>
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<td>Pulmonary System Protocol</td>
<td>Salient Surgical Technologies Inc.</td>
<td>09/22/10 - 06/30/11</td>
<td>$5,920</td>
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<td>Award: Salient Training (10092222)</td>
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<td>PSAS - Packing Density in Smaller Aneurysms: How Significant?</td>
<td>Micrus Endovascular Corp.</td>
<td>09/22/10 - 06/30/11</td>
<td>$48,600</td>
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<td>Award: PM2009-01 (10102053)</td>
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<td>MindFrame Training Event (07/11) - Stress Test Evaluation for Vessel Tolerance of the MindFrame System with Multiple Device Use in Native Swine Arteries Versus Competitive Device Control</td>
<td>MindFrame, Inc.</td>
<td>06/06/11 - 09/30/11</td>
<td>$16,512</td>
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<td>Award: July Event (11031650)</td>
<td>Project Dates: 06/06/11 - 09/30/11</td>
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<td>AMERICA: AxiumTM MicroFX for Endovascular Repair of Intracranial Aneurysm - A Multi-Center, Prospective Observational Registry</td>
<td>Univ. of Florida</td>
<td>04/06/11 - 09/30/12</td>
<td>$15,000</td>
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<td>Award: UF11046 - AMERICA (11040646)</td>
<td>Project Dates: 04/06/11 - 09/30/12</td>
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### Turner, Raymond

**Principal Investigator**

**Codman Training Grant - Work Order #1**  
Sponsor: Codman and Shurtleff, Inc.  
Award: Work Order 1 (11042949)  
Budget Dates: 05/01/11 - 09/30/11  
Project Dates: 05/01/11 - 09/30/11  
Direct: $12,186  
F & A: $5,788

**Co-Investigator**

**Gaining Efficacy Long Term: Hydrosoft, an Emerging, New, Embolic Coil (Gel-the-nec) A Prospective, Registry Evaluating the Safety, Ease of Use, and Efficacy of the HydroSoft Coil as a Finishing Device**  
Pl: M. Chaudry  
Sponsor: Mayo Clinic  
Total: $11,200

**Pilot Study of IV C-Arm CT Angiography (CTA) for the Quantitative Assessment of In-stent Restenosis (ISR)**  
Pl: Aquilla Turk, III  
Sponsor: Siemens Medical Solutions U  
Total: $91,825

**Prevention of Photoparoxysmal EEG Abnormalities through Patterned Auditory Stimulation**  
Pl: Bruce Frankel  
Sponsor: FDA  
Total: $107,486  
Award: 5 R01 FD003542-02 (10063074-1)

### Turner, Robert

**Principal Investigator**

**Prevention of Photoparoxysmal EEG Abnormalities through Patterned Auditory Stimulation**  
Sponsor: MIND Institute  
Budget Dates: 03/01/11 - 02/28/12  
Direct: $30,000  
F & A: $0

### Varma, Abhay

**Principal Investigator**

**A Prospective, Multi-Center, Nonrandomized Study to Assess Lumbar Fusion Using Interbody Cages with Autograft in Conjunction with Instrumented Postlateral Gutter Fusions Using NanOss BA**  
Sponsor: Pioneer Surgical, Inc.  
Budget Dates: 11/09/10 - 10/31/12  
Direct: $33,176  
F & A: $7,544

### Walker, Aljoeson

**Principal Investigator**

**Randomized Evaluation of Recurrent Stroke Comparing PFO Closure to Established Current Standard of Care Treatment**  
Sponsor: Aga Medical Corp.  
Budget Dates: 08/01/95 - 08/31/14  
Direct: $247,500  
F & A: $117,563

### Wang, Chiang

**Co-Investigator**

**P I/II Intraventricular DepoCyt (OD#06-2348) in Glioblastoma (76, 730, 11/06)**  
Pl: Bruce Frankel  
Sponsor: FDA  
Total: $107,486  
Award: 5 R01 FD003542-02 (10063074-1)

### Waters, Robert

**Principal Investigator**

**PACD Scholar: Dr. R. Parrish Waters**  
Sponsor: Univ. of South Carolina  
Budget Dates: 02/01/11 - 06/30/11  
Direct: $27,220  
F & A: $0

### Wiggins, Armina

**Principal Investigator**

**The Role of Beta Integrins in Cocaine Induced Neuroadaptations and Relapse**  
Sponsor: NIH/NIDA  
Budget Dates: 07/01/08 - 06/30/11  
Direct: $38,587  
F & A: $0

### Woodward, John

**Principal Investigator**

**Ethanol Sensitivity of Native and Cloned NMDA Receptors**  
Sponsor: NIH/NIAAA  
Budget Dates: 08/01/95 - 08/31/14  
Direct: $117,563  
F & A: $247,500

**Training in Alcohol Research**  
Sponsor: NIH/NIAAA  
Budget Dates: 09/01/11 - 03/31/12  
Direct: $321,549  
F & A: $23,343

**Neural Actions of Toluene**  
Sponsor: NIH/NIDA  
Budget Dates: 04/01/01 - 12/31/13  
Direct: $222,543  
F & A: $91,183

**Co-PI/Project Director**  
**Alcohol Research Center - Treatment and Implications (RC3)**  
Pl: Carrie Randall  
Sponsor: NIH/NIAAA  
Total: $130,873  
Award: 2 P50 AA010761-16 (09112399-6)
**College of Medicine Annual Report for Research FY2011**

**Neurosciences**

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<tr>
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<th>Project Title</th>
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<td><strong>Youssef, Michael</strong></td>
<td>ABTA 2011 Medical Student Summer Fellowship</td>
<td>Amer. Brain Tumor Assoc</td>
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**Obstetrics and Gynecology**

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<td><strong>Alanis, Mark</strong></td>
<td>Risk of Neuroinflammation and Programmed Cognitive Impairment as a Result of In Utero Exposure to Trans- Unsaturated Fatty Acids Through Maternal Diet</td>
<td>Soc. for Maternal-Fetal Medicine</td>
<td>11/01/09 - 10/31/11</td>
<td>$50,000</td>
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<td><strong>Chang, Eugene</strong></td>
<td>Safety of N-Acetylcysteine in Maternal Chorioamnionitis</td>
<td>NIH/NINDS</td>
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**Creasman, William**

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<td><strong>A Randomized, Double-Blind, Placebo-Controlled Study of the Efficacy and Safety of MORAb-003 (farletuzumab) in Combination with Paclitaxel Therapy in Subjects with Platinum-Resistant or Refractory Relapsed Ovarian Cancer</strong></td>
<td>Morphotek, Inc.</td>
<td>06/29/09 - 07/31/14</td>
<td>$750</td>
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**Dempsey-Fanning, Ange**

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<td><strong>Kenneth J. Ryan Residency Training Program</strong></td>
<td>MUSC Fdn.</td>
<td>07/01/10 - 06/30/11</td>
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**Goetzl, Laura**

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<tr>
<td><strong>The EXPEDITE Study: A Phase III, Double-Blind, Randomized, Multi-Center Study of Exogenous Prostaglandin Comparing the Efficacy and Safety of the Misoprostol Vaginal Insert (MVI) 200 mcg to the Dinoprostone Vaginal Insert for Reducing Time to Vaginal Delivery in Pregnant Women at Term</strong></td>
<td>Pharmanet</td>
<td>08/27/10 - 02/28/12</td>
<td>$392,240</td>
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**Graybill, Whitney**

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<tr>
<td><strong>A Phase 2, Indication, Identification Study of LY2523355 in Patients with Ovarian, Non-Small Cell Lung, Prostate, Colorectal, Astroesophageal Cancers, and Squamous Cell Carcinoma of the Head and Neck</strong></td>
<td>Eli Lilly</td>
<td>02/09/11 - 02/29/16</td>
<td>$557,739</td>
<td>$137,960</td>
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**Guillette, Jr., Louis**

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<td><strong>CoEE Applied Marine Genomics</strong></td>
<td>MUSC Fdn.</td>
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Guillette, Jr., Louis  

**Principal Investigator**  
Howard Hughes Medical Institute Professorship  
Sponsor: Howard Hughes Medical Institute  
Award: 52005721 (11032695)  
Budget Dates: 09/01/10 - 08/31/12  
Direct: $35,260

**Co-Investigator**  
Alligator Proteomic Expression Profiles: MINWR versus LWNWR  
Pl: John Baatz  
Sponsor: SC Space Grant Consortium  
Total: $30,000  
Award: 520829 (10022567-1)  
Dept: Pediatrics  
Budget Dates: 09/01/10 - 08/31/12  
F & A: 2,820

Johnson, Donna  

**Principal Investigator**  
Telemedicine and High Risk Pregnancies  
Sponsor: Duke Endowment  
Award: 6275-SP (10062420)  
Budget Dates: 01/01/11 - 12/31/11  
Direct: $144,271  
Total: $144,271  
Dept: Pediatrics  
Award: 6275-SP (10062420)  
Budget Dates: 01/01/11 - 12/31/11  
F & A: 0  
Project Dates: 01/01/11 - 12/31/11  
F & A: 0

**Co-Investigator**  
Noninvasive Screening for Fetal Aneuploidy: A New Maternal Plasma Marker  
Pl: Christopher Robinson  
Dept: Obstetrics and Gynecology  
Sponsor: Sequenom  
Award: SQNM-RHD-301 (10063066-1)  
Total: $49,500  
Dept: Obstetrics and Gynecology  
Award: SQNM-RHD-301 (10063066-1)  
Total: $49,500

CLINICAL STUDY PROTOCOL: ART-0006 MEALISSA Study: MatERNAL BlOOD IS Source to Accurately Diagnose Fetal Aneuploidy: A Prospective, Multi-Center, Observational Study with Blinded, Nested, Case-Control Analyses to Evaluate the Performance of the Artemis Health Prenatal Aneuploidy Diagnostic Test  
Sponsor: Quintiles Pacific, Inc.  
Total: $99,440  
Dept: Obstetrics and Gynecology  
Award: ART-0006 (10002567)  
Budget Dates: 07/26/10 - 07/31/12  
Direct: $99,440

Pre-Eclampsia Triage by Rapid Assay (PETRA) of Novel Biomarkers of Placental Function and Maternal Adaptation  
Pl: Christopher Robinson  
Dept: Obstetrics and Gynecology  
Sponsor: Biosite, Inc.  
Award: BSTE-1002 PETRA (10043066-2)  
Total: $67,534

Sample Collection Study for the Assessment of Novel Biomarkers of Placental Function and Maternal Adaptation in Healthy Pregnant Women without Pre-Eclampsia  
Pl: Christopher Robinson  
Dept: Obstetrics and Gynecology  
Sponsor: Biosite, Inc.  
Award: BSTE-1002 PETRA (10043066-2)  
Total: $21,349

SQNM-RHD-301 Evaluation of the Performance of a Noninvasive Test for Fetal RHD Genotype on the Sequenom MassARRAY System  
Pl: Christopher Robinson  
Dept: Obstetrics and Gynecology  
Sponsor: Sequenom  
Award: SQNM-RHD-301 (10063066-1)  
Total: $49,500

Clinical Protocol BSTE-0134 Clinical Evaluation of Triage Beta hCG in Whole Blood and Plasma (GOAL)  
Pl: Christopher Robinson  
Dept: Obstetrics and Gynecology  
Sponsor: Biosite, Inc.  
Award: GOAL Study (11010629-1)  
Total: $60,161  
Dept: Obstetrics and Gynecology  
Award: GOAL Study (11010629-1)  
Total: $60,161

Detection and Analysis of Fetal Cells from Maternal Circulation  
Pl: Christopher Robinson  
Dept: Obstetrics and Gynecology  
Sponsor: Cellula Inc.  
Award: CPL100 (11010630-1)  
Total: $135,658  
Dept: Obstetrics and Gynecology  
Award: CPL100 (11010630-1)  
Total: $135,658

Detection and Analysis of Fetal Cells from Maternal Circulation  
Pl: Christopher Robinson  
Dept: Obstetrics and Gynecology  
Sponsor: Cellula Inc.  
Award: CPL100 (11010630-2)  
Total: $5,427  
Dept: Obstetrics and Gynecology  
Award: CPL100 (11010630-2)  
Total: $5,427

Detection and Analysis of Fetal Cells from Maternal Circulation  
Pl: Christopher Robinson  
Dept: Obstetrics and Gynecology  
Sponsor: Cellula Inc.  
Award: CPL100 (11010630-3)  
Total: $5,908  
Dept: Obstetrics and Gynecology  
Award: CPL100 (11010630-3)  
Total: $5,908

Investigational Study of a Prenatal Diagnostic Test for Fetal Aneuploidy  
Pl: Christopher Robinson  
Dept: Obstetrics and Gynecology  
Sponsor: Tandem Diagnostics, Inc.  
Award: TT-001 (11011263-1)  
Total: $83,820

Collection of Whole Blood Specimens from Pregnant Subjects to Support Research and Development (SQNM-RND-106)  
Pl: Christopher Robinson  
Dept: Obstetrics and Gynecology  
Sponsor: Sequenom  
Award: SQNM-RND-106 (11033124-1)  
Total: $78,600

Collection of Whole Blood Specimens from Pregnant Women at Increased Risk for Fetal Chromosomal Aneuploidy for Use in Development of the SEQureDx Trisomy 21 Test in the Detection of the Relative Quantity of Chromosome 21 Circulating Cell-Free DNA Extracted from Maternal Plasma (SQNM-T21-107)  
Pl: Christopher Robinson  
Dept: Obstetrics and Gynecology  
Sponsor: Sequenom  
Award: SQNM-T21-107 (11033125-1)  
Total: $78,600
Joyner, Alisha

**Principal Investigator**

**Refocus: Educating Teens at Risk for Pregnancy and Preventing Subsequent Pregnancies**

* Sponsor: The Arnold P. Gold Fdn.  
* Budget Dates: 05/02/11 - 09/15/11  
* Direct: $3,000

Lazenby, Gweneth

**Co-Investigator**

**A Study of Multivalent Human Papillomavirus (HPV) Given to Females Who Have Previously Received GARDASIL**

* PI: David Soper  
* Sponsor: Merck  
* Total: $21,706

Mauldin, Jill

**Co-Investigator**

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

* PI: Kelly Hunt  
* Sponsor: Clemson Univ.  
* Total: $81,582

Newman, Roger

**Principal Investigator**

**Outreach Wellness House Transition Project**

* Sponsor: SC Hospital Research and Educ. Fdn.  
* Budget Dates: 07/01/09 - 06/30/11  
* Direct: $160,000

**Clinical Evaluation of the Actim PROM test**

* Sponsor: Alere Scarborough, Inc.  
* Budget Dates: 02/03/10 - 12/31/11  
* Direct: $1,539

Robinson, Christopher

**Principal Investigator**

**Noninvasive Screening for Fetal Aneuploidy: A New Maternal Plasma Marker**

* Sponsor: Sequenom  
* Budget Dates: 10/08/09 - 10/07/11  
* Direct: $4,490

**Pre-Eclampsia Triage by Rapid Assay (PETRA) of Novel Biomarkers of Placental Function and Maternal Adaptation**

* Sponsor: Biosite, Inc.  
* Budget Dates: 04/30/10 - 08/31/12  
* Direct: $67,534

**Sample Collection Study for the Assessment of Novel Biomarkers of Placental Function and Maternal Adaptation in Healthy Pregnant Women without Pre-Eclampsia**

* Sponsor: Biosite, Inc.  
* Budget Dates: 04/30/10 - 08/31/12  
* Direct: $21,349

**SQNM-RHD-301 Evaluation of the Performance of a Noninvasive Test for Fetal RHD Genotype on the Sequenom MassARRAY System**

* Sponsor: Sequenom  
* Budget Dates: 07/13/10 - 12/31/11  
* Direct: $49,500

**The BD-OTS Post-Marketing Surveillance Program**

* Sponsor: Glenveigh Research, LLC  
* Budget Dates: 12/01/10 - 11/30/11  
* Direct: $4,632

**Clinical Protocol BSTE-0134 Clinical Evaluation of Triage Beta hCG in Whole Blood and Plasma (GOAL)**

* Sponsor: Biosite, Inc.  
* Budget Dates: 01/12/11 - 04/30/12  
* Direct: $60,161
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<th>Budget Dates</th>
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<th>F &amp; A Funding</th>
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<tr>
<td>Robinson, Christopher</td>
<td>Detection and Analysis of Fetal Cells from Maternal Circulation</td>
<td>Cellula Inc.</td>
<td>01/20/11 - 12/31/11</td>
<td>$146,993</td>
<td>$35,123</td>
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<td>Investigational Study of a Prenatal Diagnostic Test for Fetal Aneuploidy</td>
<td>Tandem Diagnostics, Inc.</td>
<td>01/20/11 - 12/31/11</td>
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<td>Collection of Whole Blood Specimens from Pregnant Subjects to Support Research and Development</td>
<td>Sequenom</td>
<td>04/11/11 - 10/31/12</td>
<td>$78,600</td>
<td>$18,600</td>
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<td>Collection of Whole Blood Specimens from Pregnant Women at Increased Risk for Fetal Chromosomal Aneuploidy for Use in Development of the SEQureDx Trisomy 21 Test in the Detection of the Relative Quantity of Chromosome 21 Circulating Cell-Free DNA Extracted from Maternal Plasma</td>
<td>Sequenom</td>
<td>04/11/11 - 10/31/12</td>
<td>$78,600</td>
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<td>Savage, Ashlyn</td>
<td>A Study of Multivalent Human Papillomavirus (HPV) Given to Females Who Have Previously Received GARDASIL</td>
<td>Merck</td>
<td>01/06/10 - 01/31/12</td>
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<td>A Study of Multivalent Human Papillomavirus (HPV) Given to Females Who Have Previously Received GARDASIL</td>
<td>Merck</td>
<td>01/06/10 - 01/31/12</td>
<td>$21,706</td>
<td>$5,426</td>
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<td>Sullivan, Scott</td>
<td>Measuring the Association Between Improved Perinatal Outcomes, Board Certification and Maintenance of Certification</td>
<td>Fdn. for Excellence in Womens Health Care</td>
<td>12/01/10 - 11/30/11</td>
<td>$23,141</td>
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<td>Unal, Elizabeth</td>
<td>The EXPEDITE Study: A Phase III, Double-Blind, Randomized, Multi-Center Study of Exogenous Prostaglandin Comparing the Efficacy and Safety of the Misoprostol Vaginal Insert (MVI) 200 mcg to the Dinoprostone Vaginal Insert for Reducing Time to Vaginal Delivery in Pregnant Women at Term</td>
<td>Pharmanet</td>
<td>12/01/10 - 11/30/11</td>
<td>$392,240</td>
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<td>Vandonsten, J.</td>
<td>The National Standard for Normal Fetal Growth: Twins Study</td>
<td>NIH/NICHD</td>
<td>12/01/10 - 11/30/11</td>
<td>$364,971</td>
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<td>Villers, Margaret</td>
<td>A Study of Multivalent Human Papillomavirus (HPV) Given to Females Who Have Previously Received GARDASIL</td>
<td>Merck</td>
<td>01/06/10 - 01/31/12</td>
<td>$21,706</td>
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<td>Young, Jennifer</td>
<td>A Randomized, Open-Label, Phase IIb Trial of Maintenance Therapy with a MUC1 Dendritic Cell Vaccine (CVac) for Epithelial Ovarian Cancer Patients in First or Second Remission</td>
<td>Prima Biomed Ltd.</td>
<td>08/27/10 - 08/31/15</td>
<td>$136,590</td>
<td>$33,023</td>
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Ophthalmology

Ablonczy, Zsolt

Principal Investigator

**The Mechanism of the Outer Blood Retina Barrier Breakdown**

Sponsor: NIH/NEI  
Award: 1 R01 EY019065-01A2 (09103081)

**Co-Investigator**

**MAP4 Regulation of Cardiac Microtubule Network Density**

PI: George Cooper, IV  
Dept: Medicine  
Sponsor: NIH/NHLBI  
Award: 5 R01 HL094545-02 (11022214-1)

**PI (multiple PIs)**

**Novel Spatial Imaging Techniques for Ocular Retinoids and Retinoid Adducts**

PI: Rosalie Crouch  
Dept: Ophthalmology  
Sponsor: NIH/NEI  
Award: 5 R21 EY020661-02 (11020313)

**Novel Spatial Imaging Techniques for Ocular Retinoids and Retinoid Adducts**

PI: Rosalie Crouch  
Dept: Ophthalmology  
Sponsor: NIH/NEI  
Award: 5 R21 EY020661-02 (11020313-2)

Chavis, Pamela

**Pfizer Medical and Academic Partnerships Ophthalmology Visiting Professorship Award**

Sponsor: Pfizer, Inc.  
Award: Visiting Professorship (10092221)

**A Multi-Center, Double-Masked, Parallel-Group, Placebo-Controlled Study to Assess the Efficacy and Safety of Voclosporin as Therapy in Subjects with Active Non-Infectious Intermediate, Posterior or Pan-Uveitis**

Sponsor: Lux Biosciences, Inc.  
Award: LUX 211-11 (10122309)

Crosson, Craig

**Adenosine Agonists: Potential Antiglaucoma Agents**

Sponsor: NIH/NEI  
Award: 3 R01 EY009741-17S1 (09061927)

**Protein Acetylation in Glaucomatous Optic Neuropathy**

Sponsor: NIH/NEI  
Award: 1 R01 EY021368-01 (10031037)

**Synthetic Retinal Pigments and Binding Proteins**

Sponsor: NIH/NEI  
Award: 3 R01 EY004939-27S1 (11120295)

Crouch, Rosalie

**Novel Spatial Imaging Techniques for Ocular Retinoids and Retinoid Adducts**

Sponsor: NIH/NEI  
Award: 5 R21 EY020661-02 (11020313)

**Synthetic Retinal Pigments and Binding Proteins**

Sponsor: NIH/NEI  
Award: 3 R01 EY004939-27S1 (11120295)

**Co-Investigator**

**Cone Opsin-Ligand Interactions and Photoreceptor Health**

PI: Masahiro Kono  
Dept: Ophthalmology  
Sponsor: NIH/NEI  
Award: 5 R01 EY019515-02 (08060480-2)
Evans, M.

PhD: Matthew Nutaitis
Co-Investigator

Three Month Efficacy and Safety Study of a Fixed Combination of Brinzolamide 1% / Brimonidine 0.2%
Compared to Brinzolamide 1% and Brimonidine 0.2% All Dosed Three Times Daily in Patients with Open-
Angle Glaucoma and/or Ocular Hypertension
PI: Matthew Nutaitis
Sponsor: MUSC OIP
Total: $61,376
Dept: Ophthalmology
Award: C-10-003 (11041486-1)


Husain, Shahid

Denver, Principal Investigator

Opioidergic System: Its Role(s) in Glaucoma
Sponsor: NIH/NEI
Budget Dates: 09/01/10 - 05/31/11
Direct: $250,000
Award: 1 R01 EY019081-01A2 (09110191)
Project Dates: 09/01/10 - 05/31/14
F & A: 118,750

Opioidergic Systems: Its Role(s) in Glaucoma
Sponsor: NIH/NEI
Budget Dates: 06/01/11 - 05/31/12
Direct: $242,576
Award: 5 R01 EY019081-02 (11041384)
Project Dates: 09/01/10 - 05/31/14
F & A: 111,424

Effect of Alcon Compounds on MMP Secretion from Ciliary Muscle Cells
Sponsor: Alcon, Inc.
Budget Dates: 06/08/11 - 12/31/11
Direct: $33,898
Award: 11120209
Project Dates: 06/08/11 - 12/31/11
F & A: 16,102

Kono, Masahiro

Principal Investigator

Cone Opsin-Ligand Interactions and Photoreceptor Health
Sponsor: NIH/NEI
Budget Dates: 07/01/10 - 06/30/12
Direct: $250,000
Award: 5 R01 EY019515-02 (08060480)
Project Dates: 07/01/10 - 06/30/14
F & A: 118,750

Opioidergic Systems: Its Role(s) in Glaucoma
Sponsor: NIH/NEI
Budget Dates: 06/01/10 - 05/31/11
Direct: $213,839
Award: 5 R01 EY014850-07 (11010634)
Project Dates: 07/01/10 - 06/30/12
F & A: 98,367

Koutalos, Yiannis

Principal Investigator

Transport Processes in Photoreceptors
Sponsor: NIH/NEI
Budget Dates: 03/01/11 - 02/29/12
Direct: $213,839
Award: 5 R01 EY014850-07 (11010634)
Project Dates: 07/01/10 - 06/30/12
F & A: 98,367

Co-Investigator

Novel Spatial Imaging Techniques for Ocular Retinoids and Retinoid Adducts
PI: Rosalie Crouch
Sponsor: NIH/NEI
Total: $122,637
Dept: Ophthalmology
Award: 5 R21 EY020661-02 (11020313-1)

Novel Spatial Imaging Techniques for Ocular Retinoids and Retinoid Adducts
PI: Rosalie Crouch
Sponsor: NIH/NEI
Total: $7,567
Dept: Ophthalmology
Award: 5 R21 EY020661-02 (11020313-2)

Kylstra, Jan

Principal Investigator

DRCRN Protocol R: A Phase II Evaluation of Topical NSAIDs on Eyes with Non-Central Involved DME
Sponsor: Jaeb Center for Health Research, Inc.
Budget Dates: 05/01/11 - 12/31/11
Direct: $2,040
Award: U10 EY14231 (11051734)
Project Dates: 01/12/11 - 12/31/13
F & A: 355

Nutaitis, Matthew

Principal Investigator

Three Month Efficacy and Safety Study of a Fixed Combination of Brinzolamide 1% / Brimonidine 0.2%
Compared to Brinzolamide 1% and Brimonidine 0.2% All Dosed Three Times Daily in Patients with Open-
Angle Glaucoma and/or Ocular Hypertension
Sponsor: MUSC OIP
Budget Dates: 06/01/11 - 05/31/12
Direct: $61,376
Award: C-10-003 (11041486)
Project Dates: 06/01/11 - 05/31/12
F & A: 13,824

Patel, Narendra

Co-Investigator

A Multi-Center, Double-Masked, Parallel-Group, Placebo-Controlled Study to Assess the Efficacy and Safety
of Voclosporin as Therapy in Subjects with Active Non-Infectious Intermediate, Posterior or Pan-Uveitis
PI: Pamela Chavis
Sponsor: Lux Biosciences, Inc.
Total: $90,194
Dept: Ophthalmology
Award: LUX 211-11 (10122309-1)

Rohrer, Baerbel

Principal Investigator

Alternative Pathway of Complement Activation in Age-Related Macular Degeneration
Sponsor: NIH/NEI
Budget Dates: 07/01/10 - 06/30/11
Direct: $225,000
Award: 1 R01 EY019320-01A2 (09102036)
Project Dates: 07/01/10 - 06/30/11
F & A: 101,489

High Content Metabolic Screens for Anti-Degenerative Agents in the Retina
Sponsor: Fdn. Fighting Blindness
Budget Dates: 06/01/10 - 05/31/11
Direct: $15,000
Award: TANP-0607-0446-MUSC-WG (10061012)
Project Dates: 06/01/10 - 05/31/11
F & A: 0
Rohrer, Baerbel

**Principal Investigator**

**Neurotrophic Factors and Retinal Degeneration**

Sponsor: Fdn. Fighting Blindness  
Award: NN-NG-PC-0709-0042-PCAC (10081073)  
Budget Dates: 08/01/10 - 07/31/11  
Direct: $80,000  
F & A: 0

**High Content Metabolic Screens for Anti-Degenerative Agents in the Retina**

Sponsor: Fdn. Fighting Blindness  
Award: TA-NEP-0607-0416-MUSC-WG (12010084)  
Budget Dates: 06/01/11 - 05/31/12  
Direct: $245,700  
F & A: 0

**Complement Factor H Haplotypes and Smoking in Age-Related Macular Degeneration**

Sponsor: VAMC  
Award: RX000444 (12020261)  
Budget Dates: 10/01/10 - 09/30/11  
Direct: $271,900  
F & A: 0

**High Content Metabolic Screens for Anti-Degenerative Agents in the Retina**

Sponsor: Fdn. Fighting Blindness  
Award: TA-NEP-0607-0416-MUSC-WG (12010084)  
Budget Dates: 06/01/11 - 05/31/12  
Direct: $245,700  
F & A: 0

**Complement Factor H Haplotypes and Smoking in Age-Related Macular Degeneration**

Sponsor: VAMC  
Award: RX000444 (12020261)  
Budget Dates: 10/01/10 - 09/30/11  
Direct: $271,900  
F & A: 0

**Inflammation and Degeneration of Optic Nerve in EAE**

Sponsor: NIH/NINDS  
Total: $233,733  
Dept: Neurosciences  
Award: 5 R01 NS065456-02 (10051848-1)

**Co-Investigator**

**Cone Opsin-Ligand Interactions and Photoreceptor Health**

PI: Masahiro Kono  
Dept: Ophthalmology  
Award: 5 R01 EY019515-02 (08060480-2)

Trivedi, Rupalben

**Principal Investigator**

**AquaLase Capsule Wash Pediatric Study**

Sponsor: Alcon, Inc.  
Award: AquaLase (07071817)  
Budget Dates: 07/01/07 - 12/31/11  
Direct: $6,400  
F & A: 1,600

**Co-Investigator**

**Infant Aphakia Treatment Study**

PI: M. Wilson  
Dept: Ophthalmology  
Award: S486713/U10 EY013272 (10040255-1)

**Infant Aphakia Treatment Study**

PI: M. Wilson  
Dept: Ophthalmology  
Award: S486713/U10 EY013272 (10040255-2)

Wilson, M.

**Principal Investigator**

**Infant Aphakia Treatment Study**

Sponsor: Emory Univ.  
Award: S486713/U10 EY013272 (10040255)  
Budget Dates: 06/01/10 - 05/31/11  
Direct: $11,634  
F & A: 5,526

**2011 Unrestricted RPB Grant**

Sponsor: Research to Prevent Blindness  
Award: (10122812)  
Budget Dates: 01/01/11 - 12/31/11  
Direct: $100,000  
F & A: 0

**Co-PI/Project Director**

**AquaLase Capsule Wash Pediatric Study**

PI: Rupalben Trivedi  
Dept: Ophthalmology  
Award: AquaLase (07071817-2)

**Orthopaedic Surgery**

Glaser, John

**Principal Investigator**

**Synthes USA Educational Grant**

Sponsor: Synthes (USA)  
Award: Educational Grant (10090863)  
Budget Dates: 09/08/10 - 06/30/13  
Direct: $14,225  
F & A: 0

Gross, Richard

**Principal Investigator**

**OREF 2010-2011 Residency Enhancement Grant**

Award: OREF 2011 (10040143)  
Budget Dates: 07/01/10 - 06/30/11  
Direct: $14,050  
F & A: 0

Hartsock, Langdon

**Principal Investigator**

**Hindfoot Arthrodesis Nail (HAN)**

Sponsor: AO Fdn.  
Award: (10060895)  
Budget Dates: 06/01/10 - 12/31/10  
Direct: $8,136  
F & A: 3,864
Hartsock, Langdon  
**Principal Investigator**  
*Processed Allograft Osteochondral Plug Implantation - Study II*  

Sponsor: Clemson Univ.  
Award: 1474-247-2008153 (10073017)  
Budget Dates: 10/11/10 - 10/31/11  
Direct: $50,442  
F & A: $23,960

Kang, Qian  
**Co-PI/Project Director**  
*Processed Allograft Osteochondral Plug Implantation - Study II*  
PI: Langdon Hartsock  
Sponsor: Clemson Univ.  
Total: $50,442

Kokko, Kyle  
**Principal Investigator**  
*Comparison of Shoulder Range of Motion and Mechanical Stability of Two Locked Proximal Humerus Plating Systems: Hand Innovations, LLC S3 Proximal Humerus Plate vs. Synthes 3.5 mm LCP Proximal Humerus Plate*  
Sponsor: Depuy Orthopaedics  
Award: (11011872)  
Budget Dates: 09/28/10 - 09/27/11  
Direct: $39,090  
F & A: $9,773

Mooney, James  
**Principal Investigator**  
*OREF Resident Journal Club*  
Award: 10-253 (11020192)  
Budget Dates: 09/30/10 - 06/30/11  
Direct: $2,000  
F & A: $0

**Otolaryngology**

Ahlstrom, Jayne  
**Co-Investigator**  
*Auditory Analysis and Speech Recognition*  
PI: Judy Dubno  
Dept: Otolaryngology  
Sponsor: NIH/NIDCD  
Total: $201,619  
Award: 5 R01 DC000184-29 (10051223-1)

Connell, Abby  
**Co-Investigator**  
*Market Assessment Evaluation*  
PI: Ted Meyer  
Dept: Otolaryngology  
Sponsor: Cochlear Americas  
Total: $400  
Award: MAE (09090310-2)

Davis, Betsy  
**Principal Investigator**  
*Intervention to Prevent Delayed Diagnosis of Oral Cancer*  
Sponsor: Creighton Univ.  
Award: K23 DE016890-07 (11120215)  
Budget Dates: 04/01/11 - 08/31/12  
Direct: $10,821  
F & A: $866

Day, Terry  
**Principal Investigator**  
*Randomized, Phase II Trial of Everolimus Versus Placebo as Adjuvant Therapy in Patients with Locally Advanced Squamous Cell Cancer of the Head and Neck (SCCHN)*  
Sponsor: Univ. of Chicago  
Award: CRAD001CUS129T (10121674)  
Budget Dates: 03/01/10 - 12/01/15  
Direct: $98,480  
F & A: $23,620

Co-PI/Project Director  
*Targeting mTOR as a Novel Mechanism-Based Therapy for Head and Neck Cancer*  
PI: M. Young  
Dept: Otolaryngology  
Sponsor: NIH/NCI  
Total: $75,467  
Award: 3 R01 CA128837-01A2S1 (09052122-2)

Co-Investigator  
*C-18-Ceramid in Head and Neck Cancer Growth and Therapy*  
PI: Besim Ogretmen  
Dept: Biochemistry and Molecular Biology  
Sponsor: NIH/NIDCR  
Total: $237,500  
Award: 2 R01 DE016572-06A1 (09113010-1)

**Sphingolipids in Cancer Biology and Therapy (Project 4)**  
PI: Yusuf Hannun  
Dept: Biochemistry and Molecular Biology  
Sponsor: NIH/NCI  
Total: $109,114  
Award: 5 P01 CA097132-08 (10060360-8)
Discolo, Christopher

**Principal Investigator**

**Non-Randomized, Feasibility Trial to Evaluate the Ear Effusion Detection and Characterization System (EEDCS) to Detect and Characterize Middle Ear Fluid in Children**

*Sponsor:* OtoSonic, Inc.  
*Budget Dates:* 04/02/10 - 12/31/11  
*Direct: $8,000*

**A CLINICAL STUDY OF THE ACCLARENT TYMPOANOSTOMY TUBE DELIVERY SYSTEM IN-OFFICE**

*(inVENT-IO Study)*  
*Sponsor:* Acclarent, Inc.  
*Budget Dates:* 04/28/11 - 06/30/12  
*Direct: $20,480*

Dubno, Judy

**Principal Investigator**

**Automated Hearing Tests**

*Sponsor:* Audiology, Inc.  
*Budget Dates:* 04/08/11 - 03/31/12  
*Direct: $80,588*

**Multi-Site Study of the Efficacy of Speech Perception Training for Hearing-Aid Users**

*Sponsor:* Communication Disorders Technology, Inc.  
*Budget Dates:* 08/01/10 - 07/31/12  
*Direct: $51,235*

**Auditory Analysis and Speech Recognition**

*Sponsor:* NIH/NIDCD  
*Budget Dates:* 07/01/10 - 06/30/12  
*Direct: $201,619*

**Experimental and Clinical Studies of Presbyacusis**

*Sponsor:* NIH/NIDCD  
*Budget Dates:* 05/01/10 - 06/30/12  
*Direct: $1,271,981*

Eckert, Mark

**Co-PI/Project Director**

**Experimental and Clinical Studies of Presbyacusis (Project 2)**

*PI:* Judy Dubno  
*Sponsor:* NIH/NIDCD  
*Total: $268,753*

**Observational Study of Swallowing Function after Treatment of Advanced Laryngeal Cancer**

*Sponsor:* University of Minnesota  
*Budget Dates:* 12/18/09 - 08/31/11  
*Direct: $25*

**Effects of the Inspire Implantable Nerve Stimulation System on Obstructive Sleep Apnea**

*Sponsor:* Inspire Medical Systems  
*Budget Dates:* 10/18/10 - 12/31/12  
*Direct: $291,300*

Gillespie, M.

**Principal Investigator**

**C-18-Ceramid in Head and Neck Cancer Growth and Therapy**

*Sponsor:* NIH/NIDCR  
*Budget Dates:* 08/01/10 - 07/31/12  
*Direct: $237,500*
Harris, Kelly

**Principal Investigator**

**Auditory Temporal Processing in the Aging Ear and Brain**

- **Sponsor:** NIH/NIDCD
- **Budget Dates:** 09/01/10 - 08/31/11
- **Direct:** $116,880

**Award:** 5 K23 DC008787-04 (10063067)

- **Project Dates:** 09/20/07 - 08/31/12
- **F & A:** $9,350

Horwitz, Amy

**Co-Investigator**

Auditory Analysis and Speech Recognition
- **Sponsor:** NIH/NIDCD
- **Total:** $201,619

- **Award:** 5 R01 DC000184-29 (10051223-1)

**Experimental and Clinical Studies of Presbyacusis (Project 1)**
- **PI:** Judy Dubno
- **Sponsor:** NIH/NIDCD
- **Total:** $250,409

- **Dept:** Otolaryngology
- **Award:** 5 P50 DC000422-23 (10052598-4)

Lambert, Paul

**Co-Investigator**

Experimental and Clinical Studies of Presbyacusis (Core B)
- **PI:** Judy Dubno
- **Sponsor:** NIH/NIDCD
- **Total:** $407,760

- **Dept:** Otolaryngology
- **Award:** 5 P50 DC000422-23 (10052598-3)

Lee, Fu-Shing

**Co-Investigator**

Automated Hearing Tests
- **PI:** Judy Dubno
- **Sponsor:** Audiology, Inc.
- **Total:** $80,588

- **Dept:** Otolaryngology
- **Award:** RC3 DC010986-01 (09083195-2)

**Experimental and Clinical Studies of Presbyacusis (Core B)**
- **Sponsor:** NIH/NIDCD
- **Total:** $407,760

- **Dept:** Otolaryngology
- **Award:** 5 P50 DC000422-23 (10052598-3)

Martin-Harris, Bonnie

**Principal Investigator**

Respiratory Phase Training Effects on Swallow Impairment in Oropharyngeal Cancer
- **Sponsor:** NIH/NIDCD
- **Budget Dates:** 08/11/10 - 07/31/12
- **Direct:** $125,000

**Award:** 5 R21 DC010480-02 (08111390)

- **Project Dates:** 08/11/09 - 07/31/12
- **F & A:** $59,375

Standardization of Videofluoroscopic Swallow Studies for Bottle-Fed Children
- **Sponsor:** Johns Hopkins Univ.
- **Budget Dates:** 01/01/11 - 12/31/11
- **Direct:** $89,629

**Award:** 2001191161/R01 DC011290-0 (10020229)

- **Project Dates:** 01/01/11 - 12/31/15
- **F & A:** $42,573

Respiratory-Swallow Training in Veterans with Oropharyngeal Cancer
- **Sponsor:** VAMC
- **Budget Dates:** 03/01/11 - 02/28/12
- **Direct:** $135,800

**Award:** RX000206 (10051964)

- **Project Dates:** 03/01/10 - 02/28/13
- **F & A:** 0

Matthews, Lois

**Co-Investigator**

Experimental and Clinical Studies of Presbyacusis (Core B)
- **PI:** Judy Dubno
- **Sponsor:** NIH/NIDCD
- **Total:** $407,760

- **Dept:** Otolaryngology
- **Award:** 5 P50 DC000422-23 (10052598-3)

Meyer, Ted

**Principal Investigator**

Market Assessment Evaluation
- **Sponsor:** Cochlear Americas
- **Budget Dates:** 10/01/09 - 03/31/12
- **Direct:** $400

**Award:** MAE (09090310)

- **Project Dates:** 10/01/09 - 03/31/12
- **F & A:** 100

Mills, John

**Co-PI/Project Director**

Experimental and Clinical Studies of Presbyacusis (Core B)
- **PI:** Judy Dubno
- **Sponsor:** NIH/NIDCD
- **Total:** $407,760

- **Dept:** Otolaryngology
- **Award:** 5 P50 DC000422-23 (10052598-3)

Mulligan, Jennifer

**Principal Investigator**

Contribution of Vitamin D Deficiency to Immune Dysfunction in Children with CRS
- **Sponsor:** Amer. Soc. of Pediatric Otolaryngology
- **Budget Dates:** 07/01/10 - 06/30/11
- **Direct:** $18,182

**Award:** (10010549)

- **Project Dates:** 07/01/10 - 06/30/11
- **F & A:** 1,818

Effects of Second Hand Smoke on Dendritic Cell Regulation and Function in Chronic Rhinosinusitis
- **Sponsor:** Charleston Research Institute
- **Budget Dates:** 07/01/10 - 06/30/11
- **Direct:** $75,000

**Award:** (10070176)

- **Project Dates:** 07/01/10 - 06/30/12
- **F & A:** 0
Nguyen, Shaun

Co-PI/Project Director
Market Assessment Evaluation
Pl: Ted Meyer Sponsor: Cochlear Americas Total: $ 400
Dept: Otolaryngology Award: MAE (09090310-2)

Use of Stammberger Sinu-Foam after Endoscopic Sinus Surgery
Pl: Rodney Schlosser Sponsor: ArthroCare Corporation Total: $ 40,600
Dept: Otolaryngology Award: (10122094-1)

Schlosser, Rodney

Principal Investigator
Use of Stammberger Sinu-Foam after Endoscopic Sinus Surgery
Sponsor: ArthroCare Corporation Budget Dates: 12/15/10 - 01/01/13 Direct: $ 40,600
Pl: Rodney Schlosser Sponsor: ArthroCare Corporation Project Dates: 12/15/10 - 01/01/13 F & A: $ 9,400
Dept: Otolaryngology Award: (10122094)

Schmiedt, Richard

Co-Investigator
Experimental and Clinical Studies of Presbyacusis (Core B)
Pl: Judy Dubno Sponsor: NIH/NIDCD Total: $ 407,760
Dept: Otolaryngology Award: 5 P50 DC000422-23 (10052598-3)

White, David

Principal Investigator
Surgical Reduction of the Inferior Turbinate Using a Coblation Device for Treatment of Nasal Obstruction in a Pediatric Population: A Prospective, Multi-Center Clinical Study
Sponsor: ArthroCare Corporation Budget Dates: 02/04/11 - 08/31/12 Direct: $ 36,900
Pl: David White Sponsor: ArthroCare Corporation Project Dates: 02/04/11 - 08/31/12 F & A: $ 8,350
Dept: Otolaryngology Award: E-505DHH - BREATHE (11032899-1)
White, David

**Co-Investigator**

**A CLINICAL STUDY OF THE ACCLARENT TYMPANOSTOMY TUBE DELIVERY SYSTEM IN-OFFICE**

(inVENT-IO Study)

*Pl: Christopher Discolo*  
*Sponsor: Acclarent, Inc.*  
*Total: $ 20,480*

*Dept: Otolaryngology*  
*Award: CPR005016 (11120318-1)*

Young, M.

**Principal Investigator**

**Defining and Interrupting the Pathways that Lead to HNSCC Invasiveness**

*Sponsor: VAMC*  
*Budget Dates: 10/01/10 - 09/30/11*  
*Direct: $ 125,000*

*Dept: Otolaryngology*  
*Award: (07063042)*  
*Project Dates: 01/01/09 - 12/31/11*  
*F & A: 0*

**Vitamin D Plus Celecoxib Therapy to Stimulate Intratumoral Immune Reactivity**

*Sponsor: VAMC*  
*Budget Dates: 10/01/10 - 09/30/11*  
*Direct: $ 150,000*

*Dept: Otolaryngology*  
*Award: (09041040)*  
*Project Dates: 01/01/09 - 09/30/14*  
*F & A: 0*

**Targeting mTOR as a Novel Mechanism-Based Therapy for Head and Neck Cancer**

*Sponsor: NIH/NCI*  
*Budget Dates: 01/01/09 - 12/31/11*  
*Direct: $ 75,467*

*Dept: Otolaryngology*  
*Award: 3 R01 CA128837-01A2S1 (09052122)*  
*Project Dates: 01/01/09 - 12/31/13*  
*F & A: 24,532*

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

*Sponsor: NIH/NIDCR*  
*Budget Dates: 07/01/10 - 06/30/11*  
*Direct: $ 247,500*

*Dept: Otolaryngology*  
*Award: 5 R01 DE018168-03 (10042852)*  
*Project Dates: 08/01/08 - 06/30/12*  
*F & A: 64,350*

**Immunotherapy to Prevent Oral Permalignant Lesion Recurrence and Oral Cancer**

*Sponsor: NIH/NCI*  
*Budget Dates: 01/01/11 - 12/31/11*  
*Direct: $ 201,275*

*Dept: Otolaryngology*  
*Award: 5 R01 CA128837-03 (11012522)*  
*Project Dates: 01/01/09 - 12/31/13*  
*F & A: 52,332*

**Mentor**

**Heat Shock Protein-Induced Protection against Cisplatin-Induced Hair Cell Death**

*Sponsor: NIH/NIDCD*  
*Budget Dates: 09/28/10 - 09/27/11*  
*Direct: $ 34,679*

*Dept: Pathology and Laboratory Medicine*  
*Award: 5 F30 DC010522-02 (10062421)*  
*Project Dates: 09/28/09 - 09/27/15*  
*F & A: 0*

**Mechanisms of Regulation of NHE-1**

*Sponsor: Medical College of Wisconsin*  
*Budget Dates: 10/01/10 - 08/31/11*  
*Direct: $ 29,841*

*Dept: Pathology and Laboratory Medicine*  
*Award: 3 R01 DK052448-12S1 (11010419)*  
*Project Dates: 10/01/10 - 08/31/11*  
*F & A: 7,759*

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

*Sponsor: NIH/NIDCD*  
*Budget Dates: 07/01/10 - 12/31/10*  
*Direct: $ 212,500*

*Dept: Pathology and Laboratory Medicine*  
*Award: 2 R01 DC007613-06A1 (09103085)*  
*Project Dates: 07/15/05 - 12/31/10*  
*F & A: 100,938*

**Mentor**

**Heat Shock Protein-Induced Protection against Cisplatin-Induced Hair Cell Death**

*Sponsor: NIH/NIDCD*  
*Total: $ 34,679*

*Dept: Pathology and Laboratory Medicine*  
*Award: 5 F30 DC010522-02 (10062421)*

**Dammai, Vincent**

**Principal Investigator**

**Cellular Factors Promoting Renal Cell Carcinoma**

*Sponsor: NIH/NCI*  
*Budget Dates: 02/01/11 - 01/31/12*  
*Direct: $ 184,300*

*Dept: Pathology and Laboratory Medicine*  
*Award: 5 R01 CA128002-05 (10121464)*  
*Project Dates: 02/01/11 - 01/31/12*  
*F & A: 84,778*

**Findlay, Victoria**

**Co-Investigator**

**Hematopoietic Stem Cell-Derived Carcinoma Associated Fibroblasts in Tumor**

*Pl: Amanda LaRue*  
*Sponsor: NIH/NCI*  
*Total: $ 207,499*

*Dept: Pathology and Laboratory Medicine*  
*Award: 1 R01 CA148772-01A1 (10030201)*

**Francis, Shimon**

**Principal Investigator**

**NRSA Predoctoral Fellowship (F31) to Promote Diversity**

*Sponsor: NIH/NIDCD*  
*Budget Dates: 02/07/11 - 07/06/11*  
*Direct: $ 19,496*

*Dept: Pathology and Laboratory Medicine*  
*Award: 5 F31 DC010559-02 (10121053)*  
*Project Dates: 02/07/10 - 07/06/11*  
*F & A: 0*
Gong, Yong-Zhong

Co-Investigator
A Novel VEGF Signaling Pathway Leading to Mitochondrial Biogenesis
PI: Robin Muise-Helmericks  Sponsor: NIH/NHLBI  Total: $ 200,000
Dept: Regenerative Medicine and Cell Biology  Award: 5 R01 HL084565-05 (10110520-1)

LaRue, Amanda

Principal Investigator
Fracture Repair by Mouse and Human Hematopoietic Stem Cells
Sponsor: VAMC  Dept: Regenerative Medicine and Cell Biology
PI: Yong Wang  Sponsor: NIH/NHLBI  Total: $ 150,000
Award: BX000333 (09070111)  Project Dates: 04/01/11 - 03/31/12  Direct: $ 261,800
Hematopoietic Stem Cell-Derived Carcinoma Associated Fibroblasts in Tumor
Sponsor: NIH/NCI  Dept: Pathology and Laboratory Medicine
PI: Judy Dubno  Sponsor: NIH/NIDCD  Total: $ 265,887
Award: 1 R01 CA148772-01A1 (10030201)  Project Dates: 02/01/11 - 01/31/16  F & A: 53,950

Lang, Hainan

Co-PI/Project Director
Experimental and Clinical Studies of Presbyacusis (Project 3)
PI: Judy Dubno  Sponsor: NIH/NIDCD
Dept: Otolaryngology  Award: 5 P50 DC000422-23 (10052598-6)

Lazarchick, John

Principal Investigator
Evaluation of the Cascade Abrazo Analyzer and DTM (Direct Thrombin Monitor) Test Card Bivalirudin
Sponsor: Helena Laboratories  Dept: Pathology and Laboratory Medicine
PI: Lawrence Afrin  Sponsor: Incyte Corp.
Award: POC10060abrazo (10071663)  Project Dates: 09/20/10 - 09/19/13  F & A: 8,168
Safety and Efficacy of Recombinant Factor VIII (N8) in Male Children Previously Treated with Haemophilia A
Sponsor: Novo Nordisk Pharmaceuticals
PI: Lawrence Afrin  Sponsor: Incyte Corp.
Award: NN7008-3545 (10090970)  Project Dates: 09/20/10 - 09/19/13  F & A: 36,672

Lewin, David

Co-Investigator
Mechanisms of H. Pylori-Induced Hypochlorhydria
PI: Adam Smolka  Sponsor: NIH/NIDDK
Dept: Medicine  Award: 2 R56 DK064371-05A2 (10022881-1)

Mehrotra, Meenal

Principal Investigator
Hematopoietic Stem Cell Transplantation in Osteogenesis Imperfecta
Sponsor: NIH/NIAMS  Dept: Medicine
PI: Adam Smolka  Sponsor: NIH/NIDDK
Award: 5 K01 AR059097-02 (11021689)  Project Dates: 04/01/10 - 03/31/13  F & A: 5,113
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<th>Project Title</th>
<th>Sponsor</th>
<th>Budget Dates</th>
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<tbody>
<tr>
<td>Moussa, Omar</td>
<td>The Role of Thromboxane A2 (TP) Receptor Beta in Bladder Cancer</td>
<td>NIH/NCI</td>
<td>04/01/11 - 03/31/12</td>
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<td>Nolte, Frederick</td>
<td>Clinical Validation of the Molecular-Based Automated BD MAXTM MRSA Assay for the Direct Detection of Methicillin-Resistant Staphylococcus Aureus (MRSA) in Nasal Specimens</td>
<td>Becton Dickinson</td>
<td>12/01/89 - 07/31/12</td>
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<tr>
<td>Ogawa, Makio</td>
<td>Inner Ear Ion Transport Mechanisms</td>
<td>NIH/NIDCD</td>
<td>04/01/10 - 03/31/11</td>
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<td>Schulte, Bradley</td>
<td>Inner Ear Ion Transport Mechanisms</td>
<td>NIH/NIDCD</td>
<td>04/01/11 - 03/31/12</td>
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<td>Sha, Suhua</td>
<td>Molecular Mechanisms in Noise-Induced Hearing Loss</td>
<td>NIH/NIDCD</td>
<td>07/01/10 - 03/31/11</td>
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<td>Moussa, Omar</td>
<td>SCRA Device Proposal</td>
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<td>Nolte, Frederick</td>
<td>Experimental and Clinical Studies of Presbyacusis (Project 3)</td>
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<td>Ogawa, Makio</td>
<td>HSC-Derived Fibroblasts in Normal and Diseased Valves</td>
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<td>Schulte, Bradley</td>
<td>NRSA Predoctoral Fellowship (F31) to Promote Diversity</td>
<td>NIH/NIDCD</td>
<td>04/01/11 - 03/31/12</td>
<td>$241,952</td>
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<th>NRSA Predoctoral Fellowship (F31) to Promote Diversity</th>
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<td>Sha, Suhua</td>
<td>Protection from Aminoglycoside Ootoxicity</td>
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<th>Molecular Mechanisms in Noise-Induced Hearing Loss</th>
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### Singh, Avtar

**Principal Investigator**

**AMP Kinase Activity in Stroke Injury**

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<th>Sponsor: VAMC</th>
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**Mechanisms of Krabbe Disease Pathobiology and Therapy**

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<th>Sponsor: NIH/NINDS</th>
<th>Budget Dates: 04/01/11 - 03/31/12</th>
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<td>Award: 1 R01 NS064195-01A2 (10072289)</td>
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**Nitrosylation Mechanisms for Protection against Neurovascular Inflammatory Injury**

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<th>Sponsor: NIH/NINDS</th>
<th>Budget Dates: 05/01/11 - 04/30/12</th>
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<td>Award: 1 R01 NS072511-01A1 (10110523)</td>
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**Development of S-Nitrosothiol-Based Therapy for Alzheimer's Disease**

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<th>Sponsor: VAMC</th>
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### Smith, Michael

**Co-Investigator**

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

<table>
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<tr>
<th>PI: Omar Moussa</th>
<th>Sponsor: NIH/NCI</th>
<th>Total: $186,750</th>
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<tr>
<td>Dept: Pathology and Laboratory Medicine</td>
<td>Award: 5 R01 CA127905-03 (11022218-1)</td>
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**The Role of Thromboxane A2 (TP) Receptor Beta in Bladder Cancer**

<table>
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<tr>
<th>PI: Omar Moussa</th>
<th>Sponsor: NIH/NCI</th>
<th>Total: $14,525</th>
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<tbody>
<tr>
<td>Dept: Pathology and Laboratory Medicine</td>
<td>Award: 5 R01 CA127905-03 (11022218-2)</td>
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### Spyropoulos, Demetri

**Principal Investigator**

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

<table>
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<tr>
<th>Sponsor: NIH/NICHD</th>
<th>Budget Dates: 09/01/10 - 08/31/12</th>
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<td>Award: 5 R03 HD060265-02 (08111703)</td>
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**Cancer Therapy-Induced Long Term Bone Marrow Injury**

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<th>Sponsor: Univ. of Arkansas</th>
<th>Budget Dates: 03/01/10 - 07/31/11</th>
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**Developmental Transcription Factors in Prostate Cancer**

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<th>Sponsor: Emory Univ.</th>
<th>Budget Dates: 03/01/11 - 02/29/12</th>
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**Mammary Gland Laterality in Normal and Neoplastic Development**

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<tr>
<th>Sponsor: Univ. of South Carolina</th>
<th>Budget Dates: 04/01/11 - 03/31/12</th>
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**Role of p38 MAPK in HSC Self-Renewal and Radiation-Induced Bone Marrow Injury Sub-Award from UAMS**

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<th>Sponsor: Univ. of Arkansas</th>
<th>Budget Dates: 09/01/10 - 08/31/11</th>
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**Co-Investigator**

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

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<th>PI: Roger Markwald</th>
<th>Sponsor: NIH/NCCR</th>
<th>Total: $193,875</th>
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<td>Dept: Regenerative Medicine and Cell Biology</td>
<td>Award: 5 P20 RR016434-10 (10042856-12)</td>
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**Expression and Function of Hemoglobin in Alveolar Epithelial Cells**

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<tr>
<th>PI: John Baatz</th>
<th>Sponsor: NIH/NHLBI</th>
<th>Total: $225,000</th>
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<td>Dept: Pediatrics</td>
<td>Award: 5 R01 HL085738-04 (10121466-1)</td>
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### Steed, Lisa

**Principal Investigator**

**Clinical Validation of the Molecular-Based Automated BD MAXTM MRSA Assay for the Direct Detection of Methicillin-Resistant Staphylococcus Aureus (MRSA) in Nasal Specimens**

<table>
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<tr>
<th>Sponsor: Becton Dickinson</th>
<th>Budget Dates: 11/18/10 - 10/31/11</th>
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**Copper Antimicrobial Research Program-FY2011**

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<th>PI: Michael Schmidt</th>
<th>Sponsor: Advanced Technology Institute</th>
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<td>Dept: Microbiology and Immunology</td>
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Turner, David

Co-Investigator

Hematopoietic Stem Cell-Derived Carcinoma Associated Fibroblasts in Tumor
PI: Amanda LaRue
Dept: Pathology and Laboratory Medicine
Sponsor: NIH/NCI
Total: $207,499
Award: 1 R01 CA148772-01A1 (10030201-1)

Wang, Yong

Principal Investigator

Targeting the ROS-p38 MAPK Pathway as a Novel Strategy for Stem Cell Expansion
Sponsor: NIH/NHLBI
Budget Dates: 12/15/10 - 11/30/11
Direct: $ 150,000
Award: 1 R21 HL106451-01 (10021607)
Project Dates: 12/15/10 - 11/30/12
F & A: 70,310

Watson, Dennis

Co-PI/Project Director

MUSC CCSG: Program 2: Cancer Genes and Molecular Regulation
PI: Andrew Kraft
Dept: Medicine
Sponsor: NIH/NCI
Total: $ 23,087
Award: 5 P30 CA138313-03 (11012102-13)

Co-Investigator

Molecular Mechanisms of the Impact of Fli-1 on Lupus
PI: Xian Zhang
Dept: Medicine
Sponsor: NIH/NIAMS
Total: $ 225,000
Award: 1 R01 AR056670-01A2 (09110294-1)

Hematopoietic Stem Cell-Derived Carcinoma Associated Fibroblasts in Tumor
PI: Amanda LaRue
Dept: Pathology and Laboratory Medicine
Sponsor: NIH/NCI
Total: $ 207,499
Award: 1 R01 CA148772-01A1 (10030201-1)

Targeting the CaSM Oncogene as a Novel Therapy for Pancreatic Cancer
PI: David Cole
Dept: Surgery
Sponsor: NIH/NCI
Total: $ 206,914
Award: 5 R01 CA123159-04 (10061540-1)

SCRA Device Proposal
PI: Perry Halushka
Dept: Cell and Molecular Pharmacology
Sponsor: SC Research Authority
Total: $ 30,912
Award: TO#058 (10092325-1)

Molecular Mechanisms of the Impact of Fli-1 on Lupus
PI: Xian Zhang
Dept: Medicine
Sponsor: NIH/NIAMS
Total: $ 202,500
Award: 5 R01 CA123159-04 (10061540-1)

Molecular Mechanisms of the Impact of Fli-1 on Lupus
PI: Xian Zhang
Dept: Medicine
Sponsor: NIH/NIAMS
Total: $ 13,500
Award: 5 R01 AR056670-02 (11012744-1)

The Role of Thromboxane A2 (TP) Receptor Beta in Bladder Cancer
PI: Omar Moussa
Dept: Pathology and Laboratory Medicine
Sponsor: NIH/NCI
Total: $ 186,750
Award: 5 R01 CA127905-03 (11022218-1)

The Role of Thromboxane A2 (TP) Receptor Beta in Bladder Cancer
PI: Omar Moussa
Dept: Pathology and Laboratory Medicine
Sponsor: NIH/NCI
Total: $ 14,525
Award: 5 R01 CA127905-03 (11022218-2)

Welsh, Cynthia

Co-Investigator

P I/I Intraventricular DepoCyt (OD#06-2348) in Glioblastoma (76, 730, 11/06)
PI: Bruce Frankel
Dept: Neurosciences
Sponsor: FDA
Total: $ 107,486
Award: 5 R01 FD003542-02 (10063074-1)

Wolff, Daynna

Principal Investigator

The Cancer Cytogenomic Microarray Quality Control (CCM-QC) Project
Sponsor: Cancer Cytogenomic Microarray Consortium
Budget Dates: 11/01/10 - 11/01/11
Direct: $ 5,000
Award: CCM-QC (10110939)
Project Dates: 11/01/10 - 11/01/11
F & A: 1,250

Mentor

Genome-Wide Analysis of Genetic Aberrations in Multiple Myeloma Using SNP Arrays
PI: Linsheng Zhang
Dept: Pathology and Laboratory Medicine
Sponsor: CAP Foundation
Total: $ 2,500
Award: (10101326-1)

Won, Je-Seong

Co-Investigator

Mechanisms of Krabbe Disease Pathobiology and Therapy
PI: Avtar Singh
Dept: Pathology and Laboratory Medicine
Sponsor: NIH/NINDS
Total: $ 218,750
Award: 1 R01 NS064195-01A2 (10072289-1)
### Zhang, Linsheng

**Principal Investigator**

**Genome-Wide Analysis of Genetic Aberrations in Multiple Myeloma Using SNP Arrays**

- **Sponsor**: CAP Foundation
- **Budget Dates**: 10/01/10 - 09/30/11
- **Direct**: $2,500
- **Award**: (10101326)

**Pediatrics**

### Atz, Andrew

**Principal Investigator**

**Phase III, Randomized, Double-Blind, Dose-Controlled, Multi-Center, Study Evaluating the Safety and Efficacy of Dexmedetomidine in Intubated and Mechanically Ventilated Pediatric Intensive Care Unit Subjects**

- **Sponsor**: Hospira, Inc.
- **Budget Dates**: 07/13/10 - 06/30/12
- **Direct**: $334,250
- **Award**: DEX-08-05 (10071224)

**A Phase II/III, Open-Label, Multi-Center, Safety, Efficacy and Pharmacokinetic Study of Dexmedetomidine in Neonates Ages 28 Weeks to 44 Weeks Gestational Age**

- **Sponsor**: Pharmaceutical Research Associates
- **Budget Dates**: 02/14/11 - 02/13/13
- **Direct**: $72,931
- **Award**: DEX-09-08 (11012748)

### Baatz, John

**Principal Investigator**

**Alligator Proteomic Expression Profiles: MINWR versus LWNWR**

- **Sponsor**: SC Space Grant Consortium
- **Budget Dates**: 07/01/10 - 06/30/12
- **Direct**: $30,000
- **Award**: 520829 (10022967)

**Expression and Function of Hemoglobin in Alveolar Epithelial Cells**

- **Sponsor**: NIH/NHLBI
- **Budget Dates**: 02/01/11 - 01/31/12
- **Direct**: $225,000
- **Award**: 5 R01 HL085738-04 (10121466)

### Basco, William

**Principal Investigator**

**NRSA for Primary Care Medical Care: Developing Primary Care Researchers Using Research Network**

- **Sponsor**: HRSA
- **Budget Dates**: 07/01/10 - 06/30/12
- **Direct**: $272,410
- **Award**: 6 T32HP10255-03 (10042237)

**Academic Administrative Units in Primary Care**

- **Sponsor**: HRSA
- **Budget Dates**: 09/01/10 - 08/31/11
- **Direct**: $157,410
- **Award**: D5AHP19900 (10052717)

**Affordable Care Act: Primary Care Residency Expansion**

- **Sponsor**: HRSA
- **Budget Dates**: 09/30/10 - 09/29/11
- **Direct**: $148,148
- **Award**: 1 TB9HP20830-01-00 (10071662)

**Assessment of Pediatric Look-Alike, Sound-Alike (LASA) Substitution Errors**

- **Sponsor**: AHRQ
- **Budget Dates**: 04/01/11 - 03/31/12
- **Direct**: $33,898
- **Award**: 5 R03 HS018841-02 (11012633)

### Bowlby, Deborah

**Principal Investigator**

**Increlex Growth Forum Database - IGFD Registry: A Patient Registry for Monitoring Long-Term Safety and Efficacy of Increlex**

- **Sponsor**: Tercica, Inc.
- **Budget Dates**: 12/04/06 - 12/03/14
- **Direct**: $5,834
- **Award**: MS 305 (07012514)

**Recombinant Human Growth Hormone and Recombinant Human Insulin-Like Growth Factor-1 Combination Therapy in Children with Short Stature Associated with IGF-1 Deficiency: A Three-Year, Randomized, Multi-Center, Open-Label, Parallel-Group, Active Treatment Controlled, Dose Selection Trial**

- **Sponsor**: Tercica, Inc.
- **Budget Dates**: 01/17/08 - 01/31/12
- **Direct**: $24,828
Annual Report for Research FY2011

Research Faculty Activity

College of Medicine

Pediatrics

Bowlby, Deborah

Principal Investigator

Award: MS316 (08013059)  
Project Dates: 01/17/08 - 01/31/12  
F & A: 6,207

SEARCH for Diabetes in Youth, Phase 3: Cohort Study - Carolina Center

Sponsor: Univ. of North Carolina  
Budget Dates: 09/30/10 - 09/29/11  
Direct: $60,792

Award: 5-52857/U18 DP002708-01 (10032616)  
Project Dates: 09/30/10 - 09/29/15  
F & A: 28,876

Carpenter, Laura

Co-Investigator

Biomarkers in Autism of Aripiprazole and Risperidone Treatment (BAART)

Pl: C. Devane  
Sponsor: NIH/NICHD  
Total: $461,289

Dept: Psychiatry and Behavioral Sciences  
Award: 1 R01 HD062550-01A1 (09110202-1)

Charles, Jane

Principal Investigator

SC Autism and Developmental Disabilities Monitoring Project

Sponsor: CDC  
Budget Dates: 06/01/11 - 05/31/12  
Direct: $364,239

Award: 5 UR3 DD000682-02 (11022850)  
Project Dates: 06/01/10 - 05/31/11  
F & A: 114,735

Strengthening State and Community Systems for Early Identification and Intervention for Children with Autism Spectrum Disorders in South Carolina

Sponsor: Univ. of South Carolina  
Budget Dates: 04/01/11 - 11/30/11  
Direct: $7,955

Award: 11-1954/2011-01-0127-08 (11031863)  
Project Dates: 04/01/11 - 11/30/11  
F & A: 0

Co-Investigator

Biomarkers in Autism of Aripiprazole and Risperidone Treatment (BAART)

Pl: C. Devane  
Sponsor: NIH/NICHD  
Total: $461,289

Dept: Psychiatry and Behavioral Sciences  
Award: 1 R01 HD062550-01A1 (09110202-1)

Dixon, Terry

Principal Investigator

Voriconazole and Anidulafungin Combination for Invasive Aspergillosis in Pediatric Subjects

Sponsor: Pfizer, Inc.  
Budget Dates: 11/15/10 - 04/30/13  
Direct: $34,780

Award: A1501095 (10120945)  
Project Dates: 11/15/10 - 04/30/13  
F & A: 7,820

Ellenberger, Shayla

Co-PI/Project Director

Safety and Efficacy of Recombinant Factor VIII (NB) in Male Children Previously Treated with Haemophilia A

Pl: John Lazarchick  
Dept: Pathology and Laboratory Medicine  
Award: NN7008-3545 (10090970-1)

Safety and Efficacy of Recombinant Factor VIII (NB) in Male Children Previously Treated with Haemophilia A

Pl: John Lazarchick  
Dept: Pathology and Laboratory Medicine  
Award: NN7008-3545 (10090970-2)

Forbus, Geoffrey

Co-Investigator

Randomized Clinical Trials for Pediatric Heart Disease

Pl: J. Saul  
Dept: Pediatrics  
Total: $194,200

Award: 5 U01 HL068281-10 (10070178-1)

Fowler, Sandra

Principal Investigator

An Open-Label, Prospective, Pharmacokinetic/Pharmacodynamic and Safety Evaluation of Intravenous Oseltamivir (Tamiflu) in the Treatment of Children 1 to 12 Years of Age with Confirmed Influenza Infection

Sponsor: Hoffman-Laroche, Inc.  
Budget Dates: 01/15/10 - 09/30/13  
Direct: $826

Award: NP25139 (10011504)  
Project Dates: 01/15/10 - 09/30/13  
F & A: 206

SC Children's AIDS Care System

Sponsor: SC DHEC  
Budget Dates: 08/01/10 - 07/31/11  
Direct: $132,345

Award: HV-1-014 (10073020)  
Project Dates: 08/01/10 - 07/31/11  
F & A: 13,233

Gustafson, Kristina

Principal Investigator

Safety First: Implementing Bright Futures Evidence Based Curriculum in a Pediatric Residency Continuity Clinic

Sponsor: Academic Pediatric Assoc.  
Budget Dates: 03/01/09 - 12/31/11  
Direct: $15,000

Award: (11050469)  
Project Dates: 03/01/09 - 12/31/11  
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<td>Experimental and Clinical Studies of Presbyacusis (Core B)</td>
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<td>Transatlantic Networks of Excellence Program: Multi-Scale Modeling of Single Ventricle Hearts for Clinical Decision Support</td>
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<td>Establishing the Vitamin D Requirements During Lactation</td>
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<td>Randomized Trial of Maternal Vitamin D Supplementation to Prevent Childhood Asthma</td>
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<td>Three-Year, Follow-Up Study of a Vitamin D Supplementation Pregnancy Cohort in South Carolina</td>
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<td>A 5-Year, Prospective, Non-Interventional, Multi-Center Registry in Sickle Cell Disease Patients</td>
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<td>The Role of Minimal Residual Disease Testing before and after Hematopoietic Cell Transplantation for Pediatric Acute Myeloid Leukemia</td>
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### Hulsey, Thomas

**Co-Investigator**  
**Environmental Determinants of Autoimmunity among African Americans in Coastal SC - PARENT**  
**PI:** Diane Kamen  
**Dept:** Medicine  
**Sponsor:** NIH/NIEHS  
**Award:** 5 R21 ES017934-02 (10051095-1)  
**Total:** $229,668

**Environmental Determinants of Autoimmunity among African Americans in Coastal SC (DIVERSITY SUPPLEMENT)**  
**PI:** Diane Kamen  
**Dept:** Medicine  
**Sponsor:** NIH/NIEHS  
**Award:** 5 R21 ES017934-02 (10051095-2)  
**Total:** $84,553

**Establishing the Vitamin D Requirements During Lactation**  
**PI:** Bruce Hollis  
**Dept:** Pediatrics  
**Sponsor:** NIH/NICHD  
**Award:** 5 R01 HD047511-05 (10051095-1)  
**Total:** $398,158

**Environmental Determinants of Autoimmunity among African Americans in Coastal SC (DIVERSITY SUPPLEMENT)**  
**PI:** Diane Kamen  
**Dept:** Medicine  
**Sponsor:** NIH/NIEHS  
**Award:** 5 R01 HD047511-05 (10051095-2)  
**Total:** $398,158

**South Carolina Clinical and Translational Research Institute (UL1)**  
**PI:** Kathleen Brady  
**Dept:** Psychiatry and Behavioral Sciences  
**Sponsor:** NIH/NCRR  
**Award:** 5 UL1 RR029882-03 (1012750-1)  
**Total:** $2,477,854

**Trans-Generational Impact of Maternal Obesity and Diabetes on Health Disparities**  
**PI:** Kelly Hunt  
**Dept:** Medicine  
**Sponsor:** Clemson Univ.  
**Award:** 1357-209-20075551 (11042946-1)  
**Total:** $81,582

### Jackson, Sherron

**Principal Investigator**  
**Pediatric Hydroxyurea Phase III, Clinical Trial - BabyHug - FOLLOW-UP**  
**Sponsor:** NIH/NHLBI  
**Budget Dates:** 07/01/10 - 06/30/12  
**Direct:** $6,884  
**F & A:** 2,960

**Stroke with Transfusions Changing to Hydroxyurea (SWITCH)**  
**Sponsor:** St. Jude Childrens Hospital  
**Budget Dates:** 08/01/10 - 03/15/11  
**Direct:** $15,371  
**F & A:** 6,446

**Twitch: A Phase III, Randomized, Clinical Trial to Compare Standard Therapy (Erythrocyte Transfusions) to Alternative Therapy (Hydroxyurea) for the Prevention of Primary Stroke in Pediatric Subjects with Sickle Cell Anemia and Abnormal TCD Velocities**  
**Sponsor:** St. Jude Childrens Hospital  
**Budget Dates:** 08/01/10 - 03/15/11  
**Direct:** $48,454  
**F & A:** 10,548

### Jenkins, Dorothea

**Principal Investigator**  
**Safety of N-Acetylcysteine in Maternal Chorioamnionitis**  
**Sponsor:** NIH/NINDS  
**Budget Dates:** 02/01/09 - 07/31/11  
**Direct:** $44,160  
**F & A:** 0

**Key, Janice**

**Principal Investigator**  
**Sea Island Teen Opportunity for Prevention Programs (STOPP)**  
**Sponsor:** New Morning Fdn.  
**Budget Dates:** 07/01/10 - 06/30/11  
**Direct:** $181,818  
**F & A:** 18,182

**Co-PI/Project Director**  
**Southeastern Virtual Institute for Health Equity and Wellness (SE VIEW) - Project 3**  
**PI:** Sabra Slaughter  
**Dept:** Presidents Office  
**Sponsor:** US Army/USAMRAA  
**Award:** W81XWH-10-2-0057 (10071968-4)  
**Total:** $181,522

**Co-Investigator**  
**Charleston County Teen and Family EMPOWERR Program**  
**PI:** Carla Danielson  
**Dept:** Psychiatry and Behavioral Sciences  
**Sponsor:** SAMHSA  
**Award:** 5 U79 SP015156-03 (10030521-1)  
**Total:** $258,839

### Khan, Mush

**Principal Investigator**  
**Nitrosylation Mechanisms for Protection against Neurovascular Inflammatory Injury**  
**PI:** Avtar Singh  
**Dept:** Pathology and Laboratory Medicine  
**Sponsor:** NIH/NINDS  
**Award:** 1 R01 NS072511-01A1 (10110523-1)  
**Total:** $218,750

**Fatty Acid Oxidation in X-Linked Adrenoleukodystrophy**  
**PI:** Inderjit Singh  
**Dept:** Pediatrics  
**Sponsor:** NIH/NINDS  
**Award:** 5 R01 NS022576-26 (10122102-1)  
**Total:** $196,875
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<td>Fatty Acid Oxidation in X-Linked Adrenoleukodystrophy</td>
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<td>Trial of Late SURfactant (TOLSURF) to Prevent BPD</td>
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<td>Metabolomic Profiling of Bioactive Sphingolipids in Neuroblastoma</td>
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### Additional Projects

- **Teaching Vaccine Safety Through the TIDE Curriculum**
  - Sponsor: Academic Pediatric Assoc.
  - Budget Dates: 09/30/10 - 09/29/11
  - Direct: $28,610
  - F & A: $2,289

- **Peroxisomal Function in Renal Ischemia**
  - Sponsor: Dialysis Clinics, Inc.
  - Budget Dates: 06/01/10 - 07/31/12
  - Direct: $80,000
  - F & A: $0

- **Data Registry**
  - Sponsor: Genzyme Corp.
  - Budget Dates: 04/01/08 - 03/31/12
  - Direct: $19,060
  - F & A: $4,640

- **Parent and Physician Attitudes Toward Muscular Dystrophy and Spinal Muscular Atrophy Newborn Screening**
  - Sponsor: BioChem Genetics, LLC
  - Budget Dates: 04/01/11 - 03/31/12
  - Direct: $10,000
  - F & A: $4,750

- **Pediatric Grand Rounds - Pompe Disease**
  - Sponsor: Genzyme Corp.
  - Budget Dates: 05/26/11 - 09/30/12
  - Direct: $3,000
  - F & A: $0

- **Biomarkers in Autism of Aripiprazole and Risperidone Treatment (BAART)**
  - PI: C. Devane
  - Sponsor: NIH/NICHD
  - Budget Dates: 04/01/08 - 03/31/12
  - Direct: $461,289

- **Cytokines in Glial Cells and EAE Brain**
  - PI: Inderjit Singh
  - Sponsor: NIH/NINDS
  - Budget Dates: 06/06/10 - 07/31/12
  - Direct: $196,875
  - F & A: $17,500

- **Multidisciplinary Clinical Research Center**
  - Sponsor: Cincinnati Childrens Hospital
  - Budget Dates: 08/01/09 - 07/31/10
  - Direct: $2,033
  - F & A: $967

- **Adolescent Fibromyalgia Study**
  - Sponsor: INC Research, Inc.
  - Budget Dates: 08/06/10 - 07/31/12
  - Direct: $84,706
  - F & A: $20,426

- **Pregabalin in Adolescent Patients with Fibromyalgia**
  - Sponsor: INC Research, Inc.
  - Budget Dates: 08/06/10 - 07/31/12
  - Direct: $52,326
  - F & A: $12,331

- **ACR Research and Education Foundation/Abbott Medical Student Clinical Preceptorship-Hugh Wright**
  - Sponsor: Amer. College of Rheumatology
  - Budget Dates: 07/01/10 - 06/30/11
  - Direct: $1,000
  - F & A: $0

- **Multidisciplinary Clinical Research Center**
  - Sponsor: Cincinnati Childrens Hospital
  - Budget Dates: 08/01/10 - 07/31/11
  - Direct: $4,085
  - F & A: $3,155

- **The Genetics and Neuroendocrinology of Short Stature International Study**
  - Sponsor: Lilly Research Laboratories
  - Budget Dates: 04/01/09 - 03/31/15
  - Direct: $35,443
  - F & A: $8,861

- **Norditropin National Registry Agreement**
  - Sponsor: Novo Nordisk Pharmaceuticals
  - Budget Dates: 08/09/05 - 12/31/19
  - Direct: $56,800
  - F & A: $14,200
Purohit, Dilip  
**Principal Investigator**  
**Perinatal Regional Systems Development**  
**Sponsor:** SC DHEC  
**Budget Dates:** 07/01/10 - 06/30/11  
**Direct:** $164,666  
**Award:** MC-0-188 (10052820)  
**Project Dates:** 07/01/09 - 06/30/11  
**F & A:** $0  

Reddy, Sakamuri  
**Principal Investigator**  
**Osteoclast Inhibitory Peptide-1 Therapy for Paget’s Disease**  
**Sponsor:** DOD  
**Budget Dates:** 08/01/10 - 07/31/11  
**Direct:** $259,319  
**Award:** W81XWH-09-1-0548 (08062722)  
**Project Dates:** 08/01/09 - 07/31/12  
**F & A:** $0  

**Microgravity Modulation of Osteoclast Differentiation**  
**Sponsor:** Coll. of Charleston  
**Budget Dates:** 05/01/11 - 04/30/12  
**Direct:** $30,000  
**Award:** 19-SG-MUSC_Reddy-RGP (11012086)  
**Project Dates:** 05/01/11 - 04/30/12  
**F & A:** $0  

Reed, John  
**Principal Investigator**  
**Single Ventricle Reconstruction Trial Extension Study - Holter Core Laboratory**  
**Sponsor:** New England Research Institutes  
**Budget Dates:** 07/01/10 - 08/31/11  
**Direct:** $6,300  
**Award:** U01 HL68270 (10072701)  
**Project Dates:** 07/01/10 - 08/31/15  
**F & A:** $1,764  

Reigart, II, John  
**Co-PI/Project Director**  
**Academic Administrative Units in Primary Care**  
**PI:** William Basco  
**Sponsor:** HRSA  
**Total:** $157,410  
**Dept:** Pediatrics  
**Award:** D5AHP19900 (10052717-1)  

Roberts, James  
**Principal Investigator**  
**Integrating Environmental Management of Pediatric Asthma Into Health Care: Creating Faculty Champions at Medical Schools and Outreach to the Health Care Community**  
**Sponsor:** National Environmental Education Fdn.  
**Budget Dates:** 10/01/10 - 09/30/11  
**Direct:** $8,333  
**Award:** (10101432)  
**Project Dates:** 10/01/09 - 09/30/11  
**F & A:** $1,667  

**Pediatric Asthma Faculty Champions Initiative (CDC)**  
**Sponsor:** National Environmental Education Fdn.  
**Budget Dates:** 04/01/11 - 06/30/11  
**Direct:** $4,167  
**Award:** 1 UE 1E0000761-01 (11041382)  
**Project Dates:** 04/01/11 - 06/30/11  
**F & A:** $833  

**Pediatric Asthma Faculty Champions Initiative (EPA)**  
**Sponsor:** National Environmental Education Fdn.  
**Budget Dates:** 05/01/11 - 09/30/11  
**Direct:** $16,667  
**Award:** XA83311501-4 (11041594)  
**Project Dates:** 05/01/11 - 09/30/11  
**F & A:** $3,333  

**Co-Investigator**  
**Academic Administrative Units in Primary Care**  
**PI:** William Basco  
**Dept:** Pediatrics  
**Total:** $157,410  
**Award:** D5AHP19900 (10052717-1)  

Ruth, Natasha  
**Principal Investigator**  
**Randomized, Placebo, Phase Study of Rilonacept in the Treatment of Systemic Juvenile Idiopathic Arthritis (RAPPORT)**  
**Sponsor:** Montefiore Medical Center  
**Budget Dates:** 01/01/09 - 10/14/11  
**Direct:** $2,113  
**Award:** HHSN268200700015C (09042732)  
**Project Dates:** 01/01/09 - 10/14/11  
**F & A:** $887  

**Childhood Arthritis and Research Alliance Network (CARRANet) Accelerating Toward an Evidence Based Culture in Pediatric Rheumatology**  
**Sponsor:** Duke Univ.  
**Budget Dates:** 09/02/10 - 08/31/12  
**Direct:** $9,056  
**Award:** 16519/1 RC2 AR058934 (10071437)  
**Project Dates:** 09/02/10 - 08/31/12  
**F & A:** $4,301  

Saul, J.  
**Principal Investigator**  
**Research Training in Pediatric Cardiology**  
**Sponsor:** NIH/NHLBI  
**Budget Dates:** 07/01/10 - 06/30/11  
**Direct:** $334,109  
**Award:** 2 T32 HL007710-16A1 (09092925)  
**Project Dates:** 07/01/10 - 06/30/15  
**F & A:** $23,510  

**Dr. Andrew Atz Study Chair: Fontan and Fontan 2 Studies**  
**Sponsor:** New England Research Institutes  
**Budget Dates:** 09/01/10 - 08/31/11  
**Direct:** $49,925  
**Award:** U01 HL068270 (10042963)  
**Project Dates:** 09/01/10 - 08/31/11  
**F & A:** $13,979  

**Randomized Clinical Trials for Pediatric Heart Disease**  
**Sponsor:** NIH/NHLBI  
**Budget Dates:** 09/01/10 - 08/31/11  
**Direct:** $194,200  
**Award:** 5 U01 HL068281-10 (10070178)  
**Project Dates:** 09/01/10 - 08/31/11  
**F & A:** $89,332
### Saul, J.
**Principal Investigator**

**NERI/NIH Site Service Agreements**  
Sponsor: New England Research Institutes  
Award: U01 HL68270 (10082308)  
**Budget Dates:** 07/01/10 - 01/31/14  
**Direct:** $2,930

**Shanmugarajan, Sriniva**  
**Co-Investigator**  

**Osteoclast Inhibitory Peptide-1 Therapy for Paget's Disease**  
Pl: Sakamuri Reddy  
Dept: Pediatrics  
**Sponsor:** DOD  
**Budget Dates:** 06/01/08 - 01/31/14  
**Direct:** $820

### Shatat, Ibrahim

**Principal Investigator**

**PROMIS Pediatrics: Longitudinal Validation and Linking Pediatric and Adult Item Banks**  
Sponsor: Univ. of Michigan  
Award: PO300150661/5-30462/2U01A (10072697)  
**Budget Dates:** 06/01/10 - 07/31/11  
**Direct:** $3,153

### Shirali, Girish

**Co-Investigator**

**Randomized Clinical Trials for Pediatric Heart Disease**  
Pl: J. Saul  
Dept: Pediatrics  
**Sponsor:** NIH/NHLBI  
**Budget Dates:** 06/01/10 - 07/31/14  
**Direct:** $259,319

### Singh, Inderjit

**Principal Investigator**

**Cytokines in Glial Cells and EAE Brain**  
Sponsor: NIH/NINDS  
Award: 5 R01 NS037766-12 (10101428)  
**Budget Dates:** 12/01/10 - 11/30/11  
**Direct:** $214,375

**Fatty Acid Oxidation in X-Linked Adrenoleukodystrophy**  
Sponsor: NIH/NINDS  
Award: 5 R01 NS022576-26 (10122102)  
**Budget Dates:** 02/01/11 - 01/31/12  
**Direct:** $214,375

**Neuroprotection and Myelin Repair Mechanisms in Multiple Sclerosis**  
Sponsor: VAMC  
Award: BX001072 (12020265)  
**Budget Dates:** 10/01/10 - 09/30/14  
**Direct:** $237,800

**Co-PI/Project Director**

**Peroxisomal Function in Renal Ischemia**  
Pl: John Orak  
Dept: Pediatrics  
**Sponsor:** Dialysis Clinics, Inc.  
**Budget Dates:** 09/09/85 - 01/31/15  
**Direct:** $101,828

**Co-Investigator**

**Effects of Simvastatin on the Bladder Function of Spinal Cord-Injured Rats**  
Pl: J. Purves  
Dept: Urology  
**Sponsor:** SC Spinal Cord Injury Fund  
**Budget Dates:** 10/01/10 - 09/30/14  
**Direct:** $29,896

### Spratt, Eve

**Principal Investigator**

**Training CED/COR Pediatric and Child Psychiatry**  
Sponsor: HRSA  
Award: 5 T20 MC07467-05 (10042962)  
**Budget Dates:** 07/01/10 - 06/30/11  
**Direct:** $13,889

**Co-Investigator**

**Biomarkers in Autism of Aripiprazole and Risperidone Treatment (BAART)**  
Pl: C. Devane  
Dept: Psychiatry and Behavioral Sciences  
**Sponsor:** NIH/NICHD  
**Budget Dates:** 07/01/07 - 06/30/12  
**Direct:** $15,000

### Taylor, Sarah

**Principal Investigator**

**Identifying Vitamin D Deficiency and Effects in Very Low Birth Weight (VLBW) Infants**  
Sponsor: NIH/NCRR  
Award: 5 K23 RR021891-04 (10051098)  
**Budget Dates:** 07/01/10 - 06/30/12  
**Direct:** $122,946
Virella-Lowell, Isabel

**Principal Investigator**

**08-116: A Phase 2, Multi-Center, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, 7 Day Safety and Tolerability of Denufosol Tetrasodium Inhalation Solution Administered via PARI LC Star in Patients 2 to 4 Years of Age with Cystic Fibrosis**

| Sponsor: Inspire Pharmaceuticals, Inc. | Budget Dates: 06/16/10 - 06/30/11 | Direct: $3,142 |
| Award: 08-116 (10062314) | Project Dates: 06/16/10 - 06/30/11 | F & A: 785 |

**Co-PI/Project Director**

**CFF Patient Registry**

| Sponsor: Cystic Fibrosis Fdn. | Total: $77,320 |
| Award: C104-10 (10062307-1) |

**Therapeutics Development Center (TDC)**

| Sponsor: Cystic Fibrosis Fdn. Therapeu | Total: $78,400 |
| Award: C104-TDC09Y (10102568-1) |

**Wagner, Carol**

**Principal Investigator**

**Three-Year, Follow-Up Study of a Vitamin D Supplementation Pregnancy Cohort in South Carolina**

| Sponsor: Thrasher Research Fund | Budget Dates: 12/01/10 - 11/30/11 | Direct: $134,665 |
| Award: 09091142 | Project Dates: 12/01/09 - 11/30/12 | F & A: 9,280 |

**Co-Investigator**

**Impact of Vitamin D on Diabetic Kidney Disease in African Americans**

| Sponsor: NIH/NIDDK | Total: $126,864 |
| Award: 1 R03 DK089120-01 (09100991-1) |

**Trial of Late SURfactant (TOLSURF) to Prevent BPD**

| Sponsor: Univ. of California, San Franc | Total: $12,500 |
| Award: 6172sc/U01 HL094338-01 (10052077-1) |

**Trial of Late SURfactant (TOLSURF) to Prevent BPD**

| Sponsor: Univ. of California, San Franc | Total: $5,085 |
| Award: 6172sc/U01 HL094338-01 (10052077-2) |

**Establishing the Vitamin D Requirements During Lactation**

| Sponsor: NIH/NICHD | Total: $398,158 |
| Award: 5 R01 HD047511-05 (10052824-1) |

**South Carolina Clinical and Translational Research Institute (UL1)**

| Sponsor: NIH/NCRR | Total: $2,477,854 |
| Award: 5 UL1 RR029882-03 (11012750-1) |

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### Psychiatry and Behavioral Sciences

**Acieno, Ron**

**Principal Investigator**

**Randomized, Controlled Trial of Sertraline, Prolonged Exposure Therapy and Their Combination of OEF/OIF with PTSD**

| Sponsor: Univ. of Michigan | Budget Dates: 12/01/10 - 11/30/11 | Direct: $367,774 |
| Award: V-SUBMUSC-11-30/W81XWH-11 (10030416) | Project Dates: 12/01/10 - 11/30/15 | F & A: 95,623 |
### Acierno, Ron

**Principal Investigator**

**Sexual Assault and Domestic Violence Intervention: Training Program for Students in Health Professions**
- **Sponsor:** SC Dept. of Public Safety
- **Budget Dates:** 10/01/10 - 09/30/11
- **Direct:** $72,592
- **Award:** 1K10022 (10051114)

**Innovative Treatment for Female Victims of Military Sexual Trauma (MST)**
- **Sponsor:** SC Dept. of Public Safety
- **Budget Dates:** 10/01/10 - 09/30/11
- **Direct:** $32,422
- **Award:** 1K509030 (10051331)

**Prolonged Exposure (PE) for PTSD: Telemedicine versus In Person**
- **Sponsor:** VAMC
- **Budget Dates:** 07/01/10 - 06/30/11
- **Direct:** $236,100
- **Award:** HX000152 (10051966)

**Genetic and Environmental Risk/Resilience Factors for PTSD in OEF/OIF Veterans**
- **Sponsor:** VAMC
- **Budget Dates:** 10/01/10 - 09/30/11
- **Direct:** $137,100
- **Award:** CX000155 (12020256)

**Co-PI/Project Director**

**Innovative Service Delivery for Secondary Prevention of PTSD in at-Risk OIF-OEF Service Men and Women**
- **PI:** Thomas Uhde
- **Sponsor:** Charleston Research Institute
- **Total:** $84,867

**Co-Investigator**

**Trauma Management Therapy for OEF and OIF Combat Veterans**
- **PI:** Thomas Uhde
- **Sponsor:** Univ. of Central Florida
- **Total:** $303,106

**Integrated Treatment of OEF/OIF Veterans with PTSD and Substance Use Disorders**
- **PI:** Sudie Back
- **Sponsor:** NIH/NIDA
- **Total:** $259,735

**Exposure Therapy with and without Simultaneous TMS for PTSD**
- **PI:** Heidi Resnick
- **Sponsor:** NIH/NIDA
- **Total:** $502,942

**Prevention of Posttrauma Drug Abuse: Replication Study (Diversity Supplement)**
- **PI:** Heidi Resnick
- **Sponsor:** NIH/NIDA
- **Total:** $48,000

**Assistance to Firefighters Grant Program - Fire Prevention and Safety Grants**
- **PI:** Kenneth Ruggiero
- **Sponsor:** Department of Homeland Sec
- **Total:** $368,946

**Integrated Treatment of OEF/OIF Veterans with PTSD and Substance Use Disorders**
- **PI:** Sudie Back
- **Sponsor:** NIH/NIDA
- **Total:** $230,811

**Mentor**

**Trauma-Related Olfactory Cues in Posttraumatic Stress Disorder**
- **PI:** Bernadette Cortese
- **Sponsor:** NIH/NIMH
- **Total:** $137,006

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### Amstadter, Ananda

**Co-PI/Project Director**

**Web-Based Intervention for Disaster-Affected Youth and Families (Revision to R01MH081056)**
- **PI:** Kenneth Ruggiero
- **Sponsor:** NIH/NIMH
- **Total:** $187,662

**Co-Investigator**

**Evaluation of Novel PTSD Risk Assessment Tools for Disaster-Exposed Youth**
- **PI:** Carla Danielson
- **Sponsor:** NIH/NIMH
- **Total:** $104,700

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### Anderson, Berry

**Co-Investigator**

**Exposure Therapy with and without Simultaneous TMS for PTSD**
- **PI:** Mark George
- **Sponsor:** US Army/USAMRAA
- **Total:** $126,044
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<td>Role of Amygdala Glutamate in Tolerance to the Aversive Effects of Ethanol</td>
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<td>Chronic LY2456302 Effects on Expression of Ethanol Withdrawal Convulsions</td>
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<td>Ethanol Dependence and Stress Effects on Ethanol Drinking: CRF and Neurosteroids</td>
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### Becker, Howard

**Principal Investigator**

**Role of BDF in Ethanol Dependence and Escalation of Drinking**

**Sponsor:** VAMC  
**Budget Dates:** 04/01/11 - 03/31/12  
**Direct:** $200,000  
**Award:** BX000813 (12020257)  
**Project Dates:** 04/01/11 - 03/31/14  
**F & A:** 0

**Co-PI/Project Director**

**Alcohol Research Center - Treatment and Implications (Shared)**

**Pl:** Carrie Randall  
**Dept:** Psychiatry and Behavioral Sciences  
**Sponsor:** NIH/NIAAA  
**Total:** $239,836

**Alcohol Research Center - Treatment and Implications (RC1)**

**Pl:** Carrie Randall  
**Dept:** Psychiatry and Behavioral Sciences  
**Sponsor:** NIH/NIAAA  
**Total:** $141,320

**Co-Investigator**

**Ethanol Sensitivity of Native and Cloned NMDA Receptors**

**Pl:** John Woodward  
**Dept:** Neurosciences  
**Sponsor:** NIH/NIAAA  
**Total:** $247,500

**Bernstein, Hilary**

**Co-Investigator**

**Methylphenidate-Ethanol Interactions in ADHD and Co-Abuse**

**Pl:** Kenneth Patrick  
**Dept:** Pharmaceutical and Biomedical Science  
**Sponsor:** NIH/NIAAA  
**Total:** $194,662

**Best, Connie**

**Co-Investigator**

**Psychological Adjustment Following Coastal Disasters: Risk and Protective Factors for Families and Web-Based Curriculum Development**

**Pl:** Kenneth Ruggiero  
**Dept:** Psychiatry and Behavioral Sciences  
**Sponsor:** Louisiana State University  
**Total:** $10,377

**Assistance to Firefighters Grant Program - Fire Prevention and Safety Grants**

**Pl:** Kenneth Ruggiero  
**Dept:** Psychiatry and Behavioral Sciences  
**Sponsor:** Department of Homeland Sec  
**Total:** $368,946

**Book, Sarah**

**Co-PI/Project Director**

**Phased Treatment for Social Anxiety and Hazardous Drinking**

**Pl:** Carrie Randall  
**Dept:** Psychiatry and Behavioral Sciences  
**Sponsor:** NIH/NIAAA  
**Total:** $388,550

**Co-Investigator**

**Drug Abuse Research Training**

**Pl:** Sudie Back  
**Dept:** Psychiatry and Behavioral Sciences  
**Sponsor:** NIH/NIDA  
**Total:** $296,476

**Borckardt, Jeffrey**

**Principal Investigator**

**Identifying Cortical, Subcortical and Functional Neural Networks Associated with Weight Gain Following Gastric-Bypass Surgery**

**Sponsor:** The Obesity Society  
**Budget Dates:** 02/01/11 - 01/31/12  
**Direct:** $24,758  
**Award:** (10012132)  
**Project Dates:** 02/01/10 - 01/31/11  
**F & A:** 0

**Co-Investigator**

**Transcranial Direct Current Brain Stimulation (tDCS) to Decrease Post-ERCP Pain: A Randomized Double-Blind Trial**

**Pl:** Joseph Romagnuolo  
**Dept:** Medicine  
**Sponsor:** Amer. Society for Gastrointest  
**Total:** $38,000

**Exposure Therapy with and without Simultaneous TMS for PTSD**

**Pl:** Mark George  
**Dept:** Psychiatry and Behavioral Sciences  
**Sponsor:** US Army/USAMRAA  
**Total:** $126,044

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

**Pl:** Kathleen Brady  
**Dept:** Psychiatry and Behavioral Sciences  
**Sponsor:** NIH/NIDA  
**Total:** $357,208

**Brady, Kathleen**

**Principal Investigator**

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

**Sponsor:** NIH/NIDA  
**Budget Dates:** 09/30/10 - 09/29/12  
**Direct:** $200,000  
**Award:** 3 R01 DA023188-02S1 (09041718)  
**Project Dates:** 09/30/09 - 09/29/12  
**F & A:** 83,600
### Principal Investigator

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### Co-PI/Project Director

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### Co-Investigator

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De Arellano, Michael

**Co-Investigator**

**Helping Organizations and Programs Expand: Action for Enduring and Emerging Issues**

**PI:** Dean Kilpatrick  
**Sponsor:** Department of Justice  
**Total:** $ 277,558  
**Award:** 2010-VF-GX-K010 (10041621-1)

**The Violence against Hispanic Women Network**

**PI:** Alyssa Rheingold  
**Sponsor:** SC Dept. of Public Safety  
**Total:** $ 125,000  
**Award:** 1K10017 (10051855-1)

Deas, Deborah

**Co-Investigator**

**Drug Abuse Research Training**

**PI:** Sudie Back  
**Sponsor:** NIH/NIDA  
**Total:** $ 296,476  
**Award:** 2 R25 DA020537-06 (10052189-1)

Donovan, Jennifer

**Co-Investigator**

**Biomarkers in Autism of Aripiprazole and Risperidone Treatment (BAART)**

**PI:** C. Devane  
**Sponsor:** NIH/NICHD  
**Total:** $ 461,289  
**Award:** 1 R01 HD062550-01A1 (09110202-1)

**St. Johns Wort for Drug Abuse Treatment During Pregnancy**

**PI:** C. Devane  
**Sponsor:** NIH/NIDA  
**Total:** $ 150,000  
**Award:** 1 R21 AT006403-01A1 (10071548-1)

Dwyer, Gregg

**Principal Investigator**

**Internet Crimes against Children: Development of a Typology of Offenders for Use in Prevention, Investigations and Treatment**

**Sponsor:** Department of Justice  
**Budget Dates:** 02/01/11 - 01/31/12  
**Direct:** $ 190,712  
**Award:** 2010-MC-CX-4003 (11021582)

**A Prospective, Multi-Center, Double-Blind, Randomized, Controlled Trial to Explore the Tolerability, Safety and Efficacy of the H-Coil Deep Transcranial Magnetic Stimulation (TMS) in Subjects with Major Depression Disorder (MDD)**

**Sponsor:** Brainsway  
**Budget Dates:** 03/16/09 - 09/15/12  
**Direct:** $ 210,572  
**Award:** CTP-0001-11 (08120984)

**Exposure Therapy with and without Simultaneous TMS for PTSD**

**Sponsor:** US Army/USAMRAA  
**Budget Dates:** 09/28/10 - 09/27/11  
**Direct:** $ 126,044  
**Award:** W81XWH-10-2-0194 (10011288)

George, Mark

**Principal Investigator**

**A Clinical Evaluation for the Management of Patients with Major Depressive Disorder, Single or Recurrent Episode, with Deep Brain Stimulation**

**Sponsor:** St. Jude Medical, Inc.  
**Budget Dates:** 06/14/10 - 06/13/13  
**Direct:** $ 713,028  
**Award:** c-07-01 (10081387)

**A Long-Term, Follow-Up Study for the Evaluation of Patients Who Have a DBS System for the Adjunctive Treatment of Major Depressive Disorder (Protocol C-07-05)**

**Sponsor:** St. Jude Medical, Inc.  
**Budget Dates:** 06/14/10 - 06/13/13  
**Direct:** $ 661,616  
**Award:** C-07-05 (10081896)

**PTSD/TBI Clinical Site Award**

**Sponsor:** SC Research Authority  
**Budget Dates:** 09/15/10 - 09/14/11  
**Direct:** $ 68,698  
**Award:** 2009-114 (10092013)
A Pilot Safety and Feasibility Study of High Dose Left Prefrontal Transcranial Magnetic Stimulation (TMS) to Rapidly Stabilize Suicidal Patients with PTSD

**Principal Investigator**
George, Mark

**Sponsor:** SC Research Authority  
**Budget Dates:** 11/01/10 - 10/31/11  
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**Direct:** $34,716  
**F & A:** $16,490

**A Unified Neuroanatomical Model of Speech Production and Perception: Implications for Apraxia of Speech and Conduction Aphasia**

**Principal Investigator**
Gray, Kevin

**Sponsor:** Univ. of South Carolina  
**Budget Dates:** 02/01/11 - 01/31/12  
**Project Dates:** 02/25/09 - 01/31/14  
**Direct:** $34,576  
**F & A:** $16,424

**Exposure Therapy with and without Simultaneous TMS for PTSD**

**Principal Investigator**
Gray, Kevin

**Sponsor:** Neuronetics  
**Budget Dates:** 02/07/11 - 09/27/12  
**Project Dates:** 02/07/11 - 09/27/12  
**Direct:** $90,000  
**F & A:** $0

**Evaluation of Low Emission Neosync EEG Synchronized TMS Technology for the Treatment of Major Depressive Disorder: A Multi-Center, Randomized, Double-Blind, Sham-Controlled Trial**

**Principal Investigator**
Gray, Kevin

**Sponsor:** NeoSync, Inc.  
**Budget Dates:** 03/30/11 - 04/30/12  
**Project Dates:** 03/30/11 - 04/30/12  
**Direct:** $378,280  
**F & A:** $93,820

**A 12-Month, Prospective, Randomized, Dual-Arm, Pilot Study of Maintenance Neurostar Transcranial Magnetic Stimulation in Patients with Major Depressive Disorder**

**Principal Investigator**
Gray, Kevin

**Sponsor:** Neuronetics  
**Budget Dates:** 06/13/11 - 06/12/13  
**Project Dates:** 06/13/11 - 06/12/13  
**Direct:** $60,728  
**F & A:** $14,432

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

**PI:** Kathleen Brady  
**Sponsor:** NIH/NIDA  
**Total:** $357,208

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

**PI:** Michael Saladin  
**Sponsor:** NIH/NIAAA  
**Total:** $282,687

**A Novel Trial of Smokeless Tobacco for Cessation Induction in Unmotivated Smokers**

**PI:** Matthew Carpenter  
**Sponsor:** NIH/NCI  
**Total:** $278,100

**ORWH: SCOR on Sex and Gender Factors Affecting Women's Health (Project 4)**

**PI:** Kathleen Brady  
**Sponsor:** NIH/NIDA  
**Total:** $150,280

**Quantitative MRI of Microstructure and Iron Homeostasis in ADHD Brain**

**PI:** Joseph Helpern  
**Sponsor:** NIH/NIBIB  
**Total:** $322,781

**Southern Consortium Node of the Clinical Trials Network (Cannabidiol Study)**

**PI:** Kathleen Brady  
**Sponsor:** NIH/NIDA  
**Total:** $240,021

**Buspirone Treatment for Marijuana Dependence**

**PI:** Aimee McRae  
**Sponsor:** NIH/NIDA  
**Total:** $228,084

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

**PI:** Kathleen Brady  
**Sponsor:** NIH/NIDA  
**Total:** $246,128

**A Twelve-Week, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Dose-Ranging Study with Follow-Up Evaluating the Safety of Varenicline for Smoking Cessation in Healthy Adolescent Smokers**

**PI:** Karen Hartwell  
**Sponsor:** INC Research, Inc.  
**Total:** $114,322

**Co-Investigator**
Gray, Kevin

**A Controlled Trial of N-Acetylcysteine (NAC) in Cannabis-Dependent Adolescents**

**Sponsor:** NIH/NIDA  
**Budget Dates:** 08/01/10 - 07/31/12  
**Project Dates:** 08/01/09 - 07/31/12  
**Direct:** $250,000  
**F & A:** $110,845

**Co-Investigator**
Gray, Kevin

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

**PI:** Michael Saladin  
**Sponsor:** NIH/NIAAA  
**Total:** $282,687

**A Novel Trial of Smokeless Tobacco for Cessation Induction in Unmotivated Smokers**

**PI:** Matthew Carpenter  
**Sponsor:** NIH/NCI  
**Total:** $278,100

**ORWH: SCOR on Sex and Gender Factors Affecting Women's Health (Project 4)**

**PI:** Kathleen Brady  
**Sponsor:** NIH/NIDA  
**Total:** $150,280

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**Total:** $322,781

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**PI:** Aimee McRae  
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**Total:** $228,084

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**PI:** Kathleen Brady  
**Sponsor:** NIH/NIDA  
**Total:** $246,128

**A Twelve-Week, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Dose-Ranging Study with Follow-Up Evaluating the Safety of Varenicline for Smoking Cessation in Healthy Adolescent Smokers**

**PI:** Karen Hartwell  
**Sponsor:** INC Research, Inc.  
**Total:** $114,322

**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 5 R01 DA26777-02 (09042391)  
**Total:** $278,100

**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 1 R01 CA154992-01 (10011496-1)  
**Total:** $278,100

**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 5 R01 DA26782-03 (11040759-1)  
**Total:** $228,084

**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 5 P50 DA016511-09 (10042959-4)  
**Total:** $228,084

**Dept:** Psychiatry and Behavioral Sciences  
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**Total:** $228,084

**Dept:** Psychiatry and Behavioral Sciences  
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**Total:** $228,084

**Dept:** Psychiatry and Behavioral Sciences  
**Award:** A3051073 (11050576-1)  
**Total:** $228,084
Griffin, Ill, William  
**Co-Investigator**  
Impact of Adolescent Alcohol Exposure on Prefrontal Cortical Function in the Adult  
*PI:* L. Chandler  
*Sponsor:* NIH/NIAAA  
*Total:* $281,088  
*Dept:* Neurosciences  
*Award:* 1 U01 AA019967-01 (10012999-1)  

Chronic Ethanol and SK2 Potassium Channels  
*PI:* Patrick Mulholland  
*Sponsor:* NIH/NIAAA  
*Total:* $117,335  
*Dept:* Neurosciences  
*Award:* 4 R00 AA017922-02 (10052188-1)  

Role of Amygdala Glutamate in Tolerance to the Aversive Effects of Ethanol  
*PI:* Howard Becker  
*Sponsor:* NIH/NIAAA  
*Total:* $194,238  
*Dept:* Psychiatry and Behavioral Sciences  
*Award:* 5 R01 AA014095-09 (10112290-1)  

Ethanol Dependence and Stress Effects on Ethanol Drinking: CRF and Neurosteroids  
*PI:* Howard Becker  
*Sponsor:* NIH/NIAAA  
*Total:* $266,123  
*Dept:* Psychiatry and Behavioral Sciences  
*Award:* 5 U01 AA014095-09 (10112290-1)  

Ethanol Dependence and Stress Effects on Ethanol Drinking: CRF and Neurosteroids  
*PI:* Howard Becker  
*Sponsor:* NIH/NIAAA  
*Total:* $18,085  
*Dept:* Psychiatry and Behavioral Sciences  
*Award:* 5 U01 AA014095-09 (10112290-2)  

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Gros, Kirstin  
**Co-Investigator**  
Assistance to Firefighters Grant Program - Fire Prevention and Safety Grants  
*PI:* Kenneth Ruggiero  
*Sponsor:* Department of Homeland Sec  
*Total:* $368,946  
*Dept:* Psychiatry and Behavioral Sciences  
*Award:* EMW-2010-FP-01518 (11012862-1)  

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Grubaugh, Anouk  
**Principal Investigator**  
Improving Mental Health Services for Diverse Veterans with PTSD and SMI  
*Sponsor:* VAMC  
*Budget Dates:* 01/01/11 - 12/31/11  
*Direct:* $106,100  
*Award:* (08042274)  
*Project Dates:* 01/01/08 - 12/31/11  
*F & A:* $0  

**Co-Investigator**  
Telephone Delivered Behavioral Skills Intervention for Blacks with T2DM  
*PI:* Leonard Egede  
*Sponsor:* NIH/NIDDK  
*Total:* $349,993  
*Dept:* Medicine  
*Award:* 5 R01 DK081121-03 (10051108-1)  

Telephone Delivered Behavioral Skills Intervention for Blacks with T2DM - Travel Supplement  
*PI:* Leonard Egede  
*Sponsor:* NIH/NIDDK  
*Total:* $1,500  
*Dept:* Medicine  
*Award:* 5 R01 DK081121-03 (10051108-2)  

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Guille, Constance  
**Co-Investigator**  
Assistance to Firefighters Grant Program - Fire Prevention and Safety Grants  
*PI:* Kenneth Ruggiero  
*Sponsor:* Department of Homeland Sec  
*Total:* $368,946  
*Dept:* Psychiatry and Behavioral Sciences  
*Award:* EMW-2010-FP-01518 (11012862-1)  

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Hamner, Mark  
**Principal Investigator**  
A Proof of Concept, Double-Blind, Randomized, Placebo-Controlled Study of Ganaxolone in PTSD  
*Sponsor:* SC Research Authority  
*Budget Dates:* 02/01/11 - 01/31/12  
*Direct:* $62,709  
*Award:* 2011-605 (10122104)  
*Project Dates:* 02/01/11 - 08/31/13  
*F & A:* $29,787  

**Co-Investigator**  
Randomized, Controlled Trial of Sertraline, Prolonged Exposure Therapy and Their Combination of OEF/OIF with PTSD  
*PI:* Ron Acierno  
*Sponsor:* Univ. of Michigan  
*Total:* $367,774  
*Dept:* Psychiatry and Behavioral Sciences  
*Award:* V-SUBMUSC-11-30/W81XWH-11 (10030416-1)  

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Hanlon, Colleen  
**Principal Investigator**  
Cortical Inhibition and Corpus Callosum Integrity in Cocaine Users  
*Sponsor:* NIH/NIDA  
*Budget Dates:* 01/01/11 - 12/31/11  
*Direct:* $199,015  
*Award:* 7 K01 DA027756-02 (10092012)  
*Project Dates:* 01/15/10 - 12/31/14  
*F & A:* $15,024  

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Hanson, Rochelle  
**Principal Investigator**  
DBHDD Professional Development Training/Technical Assistance 2011  
*Sponsor:* Univ. of Georgia  
*Budget Dates:* 03/01/11 - 10/31/11  
*Direct:* $35,300  
*Award:* RE336208/4784476 (11032383)  
*Project Dates:* 03/01/11 - 10/31/11  
*F & A:* $0
Hanson, Rochelle

Co-PI/Project Director
Project BEST: Bringing Empirically Supported Treatments to Children and Families in South Carolina - Phase 2
PI: Benjamin Saunders
Sponsor: Dee Norton Lowcountry Childr
Total: $ 380,723
Dept: Psychiatry and Behavioral Sciences
Award: 1790-SP (10061435-1)

Co-Investigator
Web-Based Intervention for Disaster-Affected Adolescents and Families
PI: Kenneth Ruggiero
Sponsor: NIH/NIMH
Total: $ 374,420
Dept: Psychiatry and Behavioral Sciences
Award: 5 R01 MH081056-03 (10051004-1)

Hartwell, Karen

Principal Investigator
A Twelve-Week, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Dose-Ranging Study with Follow-Up Evaluating the Safety of Varenicline for Smoking Cessation in Healthy Adolescent Smokers
Sponsor: INC Research, Inc.
Budget Dates: 05/03/11 - 05/02/12
Direct: $ 114,322
Award: A3051073 (11050576)
Dept: Psychiatry and Behavioral Sciences

Co-Investigator
The Impact of Real-Time fMRI Feedback on Response to Nicotine Cues
PI: Kathleen Brady
Sponsor: NIH/NIDA
Total: $ 357,208
Dept: Psychiatry and Behavioral Sciences
Award: 4 R33 DA026085-03 (10042857-1)

Haynes, Louise

Principal Investigator
HIV Testing and Counseling in STD Clinics: An Adaptation of CTN 0032
Sponsor: Univ. of Miami
Budget Dates: 09/01/10 - 08/31/12
Direct: $ 466,455
Award: RC2 DA028973-02 (09052131)
Dept: Psychiatry and Behavioral Sciences

Co-Investigator
Southern Consortium Node of the Clinical Trials Network
PI: Kathleen Brady
Sponsor: NIH/NIDA
Total: $ 1,049,690
Dept: Psychiatry and Behavioral Sciences
Award: 2 U10 DA013727-11 (09102141-1)

Henggeler, Scott

Principal Investigator
BlueSky
Sponsor: Annie E. Casey Fdn.
Budget Dates: 03/01/10 - 02/28/11
Direct: $ 252,267
Award: 96.2013 (10022353)
Dept: Psychiatry and Behavioral Sciences

Enhancing Juvenile Drug Court Outcomes with EBPs
Sponsor: NIH/NIDA
Budget Dates: 09/01/10 - 08/31/11
Direct: $ 445,765
Award: 5 R01 DA019892-04 (10092006)
Dept: Psychiatry and Behavioral Sciences

Testing Therapist Training Intervention to Implement an EBT for Adolescents
Sponsor: NIH/NIDA
Budget Dates: 04/01/11 - 03/31/12
Direct: $ 339,972
Award: 5 R01 DA017487-08 (11021158)
Dept: Psychiatry and Behavioral Sciences

Killeen, Therese

Principal Investigator
A Randomized Trial of Concurrent Treatment for PTSD and Substance Dependence
Sponsor: City College of New York
Budget Dates: 07/01/10 - 06/30/11
Direct: $ 37,792
Award: 41654A (10062422)

Co-Investigator
A Controlled Trial of N-Acetylcysteine (NAC) in Cannabis-Dependent Adolescents
PI: Kevin Gray
Sponsor: NIH/NIDA
Total: $ 250,000
Dept: Psychiatry and Behavioral Sciences
Award: 5 R01 DA026777-02 (09042391-2)
Killeen, Therese

Co-Investigator
Southern Consortium Node of the Clinical Trials Network
PI: Kathleen Brady  Sponsor: NIH/NIDA  Total: $1,049,690
Dept: Psychiatry and Behavioral Sciences  Award: 2 U10 DA013727-11 (09102141-1)

Integrated Treatment of OEF/OIF Veterans with PTSD and Substance Use Disorders
PI: Sudie Back  Sponsor: NIH/NIDA  Total: $259,735
Dept: Psychiatry and Behavioral Sciences  Award: 1 R01 DA030143-01 (09122123-1)

Southern Consortium Node of the Clinical Trials Network
PI: Kathleen Brady  Sponsor: NIH/NIDA  Total: $1,278,313
Dept: Psychiatry and Behavioral Sciences  Award: 3 U10 DA013727-11S1 (10091384-1)

Integrated Treatment of OEF/OIF Veterans with PTSD and Substance User Disorders
PI: Sudie Back  Sponsor: NIH/NIDA  Total: $230,811
Dept: Psychiatry and Behavioral Sciences  Award: 5 R01 DA030143-02 (11032801-1)

Buspirone Treatment for Marijuana Dependence
PI: Aimee McRae  Sponsor: NIH/NIDA  Total: $228,084
Dept: Psychiatry and Behavioral Sciences  Award: 5 R01 DA026782-03 (11040759-1)

Kilpatrick, Dean

Principal Investigator

Psychobiology of Trauma and Resilience Across the Lifespan
Sponsor: NIH/NIMH  Budget Dates: 06/01/11 - 03/31/12  Direct: $1
Award: 5 R13 MH078814-06 (11042209)  Project Dates: 07/05/06 - 03/31/15  F & A: 1

Traumatic Stress Across the Lifespan: A Biopsychosocial Training Program
Sponsor: NIH/NIMH  Budget Dates: 07/01/10 - 06/30/11  Direct: $288,221
Award: 5 T32 MH018869-23 (10032499)  Project Dates: 01/01/98 - 06/30/13  F & A: 22,319

Helping Organizations and Programs Expand: Action for Enduring and Emerging Issues
Sponsor: Department of Justice  Budget Dates: 10/01/10 - 09/30/11  Direct: $277,558
Award: 2010-VF-GX-K010 (10041621)  Project Dates: 10/01/10 - 03/31/12  F & A: 87,431

National Stressful Events Web Survey
Sponsor: Amer. Psychiatric Assoc.  Budget Dates: 10/01/10 - 09/30/11  Direct: $10,320
Award: (10080551)  Project Dates: 08/01/10 - 09/30/11  F & A: 0

IPA for Resnick (Boston DVA)
Sponsor: VA Boston Healthcare System  Budget Dates: 10/01/10 - 09/30/11  Direct: $21,689
Award: (10091594)  Project Dates: 10/01/10 - 09/30/11  F & A: 0

IPA for Kilpatrick (Boston DVA)
Sponsor: VA Boston Healthcare System  Budget Dates: 10/01/10 - 09/30/11  Direct: $67,141
Award: (10091595)  Project Dates: 10/01/10 - 09/30/11  F & A: 0

IPA for Baber (Boston DVA)
Sponsor: VA Boston Healthcare System  Budget Dates: 10/01/10 - 09/30/11  Direct: $6,073
Award: (10092007)  Project Dates: 10/01/10 - 09/30/11  F & A: 0

IPA for Cornelison (Boston DVA)
Sponsor: VA Boston Healthcare System  Budget Dates: 10/01/10 - 09/30/11  Direct: $10,827
Award: (10092008)  Project Dates: 10/01/10 - 09/30/11  F & A: 0

National Center for Disaster Mental Health Research-Phase II
Sponsor: Dartmouth Coll.  Budget Dates: 09/01/10 - 08/31/11  Direct: $4,4910
Award: 496/5 P60 MH082598 (10100685)  Project Dates: 09/23/08 - 08/31/12  F & A: 21,332

National Center for Disaster Mental Health Research - Phase I
Sponsor: Dartmouth Coll.  Budget Dates: 09/01/10 - 08/31/11  Direct: $10,370
Award: 365/5P60 MH082598 (10100686)  Project Dates: 09/23/09 - 08/31/12  F & A: 4,770

Psychobiology of Trauma and Resilience Across the Lifespan
Sponsor: NIH/NIMH  Budget Dates: 06/01/11 - 03/31/12  Direct: $1
Award: 5 R13 MH078814-06 (11042209)  Project Dates: 07/05/06 - 03/31/15  F & A: 0
Kilpatrick, Dean  
**Co-Investigator**  
Intensive Case Management for Family Members of Homicide Victims in Rural Settings: The Lowcountry of South Carolina  
**PI:** Alyssa Rheingold  
**Sponsor:** Department of Justice  
**Total:** $ 151,843  
**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 2009-VF-GX-K009 (10022460-1)  

Web-Based Intervention for Disaster-Affected Adolescents and Families  
**PI:** Kenneth Ruggiero  
**Sponsor:** NIH/NIMH  
**Total:** $ 374,420  
**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 5 R01 MH081056-03 (10051004-1)  

Prevention of Postrape Drug Abuse: Replication Study  
**PI:** Heidi Resnick  
**Sponsor:** NIH/NIDA  
**Total:** $ 502,942  
**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 5 R01 DA023099-03 (10051971-1)  

Prevention of Postrape Drug Abuse: Replication Study (Diversity Supplement)  
**PI:** Heidi Resnick  
**Sponsor:** NIH/NIDA  
**Total:** $ 48,800  
**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 3 R01 DA023099-03S1 (10051971-2)  

Kruesi, Markus  
**Co-Investigator**  
Biomarkers in Autism of Aripiprazole and Risperidone Treatment (BAART)  
**PI:** C. Devane  
**Sponsor:** NIH/NICHD  
**Total:** $ 461,289  
**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 1 R01 HD062550-01A1 (09110202-1)  

Kryway, Elisabeth  
**Co-Investigator**  
D-Cycloserine Facilitation of Cocaine-Cue Extinction  
**PI:** Kathleen Brady  
**Sponsor:** NIH/NIDA  
**Total:** $ 246,128  
**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 5 R01 DA023188-04 (11041167-1)  

Larowe, Steven  
**Co-Investigator**  
Treatment Implications of Trauma Memory Modulation for PTSD and Alcohol Dependence  
**PI:** Michael Saladin  
**Sponsor:** NIH/NIAAA  
**Total:** $ 282,687  
**Dept:** Health Sciences and Research  
**Award:** 5 R01 AA019019-02 (09042276-2)  

ORWH: SCOR on Sex and Gender Factors Affecting Women's Health (Project 4)  
**PI:** Kathleen Brady  
**Sponsor:** NIH/NIDA  
**Total:** $ 150,280  
**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 5 P50 DA016511-09 (10042959-4)  

Letourneau, Elizabeth  
**Principal Investigator**  
Building a Framework to Address Teen Sexting Behaviors  
**Sponsor:** Univ. of Massachusetts, Lowell  
**Budget Dates:** 10/01/10 - 09/30/11  
**Direct:** $ 46,827  
**F & A:** $ 22,243  
**Award:** S51000000015355/2010-MC-C (10050476)  

Targeting HIV Risks Behaviors in Juvenile Drug Court-Involved Youth  
**Sponsor:** NIH/NIDA  
**Budget Dates:** 07/01/10 - 06/30/11  
**Direct:** $ 322,827  
**F & A:** $ 153,343  
**Award:** 5 R01 DA025880-03 (10051957)  

Lewis, IV, Alvin  
**Principal Investigator**  
Surveying the Characteristics of Medication Abuse, Misuse, and Diversion among Adolescents  
**Sponsor:** Eli Lilly  
**Budget Dates:** 08/01/10 - 10/23/11  
**Direct:** $ 15,000  
**F & A:** $ 0  
**Award:** AACAP Pilot Research Awar (10050476)  

Li, Xingbao  
**Co-Investigator**  
The Impact of Real-Time fMRI Feedback on Response to Nicotine Cues  
**PI:** Kathleen Brady  
**Sponsor:** NIH/NIDA  
**Total:** $ 357,208  
**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 4 R33 DA026085-03 (10042857-1)  

Genetic and Brain Mechanisms of Naltrexone’s Treatment Efficacy for Alcoholism  
**PI:** Raymond Anton, Jr.  
**Sponsor:** NIH/NIAAA  
**Total:** $ 383,305  
**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 5 R01 AA017633-03 (11030156-1)  

Evaluation of Low Emission Neosync EEG Synchronized TMS Technology for the Treatment of Major Depressive Disorder: A Multi-Center, Randomized, Double-Blind, Sham-Controlled Trial  
**PI:** Mark George  
**Sponsor:** NeoSync, Inc.  
**Total:** $ 378,280  
**Dept:** Psychiatry and Behavioral Sciences  
**Award:** NND-3001 (11033022-1)
Liu, Meng

Co-Investigator

Hypothalamic Regulation of Sleep
PI: Priyattam Shiromani
Dept: Psychiatry and Behavioral Sciences
Sponsor: NIH/NIMH
Award: 7 R01 MH055772-11 (11051210-1)
Total: $ 251,539

Lopez, Christina

Co-PI/Project Director

Addressing the Needs of Crime Victims in Medical Practice
PI: Michael De Arellano
Dept: Psychiatry and Behavioral Sciences
Sponsor: Univ. of Massachusetts, Lowell
Award: SS1-10939/2009-VF-GX-K006 (10091076-1)
Total: $ 3,042

Lopez, Marcelo

Co-PI/Project Director

Role of Amygdala Glutamate in Tolerance to the Aversive Effects of Ethanol
PI: Howard Becker
Dept: Psychiatry and Behavioral Sciences
Sponsor: NIH/NIAAA
Award: 5 R01 AA018036-03 (10070915-1)
Total: $ 194,238

Co-Investigator

Preclinical Medications Screening in Alcohol Dependence and Anxiety Models
PI: Howard Becker
Dept: Psychiatry and Behavioral Sciences
Sponsor: NIH/NIDDK
Award: HHSN267200700038C (07050139-4)
Total: $ 233,763

Impact of Adolescent Alcohol Exposure on Prefrontal Cortical Function in the Adult
PI: L. Chandler
Dept: Neurosciences
Sponsor: NIH/NIAAA
Award: 1 U01 AA019967-01 (10012999-1)
Total: $ 281,088

Madan, Alok

Co-Investigator

Identifying Cortical, Subcortical and Functional Neural Networks Associated with Weight Gain Following Gastric-Bypass Surgery
PI: Jeffrey Borckardt
Dept: Psychiatry and Behavioral Sciences
Sponsor: The Obesity Society
Award: (10012132-2)
Total: $ 24,758

Magruder, Kathryn

Principal Investigator

Patient and Provider Outcomes of E-Learning in CAMS
Sponsor: VAMC
Budget Dates: 08/01/10 - 07/30/11
Direct: $ 247,800
F & A: 0
Award: EDU 08-424 (09081139)

Randomized Trial of an Online Early Intervention for Combat PTSD in Primary Care
Sponsor: Henry M. Jackson Fdn.
Budget Dates: 07/30/07 - 07/31/11
Direct: $ 14,000
F & A: 4,060
Award: 164293/W81XWH-07-2-0006 (11031653)

Co-Investigator

Southern Consortium Node of the Clinical Trials Network
PI: Kathleen Brady
Dept: Psychiatry and Behavioral Sciences
Sponsor: NIH/NIDA
Award: 2 U10 DA013727-11 (09102141-1)
Total: $ 1,049,690

Oral Home Telecare for Tetraplegics
PI: Hon Yuen
Dept: Rehabilitation Sciences
Sponsor: NIH/NIDCR
Award: 5 R21 DE018775-02 (10051438-1)
Total: $ 127,844

South Carolina Clinical and Translational Research Institute (UL1)
PI: Kathleen Brady
Dept: Psychiatry and Behavioral Sciences
Sponsor: NIH/NCRR
Award: 5 UL1 RR029882-03 (11012750-1)
Total: $ 2,477,854

South Carolina Clinical and Translational Institute (SCTR)
PI: Kathleen Brady
Dept: Psychiatry and Behavioral Sciences
Sponsor: NIH/NCRR
Award: 3 UL1 RR029882-03S1 (11021587-1)
Total: $ 400,952

Medical University of South Carolina 131
Malcolm, Jr., Robert

**Principal Investigator**

A Fifteen-Month, Prospective, Randomized, Active-Controlled, Open-Label, Flexible-Dose Study of Paliperidone Palmitate Compared with Oral Antipsychotic Treatment in Delaying Time to Treatment Failure in Adults with Schizophrenia Who Have Recently Been Released from Jail

Sponsor: Janssen Scientific Affairs, LLC  
Budget Dates: 08/03/10 - 12/31/12  
Direct: $133,200  
Award: R092670-SCH-3006 (10082411)  
Project Dates: 08/03/10 - 12/31/12  
F & A: $32,556

Co-Investigator

A Controlled Trial of N-Acetylcysteine (NAC) in Cannabis-Dependent Adolescents

PI: Kevin Gray  
Sponsor: NIH/NIDA  
Total: $250,000  
Award: 5 R01 DA026777-02 (09042391-2)

Methylphenidate-Ethanol Interactions in ADHD and Co-Abuse

PI: Kennerly Patrick  
Sponsor: NIH/NIAAA  
Total: $194,662  
Award: 5 R01 AA016707-07 (10071441-1)

Southern Consortium Node of the Clinical Trials Network (Cannabidiol Study)

PI: Kathleen Brady  
Sponsor: NIH/NIDA  
Total: $240,021  
Award: 3 U10 DA013727-11S3 (11020202-1)

Neurobiology of Addiction Research Center (Core C)

PI: Peter Kalivas  
Sponsor: NIH/NIDA  
Total: $87,051  
Award: 5 P50 DA015369-09 (11031014-4)

McCarty, Michael

Co-Investigator

Learning and Working During the Transition to Adulthood

PI: Ashli Sheidow  
Sponsor: Univ. of Massachusetts  
Total: $27,544  
Award: 6125656/RFS2011133/H133B0 (10110941-1)

McCauley, Jenna

Co-Investigator

Assistance to Firefighters Grant Program - Fire Prevention and Safety Grants

PI: Kenneth Ruggiero  
Sponsor: Department of Homeland Sec  
Total: $368,946  
Award: EMW-2010-FP-01518 (11012862-1)

McRae, Aimee

**Principal Investigator**

Buspirone Treatment for Marijuana Dependence

Sponsor: NIH/NIDA  
Budget Dates: 06/01/11 - 05/31/12  
Direct: $228,084  
Award: 5 R01 DA026782-03 (11040759)  
Project Dates: 08/15/09 - 05/31/14  
F & A: $87,255

Co-PI/Project Director

ORWH: SCOR on Sex and Gender Factors Affecting Women’s Health (Project 2)

PI: Kathleen Brady  
Sponsor: NIH/NIDA  
Total: $155,709  
Award: 5 P50 DA016511-09 (10042959-3)

Co-Investigator

Treatment Implications of Trauma Memory Modulation for PTSD and Alcohol Dependence

PI: Michael Saladin  
Sponsor: NIH/NIAAA  
Total: $282,687  
Award: 5 RC1 AA019019-02 (09042276-2)

Vigabatrin for Treatment of Cocaine Dependence: A Phase II Study

PI: Kathleen Brady  
Sponsor: NIH/NIDA  
Total: $199,042  
Award: 5 R01 DA026777-02 (09042391-2)

Vigabatrin for Treatment of Cocaine Dependence: A Phase II Study

PI: Kathleen Brady  
Sponsor: NIH/NIDA  
Total: $34,011  
Award: NIDA-VA-#1030 (10072182-2)

D-Cycloserine Facilitation of Cocaine-Cue Extinction

PI: Kathleen Brady  
Sponsor: NIH/NIDA  
Total: $246,128  
Award: 5 R01 DA023188-04 (11041167-1)
Miller, Peter

Principal Investigator

Development and Evaluation of an Online Dental Student Alcohol Curriculum
Sponsor: NIH/NIAAA  
Budget Dates: 04/01/11 - 03/31/12  
Direct: $145,130
Award: R25 AA019647-01A1 (10051222)  
Project Dates: 04/01/11 - 03/31/13  
F & A: $11,610

Implementation of Alcohol Screening, Intervention and Treatment in Primary Care
Sponsor: NIH/NIAAA  
Budget Dates: 09/01/10 - 08/31/11  
Direct: $334,911
Award: R01 AA016768-03 (10071333)  
Project Dates: 09/02/08 - 08/31/12  
F & A: $159,083

Co-Investigator

Drug Abuse Research Training
PI: Sudie Back  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIDA  
Award: 1 R01 DA020537-06 (10052189-1)

Phased Treatment for Social Anxiety and Hazardous Drinking
PI: Carrie Randall  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIAAA  
Award: 5 R01 AA013379-07 (10071335-1)

Myrick, Donald

Co-Investigator

Integrated Treatment of OEF/OIF Veterans with PTSD and Substance Use Disorders
PI: Sudie Back  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIDA  
Award: 1 R01 DA030143-01 (09122123-1)

Exposure Therapy with and without Simultaneous TMS for PTSD
PI: Mark George  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: US Army/USAMRAA  
Award: W81XWH-10-2-0194 (10011288-1)

Randomized, Controlled Trial of Sertraline, Prolonged Exposure Therapy and Their Combination of OEF/OIF with PTSD
PI: Ron Aciero  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: Univ. of Michigan  
Award: V-SUBMUSC-11-30/W81XWH-11 (10030416-1)

Southern Consortium Node of the Clinical Trials Network
PI: Kathleen Brady  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIDA  
Award: 3 U10 DA013727-11S1 (10091384-1)

Southern Consortium Node of the Clinical Trials Network
PI: Kathleen Brady  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIDA  
Award: 3 U10 DA013727-11S2 (10091384-2)

Genetic and Brain Mechanisms of Naltrexone’s Treatment Efficacy for Alcoholism
PI: Raymond Anton, Jr.  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIAAA  
Award: 5 R01 AA017633-03 (11030156-1)

Integrated Treatment of OEF/OIF Veterans with PTSD and Substance User Disorders
PI: Sudie Back  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIDA  
Award: 5 R01 DA030143-02 (11032801-1)

Nahas, Ziad

Principal Investigator

Bilateral Epidural Prefrontal Cortical Stimulation (EpCS) for Treatment-Resistant Depression
Sponsor: NARSAD  
Budget Dates: 09/15/10 - 09/14/11  
Direct: $55,382
Award: (10030520)  
Project Dates: 09/15/10 - 09/14/12  
F & A: $4,430

Focal Electrically-Administered Seizure Therapy (FEAST): A Preliminary Study
Sponsor: Mecta Corp.  
Budget Dates: 10/01/10 - 09/30/11  
Direct: $55,285
Award: FEAST (10111559)  
Project Dates: 10/01/10 - 09/30/11  
F & A: $13,196

Effectiveness of a Visual Counter for Simultaneous TMS for PTSD
PI: Mark George  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: US Army/USAMRAA  
Total: $126,044
Award: W81XWH-10-2-0194 (10011288-1)

O’Neil, Patrick

Principal Investigator

A Pilot Study to Evaluate a Revised Method of Assessing Food in a Commercial Weight Management Program Format
Sponsor: Weight Watchers International, Inc.  
Budget Dates: 10/04/08 - 12/31/10  
Direct: $28,000
Award: (08101118)  
Project Dates: 10/04/08 - 12/31/10  
F & A: $7,000
ONeil, Patrick

**Principal Investigator**

**A Phase 2, Multicenter, Randomized, Double-blind, Parallel-group, Placebo-Controlled, Forced-dose Titration Study to evaluate the Efficacy, Safety, and Tolerability of SPD489 in Adults Aged 18-55 Years with Binge Eating Disorder**

**Sponsor:** MUSC OIP  
**Budget Dates:** 06/23/11 - 06/22/12  
**Direct:** $98,087

**Award:** SPD489 (11050573)  
**Project Dates:** 06/23/11 - 06/22/12  
**F & A:** $22,462

**A randomised, double-blind, placebo controlled, parallel group, multi-centre, multinational trial with stratification of subject to either 56 or 160 weeks of treatment based on pre-diabetes status at**

**Sponsor:** Novo Nordisk Pharmaceuticals  
**Budget Dates:** 06/01/11 - 05/31/14  
**Direct:** $377,700

**Award:** NN8022-1839 (11120117)  
**Project Dates:** 06/01/11 - 05/31/14  
**F & A:** $93,550

Obeid, Jihad

**Principal Investigator**

**SmartState Center Endowed Chair in Biomedical Informatics**

**Sponsor:** MUSC Fdn.  
**Budget Dates:** 07/01/10 - 06/30/12  
**Direct:** $28,955

**Award:** COEE (11021154)  
**Project Dates:** 07/01/10 - 06/30/12  
**F & A:** $0

Olive, Michael

**Co-Investigator**

Ethanol Sensitivity of Native and Cloned NMDA Receptors

**PI:** John Woodward  
**Sponsor:** NIH/NIAAA  
**Total:** $247,500

**Dept:** Neurosciences  
**Award:** 5 R37 AA009986-16 (10060904-1)

Price, Kimber

**Co-Investigator**

D-Cycloserine Facilitation of Cocaine-Cue Extinction

**PI:** Kathleen Brady  
**Sponsor:** NIH/NIDA  
**Total:** $246,128

**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 5 R01 DA023188-04 (11041167-1)

Randall, Carrie

**Principal Investigator**

**Alcohol Research Center - Treatment and Implications**

**Sponsor:** NIH/NIAAA  
**Budget Dates:** 01/01/11 - 12/31/11  
**Direct:** $1,163,584

**Award:** 2 P50 AA010761-16 (09112399)  
**Project Dates:** 12/01/96 - 12/31/15  
**F & A:** $546,628

**Phased Treatment for Social Anxiety and Hazardous Drinking**

**Sponsor:** NIH/NIAAA  
**Budget Dates:** 09/01/10 - 08/31/11  
**Direct:** $388,550

**Award:** 5 R01 AA013379-07 (10071335)  
**Project Dates:** 03/01/02 - 08/31/12  
**F & A:** $115,349

**Mentoring and Career Development in Alcohol Research**

**Sponsor:** NIH/NIAAA  
**Budget Dates:** 09/01/10 - 12/31/11  
**Direct:** $140,972

**Award:** 5 K24 AA013314-10 (10071545)  
**Project Dates:** 09/20/01 - 12/31/11  
**F & A:** $11,278

Randall, Patrick

**Co-Investigator**

**Phased Treatment for Social Anxiety and Hazardous Drinking**

**PI:** Carrie Randall  
**Sponsor:** NIH/NIAAA  
**Total:** $388,550

**Dept:** Psychiatry and Behavioral Sciences  
**Award:** 5 R01 AA013379-07 (10071335-1)
Randall, Patrick

**Mentor**

Trauma-Related Olfactory Cues in Posttraumatic Stress Disorder

Pl: Bernadette Cortese  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIMH  
Award: 1 K01 MH090548-01A1 (10030824-1)  
Total: $ 137,006

Resnick, Heidi

**Principal Investigator**

Prevention of Postrape Drug Abuse: Replication Study

Pl: Bernadette Cortese  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIMH  
Direct:  
F & A: $550,942

Co-Investigator

Web-Based Intervention for Disaster-Affected Adolescents and Families

Pl: Kenneth Ruggiero  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIMH  
Award: 5 R01 DA023099-03 (100051971)  
Total: $ 374,420

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

Pl: Carla Danielson  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIMH  
Award: 5 R01 MH081056-03 (100051984-1)  
Total: $ 104,700

IPA for Resnick (Boston DVA)

Pl: Dean Kilpatrick  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: VA Boston Healthcare System  
Award: (10091594-1)  
Total: $ 21,689

Rheingold, Alyssa

**Principal Investigator**

Intensive Case Management Services for Family Members of Homicide Victims in Urban Charleston Area

Sponsor: SC Dept. of Public Safety  
Direct:  
F & A: $81,492

Intensive Case Management for Family Members of Homicide Victims in Rural Settings: The Lowcountry of South Carolina

Sponsor: Department of Justice  
Direct:  
F & A: $151,843

The Violence against Hispanic Women Network

Sponsor: SC Dept. of Public Safety  
Direct:  
F & A: $125,000

Intensive Case Management for Crime Victims

Sponsor: SC Dept. of Public Safety  
Direct:  
F & A: $64,341

Co-Investigator

Charleston County Teen and Family EMPOWER Program

Pl: Carla Danielson  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: SAMHSA  
Award: 5 U79 SP015156-03 (10030521-1)  
Total: $ 258,839

Rowland, Melisa

**Principal Investigator**

MST-Psychiatric Teams/Robin Hood Foundation

Sponsor: MST Group, LLC  
Direct:  
F & A: $80,000

MST-CM Implementation for NY ACS Project

Sponsor: MST Group, LLC  
Direct:  
F & A: $45,305

Ruggiero, Kenneth

**Principal Investigator**

Web Intervention for OIF-OEF Veterans with Mental Health Problems

Sponsor: VAMC  
Direct:  
F & A: $253,437

Web-Based Intervention for Disaster-Affected Youth and Families: Diversity Supplement

Sponsor: NIH/NIMH  
Direct:  
F & A: $53,804

Web-Based Intervention for Disaster-Affected Youth and Families (Revision to R01MH081056)

Sponsor: NIH/NIMH  
Direct:  
F & A: $187,662

Medical University of South Carolina
Ruggiero, Kenneth  
**Principal Investigator**  
**Web-Based Intervention for Disaster-Affected Adolescents and Families**  
Sponsor: NIH/NIMH  
Award: 5 R01 MH081056-03 (10051004)  
Budget Dates: 07/01/10 - 06/30/12  
Project Dates: 09/19/08 - 06/30/13  
Direct: $374,420
F & A: 84,139

**Psychological Adjustment Following Coastal Disasters: Risk and Protective Factors for Families and Web-Based Curriculum Development**  
Sponsor: Louisiana State University  
Award: 37866/5-36435 (10080966)  
Budget Dates: 07/01/10 - 06/30/11  
Project Dates: 07/01/08 - 06/30/11  
Direct: $10,377
F & A: 4,773

**Assistance to Firefighters Grant Program - Fire Prevention and Safety Grants**  
Sponsor: Department of Homeland Security  
Award: EMW-2010-FP-01518 (11012862)  
Budget Dates: 06/20/11 - 06/19/12  
Project Dates: 06/20/11 - 06/19/12  
Direct: $368,946
F & A: 117,352

**PE-Web: Online Training for VA Providers in Prolonged Exposure for PTSD**  
Sponsor: VAMC  
Award: HX000224 (12020262)  
Budget Dates: 04/01/10 - 03/31/12  
Project Dates: 04/01/10 - 03/31/13  
Direct: $285,400
F & A: 0

Sampson, Royce  
**Co-Investigator**  
**Southern Consortium Node of the Clinical Trials Network**  
Sponsor: Dartmouth Coll.  
Award: 5 U79 SP015156-03 (10030521-1)  
Total: $258,839

**Evaluation of Novel PTSD Risk Assessment Tools for Disaster-Exposed Youth**  
Sponsor: SAMHSA  
Award: 5 U79 SP015156-03 (10030521-1)  
Total: $104,700

**Prevention of Postrape Drug Abuse: Replication Study**  
Sponsor: NIHD/NIDA  
Award: 5 R21 MH086313-02 (10051442-1)  
Total: $502,942

**Prevention of Postrape Drug Abuse: Replication Study (Diversity Supplement)**  
Sponsor: NIHD/NIDA  
Award: 3 R01 DA023099-03S1 (10051971-2)  
Total: $48,000

Santa Ana, Elizabeth  
**Principal Investigator**  
**Impact of GMI and IHMDs for Dually Diagnosed Veterans**  
Sponsor: VAMC  
Award: (09102975)  
Budget Dates: 07/01/10 - 06/30/11  
Project Dates: 07/01/08 - 06/30/13  
Direct: $159,897
F & A: 0

Saunders, Benjamin  
**Principal Investigator**  
**ChildVictimWeb: A Web-Based Training Resource for Brokers of Mental Health Services & Clinicians for Child Victims of Abuse**  
Sponsor: National Childrends Alliance  
Award: 2010-VF-GX-K005 (10051113)  
Budget Dates: 10/01/10 - 09/30/12  
Project Dates: 10/01/10 - 09/30/12  
Direct: $143,876
F & A: 45,321

**Project BEST: Bringing Empirically Supported Treatments to Children and Families in South Carolina - Phase 2**  
Sponsor: Dee Norton Lowcountry Childrens Center  
Award: 1790-SP (10061435)  
Budget Dates: 03/01/11 - 12/31/11  
Project Dates: 03/01/11 - 12/31/13  
Direct: $380,723
F & A: 30,458
### Saunders, Benjamin

**Principal Investigator**

**Disseminating Trauma-Focused CBT to Child Welfare Therapists: Web-Based Model**
- Sponsor: Allegheny-Singer Research Inst.
- Award: 208.0327 (10091381)
- Budget Dates: 04/01/10 - 03/31/11
- Direct: $14,318
- Project Dates: 01/01/09 - 03/31/11
- F & A: $1,432

- **Co-PI/Project Director**
  - **Assistance to Firefighters Grant Program - Fire Prevention and Safety Grants**
    - PI: Kenneth Ruggiero
    - Sponsor: Department of Homeland Sec
    - Total: $368,946
    - Dept: Psychiatry and Behavioral Sciences
    - Award: EMW-2010-FP-01518 (11012862-1)

- **Co-Investigator**
  - **Charleston County Teen and Family EMPOWER Program**
    - PI: Carla Danielson
    - Sponsor: SAMHSA
    - Total: $258,839
    - Dept: Psychiatry and Behavioral Sciences
    - Award: 5 U79 SP015156-03 (10030521-1)

### Schaeffer, Cindy

**Co-PI/Project Director**

**Family-Based Treatment for Parental Substance Abuse and Child Maltreatment**
- PI: Cynthia Swenson
- Sponsor: NIH/NIDA
- Total: $449,998
- Dept: Psychiatry and Behavioral Sciences
- Award: 1 R01 DA029726-01 (09092921-1)

### Schoenwald, Sonja

**Principal Investigator**

**Advanced Center to Improve Pediatric Mental Health Care (ACIPMHC)**
- Sponsor: Rady Childrens Hospital San Diego
- Award: 662-93193560 (10022568)
- Budget Dates: 05/01/11 - 04/30/12
- Direct: $45,222
- Project Dates: 05/08/08 - 04/30/13
- F & A: $20,803

**Center to Promote Schools as the Context for Urban Children’s Mental Health**
- Sponsor: Univ. of Illinois, Chicago
- Award: 2007060030102/P20MHU78458 (11110105)
- Budget Dates: 04/01/10 - 03/31/11
- Project Dates: 06/01/08 - 03/31/13
- F & A: $26,676

### Sheidow, Ashli

**Principal Investigator**

**Treatment Retention Strategies in Transition Age Youth**
- Sponsor: Univ. of Massachusetts
- Award: 6115044/RF5900233 (09041590)
- Budget Dates: 09/30/09 - 08/31/11
- Direct: $22,787
- Project Dates: 09/30/09 - 08/31/13
- F & A: $10,824

**Learning and Working During the Transition to Adulthood**
- Sponsor: Univ. of Massachusetts
- Award: 6116342/RF5900252 (09110295)
- Budget Dates: 07/01/10 - 09/30/10
- Project Dates: 07/01/10 - 09/30/10
- F & A: $2,081

**Stage II Research on Outpatient Treatment for Adolescents with Comorbidity**
- Sponsor: NIH/NIDA
- Award: 5 R01 DA025616-2 (10062848)
- Budget Dates: 07/01/09 - 06/30/11
- Project Dates: 07/01/09 - 06/30/14
- F & A: $172,630

### Shiromani, Priyattam

**Principal Investigator**

**Hypocretin Gene Transfer and Narcolepsy**
- Sponsor: NIH/NHLBI
- Award: 7 R21 HL091363-03 (10121678)
- Budget Dates: 01/01/11 - 06/30/12
- Project Dates: 07/01/08 - 06/30/12
- F & A: $20,182

**Basal Forebrain Hypocretin Regulation of Waking**
- Sponsor: NIH/NINDS
- Award: 7 R01 NS052287-06 (10122093)
- Budget Dates: 01/01/11 - 02/28/12
- Project Dates: 03/01/06 - 02/28/12
- F & A: $47,451
Shiromani, Priyattam

**Principal Investigator**

**Hypothalamic Regulation of Sleep**
Sponsor: NIH/NIMH

Award: 7 R01 MH055772-11 (11051210)  
Budget Dates: 01/01/11 - 02/29/12  
Direct: $ 251,539

**Sleep Neurobiology and Circuity**
Sponsor: VAMC

Award: BX000798 (12020263)  
Budget Dates: 10/01/10 - 09/30/11  
Direct: $ 180,000

Smith, Daniel

**Co-Pl/Project Director**

ChildVictimWeb: A Web-Based Training Resource for Brokers of Mental Health Services & Clinicians for Child Victims of Abuse
Pl: Benjamin Saunders  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: National Childrens Alliance  
Total: $ 143,876

Disseminating Trauma-Focused CBT to Child Welfare Therapists: Web-Based Model
Pl: Benjamin Saunders  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: Allegheny-Singer Research Institute  
Total: $ 14,318

Smith, Joshua

**Co-Investigator**

Phased Treatment for Social Anxiety and Hazardous Drinking
Pl: Carrie Randall  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIAAA  
Total: $ 388,550

Sonne, Susan

**Co-Investigator**

Southern Consortium Node of the Clinical Trials Network
Pl: Kathleen Brady  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIDA  
Total: $ 1,049,690

South Carolina Clinical and Translational Research Institute (UL1)
Pl: Kathleen Brady  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NCRR  
Total: $ 2,477,854

Spratt, Eve

**Co-Investigator**

Biomarkers in Autism of Aripiprazole and Risperidone Treatment (BAART)
Pl: C. Devane  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NICHD  
Total: $ 461,289

Stewart, Scott

**Principal Investigator**

Phosphatidylethanol as an Alcohol Biomarker in Patients with Liver Disease
Sponsor: NIH/NIAAA  
Budget Dates: 09/01/10 - 08/31/11  
Direct: $ 199,295

Drug Abuse Research Training
Pl: Sudie Back  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIDA  
Total: $ 296,476

Genetic and Brain Mechanisms of Naltrexone’s Treatment Efficacy for Alcoholism
Pl: Raymond Anton, Jr.  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIAAA  
Total: $ 383,305

Sweat, Michael

**Principal Investigator**

HIV Prevention Program Research and Evaluation
Sponsor: Johns Hopkins Univ.  
Budget Dates: 10/01/08 - 09/30/13  
Direct: $ 90,164

Cost-Effectiveness of HIV-Related Mental Health Interventions
Sponsor: NIH/NIMH  
Budget Dates: 09/01/10 - 08/31/12  
Direct: $ 251,465

Medical University of South Carolina
Sweat, Michael  
**Principal Investigator**  
**Community-Based VCT: Tanzania**  
Sponsor: NIH/NIMH  
Award: 5 U01 MH066688-09 (10041305)  
Budget Dates: 07/01/10 - 06/30/12  
Direct: $715,835  
F & A: $139,890  

**Community-Based VCT: Tanzania**  
Sponsor: NIH/NIMH  
Award: 3 U01 MH066688-09S1 (10041623)  
Budget Dates: 07/01/10 - 06/30/11  
Direct: $978,265  
F & A: $17,180  

**Efficacy of HIV Posttest Support for ANC in South Africa**  
Sponsor: Unv. of North Carolina  
Award: 5-50580/R01 HD050134 (10100791)  
Budget Dates: 09/01/10 - 08/31/12  
Direct: $15,793  
F & A: $7,501  

**Synthesizing HIV Behavioral Intervention Effectiveness in Developing Countries**  
Sponsor: NIH/NIMH  
Award: 3 U01 MH066688-09S1 (11010628)  
Budget Dates: 10/01/02 - 06/30/11  
Direct: $268,555  
F & A: $97,652  

**Co-Investigator**  
**Family-Based Treatment for Parental Substance Abuse and Child Maltreatment**  
Pl: Cynthia Swenson  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIDA  
Award: 1 R01 DA029726-01 (09092921)  
Total: $449,998  

Swenson, Cynthia  
**Principal Investigator**  
**MST Model with Child Maltreatment**  
Sponsor: MST Group, LLC  
Award: MST Contract (09030628)  
Budget Dates: 03/01/09 - 06/30/12  
Direct: $55,754  
F & A: $13,938  

**Family-Based Treatment for Parental Substance Abuse and Child Maltreatment**  
Sponsor: NIH/NIDA  
Award: 1 R01 DA029726-01 (09092921)  
Budget Dates: 08/01/10 - 07/31/11  
Direct: $449,998  
F & A: $213,749  

Thomas, Suzanne  
**Co-Investigator**  
**Development and Evaluation of an Online Dental Student Alcohol Curriculum**  
Pl: Peter Miller  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIAAA  
Award: 1 R25 AA019647-01A1 (10051222-1)  
Total: $145,130  

**Phased Treatment for Social Anxiety and Hazardous Drinking**  
Pl: Carrie Randall  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIAAA  
Award: 5 R01 AA013379-07 (10071335-1)  
Total: $388,550  

Tolliver, Bryan  
**Principal Investigator**  
**Treatment of Alcohol Dependence and Co-Morbid Bipolar Disorder**  
Sponsor: NIH/NIAAA  
Award: 5 K23 AA017666-03 (11031127)  
Budget Dates: 05/01/11 - 04/30/12  
Direct: $201,987  
F & A: $15,689  

**Co-Investigator**  
**ORWH: SCOR on Sex and Gender Factors Affecting Women's Health (Project 2)**  
Pl: Kathleen Brady  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIDA  
Award: 5 P50 DA016511-09 (10042959-3)  
Total: $155,709  

Tuerk, Elena  
**Co-Investigator**  
**Cost-Effectiveness of HIV-Related Mental Health Interventions**  
Pl: Michael Sweat  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIMH  
Award: 1 RC1 MH088950-01 (09042387-2)  
Total: $251,465  

**Family-Based Treatment for Parental Substance Abuse and Child Maltreatment**  
Pl: Cynthia Swenson  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIDA  
Award: 1 R01 DA029726-01 (09092921)  
Total: $449,998  

Tuerk, Peter  
**Principal Investigator**  
**Psychophysiology of Prolonged Exposure of PTSD with/without Yohimbine**  
Sponsor: VAMC  
Award: (10051961)  
Budget Dates: 07/01/10 - 06/30/11  
Direct: $69,900  
F & A: 0  

**Co-Investigator**  
**Integrated Treatment of OEF/OIF Veterans with PTSD and Substance Use Disorders**  
Pl: Sudie Back  
Dept: Psychiatry and Behavioral Sciences  
Sponsor: NIH/NIDA  
Award: 1 R01 DA030143-01 (09122123-1)  
Total: $259,735
Tuerk, Peter

**Co-Investigator**

**Exposure Therapy with and without Simultaneous TMS for PTSD**

- **PI:** Mark George
- **Sponsor:** US Army/USAMRAA
- **Dept:** Psychiatry and Behavioral Sciences
- **Award:** W81XWH-10-2-0194 (10011288-1)
- **Total:** $126,044

**Randomized, Controlled Trial of Sertraline, Prolonged Exposure Therapy and Their Combination of OEF/OIF with PTSD**

- **PI:** Ron Acierno
- **Sponsor:** Univ. of Michigan
- **Dept:** Psychiatry and Behavioral Sciences
- **Award:** V-SUBMUSC-11-30/W81XWH-11 (10030416-1)
- **Total:** $367,774

**Integrated Treatment of OEF/OIF Veterans with PTSD and Substance User Disorders**

- **PI:** Sudie Back
- **Sponsor:** NIH/NIDA
- **Dept:** Psychiatry and Behavioral Sciences
- **Award:** 5 R01 DA03143-02 (11032801-1)
- **Total:** $230,811

Uhde, Thomas

**Principal Investigator**

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

- **Sponsor:** Charleston Research Institute
- **Dept:** Psychiatry and Behavioral Sciences
- **Award:** W81XWH-08-2-0047 (08052722)
- **Budget Dates:** 04/01/11 - 03/31/12
- **Direct:** $84,867

**Trauma Management Therapy for OEF and OIF Combat Veterans**

- **Sponsor:** Univ. of Central Florida
- **Dept:** Psychiatry and Behavioral Sciences
- **Award:** VA247-P-1425/PO 534-D0715 (10092949)
- **Budget Dates:** 09/28/10 - 12/28/10
- **Direct:** $49,000

**Pfizer's Medical and Academic Partnerships (MAP): Neurology-Psychiatry Visiting Professorship**

- **Sponsor:** Pfizer Fdn.
- **Dept:** Psychiatry and Behavioral Sciences
- **Award:** 1 K01 MH090548-01A1 (10030824-1)

Voronin, Konstantin

**Co-Investigator**

**Genetic and Brain Mechanisms of Naltrexone’s Treatment Efficacy for Alcoholism**

- **PI:** Raymond Anton, Jr.
- **Sponsor:** NIH/NIAAA
- **Dept:** Psychiatry and Behavioral Sciences
- **Award:** 5 R01 AA017633-03 (11030156-1)
- **Total:** $383,305

Wang, Zhewu

**Principal Investigator**

**R and D Genotyping and Statistical Analysis**

- **Sponsor:** Augusta VA Medical Center
- **Dept:** Psychiatry and Behavioral Sciences
- **Award:** VA247-P-1425/PO 534-D0715 (10092949)
- **Budget Dates:** 09/28/10 - 12/28/10
- **Direct:** $49,000

Radiation Oncology

Gattoni-Celli, Sebastiano

**Principal Investigator**

**Vitamin D Supplementation in African American Veterans with Prostate Cancer**

- **Sponsor:** VAMC
- **Dept:** Neurosciences
- **Award:** (09041032)
- **Budget Dates:** 01/01/11 - 12/31/11
- **Direct:** $219,600

**Co-Investigator**

**Pesticides, Paraoxonase and Alzheimer's Disease**

- **PI:** Mark Kindy
- **Sponsor:** NIH/NIEHS
- **Dept:** Psychiatry and Behavioral Sciences
- **Award:** 5 R01 ES016774-02 (08090466-2)
- **Total:** $275,000

Jenrette, Joseph

**Principal Investigator**

**Radiation Therapy Oncology Group (RTOG)**

- **Sponsor:** Radiation Therapy Oncology Group
- **Dept:** Urology
- **Award:** RTOG #4501/U10 CA021661 (11050987)
- **Budget Dates:** 01/01/09 - 12/31/11
- **Direct:** $5,299

**Marshall, David**

**Co-Investigator**

**A randomized study to compare the impact of using degarelix or leuprolide in intermediate risk prostate cancer treated with short-course hormonal therapy and radiotherapy.**

- **PI:** Thomas Keane, MD
- **Sponsor:** Ferring Pharmaceuticals
- **Dept:** Urology
- **Award:** Ferring IIS (11120251-1)
- **Total:** $89,894
Sharma, Anand
Principal Investigator
A Phase 2b, Multi-Center, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Efficacy and Safety of Three Different Doses of SCV-07 in Attenuating Oral Mucositis in Subjects with Head and Neck Cancer Receiving Concurrent Chemotherapy and Radiotherapy
Sponsor: Sciclone Pharmaceuticals
Budget Dates: 06/01/11 - 05/31/16
Direct: $ 63,300
Award: SCI-SCV-MVC-P2b-002 (11051317)
Project Dates: 06/01/11 - 05/31/16
F & A: $ 15,075

Radiology
Brown, Truman
Principal Investigator
Real Time Motion Correction for Brain MRI
Sponsor: NIH/NIBIB
Budget Dates: 11/01/10 - 10/31/12
Direct: $ 96,948
Award: 7 R21 EB006877-03 (10121049)

Metabolomics-Based Rapid Biodosimetry for Partial-Body Radiation Exposure
Sponsor: Columbia Univ.
Budget Dates: 10/16/10 - 07/31/11
Direct: $ 14,454
Award: 1/5-75311/HDTRA1-07-1-002 (11011364)

31P Bioenergetics in Stroke
Sponsor: Siemens Medical Solutions USA
Budget Dates: 03/01/11 - 06/01/13
Direct: $ 44,500
Award: MUSC-2010-MR-01-01-Brown- (11021465)

Campbell, Amy
Principal Investigator
ACRIN 6688: A Phase II Study of 3'-deoxy-3'-18F Fluorothymidine (FLT) in Invasive Breast Cancer
Sponsor: Amer. Coll. of Radiology
Budget Dates: 06/01/10 - 12/31/11
Direct: $ 48,004
Award: CA80098 (10051968)

Chaudry, M.
Principal Investigator
Gaining Efficacy Long Term: Hydrosoft, an Emerging, New, Embolic Coil(Gel-the-nec) A Prospective, Registry Evaluating the Safety, Ease of Use, and Efficacy of the HydroSoft Coil as a Finishing Device
Sponsor: Mayo Clinic
Budget Dates: 02/01/10 - 06/30/12
Direct: $ 11,200
Award: (10011811)

Cole, Elodia
Principal Investigator
Mammography Algorithm Engine Clinical Trial FDA Submission
Sponsor: VuCOMP
Budget Dates: 09/09/10 - 12/31/11
Direct: $ 3,167
Award: (10060754)

Guimaraes, Marcelo
Principal Investigator
Use of Hydrogel Filaments for the Embolization of Arteries, Veins and Vascular Injuries: Pilot Study in a Swine Animal Model
Sponsor: Terumo Medical Corp.
Budget Dates: 05/12/10 - 03/31/11
Direct: $ 5,160
Award: May 12 Training (10062312)

Detachable Nester Embolization Coil Proof of Concept Testing
Sponsor: Cook, Inc.
Budget Dates: 04/12/10 - 03/31/11
Direct: $ 10,490
Award: April Training Event (10071228)

Coils Embolizations in Animal Model: Comparative Study among the Devices Currently Available for Peripheral Applications
Sponsor: SET Foundation
Budget Dates: 10/04/10 - 04/30/11
Direct: $ 13,701
Award: (10100896)

A Multi-Center Study of Sensitivity and Specificity of a Novel Pneumothorax Detection Device in CT-Guided, Floroscopic Imaging Lung Biopsy Patients
Sponsor: PneumoSonics, Inc.
Budget Dates: 11/18/10 - 11/21/12
Direct: $ 29,800
Award: (10111774)
**Guimaraes, Marcelo**  
**Principal Investigator**

**Electromagnetic Tracking of Devices During Interventional Procedures**

- **Sponsor:** Philips Medical Systems, NA
- **Award:** 20100517 (10120944)
- **Budget Dates:** 12/01/10 - 06/30/12
- **Direct:** $23,838
- **F & A:** $5,335

**PEARL II: PEripheral Use of AngioJet Rheolytic Thrombectomy with a Variety of Catheter Lengths II**

- **Sponsor:** Medrad, Inc.
- **Award:** PEARL II (11033014)
- **Budget Dates:** 04/06/11 - 04/05/14
- **Direct:** $25,880
- **F & A:** $5,720

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**Hannegan, Chris**  
**Principal Investigator**

**The GORE VIATORR TIPS Endoprosthesis versus Large-Volume Paracentesis for the Treatment of Ascites in Patients with Chronic Liver Disease**

- **Sponsor:** W.L. Gore and Associates, Inc.
- **Award:** VTR 10-03 (10102050)
- **Budget Dates:** 10/25/10 - 10/31/12
- **Direct:** $102,350
- **F & A:** $24,963

**Helpern, Joseph**  
**Principal Investigator**

**Quantitative MRI of Microstructure and Iron Homeostasis in ADHD Brain**

- **Sponsor:** NIH/NIBIB
- **Award:** 7 R01 EB007656-03 (10090755)
- **Budget Dates:** 10/01/10 - 04/30/12
- **Direct:** $322,781
- **F & A:** $153,321

**Quantitative MRI of Iron Homeostasis, Atrophy and Tissue Structure in AD Brain**

- **Sponsor:** NIH/NIA
- **Award:** 7 R01 AG027852-05 (10093062)
- **Budget Dates:** 04/01/11 - 03/31/12
- **Direct:** $283,615
- **F & A:** $134,718

**Quantitative MRI of Iron Homeostasis, Atrophy and Tissue Structure in AD Brain**

- **Sponsor:** NIH/NIA
- **Award:** 5 R01 AG027852-06 (11022849)
- **Budget Dates:** 04/15/07 - 03/31/12
- **Direct:** $290,277
- **F & A:** $137,881

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**Hill, Jeanne**  
**Principal Investigator**

**Achieving Excellence in Communication Skills: Development and Implementation of an Objective Structured Clinical Examination to Evaluate Radiology Specific Communication Skills**

- **Sponsor:** Radiological Soc. of No. America
- **Award:** ERD1002 (10010868)
- **Budget Dates:** 07/01/10 - 06/30/11
- **Direct:** $9,984
- **F & A:** $0

**Standardization of Videofluoroscopic Swallow Studies for Bottle-Fed Children**

- **PI:** Bonnie Martin-Harris
- **Dept:** Otolaryngology
- **Award:** 2001191161/R01 DC011290-0 (10020229-1)

**MATHEUS, GISELE**

**SAFETY AND EFFICACY EVALUATION OF DOTAREM?? IN MAGNETIC RESONANCE IMAGING (MRI) IN PATIENTS WITH CENTRAL NERVOUS SYSTEM (CNS) LESIONS (SENTIO Study)**

- **PI:** Donna Roberts
- **Dept:** Radiology
- **Award:** DGD-44-050 (11042625-1)

**Morgan, Paul**

**Trauma Management Therapy for OEF and OIF Combat Veterans**

- **PI:** Thomas Uhde
- **Dept:** Psychiatry and Behavioral Sciences
- **Award:** 24096033-01/W61XWH1120038 (08121722-1)

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

- **PI:** Kathleen Brady
- **Dept:** Psychiatry and Behavioral Sciences
- **Award:** 4 R33 DA026085-03 (10042857-1)

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**Mentor**

**Trauma-Related Olfactory Cues in Posttraumatic Stress Disorder**

- **PI:** Bernadette Cortese
- **Dept:** Psychiatry and Behavioral Sciences
- **Award:** 1 K01 MH090548-01A1 (10030824-1)

**Characterization of Intracranial Atherosclerotic Stenosis Using HR MRI**

- **PI:** Tanya Turan
- **Dept:** Neurosciences
- **Award:** 1 K23 NS069668-01A1 (10072077-1)

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**Pisano, Etta**  
**Principal Investigator**

**Carolina Center of Cancer Nanotechnology Excellence -- SubProject: Stationary Breast Tomosynthesis**

- **Sponsor:** Univ. of North Carolina
- **Award:** 6-31450/U54 CA151652-01 (10101324)
- **Budget Dates:** 09/01/10 - 07/31/11
- **Direct:** $13,041
- **F & A:** $6,195
Pisano, Etta

**Principal Investigator**

*A Multi-Center, Clinical Study to Acquire Xpress Digital Mammography System Images for Computer Aided Detection Development*

Sponsor: Konica Minolta Medical Imaging USA  
**Budget Dates:** 11/01/10 - 03/01/11  
**Direct:** $17,397  
**Award:** Konica Minolta (10101325)  
**Project Dates:** 11/01/10 - 03/01/11  
**F & A:** $4,350

**Dedicated Breast CT System Pilot Study of Lesion**

Sponsor: Zumatek, Inc.  
**Budget Dates:** 10/01/10 - 09/30/11  
**Direct:** $20,339  
**Award:** (10101537)  
**Project Dates:** 10/01/10 - 09/30/12  
**F & A:** $9,661

**Reader Accuracy Protocol for the Sectra MicroDose Mammography L30: Multi-Reader, Multi-Case Comparison of the Sectra MicroDose Mammography L30 to the GE Digital Mammography System**

Sponsor: ACR Image Metrix  
**Budget Dates:** 07/01/10 - 03/31/11  
**Direct:** $24,282  
**Award:** Sectra (10102884)  
**Project Dates:** 07/01/10 - 03/31/11  
**F & A:** $6,071

**Koning Breast CT**

Sponsor: Koning Corporation  
**Budget Dates:** 05/26/11 - 12/31/11  
**Direct:** $60,763  
**Award:** (12010044)  
**Project Dates:** 05/26/11 - 12/31/11  
**F & A:** $28,863

Ravenel, James

**Principal Investigator**

*ACRIN 6654: National Lung Screening Trial (NLST)*

Sponsor: Amer. Coll. of Radiology  
**Budget Dates:** 01/01/06 - 12/31/11  
**Direct:** $40,000  
**Award:** CA80098 (02091903)  
**Project Dates:** 01/01/06 - 12/31/11  
**F & A:** $10,000

**A Retrospective Chest X-Ray Image Collection Study for CAD Development**

Sponsor: VuCOMP  
**Budget Dates:** 11/01/10 - 02/28/12  
**Direct:** $26,032  
**Award:** CAD Development (10112397)  
**Project Dates:** 11/01/10 - 02/28/12  
**F & A:** $5,883

Roberts, Donna

**Principal Investigator**

*Safety and Efficacy Evaluation of Dotarem?? in Magnetic Resonance Imaging (MRI) in Patients with Central Nervous System (CNS) Lesions (Sentio Study)*

Sponsor: NIH/NINC  
**Budget Dates:** 06/09/11 - 06/08/12  
**Direct:** $127,139  
**Award:** DGD-44-050 (11042625)  
**Project Dates:** 06/09/11 - 06/08/12  
**F & A:** $29,298

Rosol, Michael

**Co-Investigator**

*Hematopoietic Stem Cell-Derived Carcinoma Associated Fibroblasts in Tumor*  
Pl: Amanda LaRue  
Sponsor: NIH/NCI  
**Total:** $207,499  
**Award:** 1 R01 CA148772-01A1 (10030201-1)

Rumboldt, Zoran

**Principal Investigator**

*CT Perfusion in Head and Neck Cancer*

Sponsor: Siemens Medical Solutions USA  
**Budget Dates:** 09/01/10 - 12/31/11  
**Direct:** $43,452  
**Award:** MUSC-2010-CT-Rumboldt-364 (10021939)  
**Project Dates:** 09/01/10 - 12/31/11  
**F & A:** $10,238

**Mentor**

*Characterization of Intracranial Atherosclerotic Stenosis Using HR MRI*  
Pl: Tanya Turan  
Sponsor: NIH/NINDS  
**Total:** $160,814  
**Award:** 1 K23 NS069668-01A1 (10072077-1)

Schoepf, Uwe

**Principal Investigator**

*Cost-Effectiveness and Cost-Benefit of Multi-Slice Coronary CT Angiography versus Cardiac Catheterization in Patients with Abnormal Myocardial Perfusion Studies*

Sponsor: Siemens Medical Solutions USA  
**Budget Dates:** 06/30/10 - 06/30/12  
**Direct:** $120,763  
**Award:** MUSC-2010-CT-36024-Schoep (10062851)  
**Project Dates:** 06/30/10 - 06/30/12  
**F & A:** $29,441

**Personalized Patient Contrast Protocols for Lower Extremity CTA Run-Off Studies**

Sponsor: Medrad, Inc.  
**Budget Dates:** 05/19/11 - 11/30/11  
**Direct:** $47,237  
**Award:** P3T (11110061)  
**Project Dates:** 05/19/11 - 11/30/11  
**F & A:** $11,810

**Computed Tomography Dose Reduction Using Sequential or Fast Pitch Spiral Technique Employed in Cardiothoracic Imaging (CT DOSE)**

Sponsor: William Beaumont Hospital, Research Inst.  
**Budget Dates:** 05/04/11 - 03/31/12  
**Direct:** $10,679  
**Award:** CT DOSE (11110062)  
**Project Dates:** 05/04/11 - 03/31/12  
**F & A:** $2,420

**Low-Radiation Dose Coronary Computed Tomography Angiography: Comparison of Diagnostic Performance and Image Quality between Two Different Image Reconstruction Algorithms**

Sponsor: Siemens Medical Solutions USA  
**Budget Dates:** 04/11/11 - 04/01/12  
**Direct:** $160,649  
**Award:** MUSC-2011-CT-Schoepf-3819 (11110081)  
**Project Dates:** 04/11/11 - 04/01/12  
**F & A:** $39,413
Schonholz, Claudio

**Principal Investigator**

**GORE FREEDOM Study**

Sponsor: W.L. Gore and Associates, Inc.
Award: FRS 09-05 (11040862)

**Budget Dates:** 05/24/11 - 05/30/12  
**Direct:** $32,550

**Sponsor:** W.L. Gore and Associates, Inc.
**Total:** $43,452

**Schonholz, Claudio**

**Co-Investigator**

**CT Perfusion in Head and Neck Cancer**

PI: Zoran Rumboldt
Dept: Radiology

**Sponsor:** Siemens Medical Solutions U
**Total:** $43,452

**Spampinato, Maria**

**Co-Investigator**

**CT Perfusion in Head and Neck Cancer**

PI: Zoran Rumboldt
Dept: Radiology

**Sponsor:** Siemens Medical Solutions U
**Total:** $43,452

**Spicer, Kenneth**

**Co-PI/Project Director**

**Amyloid Imaging, VMCI, and Analysis for ADNI**

Dept: Neurosciences

**Sponsor:** Univ. of California, San Diego
**Total:** $72,300

**Alzheimer's Disease Neuroimaging Initiative**

PI: Jacobo Mintzer
Dept: Neurosciences

**Sponsor:** Univ. of California, San Diego
**Total:** $525,731

**Continued Efficacy and Safety Monitoring of Solanezumab, an Anti-Amyloid Beta Antibody in Patients with Alzheimer's Disease**

PI: Jacobo Mintzer
Dept: Neurosciences

**Sponsor:** Quintiles Pacific, Inc.
**Total:** $335,737

**Co-Investigator**

**Bapineuzumab In Patients with Mild to Moderate Alzheimer's Disease (ApoE4 Non-Carrier)**

PI: Jacobo Mintzer
Dept: Neurosciences

**Sponsor:** Pfizer, Inc.
**Total:** $234,252

**Turk, III, Aquilla**

**Principal Investigator**

**Pulsar Vascular August 4/5 Chronic Evaluation of Pulsar Device in Five (5) Animals**

Sponsor: Pulsar Vascular, Inc.
Award: VP-0117 (10070177)

**Budget Dates:** 07/12/10 - 12/31/10  
**Direct:** $104,486

**A Retrospective Case Review of Revascularization Time and Clinical Outcome in Patients Treated by the Penumbra System(R) 054 Reperfusion Catheter**

Sponsor: Penumbra, Inc.
Award: (10072079)

**Budget Dates:** 07/16/10 - 07/15/12  
**Direct:** $4,100

**Penumbra Animal Lab 1-12-11**

Sponsor: Penumbra, Inc.
Award: 1-12 Event (11011146)

**Budget Dates:** 01/12/11 - 01/31/12  
**Direct:** $11,140

**Neurointerventional Surgery Fellowship Program**

Sponsor: MicroVention, Inc.
Award: Neurointerventional Surge (11110067)

**Budget Dates:** 05/31/11 - 06/30/12  
**Direct:** $50,000

**Pilot Study of IV C-Arm CT Angiography (CTA) for the Quantitative Assessment of In-stent Restenosis (ISR)**

Sponsor: Siemens Medical Solutions USA
Award: MUSC-2011-AX-02-38426-02- (11110068)

**Budget Dates:** 06/29/11 - 05/31/12  
**Direct:** $91,825

**Co-Investigator**

**Gaining Efficacy Long Term: Hydrosoft, an Emerging, New, Embolic Coil(Gel-the-nec) A Prospective, Registry Evaluating the Safety, Ease of Use, and Efficacy of the HydroSoft Coil as a Finishing Device**

PI: M. Chaudry
Dept: Radiology

**Sponsor:** Mayo Clinic
**Total:** $11,200

**TP0055 Stress Test Evaluation OPMF System**

PI: Raymond Turner
Dept: Neurosciences

**Sponsor:** MindFrame, Inc.
**Total:** $18,774

**Testing of the Hydrophilic Coated Neuropath Guiding Catheter in an In-Vivo Model; Design Validation Protocol for Micrus One2One 0.014 Guidewire Compared to Transend EX and Product Compatibility; Testing of the Siphon Aspiration Catheter in an In-Vivo Model**

PI: Raymond Turner
Dept: Neurosciences

**Sponsor:** Micrus Endovascular Corp.
**Total:** $15,390
### Turk, III, Aquilla

Co-Investigator

**MindFrame Training Event (07/11) - Stress Test Evaluation for Vessel Tolerance of the MindFrame System with Multiple Device Use in Native Swine Arteries Versus Competetive Device Control**
- PI: Raymond Turner
- Sponsor: MindFrame, Inc.
- Total: $16,512
- Dept: Neurosciences
- Award: July Event (11031650-1)

Codman Training Grant - Work Order #1
- PI: Raymond Turner
- Sponsor: Codman and Shurtleff, Inc.
- Total: $12,186
- Dept: Neurosciences
- Award: Work Order 1 (11042949-1)

### Regenerative Medicine and Cell Biology

#### Argraves, Kelley

**Principal Investigator**

**HDL-Associated STP as an Indicator of Relative Risk for Cardiovascular Disease**
- Sponsor: NIH/NHLBI
- Budget Dates: 08/01/10 - 07/31/12
- Direct: $125,000
- Award: 5 R21 HL094883-02 (10061011)
  - Project Dates: 08/01/09 - 07/31/12
  - F & A: $59,375

**Fibulin-1 Regulation of the DiGeorge Syndrome Pathogenesis Pathway**
- Sponsor: NIH/NHLBI
- Budget Dates: 12/01/10 - 11/30/11
- Direct: $250,000
- Award: 5 R01 HL095067-03 (10111561)
  - Project Dates: 12/01/08 - 11/30/12
  - F & A: $118,750

**Palmetto Academy Site at MUSC**
- Sponsor: Coll. of Charleston
- Budget Dates: 05/01/11 - 04/30/12
- Direct: $31,600
- Award: NNX10AM76H/18-SG-MUSC-Arg (10121055)
  - Project Dates: 05/01/11 - 04/30/12
  - F & A: $0

#### Argraves, W.

**Principal Investigator**

**Building a Vascular Tree Using Uniluminal Vascular Spheroids Comprised of Vascular Cells Made from Human Induced Pluripotent Stem Cells**
- Sponsor: SC Research Authority
- Budget Dates: 07/01/10 - 06/30/11
- Direct: $50,000
- Award: TO #0055 (10032619)

**Fibulin-1 Regulation of the DiGeorge Syndrome Pathogenesis Pathway**
- Sponsor: NIH/NHLBI
- Budget Dates: 12/01/10 - 11/30/11
- Direct: $250,000
- Award: 5 R01 HL095067-03 (10111561)
  - Project Dates: 12/01/08 - 11/30/12
  - F & A: $118,750

**Palmetto Academy Site at MUSC**
- Sponsor: Coll. of Charleston
- Budget Dates: 05/01/11 - 04/30/12
- Direct: $31,600
- Award: NNX10AM76H/18-SG-MUSC-Arg (10121055)
  - Project Dates: 05/01/11 - 04/30/12
  - F & A: $0

#### Aseem, Obaidullah

**Principal Investigator**

**The Role of Cubilin in High Density Liporotein Homeostasis**
- Sponsor: Amer. Heart Assoc./Mid-Atlantic
- Budget Dates: 07/01/10 - 06/30/11
- Direct: $23,000
- Award: 10PRE3870038 (10011174)
  - Project Dates: 07/01/10 - 06/30/12
  - F & A: $0

#### Barth, Jeremy

**Co-Investigator**

**Apopose-Derived Progenitor Cells for Engineering an Intra-Organ Vascular Tree**
- PI: Richard Visconti
- Sponsor: SC Research Authority
- Total: $75,000
- Dept: Regenerative Medicine and Cell Biology
- Award: TO #0054 (10032507-1)

**SC Cobre for Cardiovascular Diseases: Core C - Proteogenomics**
- PI: Roger Markwald
- Sponsor: NIH/NCRR
- Total: $163,592
- Dept: Regenerative Medicine and Cell Biology
- Award: 5 P20 RR016434-10 (10042856-11)

**Palmetto Academy Site at MUSC**
- PI: W. Argraves
- Sponsor: Coll. of Charleston
- Total: $31,600
- Dept: Regenerative Medicine and Cell Biology
- Award: NNX10AM76H/18-SG-MUSC-Arg (10121055-1)

#### Boockfor, Fredric

**Principal Investigator**

**Prolactin Gene Expression Dynamics and Mammatrope Function**
- Sponsor: NIH/NIDDK
- Budget Dates: 04/01/11 - 03/31/12
- Direct: $196,902
- Award: 5 R01 DK073270-05 (11021703)
  - Project Dates: 05/01/07 - 03/31/12
  - F & A: $90,575
Borg, Thomas

**Principal Investigator**

**Dynamic Interaction Between Cardiac Fibroblasts, Myocytes, and the ECM**

- **Sponsor:** NIH/NHLBI
- **Award:** 5 R01 HL085847-04 (11040543)

**Budget Dates:** 04/01/11 - 03/31/12
**Direct:** $ 300,076

**Project Dates:** 04/01/08 - 03/31/13
**F & A:** $ 64,732

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Cooley, Marion

**Co-Investigator**

**Fibulin-1 Regulation of the DiGeorge Syndrome Pathogenesis Pathway**

- **Pl:** W. Argraves
- **Dept:** Regenerative Medicine and Cell Biology
- **Sponsor:** NIH/NHLBI
- **Award:** 5 R01 HL095067-03 (10111561-1)

**Total:** $ 250,000

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Drake, Christopher

**Principal Investigator**

**HSC-Derived Fibroblasts in Normal and Diseased Valves**

- **Sponsor:** NIH/NHLBI
- **Award:** 5 R01 HL080168-05 (11041904)

**Budget Dates:** 06/01/11 - 05/31/12
**Direct:** $ 250,000

**Project Dates:** 08/15/07 - 05/31/12
**F & A:** $ 115,000

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Ghatak, Shibnath

**Co-Investigator**

**SC Cobre for Cardiovascular Diseases: Project 2**

- **Pl:** Roger Markwald
- **Dept:** Regenerative Medicine and Cell Biology
- **Sponsor:** NIH/NCRR
- **Award:** 5 P20 RR016434-10 (10042856-1)

**Total:** $ 145,500

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Gourdie, Robert

**Principal Investigator**

**Cx43: A Novel Factor Determining Cardiac Injury Severity of Diabetics**

- **Sponsor:** Amer. Heart Assoc./Mid-Atlantic
- **Award:** 09GRNT2261357 (09050486)

**Budget Dates:** 07/01/10 - 06/30/11
**Direct:** $ 70,000

**Project Dates:** 07/01/09 - 06/30/11
**F & A:** $ 7,000

**Engineered Regenerative Repair of Cranial-Facial Muscle Bundles**

- **Sponsor:** Univ. of South Carolina
- **Award:** 11-1832/R01 DE019355-01 (09031042)

**Budget Dates:** 06/20/10 - 04/30/11
**Direct:** $ 91,667

**Project Dates:** 06/20/10 - 04/30/14
**F & A:** $ 43,542

**Gap Junctional Patterning in the Developing Heart**

- **Sponsor:** NIH/NHLBI
- **Award:** 5 R01 HL056728-11 (11041904)

**Budget Dates:** 03/01/11 - 02/29/12
**Direct:** $ 226,610

**Project Dates:** 04/01/11 - 02/28/14
**F & A:** $ 105,265

**Engineered Regenerative Repair of Cranial-Facial Muscle Bundles**

- **Sponsor:** Univ. of South Carolina
- **Award:** 11-1832/R01 DE019355-02 (11051198)

**Budget Dates:** 05/01/11 - 04/30/12
**Direct:** $ 76,666

**Project Dates:** 06/20/10 - 04/30/14
**F & A:** $ 36,416

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Grass, George

**Principal Investigator**

**Functional Interactions of Hyaluronan, CD44, and Emmprin in Breast Cancer Progression**

- **Sponsor:** DOD
- **Award:** W81XWH-10-1-0083 (09031042)

**Budget Dates:** 02/01/11 - 03/31/12
**Direct:** $ 40,000

**Project Dates:** 02/01/10 - 02/28/13
**F & A:** $ 2,000

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Harris, Brett

**Principal Investigator**

**Intracellular Sorting of Connexin43 by the Ubiquitin Ligase Wwp1**

- **Sponsor:** Univ. of South Carolina
- **Award:** 11-1966/R01HL104030-01 (11031545)

**Budget Dates:** 05/01/11 - 04/30/12
**Direct:** $ 20,339

**Project Dates:** 05/01/11 - 04/30/12
**F & A:** $ 9,661

**Co-PI/Project Director**

**SC Cobre for Cardiovascular Diseases: Project 4**

- **Pl:** Roger Markwald
- **Dept:** Regenerative Medicine and Cell Biology
- **Sponsor:** NIH/NCRR
- **Award:** 5 P20 RR016434-10 (10042856-4)

**Total:** $ 126,100

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**Co-Investigator**

**Gap Junctional Patterning in the Developing Heart**

- **Pl:** Robert Gourdie
- **Dept:** Regenerative Medicine and Cell Biology
- **Sponsor:** NIH/NHLBI
- **Award:** 5 R01 HL056728-11 (11012865-1)

**Total:** $ 226,610

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Hoover, Loretta

**Principal Investigator**

**Interactions between TGFbeta and Retinoid Signaling in Cardiac Development**

- **Sponsor:** NIH/NHLBI
- **Award:** 5 F30 HL094047-03 (10092116)

**Budget Dates:** 09/01/10 - 08/31/11
**Direct:** $ 34,729

**Project Dates:** 09/01/09 - 08/31/11
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<td>The Role of Fluid Flow in Valvulogenesis</td>
<td>Univ. of South Carolina</td>
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<td>Mitral Valve Disease: from Genetic Mechanisms to Improved Repair</td>
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<td>Csgp2 Gene and Cardiac Outlet Morphogenesis</td>
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<td>Gap Junctional Patterning in the Developing Heart</td>
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<td>The Effect of Taliderm on Infected Wounds in a Mouse Model</td>
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<td>Pathogenetic Mechanisms of Myxomatous Mitral Valve Dystrophy</td>
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Palatinus, Joseph

**Principal Investigator**

**Connexin 43 Gap Junction Dynamics in the Diabetic Heart**

Sponsor: NIH/NHLBI  
Award: 5 F30 HL095320-03 (10111768)  
Budget Dates: 02/01/11 - 01/31/12  
Direct: $ 39,007

Pardue, Erin

**Principal Investigator**

**The Influence of Fibulin-1 on Hematopoietically Derived Cell Populations in Heart Valves**

Sponsor: Amer. Heart Assoc./Mid-Atlantic  
Award: 10PRE4020031 (10060782)  
Budget Dates: 07/01/10 - 06/30/11  
Direct: $ 23,000

Reaves, Titus

**Principal Investigator**

2011 Ernest Everett Just Scientific Symposium

Sponsor: SC Research Authority  
Award: TO #0059 (11012089)  
Budget Dates: 01/01/11 - 04/30/11  
Direct: $ 20,000

Sugi, Yukiko

**Principal Investigator**

The Role of BMP in Regulating Valvulogenesis

Sponsor: Amer. Heart Assoc./Mid-Atlantic  
Award: 10GRNT3900044 (10011285)  
Budget Dates: 01/01/11 - 12/31/11  
Direct: $ 70,000

**Co-Investigator**

SC Cobre for Cardiovascular Diseases: Core D - Molecular Tool Kit  
PI: Roger Markwald  
Sponsor: NIH/NCRR  
Total: $ 193,875  
Dept: Regenerative Medicine and Cell Biology  
Award: 5 P20 RR016434-10 (10042856-12)

Swaja, Richard

**Principal Investigator**

Biomechanical Characterization of Human Cartilaginous End-Plate

Sponsor: Clemson Univ.  
Award: 1281-7557-209-2007117 (08031179)  
Budget Dates: 07/01/10 - 06/30/11  
Direct: $ 4,896

A Novel Coating of Human Albumin PLASTIC to Inhibit Bacteria Colonization and Biofilm Formation on Orthopedic Implants

Sponsor: Clemson Univ.  
Award: 1386-201-2007443 (08100164)  
Budget Dates: 08/01/10 - 01/31/12  
Direct: $ 2,326

Engineering Chronic Spinal Cord Injury Lesion Cavity for Enhanced Regeneration

Sponsor: Clemson Univ.  
Award: 1482-201-2008131/W81XWH-1 (09120849)  
Budget Dates: 09/29/10 - 09/28/11  
Direct: $ 30,000

Tissue Engineering in Spinal Cord Regeneration

Sponsor: Clemson Univ.  
Award: 1116-7558-209-2006035 (10071440)  
Budget Dates: 04/01/10 - 03/31/11  
Direct: $ 15,753

COE for Regenerative Medicine: Endowment

Sponsor: MUSC Fdn.  
Award: (10080331)  
Budget Dates: 05/18/08 - 06/30/12  
Direct: $ 8,225

Tissue Engineering in Spinal Cord Regeneration

Sponsor: Clemson Univ.  
Award: 1116-7558-209-2006035 (11032377)  
Budget Dates: 04/01/11 - 03/31/12  
Direct: $ 18,486

Thompson, Robert

**Co-Investigator**

SC Cobre for Cardiovascular Diseases: Core B - Imaging  
PI: Roger Markwald  
Sponsor: NIH/NCRR  
Total: $ 147,703  
Dept: Regenerative Medicine and Cell Biology  
Award: 5 P20 RR016434-10 (10042856-10)

Toole, Bryan

**Principal Investigator**

Role of Emmprin and Hyaluronan in Glioma Invasiveness

Sponsor: Medical Coll. of Georgia  
Award: CK #373015 (11010739)  
Budget Dates: 07/01/10 - 06/30/11  
Direct: $ 50,000
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<td>Apipose-Derived Progenitor Cells for Engineering an Intra-Organ Vascular Tree</td>
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<td>Caveolin-1 Regulation of Altered Functions of Scleroderma Fibrocytes</td>
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<td>A Novel Coating of Human Albumin PLASTIC to Inhibit Bacteria Colonization and Biofilm Formation on Orthopedic Implants</td>
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<td>Wessels, Arno</td>
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<td>Mesenchymal-to-Myocardial Differentiation of the Dorsal Mesenchymal Protrusion</td>
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Wessels, Arno

**Co-Investigator**

Cspg2 Gene and Cardiac Outlet Morphogenesis  
PI: Corey Mjaatvedt  
Sponsor: NIH/NHLBI  
Total: $250,000  
Dept: Regenerative Medicine and Cell Biology  
Award: 5 R01 HL066231-09 (10120840-1)

Wilkerson, Brent

**Principal Investigator**

HDL-Associated STP in Endothelial Barrier Function and Atherosclerosis  
Sponsor: Amer. Heart Assoc./Mid-Atlantic  
Budget Dates: 07/01/10 - 06/30/11  
Direct: $23,000  
Dept: Regenerative Medicine and Cell Biology  
Award: 10PRE3910006 (10011282)

Yamaguchi, Naohiro

**Principal Investigator**

Calmodulin Regulation of Cardiac Ca2+ Transporting Channels  
Sponsor: Amer. Heart Assoc.  
Budget Dates: 07/01/10 - 06/30/11  
Direct: $70,000  
Dept: Regenerative Medicine and Cell Biology  
Award: 10SDG3500001 (10012130)

Yao, Hai

**Co-Investigator**

Biomechanical Characterization of Human Cartilaginous End-Plate  
PI: Richard Swaja  
Sponsor: Clemson Univ.  
Total: $15,837  
Dept: Regenerative Medicine and Cell Biology  
Award: 1281-7557-209-200717 (08031179-2)

Surgery

Baker, Megan

**Principal Investigator**

NSABP STAR Prevention (P-2) Trial  
Sponsor: NSABP  
Budget Dates: 08/01/10 - 05/31/12  
Direct: $3,273  
Dept: Regenerative Medicine and Cell Biology  
Award: PFED26-CSC-01 (10110209)

Baliga, Prabhakar

**Principal Investigator**

A Program to Increase Living Donations in African Americans  
Sponsor: NIH/NIDDK  
Budget Dates: 08/01/10 - 07/31/11  
Direct: $138,254  
Dept: Regenerative Medicine and Cell Biology  
Award: 5 R01 DK062596-09 (10061548)

Observational Study to Evaluate the Long Term Outcomes in Kidney Transplant Recipients Completing the STN Calcineurin Inhibitor-Sparing Study  
Sponsor: CTI Clinical Trial and Consulting Services, Inc.  
Budget Dates: 10/01/10 - 09/30/11  
Direct: $44,510  
Dept: Regenerative Medicine and Cell Biology  
Award: STN LT Study (10100580)

Proteogenomics for Organ Transplantation: Prediction, Diagnosis, Intervention  
Sponsor: Northwestern Univ.  
Budget Dates: 09/01/10 - 08/31/11  
Direct: $23,583  
Dept: Regenerative Medicine and Cell Biology  
Award: 60024957/U01 AI084146 (10102051)

Bratton, Charles

**Principal Investigator**

A Phase 3, Double-Dummy Multi-Center, Prospective, Randomized Study of the Efficacy and Safety of LCP-Tacro Tablets, Once Daily Compared to Prograf Capsules, Twice Daily, in Combination with Mycophenolate Mofetil for the Prevention of Acute Allograft Rejection in De Novo Adult Kidney Transplant Recipients  
Sponsor: PPD Development  
Budget Dates: 12/03/10 - 11/30/12  
Direct: $178,250  
Dept: Regenerative Medicine and Cell Biology  
Award: LCP-Tacro 3002 (10120732)

Camp, Ernest

**Principal Investigator**

Innovative Delivery Strategy for CaSm Gene Therapy in Pancreatic Cancer  
Sponsor: NIH/NCI  
Budget Dates: 09/01/10 - 08/31/11  
Direct: $160,600  
Dept: Regenerative Medicine and Cell Biology  
Award: 1 K08 CA142904-01A1 (09110647)

Chavin, Kenneth

**Principal Investigator**

The Hepatic Research Registry  
Sponsor: CellDirect, Inc.  
Budget Dates: 10/01/04 - 12/31/11  
Direct: $171,176  
Dept: Regenerative Medicine and Cell Biology  
Award: 04092001

A Phase 2, Randomized, Multi-Center, Placebo-Controlled, Doubled-Blinded, Parallel-Group Study to Evaluate the Efficacy, Safety, and Population Pharmacokinetics of Once-Daily Oral E5501 Tablets Used Up to 7 Days in Subjects with Chronic Liver Diseases and Thrombocytopenia Prior to Elective Surgical or Diagnostic Procedures  
Sponsor: CTI Clinical Trial and Consulting Services, Inc.  
Budget Dates: 09/21/09 - 09/20/12  
Direct: $38,696  
Dept: Regenerative Medicine and Cell Biology  
Award: E5501-G000-202 (09091144)
Chavin, Kenneth

**Principal Investigator**

**Protection of Steatotic Livers from Primary Nonfunction**
Sponsor: NIH/NIDDK

Budget Dates: 08/01/10 - 07/31/12
Direct: $193,123

**A Randomized, Open-Label, Parallel-Group, Multi-Center Trial to Compare the Efficacy and Safety of TrachoSil versus Standard Fleece Material for the Secondary Treatment of Local Bleeding in Hepatic Resection Surgery**
Sponsor: PPD Development

Budget Dates: 10/05/10 - 09/30/13
Direct: $228,820

**Cytopogam Administration in Abdominal Organ Transplant Recipients at High Risk for CMV Infections**
Sponsor: CSL Behring

Budget Dates: 02/14/11 - 02/13/13
Direct: $190,836

Cole, David

**Principal Investigator**

**Targeting Early Activated T Cells for Adoptive Therapy**
Sponsor: NIH/NCI

Budget Dates: 09/01/10 - 08/31/11
Direct: $175,793

**Targeting the CaSM Oncogene as a Novel Therapy for Pancreatic Cancer**
Sponsor: NIH/NCI

Budget Dates: 08/01/10 - 07/31/11
Direct: $206,914

Denlinger, Chadrick

**Principal Investigator**

**A Medical Center Network for Optimizing Lung Cancer Biospecimen Banking**
Sponsor: Virginia Commonwealth Univ.

Budget Dates: 09/20/10 - 09/20/11
Direct: $166,749

Eriksson, Evert

**Principal Investigator**

**Prospective, Randomized Multi-Center Study Comparing Early Rib Fixation and Non-Operative Management for Flail Chest in Mechanically Ventilated Patients**
Sponsor: Virginia Commonwealth Univ.

Budget Dates: 07/27/10 - 02/29/12
Direct: $14,100

Fakhry, Samir

**Principal Investigator**

**A Randomized, Double-Blind, Placebo-Controlled, Phase 3 Study to Investigate the Efficacy and Safety of Progesterone in Patients with Severe Traumatic Brain Injury**
Sponsor: Pharmaceutical Research Associates

Budget Dates: 08/13/10 - 09/30/12
Direct: $222,340

Co-Investigator

**Critical Care Excellence in Sepsis and Trauma (CREST)**
Pl: Dee Ford
Sponsor: NIH/NCMHD

Total: $359,042
Dept: Medicine
Award: S RC1 MD004405-02 (09042394-2)

Hughes, Michael

**Principal Investigator**

**2010 ASTS-Team Donate Life Junior Faculty Award**
Sponsor: Amer. Society of Transplant Surgeons

Budget Dates: 07/01/10 - 12/02/10
Direct: $50,000

Ikonomidis, John

**Principal Investigator**

**Transmembrane Proteolytic Induction and Thoracic Aneurysms**
Sponsor: NIH/NHLBI

Budget Dates: 12/01/10 - 11/30/11
Direct: $259,661

**Advanced Glycation End-Products in Human Myocardium**
Pl: Michael Zile
Sponsor: Univ. of Vermont

Total: $163,709
Dept: Medicine
Award: 21469/R01 HL089944-03 (10100788-1)
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<td>Belatacept Evaluation of Nephroprotection and Efficacy as First-Line Immunosupression Trial (BENEFIT)</td>
<td>Bristol Myers Squibb</td>
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<td>Controlled, Randomized, Prospective, Double-Blind, Multi-Center, Phase III, Dose-Escalation Study of the Safety, PK, and Clinical Activity of I5NP for Delayed Graft Function in Patients Undergoing Deceased Donor Kidney Transplantation</td>
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<td>Modulating Tolerance in a Spontaneous Mouse Model of Autoimmune Vitiligo</td>
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<td>Mukherjee, Rupak</td>
<td>Donation of Pacemaker Repair Supplies</td>
<td>Medtronic, Inc.</td>
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<td>Nishimura, Michael</td>
<td>Immune Response in Acute Hepatitis C Infection</td>
<td>Univ. of Colorado</td>
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<td>TCR Affinity and Therapeutic Efficacy of T Cells</td>
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<td>TCR Engineering of Quiescent Primary Human T Cells</td>
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<td>Modulating Tolerance in a Spontaneous Mouse Model of Autoimmune Vitiligo</td>
<td>Pl: Shikhar Mehrotra</td>
<td>Sponsor: Loyola University Chicago</td>
<td>Total: $ 90,000</td>
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<td>Oxidative Stress and AICD in Memory T Cell Persistence</td>
<td>Pl: Shikhar Mehrotra</td>
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**ACOSOG Study**  
Sponsor: Duke Univ.  
Award: U10CA076001-15 (11051093)  
Budget Dates: 01/01/11 - 11/30/11  
Direct: $20,475  
Project Dates: 01/01/11 - 11/30/13  
F & A: $1,429  

**Co-Investigator**  
**A Medical Center Network for Optimizing Lung Cancer Biospecimen Banking**  
Pl: Chadrick Denlinger  
Sponsor: Univ. of Virginia  
Total: $166,749  
Award: GG11346-137226/W81XWH-10- (09121484-1)  

Rubinstein, Mark  
**Principal Investigator**  
**Maximizing Memory T Cell Responses by Matured Post Chemotherapy Dendritic Cells**  
Sponsor: NIH/NCI  
Award: 5 R01 CA133503-02 (11011981)  
Budget Dates: 03/01/11 - 02/29/12  
Direct: $186,750  
Project Dates: 03/01/10 - 02/28/13  
F & A: $88,707  

Sade, Robert  
**Co-Investigator**  
South Carolina Clinical and Translational Research Institute (UL1)  
Pl: Kathleen Brady  
Sponsor: NIH/NCRR  
Total: $2,477,854  
Award: 5 UL1 RR029882-03 (11012750-1)  

Salem, Mohamed  
**Co-Investigator**  
Targeting Early Activated T Cells for Adoptive Therapy  
Pl: David Cole  
Sponsor: NIH/NCI  
Total: $175,793  
Award: 5 R01 CA083672-10 (09050588-2)  

Spinale, Francis  
**Principal Investigator**  
**Maladaptive Remodeling in Aging Myocardium**  
Sponsor: VAMC  
Award: (06062417)  
Budget Dates: 04/01/11 - 03/31/12  
Direct: $150,000  
Project Dates: 04/01/09 - 03/31/13  
F & A: $0  

**Proteolytic Enzyme Induction within the Human Myocardial Interstitium**  
Sponsor: VAMC  
Award: (08042166)  
Budget Dates: 07/01/10 - 06/30/11  
Direct: $123,300  
Project Dates: 07/01/08 - 06/30/12  
F & A: $0  

**Myocardial Protection and Matrix Proteases**  
Sponsor: NIH/NHLBI  
Award: 5 R01 HL057952-12 (11041383)  
Budget Dates: 06/01/11 - 05/31/12  
Direct: $250,000  
Project Dates: 05/01/08 - 05/31/12  
F & A: $118,750  

**Endothelin Receptors and Progression to Heart Failure**  
Sponsor: NIH/NHLBI  
Award: 5 R01 HL094517-02 (08102901-2)  
Budget Dates: 07/01/10 - 06/30/11  
Direct: $250,000  
Project Dates: 01/01/09 - 06/30/11  
F & A: $118,750  

**Co-Investigator**  
Post-Synthetic Procollagen Processing in Load-Induced Left Ventricular Remodeling  
Pl: Amy Bradshaw  
Sponsor: NIH/NHLBI  
Total: $250,000  
Award: 5 R01 HL094517-02 (08102901-2)  
Dept: Medicine  

Transmembrane Proteolytic Induction and Thoracic Aneurysms  
Pl: John Ikonomidou  
Sponsor: NIH/NHLBI  
Total: $259,661  
Award: 1 R01 HL089944-03 (10100788-1)  
Dept: Medicine  

Advanced Glycation End-Products in Human Myocardium  
Pl: Michael Zile  
Sponsor: Univ. of Vermont  
Total: $163,709  
Award: 21469/R01 HL094517-02 (08102901-2)  
Dept: Medicine  

Yarbrough, William  
**Principal Investigator**  
**Mechanisms and Significance of TIMP-4 in the Progression of Hypertrophy and Failure with AS**  
Sponsor: Amer. Assoc. for Thoracic Surgery  
Budget Dates: 07/01/10 - 06/30/11  
Direct: $80,000  
Award: (09011308)  
Project Dates: 07/01/09 - 06/30/11  
F & A: $0  

Urology  
Hughes, Monty  
**Co-Investigator**  
Effects of Simvastain on the Bladder Function of Spinal Cord-Injured Rats  
Pl: J. Purves  
Sponsor: SC Spinal Cord Injury Fund  
Total: $29,896  
Award: SCIRF 11-001 (11032382-1)
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<td><strong>Keane, Thomas</strong></td>
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<td><strong>Principal Investigator</strong></td>
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| PREVAIL-Multinational Phase 3, Randomized, Double-Blind, Placebo-Controlled Efficacy and Safety Study of Oral MDV3100 in Chemotherapy-Naive Patients with Progressive Metastatic Prostate Cancer Who Have Failed Androgen Deprivation Therapy | Sponsor: Medivation, Inc.  
Award: MDV3100-03 (10112401)  
Budget Dates: 11/24/10 - 10/31/15  
Direct: $634,049  
F & A: 157,387 |
| A randomized study to impact the use of degarelix or leuprolide in intermediate risk prostate cancer treated with short-coures hormonal therapy and radiotherapy. | Sponsor: Ferring Pharmaceuticals  
Award: Ferring IIS (11120251)  
Budget Dates: 04/20/11 - 06/30/13  
Direct: $89,894  
F & A: 21,724 |
| Co-Investigator  
The Role of Thromboxane A2 (TP) Receptor Beta in Bladder Cancer  
PI: Omar Moussa  
Dept: Pathology and Laboratory Medicine  
Award: 5 R01 CA127905-03 (11022218-1)  
Total: $186,750 |
| The Role of Thromboxane A2 (TP) Receptor Beta in Bladder Cancer  
PI: Omar Moussa  
Dept: Pathology and Laboratory Medicine  
Award: 5 R01 CA127905-03 (11022218-2)  
Total: $14,525 |
| **Purves, J.**            |                             |
| **Principal Investigator**|                             |
| A Multi-Center, Double-Blind, Placebo-Controlled, Dose-Tritration Study Evaluating the Efficacy, Safety, Pharmacodynamics and Pharmacokinetics of Oxybutynin Chloride Topical Gel for the Treatment of Sctrusor Over Activity Associated with a Neurological Condition in Pediatric Subjects | Sponsor: MUSC OIP  
Award: OG09002 (11020310)  
Budget Dates: 03/29/11 - 03/28/12  
Direct: $62,567  
F & A: 9,621 |
| Effects of Simvastain on the Bladder Function of Spinal Cord-Injured Rats | Sponsor: SC Spinal Cord Injury Fund  
Award: SCIRF 11-001 (11032382)  
Budget Dates: 07/01/11 - 06/30/12  
Direct: $29,896  
F & A: 0 |
| **Rovner, Eric**          |                             |
| **Principal Investigator**|                             |
| BK Channel Function and Regulation in Urinary Bladder Smooth Muscle | Sponsor: Univ. of South Carolina  
Award: 10-1744/R01 DK094264 (10110206)  
Budget Dates: 09/30/10 - 08/31/14  
Direct: $2,478  
F & A: 1,177 |
| Regulation of Urinary Bladder Smooth Muscle by K+ Channels | Sponsor: Univ. of South Carolina  
Award: 11-1867/R21 DK083687-01A1 (10122207)  
Budget Dates: 09/30/10 - 08/31/12  
Direct: $2,478  
F & A: 1,177 |
| A Multi-Center, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Trial with an Open-Label Extension to Demonstrate the Efficacy and Safety of Desmopressin Orally Disintegrating Tablets for the Treatment of Nocturia in Adult Males | Sponsor: DSP Clinical Research, LLC  
Award: FE 992026C841 (11032269)  
Budget Dates: 12/22/10 - 07/29/11  
Direct: $60,784  
F & A: 14,446 |
| **Savage, Stephen**       |                             |
| **Principal Investigator**|                             |
| Tracking Renal Tumors after Cryoablation Evaluation (TRACE) | Sponsor: Galil Medical Inc.  
Award: CUC10-RNL02 (TRACE) (10100476)  
Budget Dates: 02/23/10 - 04/24/17  
Direct: $32,980  
F & A: 6,870 |

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Nursing

Amella, Elaine

**Nutrition and Food Safety Education Targeting Rural Older Adults: A Volunteer-Based Train-the-Team Approach**

- **Sponsor:** Clemson Univ.
- **Budget Dates:** 09/01/10 - 08/31/12
- **Direct:** $72,820

**Award:** 1489-207-2008222/2010-461 (10052492)

**Project Dates:** 09/01/10 - 08/31/12

Andrews, Jeannette

**The Impact of a Tobacco Control Intervention in African-American Families**

- **Sponsor:** Medical Coll. of Georgia
- **Budget Dates:** 06/01/10 - 05/31/11
- **Direct:** $36,563

**Award:** 21475/R01 CA118066-04 (10042027)

**Project Dates:** 01/01/08 - 05/31/12

Co-PI/Project Director

Southwestern Virtual Institute for Health Equity and Wellness (SE VIEW)- Project 10

- **PI:** Sabra Slaughter
- **Sponsor:** US Army/USAMRAA
- **Total:** $155,431

**Dept:** Presidents Office

- **Award:** W81XWH-10-2-0057 (10071968-11)

A Nove1l Trial of Smokeless Tobacco for Cessation Induction in Unmotivated Smokers

- **PI:** Matthew Carpenter
- **Sponsor:** NIH/NCI
- **Total:** $278,100

**Dept:** Psychiatry and Behavioral Sciences

- **Award:** 1 R01 CA154992-01 (10011496-1)

South Carolina Clinical and Translational Research Institute (UL1)

- **PI:** Kathleen Brady
- **Sponsor:** NIH/NCRR
- **Total:** $2,477,854

**Dept:** Psychiatry and Behavioral Sciences

- **Award:** 3 UL1 RR029882-03S1 (11021587-1)

Aselage, Melissa

**Alleviating Mealtime Difficulties in Older Adults with Dementia**

- **Sponsor:** Amer. Acad. of Nursing
- **Budget Dates:** 07/01/10 - 06/30/11
- **Direct:** $47,886

**Award:** 09-151 (09010767)

**Project Dates:** 07/01/09 - 06/30/11

Bond, Sharon

**Cervical Cancer Screening and HIV Testing Behaviors among Financially Disadvantaged Women in South Carolina**

- **Sponsor:** Univ. of South Carolina
- **Budget Dates:** 10/15/10 - 10/15/11
- **Direct:** $3,695

**Award:** P.O. 31976 L (10122092)

**Project Dates:** 10/15/10 - 10/15/11

Co-Investigator

A Study of Multivalent Human Papillomavirus (HPV) Given to Females Who Have Previously Received GARDASIL

- **PI:** David Soper
- **Sponsor:** Merck
- **Total:** $21,706

**Dept:** Obstetrics and Gynecology

- **Award:** V503-006 (09121706-2)

Bryant, Deborah

**A Lay Patient Navigation Training Program to Improve Enrollment and Retention of Medically Underserved Patients into Lung and Esophageal Clinical Trials**

- **Sponsor:** Amer. Cancer Soc.
- **Budget Dates:** 07/01/10 - 06/30/11
- **Direct:** $10,000

**Award:** GSCNP-10-211-01-SCN (10012783)

**Project Dates:** 07/01/10 - 06/30/11

F & A: 0

Medical University of South Carolina
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<td>Preventing Venous Leg Ulcers with Cryotherapy: A Randomized Clinical Trial</td>
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<td>Drug Abuse Research Training</td>
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<td>REACH U.S. Southeastern African American Center of Excellence for Elimination of Disparities</td>
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<td>09/30/10 - 09/29/11</td>
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<td>Diagnostic Accuracy of Failure to Rescue as a Nurse Sensitive Indicator</td>
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<td>Laken, Marilyn</td>
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<td>Controlling Blood Pressure in Treatment Resistant Hypertension: A Pilot Study</td>
<td>NIH/NHLBI</td>
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<td>Southeastern Virtual Institute for Health Equity and Wellness (SE VIEW) - Project 2</td>
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<td>Magwood, Gayenell</td>
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<td>Behavioral/Support Intervention for Diet and Exercise among Underserved Women: Diversity Supplement</td>
<td>Univ. of South Carolina</td>
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<td>Nutrition and Food Safety Education Targeting Rural Older Adults: A Volunteer-Based Train-the-Team Approach</td>
<td>Clemson Univ.</td>
<td>01/01/11 - 12/31/11</td>
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<td>NIH/NINR</td>
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<td>A Social Ecological Based Smoking Cessation Intervention in Public Housing</td>
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<td>Synthesizing Lessons Learned Using Health Information Technology</td>
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<td>Reducing Inappropriate Prescribing of Antibiotics by Primary Care Clinicians</td>
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<td>A Peer Navigator Intervention for Individuals with Spinal Cord Injury</td>
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## Annual Report for Research FY2011

### College of Nursing

#### Research Faculty Activity

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<td>Pope, Charlene</td>
<td><strong>Racial Variations in Communication, Decision-Making and Diabetes Outcomes</strong></td>
<td>VAMC</td>
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<td>Oral Home Telecare for Tetraplegics</td>
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<td>Spruill, Ida</td>
<td><strong>Genetic Contributors to Diabetes and Dyslipidemia in African Americans (Minority Supplement)</strong></td>
<td>Univ. of Virginia</td>
<td>08/01/10 - 07/31/12</td>
<td>88,139</td>
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<td><strong>Advanced Education Nursing Traineeship Program</strong></td>
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<td><strong>Helene Fuld Health Trust Scholarship Fund for Baccalaureate Nursing Students</strong></td>
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<td><strong>Advanced Nursing Education Expansion: Affordable Care Act</strong></td>
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<td>12/02/09 - 11/30/11</td>
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<td>Treiber, Frank</td>
<td><strong>Sociodemographic Regulation of CV Function and Structure</strong></td>
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<td><strong>Ethnic Differences in Stress Induced Sodium Regulation and Blood Pressure (Project 2)</strong></td>
<td>Medical Coll. of Georgia</td>
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<td><strong>Ethnic Differences in Stress Induced Sodium Regulation and Blood Pressure (Project 2)</strong></td>
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<td><strong>The Impact of a Tobacco Control Intervention in African-American Families</strong></td>
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<td><strong>Early Intervention to Reduce Domestic Violence</strong></td>
<td>MUSC Fdn.</td>
<td>07/12/0733-3</td>
<td>$ 289,709</td>
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**Medical University of South Carolina**
Williamson, Deborah

**Principal Investigator**

**Early Intervention to Reduce Domestic Violence**

- **Budget Dates:** 07/01/10 - 06/30/12
- **Direct:** $289,709
- **Sponsor:** MUSC Fdn.
- **Award:** 6111-SP (07120733)

**Abrazos Childhood Development Program**

- **Budget Dates:** 07/01/10 - 06/30/11
- **Direct:** $8,279
- **Sponsor:** Charleston County School District
- **Award:** ABRAZOS (09082064)

**Promotoras of Health - Portales de Salud**

- **Budget Dates:** 07/01/10 - 06/30/11
- **Direct:** $20,000
- **Sponsor:** Communities in Schools
- **Award:** (10050792)

**Teen Health Advocate Leadership Program Planning Grant**

- **Budget Dates:** 07/01/10 - 06/30/11
- **Direct:** $55,538
- **Sponsor:** Center for Public Service Communications
- **Award:** 2008-09 (10062965)

**Salud**

- **Budget Dates:** 08/01/10 - 12/31/10
- **Direct:** $5,000
- **Sponsor:** New Morning Fdn.
- **Award:** (10071975)

**PASOs (Perinatal Awareness for Successful Outcomes)**

- **Budget Dates:** 07/01/10 - 06/30/11
- **Direct:** $26,920
- **Sponsor:** Univ. of South Carolina
- **Award:** 11-1831/6086-SP (10082724)

**Co-Investigator**

**Southeastern Virtual Institute for Health Equity and Wellness (SE VIEW) - Project 10**

- **Pl:** Sabra Slaughter
- **Sponsor:** US Army/USAMRAA
- **Total:** $155,431
- **Dept:** Presidents Office
- **Award:** W81XWH-10-2-0057 (10071968-11)

**Southeastern US Collaborative CEED (SUCCEED)**

- **Pl:** Marveilla Ford
- **Sponsor:** Morehouse School of Medicine
- **Total:** $53,846
- **Dept:** Medicine
- **Award:** U58 DP000984-04 (10092324-1)
College of Pharmacy

Pharmaceutical and Biomedical Sciences

Beeson, Craig

Principal Investigator
High-Throughput Extracellular Flux Analyzer
Sponsor: NIH/NCRR
Budget Dates: 06/28/11 - 06/30/12
Direct: $205,168
Award: 1 S10 RR027122-01A1 (10032396)

High Content Metabolic Screens for Anti-Degenerative Agents in the Retina
PI: Baerbel Rohrer
Sponsor: Fdn. Fighting Blindness
Total: $15,000
Dept: Ophthalmology
Award: TA-NP-0607-0446-MUSC-WG (10061012-2)

Co-PI/Project Director
Mechanisms of H. Pylori-Induced Hypochlorhydria
PI: Adam Smolka
Sponsor: NIH/NIDDK
Total: $296,142
Dept: Medicine
Award: 2 R56 DK064371-05A2 (10022681-1)

Co-Investigator
Mechanisms of In Vivo Ethanol-Induced Mitochondrial Depolarization
PI: Zhi Zhong
Sponsor: NIH/NIAAA
Total: $250,000
Dept: Pharmaceutical and Biomedical Science
Award: 5 R01 AA017756-02 (08100380-2)

Mechanisms of Cell Death after Photodynamic Therapy
PI: Anna-Liisa Nieminen
Sponsor: NIH/NCI
Total: $177,908
Dept: Pharmaceutical and Biomedical Science
Award: 5 R01 CA119079-04 (10062186-1)

CHAN, Sherine

Principal Investigator
The Mechanism of Mitochondrial DNA Proofreading in Human Health and Disease
Sponsor: NIH/NIEHS
Budget Dates: 08/01/10 - 07/31/11
Direct: $168,814
Award: 5 R00 ES015555-03 (10060137)

Research Training in Bioenergetics, Oxidative Stress and Metabolic Syndromes
Sponsor: NIH/NIDDK
Budget Dates: 05/01/11 - 04/30/12
Direct: $178,913
Award: 5 T32 DK083262-03 (11031437)

Hair Follicle Bioenergetics
Sponsor: Procter and Gamble
Budget Dates: 04/12/11 - 03/31/13
Direct: $276,271
Award: (11032908)

Lemasters, John

Principal Investigator
The GlaxoSmithKline SmartState Endowed Chair in Cancer Drug Discovery
Sponsor: MUSC Fdn.
Budget Dates: 07/01/07 - 06/30/12
Direct: $166,667
Award: (11020184)

Research Training in Bioenergetics, Oxidative Stress and Metabolic Syndromes
Sponsor: NIH/NIDDK
Budget Dates: 05/01/11 - 04/30/12
Direct: $178,913
Award: 5 T32 DK083262-03 (11031437)

MUSC CCSG: Cell and Molecular Imaging
Sponsor: NIH/NCI
Total: $62,701
Dept: Medicine
Award: 5 P30 CA138313-03 (11012102-12)

Beharry, Zanna

Principal Investigator
Novel Therapeutic Approaches Toward Treating Prostate Cancer
PI: Andrew Kraft
Sponsor: DOD
Total: $233,648
Dept: Medicine
Award: W81XWH-10-1-0249 (09070751-2)

Co-Investigator
Mechanisms of Cell Death after Photodynamic Therapy
PI: Anna-Liisa Nieminen
Sponsor: NIH/NCI
Total: $276,271
Dept: Pharmaceutical and Biomedical Science
Award: 5 R01 CA119079-04 (10062186-1)

Co-Investigator
C-18-Ceramid in Head and Neck Cancer Growth and Therapy
PI: Besim Ogretmen
Sponsor: NIH/NIDCR
Total: $237,500
Dept: Biochemistry and Molecular Biology
Award: 2 R01 DE016572-06A1 (09113010-1)
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<th>Principal Investigator</th>
<th>Project Title</th>
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<td>Methylphenidate-Ethanol Interactions in ADHD and Co-Abuse</td>
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<td>Training Program in Environmental Stress Signaling</td>
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<td>5-HT Stimulation of Mitochondrial Biogenesis and Acute Kidney Injury</td>
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<td>Smith, Charles</td>
<td>Cell Cycle Specific CDK Inhibitors as Potential Anti-Tumor Therapeutics Through REPLACE</td>
<td>Univ. of South Carolina</td>
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<td>Sphingosine Kinase as a Target for Cancer Therapy</td>
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<td>Identification of LSD1 Inhibitors Targeting Epigenetic Regulation in Tumor Cells</td>
<td>NIH/NCI</td>
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<td>Mechanisms of In Vivo Ethanol-Induced Mitochondrial Depolarization</td>
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Zhong, Zhi  
**Principal Investigator**  
**Improvement of Liver Transplantation by a Sphingosine Kinase Inhibitor**  
Sponsor: Apogee  
Award: R41 DK084632 (10052715)  
**Budget Dates:** 07/01/10 - 06/30/12  
**Direct:** $82,735  
**F & A:** 39,299

**Pharmacy and Clinical Sciences**

Bennett, Charles  
**Principal Investigator**  
**CoEE for Medication Safety & Efficacy State Match Endowment Draw**  
Sponsor: SC Research Centers of Economic Excellence  
**Budget Dates:** 07/01/10 - 06/30/11  
**Direct:** $600,000  
**F & A:** 0

Mauldin, Patrick  
**Principal Investigator**  
**SCCP Medicaid Academic Detailing Project - Amendment Eight**  
Sponsor: Univ. of South Carolina  
**Budget Dates:** 08/1470/PO# 81594 (10092839)  
**Award:**  
**Total:** $34,024  
**F & A:** 0  
**SCCP Medicaid Academic Detailing Project - Amendment Nine**  
Sponsor: Univ. of South Carolina  
**Budget Dates:** 08/1470/PO# 81594 (11022846)  
**Award:**  
**Total:** $9,907  
**F & A:** 0  
**SCCP Medicaid Academic Detailing Project - Amendment Ten**  
Sponsor: Univ. of South Carolina  
**Budget Dates:** 08/1470/PO# 81594 (11041375)  
**Award:**  
**Total:** $6,555  
**F & A:** 0

**Co-Investigator**  
**Innovative Service Delivery for Secondary Prevention of PTSD in at-Risk OIF-OEF Service Men and Women**  
PI: Thomas Uhde  
Dept: Psychiatry and Behavioral Sciences  
**Sponsor:** Charleston Research Institute  
**Total:** $84,867

**Trauma Management Therapy for OEF and OIF Combat Veterans**  
PI: Thomas Uhde  
Dept: Psychiatry and Behavioral Sciences  
**Sponsor:** Univ. of Central Florida  
**Total:** $303,106

**Evaluating Predictors and Interventions in Sphincter of Oddi Dysfunction (EPISOD): Clinical - Parent**  
PI: Peter Cotton  
Dept: Medicine  
**Sponsor:** NIH/NIDDK  
**Total:** $930,772

**Telephone Delivered Behavioral Skills Intervention for Blacks with T2DM**  
PI: Leonard Egede  
Dept: Medicine  
**Sponsor:** NIH/NIDDK  
**Total:** $349,993

**South Carolina Clinical and Translational Research Institute (UL1)**  
PI: Kathleen Brady  
Dept: Psychiatry and Behavioral Sciences  
**Sponsor:** NIH/NCRR  
**Total:** $2,477,854

**Aging Q3: Quality Education, Quality of Care, Quality of Life**  
PI: William Moran  
Dept: Medicine  
**Sponsor:** Donald W. Reynolds Fdn.  
**Total:** $426,267

Nappi, Jean  
**Co-Investigator**  
**SCCP Medicaid Academic Detailing Project - Amendment Eight**  
PI: Patrick Mauldin  
Dept: Pharmacy and Clinical Sciences  
**Sponsor:** Univ. of South Carolina  
**Total:** $34,024

Shrader, Sarah  
**Co-Investigator**  
**Pre-Doctoral Training in Primary Care: Motivate for Health**  
PI: Alexander Chessman  
Dept: Family Medicine  
**Sponsor:** HRSA  
**Total:** $129,630

Wisniewski, Christopher  
**Co-Investigator**  
**SCCP Medicaid Academic Detailing Project - Amendment Eight**  
PI: Patrick Mauldin  
Dept: Pharmacy and Clinical Sciences  
**Sponsor:** Univ. of South Carolina  
**Total:** $34,024
Wisniewski, Christopher  Co-Investigator
SCCP Medicaid Academic Detailing Project - Amendment Nine
PI: Patrick Mauldin  Sponsor: Univ. of South Carolina  Total: $ 9,907
Dept: Pharmacy and Clinical Sciences  Award: 08-1470/PO# 81594 (11022846-1)

SCCP Medicaid Academic Detailing Project - Amendment Ten
PI: Patrick Mauldin  Sponsor: Univ. of South Carolina  Total: $ 6,555
Dept: Pharmacy and Clinical Sciences  Award: 08-1470/PO#81594 (11041375-1)