

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 January 2007. Below is a summary table of submissions and awards to date.

Including Non-Traditionals	Jan. 06	Jan. 07	July 05 Jan. 06	July 06 Jan. 07
	No. of Proposals Submitted	51	83	282
Amount Requested	\$12,014,472	\$29,261,447	\$130,812,224	\$119,164,173
No. of Proposals Funded	25	26	199	209
Amount Awarded	\$1,375,179	\$2,428,776	\$19,707,092	\$23,528,910

SUMMARY OF PROPOSALS SUBMITTED

2/13/2007

1/1/07 to 1/31/07

ID No.	Investigator(s)	Role	Dept	Sponsor	Amount	Cat	Awd Type	Prop Type	Title
Academic Affairs									
<u>College of Education</u>									
2007-0220 01	Ann B. Bullock	PI/PD	TEACHED	U.N.C.-General Administration (Office of the President)	\$114,000		G	N	Transition to Teaching (NC TEACH II)
2007-0223 01	Sandra H. Warren	PI/PD	CI	U.S. Department of Education	\$500,000			N	ECU Special Ecuation Training Improvement Grant
<u>College of Fine Arts & Communications</u>									
2007-0178 01	Edward Jacobs	PI/PD	INSTR	Alice M. Ditson Fund	\$2,000			N	2007 New Music @ ECU Festival
2007-0186 01	Edward Jacobs	PI/PD	INSTR	Southern Arts Federation	\$1,000			N	2007 New Music @ ECU Festival - Martha Horst
2007-0187 01	Edward Jacobs	PI/PD	INSTR	Southern Arts Federation	\$1,000			N	2007 New Music @ ECU Festival - Lembit Beecher
<u>College of Health & Human Performance</u>									
2007-0183 01	Thomas D. Raedeke Matthew T Mahar	PI/PD CPI	EXSS EXSS	National Institutes of Health (NIH)	\$1,750,000			N	Mentors for Exercise and Nutrition Treatment for Overweight Reduction
2007-0184 01	Matthew T Mahar	PI/PD	EXSS	Pitt County Schools	\$7,750		G	N	Faculty Wellness Program for Pitt County Community Schools
2007-0184 02	Matthew T Mahar	PI/PD	EXSS	Pitt County Schools	\$5,750		G	R	Faculty Wellness Program for Pitt County Community Schools
2007-0184 03	Matthew T Mahar	PI/PD	EXSS	Pitt County Schools	\$875		G	R	Faculty Wellness Program for Pitt County Community Schools

ID No.	Investigator(s)	Role	Dept	Sponsor	Amount	Awd Prop		Title
						Cat	Type	
2007-0193 01	Matthew T Mahar	PI/PD	EXSS	American Alliance for Health, Physical Education, Recreation and Dance	\$14,990		N	Validation of FITNESSGRAM® Aerobic Fitness and Body Composition Components
2007-0195 01	Stefanie Smith Matthew T Mahar	PI/PD CPI	EXSS EXSS	American Alliance for Health, Physical Education, Recreation and Dance	\$2,998		N	Effect of Sampling Interval on Objectively-measured Physical Activity in Pre-school
2007-0225 01	Max Zarate	PI/PD	H&HP	Greenville Utilities Commission	\$6,000	C	N	GUC-Drinking Water Treatment Plant (Nitrogen)
2007-0226 01	Max Zarate	CPI	H&HP	Greenville Utilities Commission	\$6,000	C	N	GUC-Wastewater Treatment Plant (Phosphorous)
2007-0227 01	Janet Funderburk	PI/PD	RLS	American Therapeutic Recreation Foundation	\$1,080		N	Aquatic Interventions and Quality of Life: Improvements
<u>College of Human Ecology</u>								
2007-0180 01	Glenn Stone	PI/PD	SOCW	U.N.C.-Chapel Hill	\$608,471		N	NC Child Welfare Education Collaborative
<u>College of Technology & Computer Science</u>								
2007-0181 01	Paul Kauffman	PI/PD	INDT-D	N.C. State University	\$46,415		N	Study of Factors and Issues Contributing to Error in Preconstruction Cost Estimates
2007-0210 01	Tijjani Mohammed	PI/PD	INDT-D	National Science Foundation	\$249,444		N	Assessment of Small Business Information Assurance Readiness
2007-0211 01	Gene Dixon William Howard	PI/PD CPI	ENGINEER ENGINEER	N.C. State University	\$39,995		N	Study of Factors and Issues Contributing to Cost Estimate Error in Project Construction Phase

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2007-0218 01	Mohammad H.N. Tabrizi Mary A. Farwell Christopher Carolan John Conoley	PI/PD CPI CPI CPI	CSC BIOL MATH BIOL	National Science Foundation	\$488,434		N	Teaching Online Courses in a Virtual Reality Classroom Environment
2007-0219 01	Hussein Abaza	PI/PD	CONSTM	Obeid and Sons	\$18,101	G	N	New Approach to Integrating Central HVAC into a Walk-In Cooler System
2007-0238 01	Gerald Micklow Tarek Abdel-Salam Liberio J. Bartolotti John Garner	PI/PD CPI CPI CPI	ENGINEER ENGINEER CHEM ENGINEER	National Science Foundation	\$1,223,172		N	Acquisition of Required Instrumentation for the Development of a Biofuels Testing and Full Engines Development and Testing Facility
<u>Thomas Harriot College of Arts and Sciences</u>								
2007-0185 01	David R. Chalcraft	PI/PD	BIOL	National Science Foundation	\$761,929		N	The Effects of Biodiversity on Pond Communities: Incorporating Natural Patterns of Diversity Loss
2007-0196 01	David Mallinson Stephen J. Culver	PI/PD CPI	GEOL GEOL	U.S. Department of Energy	\$329,567		N	Assessing long-term barrier island ecosystem response to climate and sea-level change
2007-0198 01	Tuan Tran	PI/PD	PSYC	University of Wisconsin at Madison	\$127,190		N	Maternal / Fetal Iron Status and Fetal Alcohol Syndrome
2007-0200 01	David Mallinson	PI/PD	GEOL	National Science Foundation	\$153,245		N	Collaborative Research: Defining the Chronostratigraphy and Sea-Level Significance
2007-0201 01	Yong-qing Li	PI/PD	PHYS	National Science Foundation	\$620,783		N	Study of the Mechanism of germination of Bacillus spores via analysis of Ca ²⁺ +DPA release from single spores using laser tweezers Raman spectroscopy
2007-0202 01	Susan McRae	PI/PD	BIOL	National Science Foundation	\$156,245		N	Broadening Participation in Conservation Genetics of the red wolf: Research, Education, and Outreach
2007-0203 01	Timothy Romack Dutta Subodh	PI/PD CPI	CHEM CHEM	National Science Foundation	\$274,582		N	RUI: ESI-ToF MS and GPC-MALS Characterization of Fluorocarbon-Based Polymeric

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2007-0204 01	Scott Curtis	PI/PD	GEOG	National Science Foundation	\$112,132		N		Collab. Research & RU: Physical Mechanisms Behind the Caribbean Mid-Summer Drought
2007-0205 01	Andrew L. Sargent	PI/PD	CHEM	University of Texas at Dallas	\$121,102		N		Wurster's Crowns: Fundamental Studies on Phenylenediamine-Based Macrocyclic Receptors
2007-0206 01	Robert C. Morrison Libero J. Bartolotti	PI/PD CPI	CHEM CHEM	National Science Foundation	\$274,689		N		RU: Chemical Applications of Ensemble Density Matrix Functional Theory
2007-0207 01	Yong Zhu	PI/PD	BIOL	National Science Foundation	\$367,215		N		Molecular Mechanisms of Prolactin Actions in Zebrafish Embryogenesis
2007-0208 01	Jamie L. Kruse Thomas W. Crawford Kenneth R. Wilson Craig Landry Rick Ericson Okmyung Bin	PI/PD CPI CPI CPI CPI CPI	HAZRESC GEOG SOCI SRL ECON ECON ECON	National Science Foundation	\$680,142		N		Going Coastal: An Integrated Study of Decision Making Under Environmental Risk
2007-0209 01	Alexandros Georgakilas	PI/PD	BIOL	National Science Foundation	\$283,393		N		Repair of Clustered DNA Damage in Human Cells
2007-0215 01	Megan Perry	PI/PD	ANTH	Joukowsky Family Foundation	\$10,000		N		Wadi Ramm Cemetery Project
2007-0216 01	Megan Perry	PI/PD	ANTH	National Science Foundation	\$244,837		N		Bioarchaeology of Petra's No. Ridge
2007-0217 01	D. Reide Corbett	PI/PD	GEOL	SUNY - Binghamton	\$125,432		N		Do Intertidal Marshes Act as Discrete Sources of Carbon and Organic Pollutants Along the Hudson River?
2007-0222 01	Robert R. Christian John McCord	PI/PD CPI	BIOL ICMR	U.N.C.-Sea Grant Program	\$4,408		N		Workshop to Establish Sustained Water Level Measurements within Albermarle-Pamlico Sound

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							Type	Type	
2007-0224 01	Jinling Huang	PI/PD	BIOL	National Science Foundation	\$844,267		N		Ancient Gene Transfer in the Evolution of Plants
2007-0236 01	Rickey Hicks	PI/PD	CHEM	Walter Reed Army Institute of Research	\$1,642,337		N		Antimicrobial Drug Development
2007-0237 01	Yong Zhu	PI/PD	BIOL	National Institutes of Health (NIH)	\$488,313		N		Prolactin Functions and Mechanisms of Actions in Embryonic Development
2007-0240 01	Kwang Hun Lim	PI/PD	CHEM	National Science Foundation	\$251,235		N		Structural Studies of Monomeric Unfolded States and Fibril Forms of a Model Protein
2007-0241 01	Scott Curtis	PI/PD	GEOG	National Aeronautics and Space Administration	\$23,864		N		Mesoscale Convective Systems in the Coastal Environment of the Maritime Continent
2007-0242 01	Yumin Li Joseph M. Chalovich	PI/PD CPI	CHEM BIOCHEM	National Institutes of Health (NIH)	\$1,165,335		N		A Computational and Experimental Approach to Understanding Cardiac Disease and Treatment
2007-0243 01	Lisa M. Clough	PI/PD	BIOL	Nome Eskimo Community	\$83,674		N		Water Quality and Zooplankton Availability of Salmon Lake and Imuruk Basin: Important Sockeye Salmon Habitats on the Seward Peninsula

Health Sciences

Brody School of Medicine

1997-0446 18	Edward R. Newton	PI/PD	OB/GYN	N.C. Department of Health and Human Services	\$312,510		R		High Maternity Clinic
1997-0457 20	James Cummings	PI/PD	PEDS	N.C. Department of Health and Human Services	\$84,946		C	R	Neonatal Outreach Education Program
2005-0250 02	Elaine Cabinum-Foeller	PI/PD	PEDS	Governor's Crime Commission	\$292,500		R		Care NC (Child Abuse Reduction in Eastern NC)

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2006-0195 02	Kelly Lancaster	PI/PD	STUAFFA	Health Resources and Services Administration-U.S. Dept. of Health & Human Servic	\$168,000		G R	Scholarship for Diasadvantaged Students
2006-0208 02	Tatyana T. Ivanova-Nikolova	PI/PD	PHAR	American Heart Association	\$132,000		N	Functional Role of a Novel GIRK Channel in Atrial Myocytes
2007-0177 01	Fred Bertrand	PI/PD	MCBI	ImClone Systems, Inc.	\$40,000		N	Endogenous HoxA9 Regulation of IGF-14 in Acute Leukemi
2007-0179 01	David N. Collier Linda Kean Kathryn M. Kolasa Rick Watson Christy Isler Yancey Crawford Laura Privideria	PI/PD CPI CPI CPI CPI CPI CPI	PEDS COMMUN FAM/MED FAM/MED OB/GYN PEDS COMMUN	Allen Foundation, Inc.	\$161,789		N	Media Influences on Early Feeding Practices & Developmen of Overweight in Infants
2007-0182 01	Suzanne Lazorick Lauren Whetstone	PI/PD CPI	PEDS FAM/MED	U.N.C.-Chapel Hill	\$180,219		N	Novel Clinical and Translational Methodologies, Pediatric Obesity
2007-0191 01	Valerie Gilchrist	PI/PD	FAM/MED	U.N.C.-Chapel Hill	\$1,246,905		N	Clinical and Community Research Network
2007-0197 01	Janet Moye	PI/PD	ADM/MED	ECU Medical Foundation	\$4,000		G N	Glucose Monitoring Supplies for Financially Needy Patients
2007-0199 01	Elaine Cabinum-Foeller	PI/PD	PEDS	U.N.C.-Chapel Hill	\$5,200		G N	Tedi Bear CAC UNC-CH Regional Training
2007-0212 01	Mark D. Mannie	PI/PD	MCBI	National Multiple Sclerosis Societ	\$622,852		N	Antigen-specific Inhibition of EAE

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2007-0213 01	Debra Tristram	PI/PD	PEDS	Duke University	\$228,183		N	HIV Pediatric Services
2007-0214 01	Christopher J. Wingard	PI/PD	PHYSIOL	National Institutes of Health (NIH)	\$982,222		N	Cardio-vascular Impact of Inhaled Multi-wall Carbon Nanotubes
2007-0221 01	Christopher J. Wingard	PI/PD	PHYSIOL	American Heart Association	\$70,000		N	Cardio and Vascular Effects of Scutellarin
2007-0228 01	Mary J Barchman Kathy Preville Robert Martensen Janice E. Daugherty	PI/PD CPI CPI CPI	MED PEDS PEDS MED/HUM FAM/MED	Medical College of Wisconsin	\$41,000		N	Development of a Curriculum in Palliative Care Medicine for Clinical Medical Students
2007-0229 01	Roberta M. Johnke Nick Bakken	PI/PD CPI	RADONC RADONC	American Society for Lasers in Medicine and Surgery	\$5,000		N	Characterizing Vascular Response to Laser Mediated Photodynamic Therapy
2007-0230 01	Stephen C. Engelke	PI/PD	PEDS	Children's Miracle Network	\$2,000		N	Dinamapp Automated Blood Pressure Monitor for High Risk Neonatal Followup Clinic
2007-0231 01	David N. Collier	PI/PD	PEDS	Pitt Memorial Hospital Foundation, Inc.	\$4,000		N	4th Annual Pediatric Healthy Weight Summit: Cognitive and Behavioral Tools
2007-0232 01	David A. Taylor Kenneth M. Soderstrom	PI/PD CPI	PHAR PHAR	National Institutes of Health (NIH)	\$1,144,634		N	Cellular Mechanisms of Neuroplasticity in Drug Tolerance
2007-0233 01	Everett C. Pesci	PI/PD	MCBI	National Institutes of Health (NIH)	\$1,603,126		N	Studies on the Pseudomonas aeruginosa cell-to-cell signal PQS
2007-0234 01	Joseph G. Cory	PI/PD	BIOCHEM	National Institutes of Health (NIH)	\$1,446,469		N	Factors Influencing Chemotherapy Directed at Ribonucleotide Reductase

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2007-0245 01	Mark D. Mannie	PI/PD	MCBI	N.C. Biotechnology Center	\$82,566		N	A Novel Class of Immunostimulatory Adjuvants for Vaccination
2007-0246 01	Shaw M. Akula	PI/PD	MCBI	N.C. Biotechnology Center	\$75,000		N	Deciphering the Role of Raf Associated Signaling in KSHV Infection and Pathogenesis
2007-0253 01	Yan-Hua Chen	PI/PD	ANAT	N.C. Biotechnology Center	\$75,000		N	Renal Tubular Dysfunction in Claudin-7 Null Mice
2007-0255 01	Jitka Virag Jian M Ding Robert M. Lust	PI/PD CPI CPI	PHYSIOL PHYSIOL PHYSIOL	National Institutes of Health (NIH)	\$1,554,556		N	Circadian Genes and Cardiac Injury
2007-0256 01	Edson R. Rocha	PI/PD	MCBI	National Institutes of Health (NIH)	\$1,710,000		N	Bacteroides Iron/Heme Metabolism in Intestinal Pathophysiology
2007-0257 01	Ruth A. Schwalbe	PI/PD	BIOCHEM	National Institutes of Health (NIH)	\$991,759		N	Interaction of SAP with Oligo/Polysialylated N-glycans of Neuronal K ⁺ Channels
2007-9112 01	Cynthia Christiano	PI/PD	MED	Johnson and Johnson Pharmaceutical Research & Development	\$148,460		C N	EPO-AKD-3001
<u>Leo Jenkins Cancer Center</u>								
2004-0106 03	Walter Quan	PI/PD	LJCC	Eastern Cooperative Oncology Group	\$7,500		C R	ECOG E1697
2007-9117 01	Paul Walker	PI/PD	LJCC	Eli Lilly and Company	\$40,000		C N	Protocol H3E-US-S082
<u>School of Allied Health Sciences</u>								
2007-0192 01	Patricia S. Hodson	PI/PD	PTHE	Federal & State Boards of Physical Therapy	\$4,615		N	Survey and Scope of Practice In US Military Hospitals and Impact on Public Protection

ID No.	Investigator(s)	Role	Dept	Sponsor	Amount	Awd Prop		Title
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School of Nursing								
2007-0194 01	Linda Steele	PI/PD	DO/NURS	Health Resources and Services Administration-U.S. Dept. of Health & Human Servic	\$717,399		N	Increasing the Number and Diversity of NPs in Rural NC
Office of the Chancellor								
Regional Development Services								
2007-0188 01	Samantha Foushee	PI/PD	RDS1	Pitt Community College	\$15,500		N	Eastern NC Small Bio-Business Network Survey
2007-0189 01	Samantha Foushee	PI/PD	RDS1	Triangle J Council of Governments	\$13,982	G	N	Triangle J COG Stormwater Behavior Survey
Research & Graduate Studies								
Institute for Coastal & Marine Resources								
2006-0223 02	David C. Griffith	PI/PD	ICMR ANTH	National Science Foundation	\$362,824		R	Migration and Knowledge
2007-0239 01	Joseph J. Luczkovich Mark W. Sprague	PI/PD CPI	BIOL PHYS	National Science Foundation	\$451,339		N	MRI: Development of Passive Acoustic Recording and Telemetry System (PARTS)
Office the Vice-Chancellor/Research & Graduate Studies								
2007-0190 01	Ernest G. Marshburn	PI/PD	RGS	N.C. Department of Transportation	\$1	G	N	Mid-Currituck Sound Bridge Studies
Total Number of Submissions			83					
Total Amount Submitted			\$29,261,447					

SUMMARY OF PROPOSALS AWARDED

2/13/2007

1/1/07 to 1/31/07

ID No.	Investigator(s)	Role	Dept	Sponsor	Amount	Cat/ NT	Awd Type	Prop Type	Title
Academic Affairs									
<u>College of Education</u>									
2007-0161 01	John Carter Christine Shea	PI/PD CPI	CI CI	U.N.C.-Chapel Hill	\$20,000	G	N		Learning to Teach, Learning to Serve
2007-0220 01	Ann B. Bullock	PI/PD	TEACHED	U.N.C.-General Administration (Office of the President)	\$114,000	G	N		Transition to Teaching (NC TEACH II)
<u>College of Health & Human Performance</u>									
2007-0184 01	Matthew T Mahar	PI/PD	EXSS	Pitt County Schools	\$7,750	G	N		Faculty Wellness Program for Pitt County Community Schools
2007-0184 02	Matthew T Mahar	PI/PD	EXSS	Pitt County Schools	\$5,750	G	R		Faculty Wellness Program for Pitt County Community Schools
2007-0225 01	Max Zarate	PI/PD	H&HP	Greenville Utilities Commission	\$6,000	C	N		GUC-Drinking Water Treatment Plant (Nitrogen)
2007-0226 01	Max Zarate	CPI	H&HP	Greenville Utilities Commission	\$6,000	C	N		GUC-Wastewater Treatment Plant (Phosphorous)
<u>College of Human Ecology</u>									
2006-0413 01	Linda C. Robinson Elizabeth Carroll	PI/PD CPI	CDFR CDFR	DHHS/Program Support Center	\$514,308	G	N		Life Skills for Health Marriage: A Family Readiness Program
<u>Thomas Harriot College of Arts and Sciences</u>									
2001-0074 06	Anthony A. Capehart	PI/PD	BIOL	National Institutes of Health (NIH)	\$3,290	G	R		Effect of Versican Mutation on Limb Development In Vitro

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						NT	Type	Type	
2005-0229 02	Jason Bond Paul Marek	PI/PD CPI	BIOL BIOL	The Field Museum of Natural History	\$47,523	G	SN		Diplopoda: Systematic Research, Tools, and Training
2007-0142 01	Xin-Hua Hu	PI/PD	PHYS	Medtronics, Inc.	\$2,778	C	N		Determination of Optical Parameters of Turbid Samples
2007-0154 01	Scott Wade	PI/PD	GEOG	Town of Nashville, NC	\$3,984	G	N		Development of a Digital Geographic Water and Sewer Database for Nashville, NC
2007-0158 01	Nobuyoshi Asaoka	PI/PD	FORL	Japan Foundation	\$1,480	G	N		Introductory Japanese Calligraphy Workshop

Health Sciences

Brody School of Medicine

2004-0344 03	Abdel A. Abdel-Rahman	PI/PD	PHAR	National Institutes of Health (NIH)	\$27,688	G	SN		Mechanism of Ethanol-Clonidine Synergistic Sedation
2005-0211 02	Qun Lu	PI/PD	ANAT	National Institutes of Health (NIH)	\$151,620	G	SN		Delta-Catein and Cell-Cell Adhesion in Prostate Cancer
2005-0371 02	Edson R. Rocha	PI/PD	MCBI	National Institutes of Health (NIH)	\$171,000	G	SN		Role of Bacteroides Fragilis New Hemolysis in Experimental Infection
2006-9069 02	Howard Homesley	PI/PD	OB/GYN	Precision Therapeutics	\$24,306	C	SN		ChemoFx® Registry: An Observational, Longitudinal, Multi-Center Study Examining
2007-0197 01	Janet Moye	PI/PD	ADM/MED	ECU Medical Foundation	\$4,000	G	N		Glucose Monitoring Supplies for Financially Needy Patients
2007-0199 01	Elaine Cabinum-Foeller	PI/PD	PEDS	U.N.C.-Chapel Hill	\$5,200	G	N		Tedi Bear CAC UNC-CH Regional Training

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2007-9112 01	Cynthia Christiano	PI/PD	MED	Johnson and Johnson Pharmaceutical Research & Development	\$133,149	C	N	EPO-AKD-3001	
<u>Leo Jenkins Cancer Center</u>									
2004-0106 03	Walter Quan	PI/PD	LJCC	Eastern Cooperative Oncology Group	\$7,500	C	R	ECOG E1697	
2007-9117 01	Paul Walker	PI/PD	LJCC	Eli Lilly and Company	\$22,745	C	N	Protocol H3E-US-S082	
<u>School of Allied Health Sciences</u>									
2005-0264 02	Sherri M. Jones	PI/PD	CSDI	National Institutes of Health (NIH)	\$230,478	G	SN	Genetic Basis for Gravity Receptor Dysfunction in Mice (II)	
<u>Office of the Chancellor</u>									
<u>Economic & Community Engagement</u>									
2007-0024 01	Ruth Kempf	PI/PD	CSR	Department of Defense	\$888,000	G	N	Superstructural Particle Evaluation and Characterization with Targeted Reaction Analysis (SPECTRA)	
<u>Regional Development Services</u>									
2006-0328 02	Mulatu Wubneh	PI/PD	RDS1	N.C. Rural Economic Development Center	\$16,244	G	SN	Rural Entrepreneurship Development System for North Carolina	
2007-0189 01	Samantha Foushee	PI/PD	RDS1	Triangle J Council of Governments	\$13,982	G	N	Triangle J COG Stormwater Behavior Survey	
<u>Research & Graduate Studies</u>									
<u>Office the Vice-Chancellor/Research & Graduate Studies</u>									
2007-0190 01	Ernest G. Marshburn	PI/PD	RGS	N.C. Department of Transportation	\$1	G	N	Mid-Currituck Sound Bridge Studies	

