

Office of Sponsored Programs



East Carolina University • Greenville Centre, Room 2906 • 2200 South Charles Blvd. • Greenville, NC 27858
www.research2.ecu.edu/osp/ • (252) 328-9540 • Fax (252) 328-4363

The Office of Sponsored Programs is pleased to share the attached summary of individual submissions and awards for October 2008. Below is a summary table of submissions and awards to date.

Including Non-Traditionals

| | October 07 | October 08 | July 2007 - October 2007 | July 2008 - October 2008 |
|----------------------------|-------------------|-------------------|-------------------------------------|-------------------------------------|
| No. of Proposals Submitted | 75 | 53 | 207 | 211 |
| Amount Requested | \$19,835,669 | \$12,825,912 | \$51,726,950 | \$59,931,608 |
| No. of Proposals Funded | 32 | 27 | 136 | 171 |
| Amount Awarded | \$2,719,326 | \$2,557,854 | \$15,265,713 | \$14,622,499 |

SUMMARY OF PROPOSALS SUBMITTED

11/17/2008

10/1/08 to 10/31/08

| ID No. | Investigator(s) | Role | Dept | Sponsor | Amount | Cat | Awd Type | Prop Type | Title |
|--|---|---------------------|----------------------|--|----------|-----|----------|-----------|---|
| Academic Affairs | | | | | | | | | |
| <u>College of Education</u> | | | | | | | | | |
| 1997-0470 21 | Patricia J. Anderson | PI/PD | CI | N.C. Department of Public Instruction | \$3,566 | | G | R | NCDPI Division of Exceptional Children Contract |
| 2002-0314 09 | Michael R. Vitale | PI/PD | CI | Florida Atlantic University | \$59,010 | | C | R | Validation of a Multi-Phase Design for Scaling Up a Knowledge-Based Intervention |
| 2009-0151 01 | Vivian W. Mott Kylie Dotson-Blake Keith Letchwork | PI/PD CPI CPI | COED COED COED | Eastern Area Health Education Center | \$12,960 | | G | N | School Mental Health Program Development |
| <u>College of Health & Human Performance</u> | | | | | | | | | |
| 2005-0045 05 | Elizabeth Montgomery David M. White | PI/PD CPI | HLTEDUC HLTEDUC | N.C. Department of Health and Human Services | \$79,000 | | C | R | East Carolina University Regional Training Center |
| 2009-0114 01 | Robert C. Wendling | PI/PD | RLS | Bladen County, NC | \$28,500 | | G | N | 2009 Comprehensive and Master Plan for Bladen County |
| 2009-0136 01 | Tim Kelley Jesse Chadwick | PI/PD CPI | HLTEDUC HLTEDUC | Greenville Utilities Commission | \$6,000 | | | N | Nitrification Evaluation in the Greenville, NC Drinking Water Storage and Distribution System |
| 2009-0140 01 | Tim Kelley | PI/PD | HLTEDUC | Greenville Utilities Commission | \$6,000 | | | N | Evaluation of Bacterial and Viral Indicators to Determine Water Reuse Potential |
| 2009-0141 01 | Kindal Shores | PI/PD | RLS | Be Active Appalachian Partnership | \$11,400 | | | N | Strategy for Improving the Physical Health of Mature Women Using Public Physical Activity Areas |

| ID No. | Investigator(s) | Role | Dept | Sponsor | Amount | Awd Prop | | Title |
|---|--|-----------------------------------|-------------------------------------|---|-------------|----------|------|--|
| | | | | | | Cat | Type | |
| <u>College of Human Ecology</u> | | | | | | | | |
| 2006-0413 03 | Elizabeth Carroll Kevin Gross | PI/PD CPI | CDFR CDFR | DHHS/Program Support Center | \$2,635,301 | | G R | Life Skills for Health Marriage: A Family Readiness Program |
| 2007-0180 03 | Shelia Bunch | PI/PD | SOCW | U.N.C.-Chapel Hill | \$544,648 | | G R | NC Child Welfare Education Collaborative |
| 2009-0121 01 | Sarah Colby | PI/PD | NUTR | McDonald's Corporation | \$161,961 | | N | Consumers' Behaviors and Healthy Food Options in a Fast Food Environment |
| 2009-0139 01 | Mary S. Jackson Linda Crane-Mitchell | PI/PD CPI | SOCW CDFR | North Carolina Developmental Disabilities Council | \$3,000 | | N | Families Forging Ahead to a Brighter Future |
| <u>College of Technology & Computer Science</u> | | | | | | | | |
| 2009-0135 01 | Michael Behm | PI/PD | INDT-D | N.C. State University | \$33,222 | | G N | Relevancy of Data Entered into Riskmaster |
| <u>Thomas Harriot College of Arts and Sciences</u> | | | | | | | | |
| 2008-0178 02 | Ronald Mitchelson Scott Wade Karen A Mulcahy | PI/PD CPI CPI | GEOG GEOG GEOG | U.N.C.-Charlotte | \$30,846 | | R | UNC System Pre-Disaster Mitigation Planning for Campuses of Eastern NC, GIS Work Group |
| 2009-0119 01 | Lynn Harris Lawrence E. Babits Joseph Fridgen Thomas R. Allen Calvin Mires | PI/PD CPI CPI CPI CPI | HIST HIST RLS GEOG HIST | National Oceanic and Atmospheric Administration | \$62,847 | | N | Exploring the Tar - Pamlico Sound River Systems |
| 2009-0122 01 | Baohong Zhang | PI/PD | BIOL | National Institutes of Health (NIH) | \$377,925 | | N | Does microRNA Mediate RDX-induced Neurotoxicity? |
| 2009-0123 01 | Baohong Zhang | PI/PD | BIOL | U.S. Army Corp of Engineers | \$217,000 | | N | Identification & Functional Analysis of Regulatory microRNAs Responsive to TNT and RDX in the Earthworm Eisenia fetida |

| ID No. | Investigator(s) | Role | Dept | Sponsor | Amount | Awd Prop | | Title |
|--------------|---|----------------------------|------------------------------|---|-------------|----------|------|--|
| | | | | | | Cat | Type | |
| 2009-0131 01 | Alexandros Georgakilas | PI/PD | BIOL | National Institutes of Health (NIH) | \$212,071 | | N | Role of DNA-PKcs in the Processing of Complex DNA Damage in Human Tumor Cells |
| 2009-0132 01 | Mary A. Farwell | PI/PD | BIOL | National Institutes of Health (NIH) | \$212,726 | | N | BCL2 Overexpression in MCF10A Breast Cells: Effects on Bcl-2 Family Protein Levels and Apoptosis |
| 2009-0144 01 | Anthony S. Overton | PI/PD | BIOL | Entrix Inc | \$11,801 | | N | Castle Hayne Aquatic Resources Characterization |
| 2009-0145 01 | Craig Landry Thomas R. Allen | PI/PD CPI | ECON GEOG | Appalachian State University | \$28,000 | | N | Wind Turbines and Recreation Demand: An Application of Conjoint Analysis and Visualization Wall Tech |
| 2009-0146 01 | Thomas R. Allen J.P. Walsh D. Reide Corbett Thomas W. Crawford | PI/PD CPI CPI CPI | GEOG GEOL GEOL GEOG | Renaissance Computing Institute | \$1,500,000 | | N | Regional Engagement Center for Coastal Systems Informatics and Modeling (C-SIM) |
| 2009-0147 01 | Paul A. Gares Scott Curtis | PI/PD CPI | GEOG GEOG | National Science Foundation | \$165,336 | | N | Frequency/Magnitude Analysis of Wind Events and the Relationship to SedimentTransport |
| 2009-0149 01 | Jennifer Brewer Enrique Reyes | PI/PD CPI | GEOG BIOL | National Oceanic and Atmospheric Administration | \$295,536 | | N | Habitat Forecasts for Decision Support |
| 2009-0157 01 | Chris Jantzen | PI/PD | MATH | National Security Agency | \$36,399 | | N | Duality and Tempered Representations for Classical Groups |

Health Sciences

Brody School of Medicine

| | | | | | | | | | |
|--------------|---|--------------|-------------|--|-----------|--|---|---|--|
| 1997-0449 20 | Charles W. Daeschner, III Charles L. Knupp | PI/PD CPI | PEDS MED | N.C. Department of Health and Human Services | \$249,690 | | C | R | NC Sickle Cell Syndrome Program |
| 1997-0477 15 | Charles W. Daeschner, III | PI/PD | PEDS | U.N.C.-Chapel Hill | \$4,985 | | G | R | Region IV North Prevention of Complications of Hemophilia Through Hemophilia Treatment Centers |

| ID No. | Investigator(s) | Role | Dept | Sponsor | Amount | Awd Prop | | Title |
|--------------|---|----------------------------|------------------------------|---|-------------|----------|------|--|
| | | | | | | Cat | Type | |
| 2001-0145 08 | Thomas G. Irons | PI/PD | OGP | Pitt County Memorial Hospital | \$60,000 | | C R | 2008-2009 Generalist Physician Program |
| 2007-0047 09 | Michael R. Van Scott Robert Wardle | PI/PD CPI | PHYSIOL PHYSIOL | Schering-Plough Corporation | \$33,018 | | C R | MRA SPB 11 - Pilot Safety of Monoclonal Antibody (Anti-IL-23p19/13B8 Clone) |
| 2007-0123 03 | James Cummings Sharon Buckwald Stephen C. Engelke Sherry Moseley | PI/PD CPI CPI CPI | PEDS PEDS PEDS PEDS | University of California at San Francisco | \$57,961 | | R | Trial of Late Surfactant (TOLSURF) to Prevent BPD |
| 2007-0199 06 | Elaine Cabinum-Foeller | PI/PD | PEDS | U.N.C.-Chapel Hill | \$2,000 | | G R | Tedi Bear CAC UNC-CH Regional Training |
| 2007-9141 01 | Edward L. Treadwell | PI/PD | MED | MedImmune, Inc. | \$74,170 | | C N | MI-CP152 |
| 2007-9192 01 | Robert J. Tanenberg | PI/PD | MED | Eli Lilly and Company | \$60,275 | | C N | F1J-US-HMEZ |
| 2007-9208 01 | Paul Bolin, Jr. Susan Gerkin | PI/PD CPI | MED MED | Otsuka Pharmaceutical Development & Commercialization, Inc. | \$166,913 | | C N | TEMPO |
| 2008-0270 02 | Isabelle Lemasson | PI/PD | MCBI | American Cancer Society | \$720,000 | | R | Effects of the HTLV-1 Encoded HBZ Protein on p300/CBP Coactivator Functions |
| 2009-0113 01 | Elaine Cabinum-Foeller | PI/PD | PEDS | National Children's Alliance | \$14,720 | | N | NCA Equipment Grant 2009 |
| 2009-0115 01 | William J. Meggs Kori L Brewer | PI/PD CPI | EMERG EMERG | Department of Defense | \$1,065,000 | | N | Randomized Controlled Trial of Naltrexone & Dextromethorphan for Gulf War Veterans Illnesses |
| 2009-0116 01 | M. Saeed Dar | PI/PD | MED | National Institutes of Health (NIH) | \$790,198 | | N | Molecular Mechanisms of Type 2 Diabetes Reversal after Gastric Bypass Surgery |

| ID No. | Investigator(s) | Role | Dept | Sponsor | Amount | Awd Prop | | Title |
|--------------|---------------------------------------|--------------|--------------------|--|-----------|----------|------|---|
| | | | | | | Cat | Type | |
| 2009-0125 01 | Shaw M. Akula | PI/PD | MCBI | National Institutes of Health (NIH) | \$358,750 | | N | Delineating the Cellular Biomolecular-switched of KSHV Reactivation |
| 2009-0126 01 | Kim E. Dixon Sy Saeed | PI/PD CPI | PSY/MED PSY/MED | N.C. Office of Rural Health | \$75,250 | | N | Predoctoral Clinical Psychology Internship |
| 2009-0127 01 | Jamie DeWitt | PI/PD | PHAR | National Institutes of Health (NIH) | \$100,000 | | N | Developmental Immunopathogenesis in the Etiology of Autism: Disruption of T-cell Maturation by an Environmental Agent |
| 2009-0128 01 | David N. Collier Kathryn M. Kolasa | PI/PD CPI | PEDS FAM/MED | North Carolina Health and Wellness Trust Fund Commission | \$253,506 | | N | Practice Based Nutrition Project to Reduce Childhood Obesity |
| 2009-0129 01 | Saame Raza Shaikh | PI/PD | BIOCHEM | National Institutes of Health (NIH) | \$360,242 | | N | Dietary Omega-3 Fatty Acids, Receptor Lateral Organization and Activation of CD4 T Cells |
| 2009-0130 01 | John M. Olsson | PI/PD | PEDS | Academic Pediatric Association | \$183,942 | | N | Fluoride Varnish Applied at Well-Child Visits to Prevent Early Childhood Caries |
| 2009-0133 01 | Dawd Siraj | PI/PD | MED | Mayo Clinic Rochester (North Central Cancer Treatment Group) | \$458,652 | | N | Mayo Clinic Ethiopia PEPFAR Proposal |
| 2009-0134 01 | Elaine Cabinum-Foeller | PI/PD | PEDS | National Children's Alliance | \$10,000 | | N | NCA 2009 Program Support For Tedi Bear Children's Advocacy Center |
| 2009-0137 01 | Christopher J. Wingard | PI/PD | PHYSIOL | The Institute for Pharmaceutical Discovery | \$79,539 | | N | Proof of Principle for Bio Analytics Compounds in Erectile Physiology |
| 2009-0138 01 | Gregg Talente | PI/PD | MED PEDS | Kate B. Reynolds Charitable Trust | \$151,246 | | N | Integrating Mental Health Care in a Primary Care Internal Medicine Clinic |
| 2009-0143 01 | Irene Hamrick | PI/PD | FAM/MED | John A. Hartford Foundation | \$10,000 | | N | John A. Hartford Leadership Scholars Program |

SUMMARY OF PROPOSALS AWARDED

11/17/2008

10/1/08 to 10/31/08

| ID No. | Investigator(s) | Role | Dept | Sponsor | Amount | Cat/ | Awd | Prop | Title |
|--|---|---------------------|----------------------|--|-----------|------|------|------|--|
| | | | | | | NT | Type | Type | |
| Academic Affairs | | | | | | | | | |
| <u>College of Education</u> | | | | | | | | | |
| 1997-0470 21 | Patricia J. Anderson | PI/PD | CI | N.C. Department of Public Instruction | \$3,566 | G | R | | NCDPI Division of Exceptional Children Contract |
| 2002-0314 09 | Michael R. Vitale | PI/PD | CI | Florida Atlantic University | \$59,010 | C | R | | Validation of a Multi-Phase Design for Scaling Up a Knowledge-Based Intervention |
| 2008-0096 01 | Guili Zhang | PI/PD | CI | University of Florida | \$40,600 | G | N | | Spatial Ecology & Evolution: Quantitative in Biology, Statistics and Mathematics |
| 2009-0151 01 | Vivian W. Mott Kylie Dotson-Blake Keith Letchwork | PI/PD CPI CPI | COED COED COED | Eastern Area Health Education Center | \$12,960 | G | N | | School Mental Health Program Development |
| <u>College of Health & Human Performance</u> | | | | | | | | | |
| 2005-0045 05 | Elizabeth Montgomery David M. White | PI/PD CPI | HLTEDUC HLTEDUC | N.C. Department of Health and Human Services | \$78,999 | C | R | | East Carolina University Regional Training Center |
| 2009-0073 01 | Peter A. Farrell | PI/PD | EXSS | American College of Sports Medicine | \$3,000 | G | N | | Editorial Support from ACSM |
| 2009-0114 01 | Robert C. Wendling | PI/PD | RLS | Bladen County, NC | \$28,500 | G | N | | 2009 Comprehensive and Master Plan for Bladen County |
| <u>College of Human Ecology</u> | | | | | | | | | |
| 2006-0413 03 | Elizabeth Carroll Kevin Gross | PI/PD CPI | CDFR CDFR | DHHS/Program Support Center | \$525,161 | G | R | | Life Skills for Health Marriage: A Family Readiness Program |

| ID No. | Investigator(s) | Role | Dept | Sponsor | Amount | Cat/ | Awd | Prop | Title |
|---|---------------------------------------|--------------|--------------------|-------------------------------------|-----------|------|------|------|---|
| | | | | | | NT | Type | Type | |
| 2007-0180 03 | Shelia Bunch | PI/PD | SOCW | U.N.C.-Chapel Hill | \$544,648 | G | R | | NC Child Welfare Education Collaborative |
| <u>College of Technology & Computer Science</u> | | | | | | | | | |
| 2009-0135 01 | Michael Behm | PI/PD | INDT-D | N.C. State University | \$33,222 | G | N | | Relevancy of Data Entered into Riskmaster |
| <u>Thomas Harriot College of Arts and Sciences</u> | | | | | | | | | |
| 2007-0297 01 | Colin S. Burns | PI/PD | CHEM | National Institutes of Health (NIH) | \$199,020 | G | N | | Molecular Aspects of Copper and Zinc Promoted Prion-Prion Inera |
| 2009-0046 01 | Thad Wasklewicz | PI/PD | GEOG | National Geographic Society | \$6,190 | C | N | | Rapid Assessment of Hydrological & Sedimentological Connectivity in a Recently Burned Watershed |
| Health Sciences | | | | | | | | | |
| <u>Brody School of Medicine</u> | | | | | | | | | |
| 1997-0477 15 | Charles W. Daeschner, III | PI/PD | PEDS | U.N.C.-Chapel Hill | \$12,901 | G | R | | Region IV North Prevention of Complications of Hemophilia Through Hemophilia Treatment Centers |
| 2005-0066 05 | Charlie J. Sang, Jr. | PI/PD | PEDS | Duke University Medical Center | \$61,055 | G | SN | | The Duke Pediatric Cardiology Clinical Center |
| 2007-0047 09 | Michael R. Van Scott Robert Wardle | PI/PD CPI | PHYSIOL PHYSIOL | Schering-Plough Corporation | \$33,018 | C | R | | MRA SPB 11 - Pilot Safety of Monoclonal Antibody (Anti-IL-23p19/13B8 Clone) |
| 2007-0199 06 | Elaine Cabinum-Foeller | PI/PD | PEDS | U.N.C.-Chapel Hill | \$2,000 | G | R | | Tedi Bear CAC UNC-CH Regional Training |
| 2007-0233 02 | Everett C. Pesci | PI/PD | MCBI | National Institutes of Health (NIH) | \$289,997 | G | SN | | Studies on the Pseudomonas aeruginosa cell-to-cell signal PQS |
| 2007-0332 02 | Clinton Faulk Joon Lee | PI/PD CPI | PHYMR FAM/MED | American Geriatrics Society | \$4,000 | G | SN | | Curriculum Development in Geriatric Rehabilitation at Brody SOM |

| ID No. | Investigator(s) | Role | Dept | Sponsor | Amount | Cat/ | Awd | Prop | Title |
|--------------|---------------------------------|--------------|--------------|---|-----------|------|------|------|--|
| | | | | | | NT | Type | Type | |
| 2007-0345 02 | Shaw M. Akula Ossie Dyson | PI/PD CPI | MCBI MCBI | National Institutes of Health (NIH) | \$27,772 | | G | R | Role of MAPK Signaling in Kaposi's Sarcoma Associated Herpesvirus Pathogenesis |
| 2007-9141 01 | Edward L. Treadwell | PI/PD | MED | MedImmune, Inc. | \$74,170 | | C | N | MI-CP152 |
| 2007-9192 01 | Robert J. Tanenberg | PI/PD | MED | Eli Lilly and Company | \$60,275 | | C | N | F1J-US-HMEZ |
| 2007-9208 01 | Paul Bolin, Jr. Susan Gerkin | PI/PD CPI | MED MED | Otsuka Pharmaceutical Development & Commercialization, Inc. | \$166,913 | | C | N | TEMPO |
| 2008-0325 01 | Robert C. Hoyer | PI/PD | PEDS | Target Stores | \$2,500 | | G | N | Reach Out and Read in the Pediatrics Outpatient Center |
| 2009-0021 01 | Scott Sagraves | PI/PD | SURG | U.N.C.-Chapel Hill | \$6,000 | | G | N | Tier 1-6 Burn Initiative Phase I Tiers Addressed: 1-6 Project (C) |
| 2009-0022 01 | John M. Olsson | PI/PD | PEDS | Academic Pediatric Association | \$17,400 | | G | N | Toddler Fluoride Varnish Subcontract |
| 2009-0074 01 | David Tulis | PI/PD | PHYSIOL | National Institutes of Health (NIH) | \$262,896 | | G | N | NO-independent c-GMP Regulation of Vascular Remodeling |

Research & Graduate Studies

Regional Development Services

| | | | | | | | | | |
|--------------|----------------------------|-------|---------|-----------------------------------|---------|--|---|---|---|
| 2007-0189 02 | Samantha Foushee-Lancaster | PI/PD | CSR-RGS | Triangle J Council of Governments | \$2,081 | | G | R | Triangle J COG Stormwater Behavior Survey |
|--------------|----------------------------|-------|---------|-----------------------------------|---------|--|---|---|---|

Total Number of Awards

27

Total Amount Awarded

\$2,557,854

NT=Non-traditional Award

NGA= No Grants Adm.