

# Office of Sponsored Programs



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The Office of Sponsored Programs is pleased to share the attached summary of individual submissions and awards for July 2007. Below is a summary table of submissions and awards to date.

<b>Including Non-Traditionals</b>	<b>July 06</b>	<b>July 07</b>	<b>July 1, 2006 July 31, 2006</b>	<b>July 1, 2007 July 31, 2007</b>
	No. of Proposals Submitted	64	51	64
Amount Requested	\$28,814,742	\$13,718,095	\$28,814,742	\$13,718,095
No. of Proposals Funded	38	46	38	46
Amount Awarded	\$3,113,962	\$7,433,749	\$3,113,962	\$7,433,749

# SUMMARY OF PROPOSALS SUBMITTED

8/15/2007

7/1/07 to 7/31/07

ID No.	Investigator(s)	Role	Dept	Sponsor	Amount	Cat	Awd Type	Prop Type	Title
<b>Academic Affairs</b>									
<u>College of Education</u>									
1997-0470 18	Sandra H. Warren	PI/PD	CI	N.C. Department of Public Instruction	\$133,751		G	R	NCDPI Division of Exceptional Children Contract
2006-0312 03	Sandra H. Warren Jennifer Williams Dan Boudah	PI/PD CPI CPI	CI CI CI	U.S. Department of Education	\$1,753,118		G	R	ECU SPED T2T: East Carolina University Special Education Transition to Teaching
2007-0459 01	Nancy Zeller Guili Zhang	PI/PD CPI	CI CI	U.N.C.-Chapel Hill	\$10,000			N	The ECU LTLS Research Project
<u>College of Fine Arts &amp; Communications</u>									
2008-0002 01	Jennifer Bugos	PI/PD	FNART	Retirement Research Foundation	\$115,206			R	Bimanual Coordination in Successful Aging: A Model Music Program
<u>College of Health &amp; Human Performance</u>									
2007-0457 01	Joseph Fridgen Valerie Grussing	PI/PD CPI	RLS RLS	N.C. State University	\$3,000		C	N	Heritage Tourism Development of North Carolina Shipwrecks: A Policy Analysis
2007-0458 01	Michael J. Ormsbee	PI/PD	EXSS	Gatorade Sports Science Institute	\$3,500			N	Metabolic Differences in Fat Metabolism during Acute Resistance Exercise
2007-0462 01	Judith Taylor	PI/PD	HLTEDUC	Pitt County Health Education Foundation	\$4,655			N	CERT(Community Emergency Response Team) Training: Health Education-Building a Culture of Preparedness, Part I
<u>College of Human Ecology</u>									
2007-0447 01	Carol Jenkins	PI/PD	SOCW	Council of Social Work Education	\$19,847			N	Master's Advanced Curriculum Project

ID No.	Investigator(s)	Role	Dept	Sponsor	Amount	Cat	Awd	Prop	Title
							Type	Type	
2007-0452 01	Hamid R. Kusha	PI/PD	CJ	Smith Richardson Foundation	\$59,994			N	JIHAD: 21st Century's Challenge to International Security
2008-0006 01	Margie L. Gallagher	PI/PD	NUHM ICMR	W. K. Kellogg Foundation	\$50,000			N	Kellogg Planning Proposal
<u>College of Technology &amp; Computer Science</u>									
2008-0005 01	Mohammad H.N. Tabrizi	PI/PD	CSC	U.S. Civilian Research Development Foundation	\$8,000			N	Development of the System of Speech and Handwriting Recognition on the Base of Neuro-Fuzzy Models
<u>Thomas Harriot College of Arts and Sciences</u>									
2007-0012 02	Jinling Huang	PI/PD	BIOL	National Science Foundation	\$512,345			R	Comparative Genome Analyses of Gene Transfer in Giardia and Cyanidioschyzon
2007-0201 02	Yong-qing Li	PI/PD	PHYS	National Science Foundation	\$620,274			R	Study of the Mechanism of Germination of Bacillus Spores via Analysis of Ca <sup>2+</sup> +DPA Release from Single Spores Using Laser Tweezers Raman Spectroscopy
2007-0203 02	Timothy Romack	PI/PD	CHEM	National Science Foundation	\$311,450			R	RUI: ESI-ToF MS and GPC-MALS Characterization of Fluorocarbon-Based Polymeric . . . .
2007-0359 02	Anthony S. Overton Rhea Miles	PI/PD CPI	BIOL MSE	U.N.C.-Sea Grant Program	\$91,123			R	Recruitment of Estuarine-Dependent Alosines to Albemarle Sound: Will Food Availability or Nursery habitat Limit Success of Restoration Programs?
2007-0360 02	Yong Wang Thomas R. Allen	PI/PD CPI	GEOG GEOG	U.N.C.-Sea Grant Program	\$85,857			R	Mapping Trends in North Carolina's Estuarine Shorelines and Accompanying Infrastructure and Human Vulnerabilities
2007-0361 02	Claudia L. Jolls	PI/PD	BIOL	U.N.C.-Sea Grant Program	\$94,696			R	Beach Vitex Eradication - Competitive Interactions & Herbicide Impacts
2007-0368 02	Catherine Smith Donna Kain	PI/PD CPI	ENGL ENGL	U.N.C.-Sea Grant Program	\$95,418			R	Risk Perceptions and Emergency Communication Effectiveness in Coastal Zones

ID No.	Investigator(s)	Role	Dept	Sponsor	Amount	Awd Prop		Title
						Cat	Type	
2007-0391 02	J.P. Walsh D. Reide Corbett Mark W. Sprague Joseph J. Luczkovich Lisa M. Clough	PI/PD CPI CPI CPI CPI	GEOL GEOL PHYS ICMR BIOL	U.N.C.-Sea Grant Program	\$98,441		R	Towards an Estuarine Ecosystem Model: Response of Pamlico Sound Benthic and Pelagic Communities to Seabed Resuspension
2007-0419 01	Jason Bond	PI/PD	BIOL	National Science Foundation	\$383,008		N	REVSYS: Mygalomorphae Systematics, Taxonomy and Training
2007-0450 01	J.P. Walsh D. Reide Corbett	PI/PD CPI	GEOL GEOL	National Science Foundation	\$349,501		N	A Collaborative Proposal: Formation and Preservation of Fluvial and Marine Depositional Even, Waipaoa River margin New Zealand
2007-0453 01	Robert R. Christian	PI/PD	BIOL	National Science Foundation	\$199,434		N	Biocomplexity Near the Limits of Life: Antarctic Lakes
2007-0454 01	Kwang Hun Lim	PI/PD	CHEM	National Science Foundation	\$253,132		N	Characterizations of Protein Folding and Misfolding Intermediates
2007-0455 01	Siddhartha Mitra	PI/PD	GEOL	National Science Foundation	\$93,251		N	Collaborative Research: Composition and Bioavailability of Persistent Organic Matter in Riverine Ecosystems
2007-0456 01	Carol Goodwillie	PI/PD	BIOL	National Science Foundation	\$286,880		N	Evolutionary Dynamics of Partial Self-Incompatibility in Leptosiphon Jepsonii
2008-0004 01	Jean-Luc Scemama Edmund J. Stellwag	PI/PD CPI	BIOL BIOL	National Science Foundation	\$465,449		N	Effects of Post-Genome Duplication Hox Gene Loss on Evolution of Developmental Gene Function
2008-0011 01	Paul J. Gemperline	PI/PD	CHEM	National Science Foundation	\$243,468		N	GOALI/RUI Batch Slurry Process Measurement and Modeling

## Health Sciences

### Brody School of Medicine

1997-0446 19	Edward R. Newton	PI/PD	OB/GYN	N.C. Department of Health and Human Services	\$312,510		G	R	High Risk Maternity Clinic
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ID No.	Investigator(s)	Role	Dept	Sponsor	Amount	Awd Prop		Title
						Cat	Type	
1997-0457 21	James Cummings	PI/PD	PEDS	N.C. Department of Health and Human Services	\$84,946	C	R	Neonatal Outreach Education Program
1997-0491 13	Charles W. Daeschner, III	PI/PD	PEDS	N.C. Department of Health and Human Services	\$5,400	C	R	Hemophilia Assistance Program/Plan
1998-0180 20	Gary Stainback	PI/PD	PEDS	N.C. Department of Health and Human Services	\$3,769,819	C	R	Developmental Evaluation Clinic
2000-0288 09	Joseph M. Chalovich	PI/PD	BIOCHEM	National Institutes of Health (NIH)	\$1,314,080	G	R	Actin Based Regulation of Smooth Muscle Contraction
2004-0279 04	Elaine Cabinum-Foeller	PI/PD	PEDS	National Children's Alliance	\$10,000	G	R	TEDI BEAR: Children's Advocacy Center
2005-0366 02	Charlie J. Sang, Jr.	PI/PD	PEDS	Duke University Medical Center	\$1,540	C	R	Variability of Echocardiographic Left Ventricular Mass Volume and Ejection Fraction in Pediatric Patients w/ Congestive Cardiomyopathy
2005-0367 02	Charlie J. Sang, Jr.	PI/PD	PEDS	Duke University Medical Center	\$4,600	C	R	Trial of Right Ventricular vs. Modified Blalock-Taussig Shunt in Infants with Single Ventricular Defect Undergoing Staged Reconstruction
2005-0368 02	Charlie J. Sang, Jr.	PI/PD	PEDS	Duke University Medical Center	\$8,835	G	R	Trial of ACE Inhibition in Infants with Single Ventricle
2006-9088 01	Robert J. Tanenberg	PI/PD	MED	Medtronic - Minimed, Inc.	\$138,323	C	N	Protocol #: P12/722-S3
2007-0199 02	Elaine Cabinum-Foeller	PI/PD	PEDS	U.N.C.-Chapel Hill	\$5,600	G	R	Tedi Bear CAC UNC-CH Regional Training
2007-0463 01	Brian M. Shewchuk	PI/PD	BIOCHEM	National Science Foundation	\$483,865		N	Mechanism of Pit-1 Dependent Growth Hormone Locus Control Region Activity

ID No.	Investigator(s)	Role	Dept	Sponsor	Amount	Awd Prop		Title
						Cat	Type	
2007-9148 01	Howard Homesley	PI/PD	OB/GYN	Diatech Oncology Corporation	\$15,000		C N	Protocol: MiCK
2007-9158 01	Michael Stoner Aravinda Nanjundappa Frank Parker	PI/PD CPI CPI	SURG SURG SURG	Cordis Corporation	\$20,000		C N	Protocol No. P06-3603
2007-9159 01	Robert J. Tanenberg	PI/PD	MED	Quigley Pharma, Inc.	\$28,577		C N	Protocol #: QR-333-002
2008-0001 01	Alexander Murashov	PI/PD	PHYSIOL	National Science Foundation	\$428,240		N	Role of miRNA Biosynthetic Proteins in Regenerative Axon Growth
<b>Office of Clinical Skills</b>								
2007-0451 01	Maria C. Clay Thomas Clay Diana Antonacci	PI/PD CPI CPI	CLINSKI PSY/MED PSY/MED	American Medical Association- Education and Research Foundation	\$30,000		G N	Assessment of an Intervention Regarding Sound Prescribing Practices
<b>Research &amp; Graduate Studies</b>								
<b><u>Agro-Medicine Institute</u></b>								
2007-0461 01	Kristen S. Borre	PI/PD	AGROME	Pitt County Health Education Foundation	\$6,110		N	Students Lead the Way to Fit Together Move More Communities
<b><u>Institute for Coastal &amp; Marine Resources</u></b>								
2006-0223 03	David C. Griffith	PI/PD	ICMR ANTH	National Science Foundation	\$362,824		R	Migration and Knowledge
2007-0077 02	David C. Griffith	PI/PD	ICMR ANTH	U.N.C.-Sea Grant Program	\$137,990		C R	Sea Grant Extension Program
2008-0003 01	Roger A. Rulifson	PI/PD	ICMR	U.N.C.-Sea Grant Program	\$99,978		N	Movements Across Multiple Scales of Spiny Dogfish Overwintering in Coastal North Carolina Waters

ID No.	Investigator(s)	Role	Dept	Sponsor	Amount	Awd Prop		Title
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2008-0007 01	David C. Griffith	PI/PD	ICMR ANTH	Gulf and South Atlantic Fisheries Development Foundation	\$93,791		N	Comparative Ethnography in the Development of Impact Assessment Methodologies: Profiling Two South Carolina Fishing Communities
2008-0009 01	Roger A. Rulifson	PI/PD	ICMR	U.N.C.-Sea Grant Program	\$10,000		C N	Coastal Movements of Spiny Dogfish: Current Knowledge and Future Direction for Research
<u>Regional Development Services</u>								
2007-0460 01	Samantha Foushee	PI/PD	CSR	Town of Plymouth, NC	\$1,269		N	Plymouth Community Survey Tabulation
<b>Total Number of Submissions</b>			<b>51</b>					
<b>Total Amount Submitted</b>			<b>\$13,718,095</b>					

# SUMMARY OF PROPOSALS AWARDED

8/15/2007

7/1/07 to 7/31/07

ID No.	Investigator(s)	Role	Dept	Sponsor	Amount	Cat/	Awd	Prop	Title
						NT	Type	Type	
<b>Academic Affairs</b>									
<u>College of Education</u>									
1997-0470 18	Sandra H. Warren	PI/PD	CI	N.C. Department of Public Instruction	\$133,751	G	R		NCDPI Division of Exceptional Children Contract
2006-0312 03	Sandra H. Warren Jennifer Williams Dan Boudah	PI/PD CPI CPI	CI CI CI	U.S. Department of Education	\$350,611	G	R		ECU SPED T2T: East Carolina University Special Education Transition to Teaching
2007-0223 01	Sandra H. Warren	PI/PD	CI	U.S. Department of Education	\$99,999	G	N		ECU Special Education Training Improvement Grant
2007-0379 03	Tarrick C. Cox	PI/PD	TEACHED	Martin, Beaufort, and Hyde County Schools	\$15,748	G	SN		GEAR UP Summer Institute - Martin, Beaufort, and Hyde County Schools
<u>College of Health &amp; Human Performance</u>									
2005-0204 03	David Loy	PI/PD	RLS	Pitt Memorial Hospital Foundation, Inc.	\$15,000	G	R		Adapted Sports & Recreation Project
2007-0162 01	P. Darrell Neuffer G. Lynis Dohm	PI/PD CPI	EXSS PHYSIOL	National Institutes of Health (NIH)	\$307,260	G	N		Mitochondrial Bioenergetics and Etiology of Insulin Resistance
2007-0299 01	Michael R. McCammon	PI/PD	EXSS	Pitt Memorial Hospital Foundation, Inc.	\$95,000	G	N		Physical Activity Mentoring: Jr. Mentors at the Boys and Girls Club
2007-0457 01	Joseph Fridgen Valerie Grussing	PI/PD CPI	RLS RLS	N.C. State University	\$3,000	C	N		Heritage Tourism Development of North Carolina Shipwrecks: A Policy Analysis

ID No.	Investigator(s)	Role	Dept	Sponsor	Amount	Cat/	Awd	Prop	Title
						NT	Type	Type	
<u>International Studies / Programs</u>									
2006-0344 02	Sylvie D. Henning John Tucker	PI/PD CPI	INTSTUD HIST	U.S. Department of Education	\$75,783	G	SN		Asian Studies Program
<u>Thomas Harriot College of Arts and Sciences</u>									
2006-0030 02	Rebecca Torres	PI/PD	GEOG	National Science Foundation	\$120,209	G	SN		CAREER: Rural Transformation and Latino Transnational Migration in the U.S. South
2006-0035 06	Paul A. Gares Yong Wang	PI/PD CPI	GEOG GEOG	U.N.C.-Sea Grant Program	\$18,044	C	SN		Using LIDAR to Monitor Long-Term Topographic Changes on Barrier Island Systems
2006-0037 06	Jeffrey C. Johnson Joseph J. Luczkovich Lisa M. Clough David C. Griffith	PI/PD CPI CPI CPI	SOCI ICMR BIOL ICMR ANTH	U.N.C.-Sea Grant Program	\$18,044	C	SN		Incorporating Humans In Ecosystem-Based Models of Fishery Management
2006-0039 06	Thomas W. Crawford Don E. Bradley Robert H. Edwards	PI/PD CPI CPI	GEOG SOCI SOCI	U.N.C.-Sea Grant Program	\$18,044	G	SN		Linking Demographic Patterns to Landscape Indicators of Coastal Development
2007-0185 01	David R. Chalcraft	PI/PD	BIOL	National Science Foundation	\$250,000	G	N		The Effects of Biodiversity on Pond Communities: Incorporating Natural Patterns of Diversity Loss
2007-0204 01	Scott Curtis	PI/PD	GEOG	National Science Foundation	\$36,383	G	N		Collab. Research & RU: Physical Mechanisms Behind the Caribbean Mid-Summer Drought
2007-0376 01	David Stewart Lawrence E. Babits Jeremy Eamick	PI/PD CPI CPI	HIST HIST HIST	U.N.C.-Sea Grant Program	\$3,000	C	N		New Bern Remote Sensing Survey
2007-0430 01	Mohammed Kashef	PI/PD	GEOG	Belhaven/Pantego Rotary Club	\$4,500	C	N		Belhaven Amphitheater

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<b>Health Sciences</b>									
<u>Brody School of Medicine</u>									
1997-0446 19	Edward R. Newton	PI/PD	OB/GYN	N.C. Department of Health and Human Services	\$312,510	G	R		High Risk Maternity Clinic
1997-0457 21	James Cummings	PI/PD	PEDS	N.C. Department of Health and Human Services	\$85,039	C	R		Neonatal Outreach Education Program
1997-0491 13	Charles W. Daeschner, III	PI/PD	PEDS	N.C. Department of Health and Human Services	\$5,400	C	R		Hemophilia Assistance Program/Plan
1998-0180 20	Gary Stainback	PI/PD	PEDS	N.C. Department of Health and Human Services	\$3,769,819	C	R		Developmental Evaluation Clinic
2002-0227 06	Kathryn M. Kolasa Nancy G. Harris Annette I. Peery	PI/PD CPI CPI	FAM/MED NUHM ADULT	Pitt Memorial Hospital Foundation, Inc.	\$34,800	G	R		Food Literacy Partners Program
2003-0330 05	David N. Collier John M. Olsson Kathryn M. Kolasa Sarah Henes	PI/PD CPI CPI CPI	PEDS PEDS FAM/MED PEDS	Pitt Memorial Hospital Foundation, Inc.	\$57,104	G	R		KIDPOWER
2004-0279 04	Elaine Cabinum-Foeller	PI/PD	PEDS	National Children's Alliance	\$10,000	G	R		TEDI BEAR: Children's Advocacy Center
2005-0250 03	Elaine Cabinum-Foeller	PI/PD	PEDS	Governor's Crime Commission	\$100,000	G	R		Care NC (Child Abuse Reduction in Eastern NC)
2005-0366 02	Charlie J. Sang, Jr.	PI/PD	PEDS	Duke University Medical Center	\$1,540	C	R		Variability of Echocardiographic Left Ventricular Mass Volume and Ejection Fraction in Pediatric Patients w/ Congestive Cardiomyopathy

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2005-0367 02	Charlie J. Sang, Jr.	PI/PD	PEDS	Duke University Medical Center	\$4,600	C	R		Trial of Right Ventricular vs. Modified Blalock-Taussig Shunt in Infants with Single Ventricular Defect Undergoing Staged Reconstruction
2005-0368 02	Charlie J. Sang, Jr.	PI/PD	PEDS	Duke University Medical Center	\$8,835	G	R		Trial of ACE Inhibition in Infants with Single Ventricle
2005-0371 03	Edson R. Rocha	PI/PD	MCBI	National Institutes of Health (NIH)	\$42,750	G	SN		Role of Bacteroides Fragilis New Hemolysis in Experimental Infection
2006-9088 01	Robert J. Tanenberg	PI/PD	MED	Medtronic - Minimed, Inc.	\$130,841	C	N		Protocol #: P12/722-S3
2007-0199 02	Elaine Cabinum-Foeller	PI/PD	PEDS	U.N.C.-Chapel Hill	\$5,600	G	R		Tedi Bear CAC UNC-CH Regional Training
2007-0212 01	Mark D. Mannie	PI/PD	MCBI	National Multiple Sclerosis Society	\$150,183	G	N		Antigen-specific Inhibition of EAE
2007-0269 01	Elaine Cabinum-Foeller	PI/PD	PEDS	Pitt Memorial Hospital Foundation, Inc.	\$12,000	G	N		Primary Sexual Abuse Prevention Project
2007-0270 01	David N. Collier Yancey Crawford	PI/PD CPI	PEDS PEDS	Pitt Memorial Hospital Foundation, Inc.	\$26,680	G	N		ECU Residential Summer Camp & Family Centered Program for Overweight Youth in ENC
2007-0308 01	David N. Collier Yancey Crawford	PI/PD CPI	PEDS PEDS	Pitt Memorial Hospital Foundation, Inc.	\$4,000	C	N		5th Annual Pediatric Healthy Weight Summit: Environmental Influences on Obesity
2007-0332 01	Clinton Faulk Joon Lee	PI/PD CPI	PHYMR FAM/MED	American Geriatrics Society	\$16,000	G	N		Curriculum Development in Geriatric Rehabilitation at Brody SOM
2007-0443 01	Arthur P. Bode	PI/PD	PATH	Entegriion, Inc.	\$30,660	C	N		Continued and Extended In Vitro Evaluation of Stasix, Produced by Entegriion, Inc.

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2007-9148 01	Howard Homesley	PI/PD	OB/GYN	Diatech Oncology Corporation	\$15,000		C	N	Protocol: MiCK
2007-9158 01	Michael Stoner Aravinda Nanjundappa Frank Parker	PI/PD CPI CPI	SURG SURG SURG	Cordis Corporation	\$18,744		C	N	Protocol No. P06-3603
2007-9159 01	Robert J. Tanenberg	PI/PD	MED	Quigley Pharma, Inc.	\$28,556		C	N	Protocol #: QR-333-002
<b><u>Office of Clinical Skills</u></b>									
2007-0451 01	Maria C. Clay Thomas Clay Diana Antonacci	PI/PD CPI CPI	CLINSKI PSY/MED PSY/MED	American Medical Association- Education and Research Foundation	\$30,000		G	N	Assessment of an Intervention Regarding Sound Prescribing Practices
<b><u>School of Allied Health Sciences</u></b>									
2007-0192 01	Patricia S. Hodson	PI/PD	PTHE	Federal & State Boards of Physical Therapy	\$4,600		G	N	Survey and Scope of Practice In US Military Hospitals and Impact on Public Protection
<b><u>School of Nursing</u></b>									
2004-0116 04	Maura S. McAuliffe	PI/PD	ADULT	Health Resources and Services Administration-U.S. Dept. of Health & Human Servic	\$20,418		G	R	Nurse Anesthetist Traineeship Program
2007-0301 01	Linda Mayne	PI/PD	COMNUR	National League for Nursing	\$6,300		G	N	Creating and Measuring Social Presence in Online Graduate Nursing Courses
<b>Research &amp; Graduate Studies</b>									
<b><u>Institute for Coastal &amp; Marine Resources</u></b>									
2007-0077 02	David C. Griffith	PI/PD	ICMR ANTH	U.N.C.-Sea Grant Program	\$137,990		C	R	Sea Grant Extension Program

ID No.	Investigator(s)	Role	Dept	Sponsor	Amount	Cat/ Awd Prop		Title
						NT	Type	
<u>Office the Vice-Chancellor/Research &amp; Graduate Studies</u>								
2006-0244 02	Ernest G. Marshburn	PI/PD	RGS	National Science Foundation	\$799,404	G	SN	"TechMath"; Real-World Math, Technology, and Business Connections
	Rose Sinicrope	CPI	MSE					
	Ronald V. Preston	CPI	MSE					
	Beth S. Eckstein	CPI	BUSN					

**Total Number of Awards**

**46**

**Total Amount Awarded**

**\$7,433,749**

NT=Non-traditional Award

NGA= No Grants Adm.