



Office of  
Sponsored Programs  
  
2906 Greenville Centre  
252-328-9540  
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**MEMORANDUM**

**DATE:** February 12, 2009  
**TO:** Dr. Deirdre Mageean, Vice-Chancellor, Division of Research & Graduate Studies  
**CC:** Dr. Paul Gemperline, Dr. Phyllis Horns, Dr. Marilyn Sheerer, Dr. Linner Griffin, Dr. John Lehman, Tereasa Hopkins, Margaret Pio, Mary Hawkins, Kathie Hall, Kevin Seitz, Anne Jenkins, Sherrilyn Johnson, Doug Boyd  
**FROM:** Jamaal Peele, Admin. Support Associate  
**SUBJECT:** Monthly Report for January 2009

Attached for your reference is the January 2009 report of ECU's Sponsored Programs Activity. This report is summarized below. For purposes of comparison, figures for the same month last year are also summarized.

**Including Non-Traditionals**

	<u>January 08</u>	<u>January 09</u>	<u>July 2007 - January 2008</u>	<u>July 2008 - January 2009</u>
No. of Proposals Submitted	55	69	343	379
Amount Requested	\$8,997,981	\$29,452,949	\$81,322,967	\$127,676,554
No. of Proposals Funded	38	19	219	229
Amount Awarded	\$2,725,102	\$1,311,015	\$21,841,203	\$18,324,311

**Attachments:** Monthly Submissions & Awards Summary  
YTD Submissions & Awards Summary  
YTD Total Submissions by Academic Units in Divisions  
YTD Total Awards by Academic Units in Divisions  
Monthly Summary of Proposals Submitted  
Monthly Summary of Proposals Awarded

# SUMMARY OF PROPOSALS SUBMITTED

2/11/2009

1/1/09 to 1/31/09

ID No.	Investigator(s)	Role	Dept	Sponsor	Amount	Cat	Awd Type	Prop Type	Title
<b>Academic Affairs</b>									
<u>College of Education</u>									
2009-0226 01	Diane Rodriguez Jane Manner	PI/PD CPI	CI CI	U.S. Department of Education	\$1,471,133		N		Project MODEL: Maximizing Opportunities for Delivery of Educational Licensure
2009-0236 01	Diana Lys	PI/PD	TEACHED	North Carolina Foundation for Public School Children	\$5,400		G	N	North Carolina Teacher Cadet Program
2009-0241 01	Tammy Lee	PI/PD	MSE	N.C. Biotechnology Center	\$6,000			N	East Carolina University & Go Science Summer Camp Stream Ecology
<u>College of Fine Arts &amp; Communications</u>									
2009-0223 01	Michael Crane	PI/PD	FNART	James J. and Mamie Richardson Perkins Trust Distribution	\$24,000		G	N	Kennedy Center 2009-10 Programming
<u>College of Health &amp; Human Performance</u>									
2009-0227 01	Timothy P. Gavin John Pender Moahad S. Dar	PI/PD CPI CPI	EXSS SURG PHAR	U.N.C.-Chapel Hill	\$25,000			N	Treatment of Type 2 Diabetes by Duodenal Jejunal Bypass
2009-0258 01	Jennifer L. Cremeens Elizabeth H. Chaney	PI/PD CPI	HLTEDUC HLTEDUC	U.S. Department of Education	\$269,436			N	Community Outreach Prevention: Collaboration between Two-Year and Four-Year Institution to Address High-risk Drinking among College Students
<u>College of Human Ecology</u>									
2006-0241 04	Priti P. Desai	PI/PD	CDFR	Pitt County Memorial Hospital	\$15,000		G	R	Camp WholeHeart
2009-0214 01	Sibyelle Kranz	PI/PD	NUTR	National Institutes of Health (NIH)	\$55,488			N	Intergenerational Resemblance of Eating: The CSFII

ID No.	Investigator(s)	Role	Dept	Sponsor	Amount	Awd Prop		Title
						Cat	Type	
2009-0249 01	Charles Gustina	PI/PD	IDM	Nuckolls Fund for Lighting Education	\$20,000		N	Color and Light in Interior Design
<u>Thomas Harriot College of Arts and Sciences</u>								
2007-0012 04	Jinling Huang	PI/PD	BIOL	National Science Foundation	\$499,644		G R	Comparative Genome Analyses of Gene Transfer in Giardia and Cyanidioschyzon
2009-0210 01	Eli G. Hvastkovs	PI/PD	CHEM	Oak Ridge Associated Universities	\$5,000		N	Electrochemical Detection of DNA Methylation
2009-0213 01	Kyle Summers	PI/PD	BIOL	National Science Foundation	\$232,428		N	Mimicry and Mate Choice in Peruvian Poison Frogs
2009-0219 01	Mamadi Corra	PI/PD	SOCI	National Science Foundation	\$157,531		N	The Underrepresentation of Black and Hispanic Students in Advanced Academic Courses
2009-0225 01	Yong Zhu	PI/PD	BIOL	National Science Foundation	\$599,092		N	Roles of Prolactin Receptor in Zebrafish Development
2009-0228 01	Michael Dingfelder Edson L. Justiano Martin Bier	PI/PD CPI CPI	PHYS PHYS PHYS	U.S. Nuclear Regulatory Commission	\$139,885		N	Development of Selected Courses to Extend & Enrich the Current Master's Degree Curriculum in HP
2009-0229 01	Jefferson L. Shinpaugh Larry H. Toburen	PI/PD CPI	PHYS PHYS	National Science Foundation	\$867,982		N	MRI: Acquisition of an ion accelerator and instrument upgrade
2009-0253 01	Tamara Warner	PI/PD	PSYC	National Institute on Drug Abuse (NIH)	\$934,862		N	Brain Development, Behavior and Cognition in Pre- and Postnatal Cocaine Exposure
2009-0254 01	Rickey Hicks	PI/PD	CHEM	U.S. Army Medical Research Acquisition Agency	\$5,558,998		N	Application of Antimicrobial Peptides in Infected Wound Healing

ID No.	Investigator(s)	Role	Dept	Sponsor	Amount	Awd Prop		Title
						Cat	Type	
2009-0259 01	Anthony Hazelton Samuel Sears	PI/PD CPI	PSYC PSYC	American Heart Association	\$46,000		N	Decisional Balance among Potential ICD Receptients: Development of the ICD Decision Analysis Scale
2009-0262 01	Melissa Matchett	PI/PD	PSYC	American Heart Association	\$82,000		N	Psychosocial Intervention Trial for Pediatric Patients with Implantable Defibrillators

## Health Sciences

### Brody School of Medicine

1997-0446 23	Edward R. Newton	PI/PD	OB/GYN	N.C. Department of Health and Human Services	\$8,174		G	R	High Risk Maternity Clinic
1998-0039 18	Gary Stainback	PI/PD	PEDS	N.C. Department of Health and Human Services	\$142,778		C	R	Southeastern and Northeastern Assistive Technology Services
2004-0280 06	Charles W. Daeschner, III	PI/PD	PEDS	U.N.C.-Chapel Hill	\$12,975		G	R	Region IV North, Comprehensive Hemophilia Treatment- MCHB Portion
2005-0250 05	Elaine Cabinum-Foeller	PI/PD	PEDS	Governor's Crime Commission	\$386,014		G	R	Care NC (Child Abuse Reduction in Eastern NC)
2006-0306 05	Tedra Claytor	PI/PD	MED	Health Resources and Services Administration-U.S. Dept. of Health & Human Serv	\$1,580,781		G	N	Ryan White Title III Funding (Part C - Early Intervention Services)
2007-0255 03	Jitka Virag Jian M Ding Robert M. Lust	PI/PD CPI CPI	PHYSIOL PHYSIOL PHYSIOL	National Institutes of Health (NIH)	\$1,779,927			R	Circadian Genes and Cardiac Injury
2008-0129 03	Robert Newman	PI/PD	FAM/MED	Pitt Memorial Hospital Foundation, Inc.	\$40,000		G	R	Colorectal Cancer Screening for Uninsured Patients
2008-0312 05	Michael R. Van Scott Robert G. Carroll	PI/PD CPI	PHYSIOL PHYSIOL	Galleon Pharmaceuticals, Inc.	\$31,734		C	R	MRA GLN Work Order #4: Fentanyl Dosing in NHP

ID No.	Investigator(s)	Role	Dept	Sponsor	Amount	Awd Prop		Title
						Cat	Type	
2008-2664 02	Rachel Raab Darla K. Liles Cynthia Lynch	PI/PD CPI CPI	LJCC LJCC LJCC	U.N.C.-Chapel Hill	\$4,666		C R	LCCC 0801
2009-0018 02	Arthur P. Bode	PI/PD	PATH	MidWest Animal Blood Service	\$56,972		G R	Characterization of Canine Freeze-dried Platelets for Clinical Studies in Hemorrhagic Dogs - Part II
2009-0086 02	Li Yang	PI/PD	MED	N.C. Biotechnology Center	\$75,000		R	GPR4 as a Potential Target to Regulate Tumor - Microenvironment Interaction
2009-0088 02	Jared Brown	PI/PD	PHAR	N.C. Biotechnology Center	\$75,000		R	Human Mast Cells as a Model for Studying Carbon Nanotube Toxicity
2009-0089 02	Isabelle Lemasson	PI/PD	MCBI	N.C. Biotechnology Center	\$75,000		R	Effects of the HTLV-1 Encoded HBZ Protein on p300/CBP Coactivator Functions
2009-0160 02	Christopher J. Wingard	PI/PD	PHYSIOL	The Institute for Pharmaceutical Discovery	\$18,772		C R	MRA for Bioanalytics Compound(s) in Erectile Physiology
2009-0189 02	Arthur P. Bode Samer El Choufani	PI/PD CPI	PATH PATH	National Blood Foundation	\$75,000		R	Pilot Study on Use of Lyophilized Platelets to Correct and Adhesion Defect in Blood from Open-Heart Surgery Patients on Cardiopulmonary Bypass
2009-0216 01	Ruth A. Schwalbe	PI/PD	BIOCHEM	National Science Foundation	\$493,831		N	N-Glycosylation processing modulates neuronal excitability
2009-0217 01	Paul T Bray Doyle M. Cummings	PI/PD CPI	FAM/MED MED FAM/MED	U.N.C.-Chapel Hill	\$12,500		N	Effectiveness of Teleretinal Imaging in Primary Care
2009-0218 01	MD Abdul Motaleb	PI/PD	MCBI	Southeast Regional Center for Excellence for Emerging Infections & Biodefense	\$200,000		N	Role of Spirochete Motility and Chemotaxis in the Pathogenesis of Lyme Disease
2009-0220 01	MD Abdul Motaleb	PI/PD	MCBI	American Heart Association	\$308,000		N	Role of Spirochete Motility and Chemotaxis in the Pathogenesis of Lyme Disease

ID No.	Investigator(s)	Role	Dept	Sponsor	Amount	Awd Prop		Title
						Cat	Type	
2009-0221 01	Kathy Preville Patrick Merricks	PI/PD CPI	PEDS CLINSKI	University of Louisville	\$1,700		N	Assessing the Impact of PDA Use on Medical Students, Residents and Patients: Phase II
2009-0222 01	Tedra Claytor Diane Campbell C. Suzanne Lea	PI/PD CPI CPI	MED MED PBHLTH	Health Resources and Services Administration-U.S. Dept. of Health & Human Serv	\$2,000,000		N	Project CARE (Creative Approach to Retention and Engagement)
2009-0224 01	Alexander Murashov Jitka Virag Barbara Muller-Borer Douglas Weidner Baohong Zhang Jinling Huang	PI/PD CPI CPI CPI CPI CPI	PHYSIOL PHYSIOL MED MCBI BIOL BIOL	Army Research Office	\$2,807,804		N	Systems Approach to Cell Fate Decisions
2009-0231 01	Paul Walker	PI/PD	MED	U.N.C.-Chapel Hill	\$587,668		N	Intervention for Non-Small Cell Lung Cancer
2009-0232 01	John M. Olsson	PI/PD	PEDS	Children's Miracle Network	\$4,335		N	Hyperbilirubinemia
2009-0233 01	Paul Walker Cynthia Lynch Rachel Raab	PI/PD CPI CPI	LJCC LJCC LJCC	U.N.C.-Chapel Hill	\$699,828		N	Structural Barriers to Equitable Care
2009-0243 01	Edward R. Seidel	PI/PD	PHYSIOL	Eli Lilly and Company	\$2,437		N	Visfatin As An Insulinomimetic
2009-0244 01	Isabelle Lemasson	PI/PD	MCBI	American Heart Association	\$154,000		N	Inhibition of the Coactivator p300 Functions by the Viral Protein HBZ: A Potential Mechanism for Repression of Cardiac Hypertrophy
2009-0245 01	Edward R. Seidel	PI/PD	PHYSIOL	American Diabetes Association	\$342,870		N	Visfatin as an insulinomimetic

ID No.	Investigator(s)	Role	Dept	Sponsor	Amount	Cat	Awd Prop		Title
							Type	Type	
2009-0247 01	Alexander Murashov Di Wu	PI/PD CPI	PHYSIOL PHYSIOL	Sigma Delta Epsilon/Graduate Women in Science, Inc.	\$9,000		N		MicroRNA Biogenesis in Peripheral Nerve Regeneration
2009-0250 01	Saame Raza Shaikh	PI/PD	BIOCHEM	National Institutes of Health (NIH)	\$1,250,000		N		DHA, Vitamin E, and Non-raft Domains of Model Membranes and Lymphocytes
2009-0251 01	Abdel A. Abdel-Rahman Badr M. Ibrahim	PI/PD CPI	PHAR PHAR	American Heart Association	\$46,000		N		Mechanisms involved in central CB1 receptor-mediated pressor response
2009-0252 01	Thomson Pancoast Ali Kanchawala	PI/PD CPD	MED MED	American Thoracic Society	\$50,000		N		Carbon Nanotubes as a Tool for Generating an Experimental Model of Pulmonary Sarcoidosis
2009-0255 01	David N. Collier Yancey Crawford	PI/PD CPI	PEDS PEDS	Robert Wood Johnson Foundation	\$360,000		N		East Carolina University 4 Healthy Kids
2009-0256 01	Robert J. Tanenberg	PI/PD	MED	Sanofi-Aventis	\$2,500		N		16th Annual Furth Lectureship/DOIM Grand Rounds
2009-0257 01	Brett D. Keiper	PI/PD	BIOCHEM	National Institutes of Health (NIH)	\$1,539,208		N		Control of mRNA Translation Initiation during Cell Growth and Apoptosis
<b><u>College of Allied Health Sciences</u></b>									
2008-0111 02	Steven Sligar Nathalie Mizelle	PI/PD CPI	REHABCO REHABCO	U.S. Department of Education	\$199,424		R		Long-Term Training: Vocational Evaluation and Work Adjustment
2008-0117 02	Daniel Wong Nathalie Mizelle	PI/PD CPI	REHABCO REHABCO	U.S. Department of Education	\$744,113		R		Rehabilitation Long-Term Training - Rehabilitation Counseling
2009-0230 01	Deb Culbertson	PI/PD	CSDI	AG Bell Cochlear Implant Fellowship	\$15,000		N		Cochlear Implant Fellowship Program
2009-0234 01	Nathalie Mizelle Daniel Wong	PI/PD CPI	REHABCO REHABCO	U.S. Department of Education	\$499,773		N		Rehabilitation of Individuals Who Are Mentally Ill

ID No.	Investigator(s)	Role	Dept	Sponsor	Amount	Awd Prop		Title
						Cat	Type	
2009-0235 01	Anne E. Dickerson	PI/PD	OCCT	National Center for Senior Transportation	\$3,000		N	Preparing the Front-Line Department of Motor Vehicle Staff for the Baby Boomers
2009-0237 01	Anne E. Dickerson	PI/PD	OCCT	National Center for Senior Transportation	\$3,000		N	Preparing General Practice Occupational Therapist to Address Transportation and Driving
2009-0238 01	Anne E. Dickerson	PI/PD	OCCT	National Center for Senior Transportation	\$3,000		N	Developing A Clinical Reasoning Process for Practitioners to use for Transition from Driving
2009-0239 01	Deb Culbertson Ellen Crowell (student)	PI/PD CPI	CSDI CSDI	Educational Audiology Association	\$2,283		N	Normative and Comparative Data for Selected Speech Recognition Tests in Young Children
2009-0240 01	Julia Morrow	PI/PD	CSDI	AAUW Educational Foundation, Fellowships and Grants	\$5,000		N	SP.E.E.CH. Camp
2009-0246 01	Paul P. Alston	PI/PD	REHABCO	Syracuse University	\$228,553		N	Southeast Regional Technical Assistance and Continuing Education "TACE" Center
2009-0248 01	Paul Toriello	PI/PD	REHABCO	Pitt County United Way	\$50,384		N	UWPC-PWR Continuation

## Research & Graduate Studies

### Institute for Coastal & Marine Resources

2009-0242 01	Joseph J. Luczkovich Mark W. Sprague Jason Yao	PI/PD CPI CPI	BIOL IICSP PHYS ENGINEER	National Science Foundation	\$829,907		N	Development of a Passive Acoustic Remote Telemetry System (PARTS): An Instrument for Monitoring Soundscapes in a Changing Ocean
2009-0261 01	Jeffrey C. Johnson	PI/PD	SOCI IICSP	National Science Foundation	\$576,456		N	Summer Institute for Research Design in Cultural Anthropology

ID No.	Investigator(s)	Role	Dept	Sponsor	Amount	Cat	Awd Type	Prop Type	Title
<u>Regional Development Services</u>									
2009-0215 01	Samantha Foushee-Lancaster	PI/PD	CSR-RGS	N.C. Department of Environment and Natural Resources	\$43,703		C	N	Opinion Survey on Public Perceptions of Environmental Quality and Value

**Total Number of Submission** **69**

**Total Amount Submitted** **\$29,452,949**

# SUMMARY OF PROPOSALS AWARDED

2/11/2009

1/1/09 to 1/31/09

ID No.	Investigator(s)	Role	Dept	Sponsor	Amount	Cat/ NT	Awd Type	Prop Type	Title
<b>Academic Affairs</b>									
<u>Academic Library Services</u>									
2007-0298 02	Maurice C. York	PI/PD	LIBSVC	N.C. Arts Council	\$10,000	G	R		Fifth Eastern North Carolina Literary Homecoming
	Margaret D. Bauer	CPI	ENGL						
<u>College of Education</u>									
2009-0236 01	Diana Lys	PI/PD	TEACHED	North Carolina Foundation for Public School Children	\$5,400	G	N		North Carolina Teacher Cadet Program
<u>College of Fine Arts &amp; Communications</u>									
2007-0339 03	George Broussard	PI/PD	INSTR	West Virginia University	\$10,352	G	SN		Music Alive!
	Terry Rodenberg	CPI	INTPROG						
2008-0230 01	Michael Crane	PI/PD	FNART	N.C. Arts Council	\$10,000	G	N		Philadanco
2009-0223 01	Michael Crane	PI/PD	FNART	James J. and Mamie Richardson Perkins Trust Distribution	\$27,200	G	N		Kennedy Center 2009-10 Programming
<u>College of Technology &amp; Computer Science</u>									
2006-0257 02	Leslie Paglieri	PI/PD	INDT-D	North Carolina State Energy Office	\$199,500	C	SN		Upgrade and Save Continuation Grant
	Tarek Abdel-Salam	CPI	INDT-D						
<u>Thomas Harriot College of Arts and Sciences</u>									
2008-0348 01	Hong-Bing Su	PI/PD	GEOG	National Science Foundation	\$255,537	G	N		Collaborative Research: Measurement and Modeling of Aerodynamic Interactions Between Tree-Sway-Motion and Turbulence In and Above a Forest Canopy

ID No.	Investigator(s)	Role	Dept	Sponsor	Amount	Cat/	Awd	Prop	Title
						NT	Type	Type	
2009-0123 01	Baohong Zhang	PI/PD	BIOL	U.S. Army Corp of Engineers	\$69,000	G	N		Identification & Functional Analysis of Regulatory microRNAs Responsive to TNT and RDX in the Earthworm <i>Eisenia fetida</i>

## Health Sciences

### Brody School of Medicine

1997-0446 23	Edward R. Newton	PI/PD	OB/GYN	N.C. Department of Health and Human Services	\$8,174	G	R		High Risk Maternity Clinic
2004-0252 07	Roy Martin Roop Daniel W. Martin	PI/PD CPI	MCBI MCBI	National Institutes of Health (NIH)	\$274,871	G	SN		Brucella Iron Metabolism In Host Macrophages
2005-0291 04	David Musick Virginia D. Hardy	PI/PD CPI	ACABSO ASCC	GWish Foundation	\$5,000	G	SN		Curriculum Development in Spirituality & Medicine
2006-0353 06	Warren Knudson	PI/PD	ANAT	National Institute of Arthritis and Musculoskeletal Skin and Diseases (NIH)	\$24,434	G	R		CD44 Mediated Catabolism of Hyaluronan by Chondrocytes
2008-0326 01	Karlene Hewan-Lowe Heng Hong	PI/PD CPI	PATH PATH	College of American Pathologists	\$8,915	G	N		Hobgood Clinic Revitalization
2008-0327 01	Heng Hong Karlene Hewan-Lowe	PI/PD CPI	PATH PATH	College of American Pathologists	\$10,800	G	N		HIV Screening for Pregnant Women in a Remote Area in Xinjiang Uyghur Autonomous Region in China
2008-2664 02	Rachel Raab Darla K. Liles Cynthia Lynch	PI/PD CPI CPI	LJCC LJCC LJCC	U.N.C.-Chapel Hill	\$4,666	C	R		LCCC 0801

### College of Allied Health Sciences

2005-0264 06	Sherri M. Jones	PI/PD	CSDI	National Institutes of Health (NIH)	\$248,497	G	SN		Genetic Basis for Gravity Receptor Dysfunction in Mice (II)
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ID No.	Investigator(s)	Role	Dept	Sponsor	Amount	Cat/	Awd	Prop	Title
						NT	Type	Type	
2008-0042 02	David Cistola	PI/PD	CLINLAB	Alzheimer's Association	\$37,506	G	R		Structural Studies of the APP Transmembrane Domain
2008-0224 02	Timothy Reistetter	PI/PD	OCCT	University of Texas Medical Branch-Galveston	\$91,935	G	SN		NIH K12 Rehabilitation Research Career Development Award - Subcontract with U. Texas Medical Branch

## Research & Graduate Studies

### Agro-Medicine Institute

1998-0349 12	Robin Tutor	PI/PD	AGROME	N.C. Department of Agriculture	\$9,228	G	R		Pesticide Environmental Trust Funds for Agromedicine
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**Total Number of Awards**

**19**

**Total Amount Awarded**

**\$1,311,015**

NT=Non-traditional Award

NGA= No Grants Adm.