

# Office of Sponsored Programs



East Carolina University • Greenville Centre, Room 2906 • 2200 South Charles Blvd. • Greenville, NC 27858  
[www.research2.ecu.edu/osp/](http://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 November 2008. Below is a summary table of submissions and awards to date.

## Including Non-Traditionals

	<b>November 07</b>	<b>November 08</b>	<b>July 2007 - November 2007</b>	<b>July 2008 - November 2008</b>
No. of Proposals Submitted	44	60	251	271
Amount Requested	\$10,344,882	\$27,294,065	\$62,071,832	\$87,225,673
No. of Proposals Funded	26	18	162	189
Amount Awarded	\$2,433,662	\$1,225,391	\$17,699,375	\$15,847,890

# SUMMARY OF PROPOSALS SUBMITTED

12/10/2008

11/1/08 to 11/30/08

ID No.	Investigator(s)	Role	Dept	Sponsor	Amount	Cat	Awd Type	Prop Type	Title
<b>Academic Affairs</b>									
<u>Academic Library Services</u>									
2009-0155 01	Gretchen Geugen	PI/PD	LIBSVC	N.C. State Library	\$195,084			N	Ensuring Democracy through Digital Access
 <u>College of Education</u>									
2009-0176 01	Alana Zambone Melissa D Engelman	PI/PD CPI	CI CI	N.C. Department of Public Instruction	\$69,719			N	Deaf-Blindness Teacher Support Program
2009-0182 01	Susan M. Bashinski Donald E. Ensley	PI/PD	CI CMHLTH	Western Oregon University	\$41,799			N	Influencing Outcomes for Children Who Are Deaf-Blind with Cochlear Implants
 <u>College of Fine Arts &amp; Communications</u>									
2009-0177 01	Britton E. Theurer	PI/PD	INSTR	National Endowment for the Arts	\$10,200			N	International Brass Chamber Music Festival
 <u>College of Health &amp; Human Performance</u>									
2008-0069 02	Suzanne Orr Edward R. Newton	PI/PD CPI	HLTEDUC OB/GYN	National Institutes of Health (NIH)	\$1,516,923			R	Mental Illness Among Pregnant Women
2008-0229 02	Matthew T Mahar Katrina Dubose Jeannie A. Golden Kerry Mclver	PI/PD CPI CPI CPI	EXSS EXSS PSYC EXSS	National Institutes of Health (NIH)	\$3,577,742			R	The Use of Energizers to Promote Physical Activity in Elementary School Children
2009-0168 01	Mark E. Moore	PI/PD	EXSS	McGraw-Hill Higher Education	\$1,355			N	Perceptions of online learning among undergraduate lifetime physical activity and fitness students

ID No.	Investigator(s)	Role	Dept	Sponsor	Amount	Awd Prop		Title
						Cat	Type	
<u>College of Technology &amp; Computer Science</u>								
2009-0153 01	Yuhong Wang	PI/PD	CONSTM	US Green Building Council	\$84,000		G N	Improvement of Porous Pavement System for On-Site Stormwater Management
2009-0163 01	Donna Hollar	PI/PD	CONSTM	N.C. State University	\$13,619		N	Preliminary Engineering Cost Trends for Highway Projects (subcontract to NC State)
<u>Thomas Harriot College of Arts and Sciences</u>								
2008-0110 02	Zi-Wei Lin	PI/PD	PHYS	U.S. Department of Energy	\$123,810		R	Multiphase Transport Model Studies of Relativistic Heavy Ion Collisions
2008-0122 02	Stephen J. Culver	PI/PD	GEOL	Petroleum Research Fund	\$89,927		R	The Foraminiferal Signature of Hurricanes: Northern Gulf of Mexico
2009-0156 01	Michael A. O'Driscoll	PI/PD	GEOL	U.N.C.-Charlotte	\$24,091		N	Do Focused Urban Recharge Areas Pose a Risk to Shallow Groundwater Quality in the Coastal Plain?
2009-0158 01	Joseph J. Luczkovich Mark W. Sprague	PI/PD CPI	BIOL ICMR PHYS	U.N.C.-Sea Grant Program	\$74,573		N	Reduction of Bottlenose Dolphin Entanglements by Increasing the Acoustic Reflectivity of Gill Nets
2009-0164 01	Siddhartha Mitra	PI/PD	GEOL	U.N.C.-Sea Grant Program	\$141,354		N	Identifying & Mitigating the Hazards of Pharmaceutical and Personal Care Products in Lower Levels of the Coastal Food Web
2009-0165 01	Marie Olson-Lounsberry	PI/PD	POLS	American Council of Learned Societies	\$116,988		N	Intrastate Conflict Dynamics: Conflict Processes, Negotiations and Resolution
2009-0166 01	Joseph J. Luczkovich Mark W. Sprague	PI/PD CPI	BIOL ICMR PHYS	BioSonics, Inc	\$18,929		N	Passive Acoustic Monitoring of Biological Sounds and Turbine Noise Near Hydrokinetic Power Installations
2009-0167 01	David R. Chalcraft Jon Davenport	PI/PD CPI	BIOL BIOL	National Science Foundation	\$13,440		N	Dissertation Research: Mechanisms of Coexistence Between Predator Species and Their Effects on Prey

ID No.	Investigator(s)	Role	Dept	Sponsor	Amount	Awd Prop		Title
						Cat	Type	
2009-0170 01	Scott A. Lecce	PI/PD	GEOG	Missouri State University	\$15,185		N	Big River Mine Sediment
2009-0171 01	Kyle Summers Tiffany Kosch	PI/PD CPI	BIOL BIOL	National Science Foundation	\$14,999		N	Chytridiomycosis in Peru
2009-0173 01	Cecilia Valrie	PI/PD	PSYC	Sleep Research Society Foundation	\$20,000		N	The Influence of Physiological Factors and Family Functioning on Sleep in Children and Adolescents with Sickle Cell Disease
2009-0174 01	Yong Zhu	PI/PD	BIOL	The Endocrine Society	\$50,000		N	Membrane Steoid Receptors for Nongenomic Actions of Progestins
2009-0175 01	Art A. Rodriguez	PI/PD	CHEM	National Science Foundation	\$283,689		N	Solution and Solid State Studies into the Molecular Dynamics of Fullerenes C76, C78, and C84 by NMR.
2009-0178 01	Siddhartha Mitra	PI/PD	GEOL	North Carolina Water Resources Research Institute	\$49,870		N	Pharmaceutical and Personal Care Product Contamination in Eastern Carolina Drinking Water
2009-0179 01	Baohong Zhang Mary A. Farwell	PI/PD CPI	BIOL BIOL	Department of Defense	\$107,526		N	Developing a novel microRNA-based biomarker for high throughput screening anticancer drugs for breast cancer
2009-0180 01	Baohong Zhang Mary A. Farwell	PI/PD CPI	BIOL BIOL	Department of Defense	\$107,518		N	Inhibiting Breast Cancer Growth by microRNA-mediated BCL2 Gene Expression

## Health Sciences

### Brody School of Medicine

1997-0446 22	Edward R. Newton	PI/PD	OB/GYN	N.C. Department of Health and Human Services	\$332,340		G	R	High Risk Maternity Clinic
1998-0370 15	C. Jeffrey Smith Edson R. Rocha	PI/PD CPI	MCBI MCBI	National Institutes of Health (NIH)	\$1,793,750		G	R	Role of B. Fragilis Oxygen Stress Response in Infection

ID No.	Investigator(s)	Role	Dept	Sponsor	Amount	Awd Prop		Title
						Cat	Type	
2003-0330 07	David N. Collier	PI/PD	PEDS	Pitt Memorial Hospital Foundation, Inc.	\$61,537		G R	KIDPOWER
2003-0355 06	Walter J Pories G. Lynis Dohm	PI/PD CPI	SURG PHYSIOL	National Institutes of Health (NIH)	\$3,060,870		C R	East Carolina University Bariatric Surgery Clinical Center
2004-0262 06	Joseph M. Chalovich	PI/PD	BIOCHEM	National Institutes of Health (NIH)	\$1,344,314		G R	Protein Exchange To Study Muscle Function and Disease
2005-0179 03	Rachel Roper	PI/PD	MCBI	National Institute of Allergy and Infectious Diseases (NIH)	\$1,768,372		R	Role of a New Virulence Factor in Poxvirus Pathogenesis
2005-0238 04	Kenneth M. Soderstrom	PI/PD	PHAR	National Institute on Drug Abuse (NIH)	\$65,050		G R	Cannabinoid-altered Vocal Development
2006-0045 04	Walter J Pories	PI/PD	SURG PHYSIOL	Johnson and Johnson Pharmaceutical Research & Development	\$1,049,846		G R	Role of Incretins in Type 2 Diabetes
2006-0358 03	Cheryl B. Knudson Warren Knudson	PI/PD CPI	ANAT ANAT	National Institutes of Health (NIH)	\$1,250,000		G R	Hyaluronan-Cell Interactions in Cartilage
2007-0140 03	Robert Newman	PI/PD	FAM/MED	Pitt Memorial Hospital Foundation, Inc.	\$57,168		G R	H3D: Heart Health in High Risk Diabetes Patients
2007-0413 02	Ann Sperry	PI/PD	ANAT	National Institutes of Health (NIH)	\$143,438		R	A Testis Specific Regulatory Subunit of Protein Phosphatase-1
2007-9187 01	Darla K. Liles	PI/PD	LJCC	Bayer HealthCare Pharmaceuticals, Inc.	\$19,463		C N	SPINART

ID No.	Investigator(s)	Role	Dept	Sponsor	Amount	Awd Prop		Title
						Cat	Type	
2008-0129 02	Robert Newman	PI/PD	FAM/MED	Pitt Memorial Hospital Foundation, Inc.	\$40,000		G R	Colorectal Cancer Screening for Uninsured Patients
2008-0132 02	Elaine Cabinum-Foeller	PI/PD	PEDS	Pitt Memorial Hospital Foundation, Inc.	\$15,500		G R	Child Sexual Abuse Prevention Project
2008-0312 03	Michael R. Van Scott Robert G. Carroll Robert Wardle	PI/PD CPI CPI	PHYSIOL PHYSIOL PHYSIOL	Galleon Pharmaceuticals, Inc.	\$24,756		C R	MRA GLN Work Order #2: Fentanyl and Naloxone Methiodide in NHP
2008-0312 04	Michael R. Van Scott Robert G. Carroll Robert Wardle	PI/PD CPI CPI	PHYSIOL PHYSIOL PHYSIOL	Galleon Pharmaceuticals, Inc.	\$56,686		C R	MRA GLN Work Order #3: 2009 Annual Husbandry
2008-9258 01	Adam Asch	PI/PD	LJCC	Cancer and Leukemia Group B (The University of Chicago)	\$1		C N	Master CALGB Agreement
2008-9261 01	Paul P. Cook Dawd Siraj Tedra Claytor	PI/PD CPI CPI	MED MED MED	Pfizer Pharmaceuticals	\$44,021		C N	Pfizer Protocol #A4001067
2009-0150 01	Robert Newman	PI/PD	FAM/MED	Pitt Memorial Hospital Foundation, Inc.	\$24,750			N Saving Our Sight
2009-0152 01	Michael R. Van Scott Robert Wardle	PI/PD CPI	PHYSIOL PHYSIOL	Taligen Therapeutics	\$1		C N	TAL MRA
2009-0152 02	Michael R. Van Scott Robert Wardle	PI/PD CPI	PHYSIOL PHYSIOL	Taligen Therapeutics	\$127,888		C R	TAL MRA WO2: Anti-Factor B Efficacy Study
2009-0154 01	Suzanne Russo Paul Walker	PI/PD CPI	RADONC MED	National Institutes of Health (NIH)	\$500,000			N Evaluating the Role of Akt in Esophageal Cancer

ID No.	Investigator(s)	Role	Dept	Sponsor	Amount	Awd Prop		Title
						Cat	Type	
2009-0159 01	Yancey Crawford	PI/PD	PEDS	Pitt Memorial Hospital Foundation, Inc.	\$4,630		N	7th Pediatric Healthy Weight Summit: Childhood Obesity & the Social Environment
2009-0160 01	Christopher J. Wingard	PI/PD	PHYSIOL	The Institute for Pharmaceutical Discovery	\$1	C	N	MRA for Bioanalytics Compound(s) in Erectile Physiology
2009-0161 01	David N. Collier Yancey Crawford	PI/PD CPI	PEDS PEDS	Pitt Memorial Hospital Foundation, Inc.	\$73,500		N	ECU "Take Off 4-Health" Camp & Family-Centered Program for Overweight Youth
2009-0172 01	James A. McCubrey Richard A. Franklin	PI/PD CPI	MCBI MCBI	National Institutes of Health (NIH)	\$1,793,750		N	Sensitization of Breast Cancer Therapy by Cam-K Inhibition
2009-0181 01	Abdel A. Abdel-Rahman Badr M. Ibrahim	PI/PD CPI	PHAR PHAR	National Institutes of Health (NIH)	\$69,430		N	Mechanisms Involved in Central CB1 Receptor-mediated Pressor Response
2009-0184 01	Daniel P. Moore	PI/PD	PHYMR	Allergan, Inc.	\$24,231		N	Rehab Doctor of the Day
<b><u>College of Allied Health Sciences</u></b>								
2008-0128 02	Leslie Allison Jane A. Painter Kenneth Steinweg	PI/PD CPI CPI	PTHE OCCT FAM/MED	Pitt Memorial Hospital Foundation, Inc.	\$49,913	G	R	FALL-ER: A New Screening and Evaluation Program to Prevent Fall-related Injuries in Older Adults
2008-0140 02	Donald E. Ensley Beth Velde	PI/PD CPI	HSIM OCCT	Pitt Memorial Hospital Foundation, Inc.	\$10,000	G	R	Improving Minority Health Through Dissemination of Information, Educational, Exchange and Empowerment
<b><u>College of Nursing</u></b>								
2004-0116 06	Maura S. McAuliffe	PI/PD	NURSING	Health Resources and Services Administration-U.S. Dept. of Health & Human Serv	\$353,812	G	R	Nurse Anesthetist Traineeship Program FY09

ID No.	Investigator(s)	Role	Dept	Sponsor	Amount	Awd Prop		Title
						Cat	Type	
2004-0134 06	Marie E. Pokorny	PI/PD	NURSING	Health Resources and Services Administration-U.S. Dept. of Health & Human Servic	\$5,361,689		G R	Advanced Education Nursing Traineeship Program FY 2009
2009-0169 01	Janice A. Neil	PI/PD	NURSING	Health Resources and Services Administration-U.S. Dept. of Health & Human Servic	\$941,421		N	Recruitment and Retention of Diverse Students at East Carolina University CON
	Josie M. Bowman	CPI	NURSING					
	Lou Anne Baldree	CPI	NURSING					
	Walter Houston	CPI	NURSING					

## Research & Graduate Studies

### Institute for Coastal & Marine Resources

2009-0162 01	Roger A. Rulifson	PI/PD	IICSP BIOL	U.N.C.-Sea Grant Program	\$66,597		N	Gillnet Calibration for Spiny Dogfish Abundance Assessment
--------------	-------------------	-------	---------------	--------------------------	----------	--	---	--

### Regional Development Services

2009-0148 01	Samantha Foushee-Lancaster	PI/PD	CSR-RGS	Research Triangle Institute, International	\$3,000		C N	e-NC Telecenter Survey
--------------	----------------------------	-------	---------	--	---------	--	-----	------------------------

**Total Number of Submission** **60**

**Total Amount Submitted** **\$27,294,065**

# SUMMARY OF PROPOSALS AWARDED

12/10/2008

11/1/08 to 11/30/08

ID No.	Investigator(s)	Role	Dept	Sponsor	Amount	Cat/ NT	Awd Type	Prop Type	Title
<b>Academic Affairs</b>									
<u>College of Fine Arts &amp; Communications</u>									
2008-0040 02	Edward Jacobs	PI/PD	MUSED	N.C. Arts Council	\$2,750	G	R		Young Composers
<u>College of Health &amp; Human Performance</u>									
2009-0136 01	Tim Kelley	PI/PD	HLTEDUC	Greenville Utilities Commission	\$6,000	G	N		Nitrification Evaluation in the Greenville, NC Drinking Water Storage and Distribution System
	Jesse Chadwick	CPI	HLTEDUC						
2009-0140 01	Tim Kelley	PI/PD	HLTEDUC	Greenville Utilities Commission	\$6,000	G	N		Evaluation of Bacterial and Viral Indicators to Determine Water Reuse Potential
<u>College of Human Ecology</u>									
2009-0139 01	Mary S. Jackson	PI/PD	SOCW	North Carolina Developmental Disabilities Council	\$3,000	G	N		Families Forging Ahead to a Brighter Future
	Linda Crane-Mitchell	CPI	CDFR						
<u>College of Technology &amp; Computer Science</u>									
2009-0153 01	Yuhong Wang	PI/PD	CONSTM	US Green Building Council	\$90,842	G	N		Improvement of Porous Pavement System for On-Site Stormwater Management
<u>Thomas Harriot College of Arts and Sciences</u>									
2009-0117 01	Megan Perry	PI/PD	ANTH	Southeastern Archaeological Research, Inc.	\$7,000	G	N		Human Osteological Analysis of Bones from Jarrett's Point Ossuary (Site 31ON309)
<b>Health Sciences</b>									
<u>Brody School of Medicine</u>									
2004-0238 07	Charles W. Daeschner, III	PI/PD	PEDS	St. Jude's Children's Research Hospital, Inc.	\$59,864	G	SN		Stroke With Transfusions Changing To Hydroxyurea (SWITCH)

ID No.	Investigator(s)	Role	Dept	Sponsor	Amount	Cat/	Awd	Prop	Title
						NT	Type	Type	
2007-0084 03	Suzanne Lazorick	PI/PD	PEDS	U.N.C.-Chapel Hill	\$26,200	G	SN		Primary Care and Communitites Tackling Obesity in Kids
2007-0332 03	Clinton Faulk Joon Lee	PI/PD CPI	PHYMR FAM/MED	American Geriatrics Society	\$20,000	G	SN		Curriculum Development in Geriatric Rehabilitation at Brody SOM
2007-0393 03	Tedra Claytor	PI/PD	MED	Health Resources and Services Administration-U.S. Dept. of Health & Human Servic	\$596,511	G	R		East Carolina University Ryan White Title IV Funding
2007-9187 01	Darla K. Liles	PI/PD	LJCC	Bayer HealthCare Pharmaceuticals, Inc.	\$19,463	C	N		SPINART
2008-0153 01	Everett C. Pesci	PI/PD	MCBI	U.S. Department of Agriculture	\$15,000	G	N		Mid-Atlantic Microbial Pathogenesis Meeting
2008-9258 01	Adam Asch	PI/PD	LJCC	Cancer and Leukemia Group B (The University of Chicago)	\$1	C	N		Master CALGB Agreement
2008-9261 01	Paul P. Cook Dawd Siraj Tedra Claytor	PI/PD CPI CPI	MED MED MED	Pfizer Pharmaceuticals	\$44,021	C	N		Pfizer Protocol #A4001067
2009-0018 01	Arthur P. Bode	PI/PD	PATH	MidWest Animal Blood Service	\$114,541	G	N		Characterization of Canine Freeze-dried Platelets for Clinical Studies in Hemorrhagic Dogs - Part II
2009-0128 01	David N. Collier Kathryn M. Kolasa	PI/PD CPI	PEDS FAM/MED	North Carolina Health and Wellness Trust Fund Commission	\$86,309	C	N		Practice Based Nutrition Project to Reduce Childhood Obesity
2009-0152 01	Michael R. Van Scott Robert Wardle	PI/PD CPI	PHYSIOL PHYSIOL	Taligen Therapeutics	\$1	C	N		TAL MRA

ID No.	Investigator(s)	Role	Dept	Sponsor	Amount	Cat/ Awd Prop		Title
						NT	Type	
2009-0152 02	Michael R. Van Scott Robert Wardle	PI/PD CPI	PHYSIOL PHYSIOL	Taligen Therapeutics	\$127,888		C R	TAL MRA WO2: Anti-Factor B Efficacy Study

**Total Number of Awards**

**18**

**Total Amount Awarded**

**\$1,225,391**

NT=Non-traditional Award

NGA= No Grants Adm.