

The University Of North Carolina

Fiscal Year 2011 Federal Appropriations Guide



The following agencies, accounts, and programs are federal funding priorities of The University of North Carolina for Fiscal Year 2011. The Guide provides a summary of priority agencies and accounts within each federal spending bill, examples of existing research and activities at University of North Carolina campuses and affiliate organizations funded by the federal source and a comprehensive list of Congressionally-directed projects and special requests for Fiscal Year 2011.

Fiscal Year 2011 Budget Resolution

In recognition of the intrinsic relationship between the congressional budget process and the congressional appropriations process, The University of North Carolina requests Congress to consider each of the following agencies and programs as high priorities during consideration and approval of the Fiscal Year 2011 Budget Resolution.

Agriculture, Rural Development, Food and Drug Administration, and Related Agencies Appropriations Act

Agency	Account	Sub-Account	Description	Examples of Existing Competitively-Awarded Research provided through account	FY2011 Congressionally-Directed Projects and Special Requests
Department of Agriculture (USDA)	Agricultural Research Service (ARS)	Not Applicable	ARS funds programs that conduct long-term, high-risk, basic and applied research on subjects of national and regional importance, including: research with soil, water, and air sciences; plant sciences; animal sciences; commodity conversion and delivery; human nutrition; integrations of agricultural systems; and agricultural information and library services.	<ul style="list-style-type: none"> • Food Science Research Unit at NC State University • Plant Science Research Unit at NC State University • NC A&T State University Swine Lagoon Treatment Research • Soybean and Nitrogen Fixation Research at NC State University • National Environmental Modeling and Analysis Center at UNC Asheville • Market Quality and Handling Research Unit at NC State University 	Please include funding to establish an ARS Human Nutrition Unit at the North Carolina Research Campus in Kannapolis, NC.

Agriculture, Rural Development, Food and Drug Administration, and Related Agencies Appropriations Act, continued

Department of Agriculture	Economic Research Service	Food Assistance and Nutrition Research Program (FANRP)	The Food Assistance and Nutrition Research Program (FANRP) at ERS addresses research issues associated with the Nation’s food assistance and nutrition programs, including the Supplemental Nutrition Assistance Program—SNAP (formerly the Food Stamp Program); the Special Supplemental Nutrition Program for Woman, Infants, and Children (WIC); and the Child Nutrition Programs.	<ul style="list-style-type: none"> • UNC Greensboro research on the Universal-Free and Eligibility-Based School Breakfast Programs in Guilford County, North Carolina 	
Department of Agriculture	National Institute of Food and Agriculture (NIFA)	Research and Education	<p>The Research and Education account funds partnerships in research and education between USDA, the land-grant university system, and other private sector research and educational institutions. Priority programs funded through the NIFA Research and Education account include:</p> <ul style="list-style-type: none"> • The Agriculture and Food Research Initiative (AFRI) • Hatch Act Provisions • McIntire-Stennis Cooperative Forestry 	<ul style="list-style-type: none"> • UNC Greensboro Collaborative Development of Global Fiber, Fabric, and Related Products • NC State University and NCA&T State University Center of Excellence in Sustainable Biobased Materials • NC A&T State University hydroponics research for the advancement of horticulture, soil science, and agriculture 	<ul style="list-style-type: none"> • NCA&T Multi-Disciplinary Approach to Food Safety and Agro-Security • NCSU Aquaculture • NCSU Crop Pathogens • NCSU Wood Utilization • NCSU Animal and Poultry Waste Center • NCSU Forest Biotechnology • NCSU Southeast Climate Consortium • UNCW Mariculture • FSU Small Farm Entrepreneurship Program

Agriculture, Rural Development, Food and Drug Administration, and Related Agencies Appropriations Act, continued

Department of Agriculture	National Institute of Food and Agriculture	Extension Activities	The Extension Activities account provides funding to the nation's land-grant colleges and universities to disseminate practical applications obtained from agricultural research innovation. Specifically, these funds are provided to land-grant colleges and universities to support faculty members who teach, conduct research and provide outreach and technical assistance to farmers. This funding also requires matching funds from the state. Priority programs funded through the NIFA Extension Activities account include: <ul style="list-style-type: none"> • Smith-Lever Act • 1890 Institutions (Extension) 	<ul style="list-style-type: none"> • Technical assistance provided from NC State University and NC A&T State University to NC farming interests in: <ul style="list-style-type: none"> -Animal Agriculture -Agriculture & Food: Commercial -Horticulture, Nursery, & Turf -Farm Health and Safety -Field Crops -Food Safety and Processing -Pest Control -Specialty Crops -Forestry and Environmental Outreach -Health and Nutrition 	
Department of Agriculture	Animal and Plant Inspection Service (APHIS)	Not Applicable	APHIS funds programs designed to protect animal and plant resources from diseases and pests through inspection programs, quarantine activities, management of outbreaks, and regulation of the human care and treatment of animals.	<ul style="list-style-type: none"> • UNC Charlotte research of the impacts and spread of Sudden Oak Death in the United States. • Food Animal Residue Avoidance Databank (FARAD) at NC State University <i>FARAD is a computer-based decision support system designed to provide livestock producers, Extension specialists, and veterinarians with practical information on how to avoid drug, pesticide and environmental contaminant residue problems.</i> 	
Department of Agriculture	Veterinary Medicine Loan Repayment Program	Not Applicable	This program provides loan reimbursement funding for rural veterinarians who work in underserved communities.	<ul style="list-style-type: none"> • Funding provided through this program will encourage more students to pursue a career in veterinary medicine (increasingly an area of need in North Carolina). 	Please support an appropriation of \$5 million for the Loan Repayment program.

Departments of Commerce and Justice, Science, and Related Agencies Appropriations Act

Agency	Account	Sub-Account	Description	Examples of Existing Competitively-Awarded Research provided through account	FY2011 Congressionally Directed Projects and Special Requests
National Science Foundation (NSF)	Research and Related Activities Account	Not Applicable	<p>The Research account addresses NSF's three strategic goals: (1) People - developing a diverse, internationally competitive and globally engaged workforce of scientists, engineers, and well-prepared citizens; (2) Ideas - enabling discovery across the frontiers of science and engineering, connected to learning, innovation, and service to society; and (3) Tools - providing broadly accessible, state-of-the-art science and engineering facilities and shared research and education tools.</p> <p>The Research and Related Activities Account funds research through the following directorates:</p> <ul style="list-style-type: none"> • Biological Sciences • Computer and Information Science and Engineering • Engineering • Geosciences • Mathematical and Physical Sciences • Social, Behavioral, and Economic Sciences 	<ul style="list-style-type: none"> • UNC Greensboro project on University Research Parks and the Innovative Performance of Park Firms • NC A&T State University Engineering Research Center for Revolutionizing Metallic Biomaterials • UNC Greensboro research on the ecological consequences of hybridization of asexual microbial symbionts • NC State University Engineering Research Center for Construction of Green Energy Grid • UNC Charlotte Cyber Defenders Program • NC State University Sustainability Energy and Engineering Program • UNC-Chapel Hill Science and Technology Center for Environmentally Responsible Solvents and Processes • UNC Greensboro Social Networks and Mitigation in Areas of Chronic Disasters • UNC Wilmington Chemical Ecology of Sponges on Coral Reefs • Winston-Salem State University retroviruses research program • UNC Asheville Advanced Technologies and Instrumentation • Appalachian State University Acquisition of Atomic Force Microscopes for Nanoscience Education • Western Carolina University Highlands Biological Station • UNC Charlotte Minority Women in Information Technology Program 	In support of NSF's policy of awarding funding on a completely competitive basis, The University of North Carolina does not request any earmarks through the agency.

Departments of Commerce and Justice, Science, and Related Agencies Appropriations Act, continued

National Science Foundation	Education and Human Resources Account	Not Applicable	The Education and Human Resources Account supports programs across all levels of education in Science, Technology, Engineering and Mathematics (STEM). Specifically, the account supports activities that unite school districts with institutions of higher learning to improve precollege education. Funding through this account supports activities pertaining to student instruction, curriculum development, laboratory training, and instructional improvement.	<ul style="list-style-type: none"> • UNC Greensboro Universal/BEATS: Universal BioMusic Education Achievement Tier in Science • UNC Greensboro A Study of Pedagogical Practices and the Development of Student’s Science Identities • Appalachian State University program for Attracting and Retaining Scholars in Computer and Mathematical Sciences • UNC Pembroke Robert Noyce Scholarship Program • Elizabeth City State University Diversity in Geosciences • Fayetteville State University Community Alliance for Mathematics and Computer Science 	In support of NSF's policy of awarding funding on a completely competitive basis, The University of North Carolina does not request any earmarks through the agency.
Department of Commerce (DOC)	National Oceanic and Atmospheric Administration (NOAA)	National Ocean Service (NOS)	NOS provides scientific, technical, and management expertise to promote safe navigation; assess the health of coastal and marine resources; respond to natural and human-induced threats; and preserve the coastal ocean and global environments.	<ul style="list-style-type: none"> • Integrated Ocean Observing System (IOOS) which funds: <ul style="list-style-type: none"> - Carolinas Coastal Ocean Observing and Prediction System (Caro-COOPS) at NC State University - Coastal Ocean Research and Monitoring Program (CORMP) at UNC Wilmington - Southeast U.S. Atlantic Coastal Ocean Observing System (SEACOOS) at UNC-Chapel Hill 	<ul style="list-style-type: none"> • ECU Coastal Hazards • UNCW Coastal Ocean Research and Monitoring Program • ECSU Sustaining Resources of the Albemarle Pamlico Sound • UNC-CH Lab for Environmental Metabolomic Imaging Research
Department of Commerce	National Oceanic and Atmospheric Administration	Office of Oceanic and Atmospheric Research (OAR)	OAR provides funding for environmental research and technology needed to improve NOAA weather, air quality warnings, forecasts, climate predictions, and marine services.	<ul style="list-style-type: none"> • National Underwater Research Program (NURP) which funds UNC Wilmington’s Aquarius Underwater Research Laboratory • Oceanic and Atmospheric Research Cooperative Institutes: <ul style="list-style-type: none"> - NC State University, UNC-Chapel Hill, and UNC Wilmington are currently pursuing a cooperative institute to address sea level rise, coastal development, storm events, fisheries, marine ecosystems, and the impacts of climate change • North Carolina Sea Grant 	<ul style="list-style-type: none"> • UNCW Aquarius Program • ASU Atmospheric Interdisciplinary Research Program • NCA&T Climate/Environmental Modeling Center
Department of Commerce	National Oceanic and Atmospheric Administration	National Marine Fisheries Service	The National Marine Fisheries Service provides for the management and conservation of the Nation’s living marine resources and their environment.	<ul style="list-style-type: none"> • UNC Wilmington Mariculture Program • NC State University Aquaculture Program 	<ul style="list-style-type: none"> • NCSU Blue Crab Disaster Assistance Program

Departments of Commerce and Justice, Science, and Related Agencies Appropriations Act, continued

Department of Commerce	National Institute of Science and Technology (NIST)	Industrial Technology Services (ITS)	The ITS Account supports the following two priority programs: <i>The Hollings Manufacturing Extension Program (MEP)</i> provides companies with services and access to public and private resources that enhance growth, improve productivity, and expand capacity. <i>Technology Innovation Program (TIP)</i> invests in the development of high-risk, transformative research targeted to address key societal challenges.	<ul style="list-style-type: none"> Hollings Manufacturing Extension Programs <ul style="list-style-type: none"> NC State University Manufacturing Extension Center 	
Department of Commerce	International Trade Administration (ITA)	Not Applicable	The ITA account supports programs that create economic opportunities for American workers and firms by promoting international trade, opening foreign markets, ensuring compliance with trade laws and agreements, and supporting U.S. commercial interests at home and abroad.	<ul style="list-style-type: none"> Western Carolina University Regionalism and Clusters for Local Development Program 	<ul style="list-style-type: none"> National Textile Center (NCSU is a partner institution)
National Telecommunications and Information Administration (NTIA)	Public Telecommunications Facilities, Planning and Construction (PTFP)	Not Applicable	PTFP awards competitive grants that help public broadcasting stations, State and local governments, Indian tribes, and nonprofit organizations construct facilities to bring educational and cultural programming to the American public using broadcasting and non-broadcasting telecommunications technologies.	<ul style="list-style-type: none"> NC Central University to activate and program supplemental audio channels for WNCU-FM UNC-TV for the acquisition of an HD video server and a near-line storage system UNC-TV for the purchase and installation of equipment to activate WUNW-DT in Haywood County to bring the first public television service to 42,111 people UNC-TV to construct 19 digital TV translators with microwave interconnection in mountain communities of western North Carolina UNC-Chapel Hill to replace analog production equipment at WUNC-FM with digital: audio production boards and equipment racks 	
National Aeronautics and Space Administration (NASA)	Science Mission Directorate	Not Applicable	The Science Directorate conducts research in four main areas: Earth Science, Planetary Science, Heliophysics, and Astrophysics. This funding seeks to answer fundamental questions concerning the ways in which Earth's climate is changing.	<ul style="list-style-type: none"> Appalachian State University Lunar Soil and Dust Mitigation Technology Development Program Elizabeth City State University Research in Annual Antarctic Ice Sheet Discharge UNC-Chapel Hill Impacts of Land-Cover/Land-Use Change on Terrestrial Ecosystem Carbon Budget 	<ul style="list-style-type: none"> FSU Science Education at the Planetarium

Departments of Commerce and Justice, Science, and Related Agencies Appropriations Act, continued

National Aeronautics and Space Administration	Aeronautics Mission Directorate	Not Applicable	The Aeronautics Directorate works to enhance the state of aeronautics for our nation. Funding is provided for cutting-edge, fundamental research in traditional aeronautical disciplines and emerging fields to help transform our nation's air transportation system, and to support future air and space vehicles.	<ul style="list-style-type: none"> • NC A&T State University Turbine Blade Research Program • NC State University Decentralized Autonomous Flight Control Systems for Multi-Vehicle Formations 	<ul style="list-style-type: none"> • NCA&T Microelectronics for Harsh Environments
National Aeronautics and Space Administration	Exploration Mission Directorate	Not Applicable	The Exploration Directorate develops capabilities and supporting research and technology that will make human and robotic exploration possible. It also makes sure that our astronaut explorers are safe, healthy, and can perform their work during long-duration space exploration.	<ul style="list-style-type: none"> • UNC-Chapel Hill Application of Proteomics to Study Skeletal Muscle Atrophy Resulting From Exposure to Microgravity • UNC Charlotte Investigation of evolvable, silicon-on-insulator, analog CMOS circuits for the wide temperature environment of lunar exploration 	<ul style="list-style-type: none"> • NCSU Center for Sustainable Life Support for Human Space Exploration
National Aeronautics and Space Administration	Education Programs	Not Applicable	The NASA Education account funds science, technology, engineering, and mathematics education activities to educate and inspire our next generation of explorers and innovators.	<ul style="list-style-type: none"> • UNC Pembroke Space Sciences Education Awareness Program for North Carolina's Native American Youth • North Carolina Space Grant -based at NC State University (collaboration with 10 UNC campuses) • Elizabeth City State University Inspiring the Next Generation of Earth Explorers through Remote Sensing Studies: Remote Sensing Explorers 	

Department of Defense Appropriations Act

Agency	Account	Sub-Account	Description	Examples of Existing Competitively-Awarded Research provided through account	FY2011 Congressionally-Directed Projects and Special Requests
Department of Defense (DOD)	Research, Development, Test and Evaluation (RDT&E) (Army, Navy, Air Force and Defense Wide)	<ul style="list-style-type: none"> • 6.1 Basic Research • 6.2 Applied Research • 6.3 Advanced Technology Development 	<p>The RDT&E account funds research and activities pertaining to the development and testing of equipment, development of prototypes, fabrication of technology-demonstration devices, and support of basic research and exploratory development of technologies with potential military applications.</p> <p>RDT&E funding is typically funded through one of the following offices:</p> <ul style="list-style-type: none"> • Army Research Laboratory • Office of Naval Research • Air Force Research Laboratory • Defense Advanced Research projects Agency (DARPA) 	<ul style="list-style-type: none"> • NC A&T State University Speech Intelligibility Research for the Development of Military Radio Communication Devices • NC State University Sharp Interface Methods for Moving Interface/Free Boundary Problems and Applications • UNC-Chapel Hill Prostate Cancer Screening Program • UNC Charlotte Semiconductor Materials Development Program • Elizabeth City State University Energy Transfer Processes Program • Fayetteville State University Nanolayers and Nanoparticles of Solid Solutions Research • NC State University Dilute Magnetic Semiconductor Devices Based on Fermi Level Engineering • NC Central University Embracing Diversity in Global War on Terrorism • Appalachian State University Quercetin Research - Effects on Stress and Immune Functioning • NC State University Multi-functional Extreme Environment Surfaces: Nanotribology for Air and Space • Department of Defense Carolinas Cyber-Defender Scholarship Program at UNC Charlotte • UNC Wilmington Nitrogen gas dynamics in adipose tissues of diving mammals 	<ul style="list-style-type: none"> • UNC Partnership for National Security • WCU Selective Laser Melting System • UNC-CH Urban Warfare • UNC-CH PATRC • UNC-CH Biomedical Microtechnologies for Combatant Security • UNCC Self-Aware Manufacturing Technology • UNCC Advanced Detection of Hazardous Material • ECU Operation Re-Entry NC • NCA&T Integrated Sensing Systems • NCSU Carbon Nanotechnology Energy Conversion • NCSU Bone-Integrated Prosthetics Research • NCSU Integrated Electronic Product Design • NCSU Additive Manufacturing • FSU Center for Military Families

Energy and Water Development and Related Agencies Appropriations Act

Agency	Account	Sub-Account	Description	Examples of Existing Competitively-Awarded Research provided through account	FY2011 Congressionally-Directed Projects and Special Requests
Department of Energy (DOE)	Office of Science	Not Applicable	The Office of Science funds DOE's work on high energy physics, nuclear physics, biological and environmental sciences, basic energy sciences, advanced scientific computing, maintenance of the laboratories physical infrastructure, fusion energy sciences, safeguards and security, workforce development for teachers and scientists, safeguards and security at Office of Science facilities, and science program direction.	<ul style="list-style-type: none"> • Elizabeth City State University Innovative Computational Science-Scientific Visualization Project • NC State University Optimizing Resource Utilization for High Throughput Data-Intensive Computing Program • UNC-Chapel Hill Nuclear Theory with Applications to Astrophysics and Particle Physics • NC State University Integrated Multi-scale Modeling of Molecular Computing Devices 	
Department of Energy	Office of Energy Efficiency and Renewable Energy	Not Applicable	The Office of Energy Efficiency and Renewable Energy supports DOE's renewable energy and energy conservation research, development, demonstration and deployment activities and federal energy assistance programs.	<ul style="list-style-type: none"> • NC A&T State University Careers in Solar Energy Technology Preparation Program • NC Central University Research in Photovoltaic and Thermophotovoltaic Semiconductors Program • NC State University Database of State Incentives for Renewable Energy • Appalachian State University Biofuels and Biomass Research Initiative 	<ul style="list-style-type: none"> • UNCA Climate Change Adaptation • ASU Biofuels Research • NCA&T Hybrid Composite Material Systems • NCSU Integrated Biomass Refining Initiative • NCSU Nano-structured Materials • UNCP Renewable Fuels Research • ECSU Center for Green Research • ECU Advanced Materials and Manufacturing for Wind Blades • UNC-CH HPC Infrastructure for Modeling Solar Energy Devices

Energy and Water Development and Related Agencies Appropriations Act, continued

Department of Energy	Office of Nuclear Energy	Not Applicable	The Office of Nuclear Energy leads DOE's investment in the development and exploration of advanced nuclear science and technology. Most importantly, it supports universities in the operation of research reactors and in the performance of other nuclear science related activities.	<ul style="list-style-type: none"> • NC State Nuclear Reactor Program – In 1953 NC State University initiated the first nuclear reactor dedicated to teaching and research. The program continues to operate and serve the public. 	
Department of Energy	Office of Fossil Energy Research and Development	Not Applicable	The Office of Fossil Energy Research and Development funds DOE's programs that are intended to make prudent investments in long-range research and development that help protect the environment through higher efficiency power generation, advanced technologies and improved compliance and stewardship operations.	<ul style="list-style-type: none"> • NC A&T State University Reduction of Nitrogen Oxides in Coal Combustion Research 	
Department of the Army	Army Corps of Engineers	General Investigations	The General Investigations account funds various investigations (such as navigation, flood damage prevention, and shoreline protection studies); comprehensive basin studies; as well as preconstruction engineering and design of water projects.	<ul style="list-style-type: none"> • UNC Coastal Studies Institute (collaboration between UNC-Chapel Hill, NC State University, East Carolina University, Elizabeth City State University, and UNC-Wilmington) 	<ul style="list-style-type: none"> • UNCW Carolina Test Bed Project – Environmental Modeling
Appalachian Regional Commission (ARC)	Appalachian Regional Commission	Not Applicable	The ARC's mission is to increase job opportunities and per capita income in Appalachia to reach parity with the nation, strengthen the capacity of the people of Appalachia to compete in the global economy, develop and improve Appalachia's infrastructure to make the Region economically competitive, and build the Appalachian Development Highway System.	<ul style="list-style-type: none"> • Appalachian State University Wind Energy Workshops • Appalachian State University Western North Carolina Network for Access and Success • Appalachian State University Teaching Project for Regional Improvement 	

Department of Homeland Security Appropriations Act

Agency	Account	Sub-Account	Description	Examples of Existing Competitively-Awarded Research provided through account	FY2011 Congressionally-Directed Projects and Special Requests
Department of Homeland Security (DHS)	Federal Emergency Management Agency (FEMA)	Pre-Disaster Mitigation (PDM)	The PDM program provides funds to states, territories, Indian tribal governments, communities, and universities for hazard mitigation planning and the implementation of mitigation projects prior to a disaster event. Funding these plans and projects reduces overall risks to the population and structures, while also reducing reliance on funding from actual disaster declarations. PDM grants are to be awarded on a competitive basis and without reference to state allocations, quotas, or other formula-based allocation of funds.	<ul style="list-style-type: none"> • UNC System Pre-Disaster Mitigation Planning Grant, funds used to develop for the development of Hazard Mitigation plans for the following campuses: <ul style="list-style-type: none"> -Appalachian State University -NC A&T State University -University of North Carolina School of the Arts -UNC Asheville -UNC Charlotte -UNC Greensboro -Western Carolina University -Winston-Salem State University 	
Department of Homeland Security	Office of Health Affairs	Not Applicable	While serving as the principal agent for all the Department's medical and health security matters, the Office of Health Affairs (OHA) also oversees the Department's biodefense activities; leads a coordinated national architecture for biological and chemical Weapons of Mass Destruction (WMD) planning and catastrophic incident management; and ensures that Department employees have an effective occupational health and safety program.	<ul style="list-style-type: none"> • North Carolina Collaboratory for Bio-Preparedness (NC B-Prepared) 	<ul style="list-style-type: none"> • UNC-CH NC B-Prepared
Department of Homeland Security	Science and Technology Research	Not Applicable	The mission of the S&T Directorate is to develop and deploy technologies and capabilities to secure our homeland. This Directorate conducts and enables research, development, testing, evaluation, and the timely transition of homeland security capabilities to Federal, State, and local operational end-users.	<ul style="list-style-type: none"> • The SouthEast Regional Visualization and Analytics Center at UNC Charlotte 	<ul style="list-style-type: none"> • NCCU Biometrics Center

Department of the Interior, Environment, and Related Agencies Appropriations Act

Agency	Account	Sub-Account	Description	Examples of Existing Competitively-Awarded Research provided through account	FY 2011 Congressionally-Directed Projects and Special Requests
National Endowment for the Humanities (NEH)	National Endowment for the Humanities	Not Applicable	<p>NEH is an independent federal agency dedicated to supporting research, education, preservation, and public programs in the humanities. NEH support helps universities to leverage private investment for humanities-related activities.</p> <p>Important NEH Programs include:</p> <ul style="list-style-type: none"> • Research Programs • Education Programs • Preservation and Access Programs • Public Programs • We the People • Digital Humanities Initiative 	<ul style="list-style-type: none"> • NC Central University Digital Records initiative to preserve rare African American literature • UNC Pembroke Archives and Records Management for records pertaining to the Lumbee Tribe • UNC-Chapel Hill Archival Research Fellowship Program • Western Carolina University Mountain Heritage Initiative • Appalachian State University History of the Blue Ridge Parkway Project 	Please support an appropriation of \$230 million in the Fiscal Year 2011 Interior Appropriations Bill.
National Endowment for the Arts (NEA)	National Endowment for the Arts	Not Applicable	<p>The NEA is an independent federal agency that offers support for projects exhibiting artistic excellence. NEA support helps universities to leverage private investment for activities that contribute to the arts.</p> <p>Important NEA Programs include:</p> <ul style="list-style-type: none"> • Access to Artistic Excellence • Challenge America: Reaching Every Community • Federal/State Partnerships • Learning in the Arts • Promotion of the Arts-Grants to Organizations and Individuals 	<ul style="list-style-type: none"> • UNC Greensboro Access to Artistic Excellence (supporting a production of: Martha Graham’s “Steps in the Street”) • UNC Greensboro Literature Fellowship for Creative Writing • UNC-Chapel Hill Southern Music Preservation Project • Fayetteville State University Access to Artistic Excellence (supporting a production of: The Marriage of Figaro) • North Carolina Arts Council (supports the arts at all UNC Campuses) 	Please support an appropriation of \$177 million in the Fiscal Year 2011 Interior Appropriations Bill.
Environmental Protection Agency (EPA)	Science and Technology	Not Applicable	The EPA Science and Technology account funds activities related to pollution control and the promotion of clean water.	<ul style="list-style-type: none"> • UNC-Chapel Hill Institute for Marine Sciences Rapid Bacterial Testing Program at Atlantic Beach, NC • UNC-Chapel Hill Environmental Finance Center 	

Departments of Labor, Health and Human Services, and Education, and Related Agencies Appropriations Act

Agency	Account	Sub-Account	Description	Examples of Existing Competitively-Awarded Research provided through account	FY2011 Congressionally-Directed Projects and Special Requests
Department of Health and Human Services (HHS)	National Institutes of Health (NIH)	Not Applicable	<p>The NIH is the primary agency of the United States government responsible for biomedical and health-related research. The University of North Carolina annually receives approximately \$350 million through the NIH. Funding is provided through the following NIH Institutes and Centers:</p> <ul style="list-style-type: none"> • National Cancer Institute • National Heart, Lung, and Blood Institute • National Human Genome Research Institute • National Institute on Aging • National Institute on Alcohol Abuse & Alcoholism • National Institute of Allergy and Infectious Disease • National Institute of Arthritis and Musculoskeletal and Skin Diseases • National Institute of Biomedical Imaging and Bioengineering • Eunice Kennedy Shriver National Institute of Child Health and Human Development • National Institute on Deafness and Other Communication Disorders • National Institute of Dental & Craniofacial Research • National Institute of Diabetes and Digestive and Kidney Diseases • National Institute on Drug Abuse • National Institute of Environmental Health • National Institute of General Medical Sciences • National Institute of Mental Health • National Institute of Neurological Disorders & Stroke • National Institute of Nursing Research • National Library of Medicine • Center for Information Technology • Center for Scientific Review • John E. Fogarty International Center for Advanced Study in the Health Sciences • National Center for Complementary and Alternative Medicine • Center on Minority Health and Health Disparities • National Center for Research Resources • NIH Clinical Center 	<ul style="list-style-type: none"> • UNC-Chapel Hill National Children’s Study • UNC Greensboro Social Support, Depression, and Oral Health in Later Life • UNC Greensboro Oral Health Disparities among Elders with and without Cognitive Impairment • Elizabeth City State University Minority Health Disparities International Training Research Program • UNC Wilmington Effects of Inhaled Florida Red Tide Brevetoxins • UNC Greensboro Relations Between Early Emotion and Cognitive Processes • NC Central University Center of Excellence in Minority Health Disparities • Winston-Salem State University Conformational Changes Due to Neurosteroids at GABA-A Receptors • UNC Greensboro Developmental Trajectories of Early Behavior Problems • UNC-Chapel Hill Interventions to Control Obesity in Colleges • UNC-Chapel Hill Treatment of Fungal Diseases • UNC Pembroke Research Initiative for Scientific Enhancement (RISE) Program • UNC-Chapel Hill Gene Therapy Center • Elizabeth City State University Mammography Disparities in Elderly African American Women • UNC-Chapel Hill North Carolina Translational and Clinical Sciences Institute • Appalachian State University Cardiac Enzyme Research – Potential Drug Development • UNC-Chapel Hill Center for Computer Integrated Systems for Microscopy and Manipulation (CISMM) • Winston-Salem State University Center to Improve Minority Health and Eliminate Health Disparities • UNC Charlotte Liver Disease and Cancer Research 	<p>In support of NIH’s policy of awarding funding on a completely competitive basis, The University of North Carolina does not request any earmarks through the agency.</p>

Departments of Labor, Health and Human Services, and Education, and Related Agencies Appropriations Act, continued

<p>Department of Health and Human Services</p>	<p>Centers for Disease Control (CDC)</p>	<p>Not Applicable</p>	<p>The CDC focuses on several major priorities: providing core public health functions; responding to urgent health threats; monitoring the Nation’s health using sound scientific methods; building the Nation’s health infrastructure to ensure our national security against bioterrorist threats; assuring the Nation’s preparedness for emerging infectious diseases and potential pandemics; addressing racial health disparities, promoting women’s health; and providing leadership in the implementation of nationwide prevention strategies to encourage responsible behavior and adoption of lifestyles that are conducive to good health.</p>	<ul style="list-style-type: none"> • UNC-Chapel Hill North Carolina Center for Public Health Preparedness • UNC Greensboro HIV/AIDS Prevention Program • UNC-Chapel Hill National Violence Prevention Leader and Practitioner Training Program • UNC Charlotte Evaluation of the ACT Parent Raising Safe Kids Program • UNC-Chapel Hill North Carolina Center for Autism and Developmental Disabilities Research and Epidemiology • UNC-Chapel Hill Injury Prevention Research Center (UNC IPRC) 	<ul style="list-style-type: none"> • UNCA Childhood Obesity Prevention • UNCA Revitalizing the Craft Industry in WNC • UNC-CH and ECU Program in Racial Disparities and Cardiovascular Disease • UNCP Center for Rural Health and Wellness • ECSU Advancing Diabetes Care • ECU Metabolic Research Center
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Departments of Labor, Health and Human Services, and Education, and Related Agencies Appropriations Act, continued

<p>Department of Health and Human Services</p>	<p>Health Resources and Services Administration (HRSA)</p>	<p>Not Applicable</p>	<p>HRSA supports projects and programs that improve education and training of healthcare professionals, projects that improve health care in rural areas, and initiatives in telemedicine, distance learning, or use of information technology to improve healthcare.</p> <p>Priority programs within HRSA:</p> <ul style="list-style-type: none"> • National Health Service Corps • Health Careers Opportunity Program • Scholarships for Disadvantaged Students • Training in Primary Care Medicine and Dentistry • Area Health Education Centers • Public Health Workforce Development Programs 	<ul style="list-style-type: none"> • UNC Greensboro Adult/Gerontological Nurse Practitioner Concentration • UNC-Chapel Hill Public Health Traineeship Program • UNC Pembroke Eliminating Disparities in Perinatal Health (Healthy Start) • UNC Greensboro Nurse Anesthetist Traineeship Program • Winston-Salem State University Scholarships for Disadvantaged Students • Western Carolina University Leadership Education for Administration at a Distance Program • UNC-Chapel Hill HIV Oral Health Demonstration Project • NC Central University Scholarships for Disadvantaged Students 	<ul style="list-style-type: none"> • UNC-CH Institute for Drug Safety Science • UNC-CH Kidney Care Prevention Program • UNC-CH Center for Integrative Chemical Biology and Drug Discovery • ECU Metabolic Institute • NCA&T Transformational Biomedical Activities • NCA&T Nursing • UNCW Institute for Memory Research • ASU - Ashe County Rural Health Clinic • WSSU Virtual Hospital • WSSU Regional Health Studies • UNCG Telerehabilitation Therapy Program • UNCG Interpreter Certification Project • NCA&T Qualified Nurses • UNCW Nursing Program • UNCW Technology Assisting People Project • WCU Multi Disciplinary Clinic
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Departments of Labor, Health and Human Services, and Education, and Related Agencies Appropriations Act, continued

Department of Health and Human Services	Centers for Medicare and Medicaid Services, Program Management (CMS)	Not Applicable	CMS funds support a variety of studies and demonstrations in areas such as monitoring and evaluating health system performance; improving health care financing and delivery mechanisms; modernization of the Medicare program; the needs of vulnerable populations in the areas of health care access, delivery systems, and financing; and information to improve consumer choice and health status.	<ul style="list-style-type: none"> • NC A&T State University Stress Management Program • UNC-Chapel Hill Rebalancing Initiative Pilot Project at the Institute on Aging • Fayetteville State University Community Awareness Program pertaining to Colorectal Health and Cancer Reduction in African Americans (The Faith Project) 	
Department of Health and Human Services	Agency for Healthcare Research & Quality (AHRQ)	Not Applicable	AHRQ is a home to research centers that specialize in major areas of health care research such as quality improvement and patient safety, outcomes and effectiveness of care, clinical practice and technology assessment, and health care organization and delivery systems. It is also a major source of funding and technical assistance for health services research and research training at leading U.S. universities and other institutions, as well as a science partner, working with the public and private sectors to build the knowledge base for what works—and does not work—in health and health care and to translate this knowledge into everyday practice and policymaking.	<ul style="list-style-type: none"> • UNC Greensboro Drug Coverage and Cost Offsets: Two-Part Models with Endogenous Treatment Effects 	
Department of Health and Human Services	Substance Abuse and Mental Health Services Administration (SAMHSA)	Campus Suicide Prevention Grants	<p>SAMHSA's Campus Suicide Prevention program is funded by Congress under the Garrett Lee Smith Memorial Act (the Act). Campus grantees use funds to:</p> <ul style="list-style-type: none"> • Develop training programs to teach effective responses to students with mental and behavioral health problems. • Prepare materials that address warning signs of suicide, describe risk and protective factors, and identify actions to take with students in distress. <p>Prepare materials for families of college students to increase awareness of potential mental and behavioral health issues.</p>	<ul style="list-style-type: none"> • UNC Greensboro Friends Helping Friends: Mental Health Awareness and Suicide Prevention 	
Department of Education (DoED)	Student Financial Assistance	Student Based Aid: Pell Grants	The Pell Grant Program provides need-based grants to low-income undergraduate and certain post baccalaureate students to promote access to postsecondary education.	<ul style="list-style-type: none"> • Approximately 48,000 students at UNC campuses receive Pell Grant assistance, averaging more than \$2,900 per recipient. • Approximately 147,000 students receive Pell Grant assistance statewide at an average award greater than \$2,600. 	Please support efforts to raise the maximum Pell Grant award through the annual appropriations process.

Departments of Labor, Health and Human Services, and Education, and Related Agencies Appropriations Act, continued

Department of Education	Student Financial Assistance	Campus Based Aid: Federal Perkins Loans	Perkins Loans are need-based student loans offered by the U.S. Department of Education to assist American college students in funding their post-secondary education. Perkins Loans may be forgiven for teachers working in low-income schools, as well as for teachers specializing in shortage areas such as math, science, and bilingual education.	<ul style="list-style-type: none"> • More than 8,000 students at UNC Campuses receive Perkins Loan Assistance at an averaging more than \$2,300 per recipient. • More than 13,000 students statewide receive Perkins Loan assistance averaging more than \$2,300 per recipient. 	
Department of Education	Student Financial Assistance	Campus Based Aid: Federal Work Study (FWS)	FWS provides part-time jobs for students with financial need, allowing them to earn money to help pay education expenses. The program encourages community service work and work related to the recipient's course of study.	<ul style="list-style-type: none"> • More than 6,000 students at UNC Campuses receive Work Study Assistance, averaging over \$1,200 per recipient. • More than 20,000 students statewide receive Work Study assistance, averaging over \$1,200 per recipient. 	
Department of Education	Student Financial Assistance	Campus Based Aid: Supplemental Education Opportunity Grants (SEOG)	SEOGs are for undergraduate students with exceptional financial need. Pell Grant recipients with the lowest expected family contributions are given priority status for SEOG grants.	<ul style="list-style-type: none"> • More than 9,500 students at UNC Campuses receive Supplemental Education Assistance, averaging more than \$850 per recipient. • More than 26,500 students receive Supplemental Education assistance Statewide, averaging more than \$800 per recipient. 	
Department of Education	Student Financial Assistance	State Based Aid: Leveraging Educational Assistance Partnership Program (LEAP)	The LEAP program provides a Federal match to states as an incentive for providing need-based grant and work-study assistance to eligible postsecondary students.	<ul style="list-style-type: none"> • The State of North Carolina received \$1.49 Million in Fiscal Year 2008 from the LEAP program. • The federal grant contributed to \$124,831,216 in state awarded need-based financial aid in the same fiscal year. 	
Department of Education	Higher Education	Title III, Part B: Strengthening Historically Black Colleges and Universities (HBCU)	This program provides financial assistance to HBCUs to establish or strengthen their physical plants, financial management, academic resources, and endowment-building capacity. Activities may include student services, educational equipment acquisition, facility construction, and faculty and staff development.	<ul style="list-style-type: none"> • Elizabeth City State University • Fayetteville State University • NC A&T State University • NC Central University • Winston-Salem State University 	Support an increase in discretionary funding for the Title III, Part B.

Departments of Labor, Health and Human Services, and Education, and Related Agencies Appropriations Act, continued

Department of Education	Higher Education	Title III, Part B: Historically Black Graduate Institutions (HBGI)	HBGI provides financial assistance to HBCUs that offer at least one <u>professional or terminal degree</u> program of instruction in the physical or natural sciences, engineering, mathematics, or other scientific discipline in which African Americans are underrepresented. Funds may be used to establish or strengthen their physical plants, financial management, academic resources, and endowment-building capacity. Activities may include student services, educational equipment acquisition, facility construction, and faculty development.	<ul style="list-style-type: none"> • NC A&T State University School of Engineering • NC Central University School of Law 	Please support increases in discretionary funding for the Title III HBGI program.
Department of Education	Higher Education	Historically Black Masters Programs (HBMP)	HBMP provides financial assistance to HBCUs with <u>masters degree programs</u> of instruction in mathematics, engineering, the physical or natural sciences, computer science, information technology, nursing, allied health, or other scientific disciplines in which African Americans are underrepresented. Funds may be used to establish or strengthen their physical plants, financial management, academic resources, and endowment-building capacity. Activities may include student services, educational equipment acquisition, facility construction, and faculty & staff development.	<ul style="list-style-type: none"> • Elizabeth City State University Masters Degree Programs • Fayetteville State University Masters Degree Programs • Winston-Salem State University Masters Degree Programs 	Support \$10 million in new discretionary funding for the Historically Black Masters Programs.
Department of Education	Higher Education	Minority Science and Engineering Improvement	Funds are used to provide discretionary grants to institutions with minority enrollments greater than 50 percent to purchase equipment, develop curricula, and support advanced faculty training. Grants are intended to improve science and engineering education programs and increase the number of minority students in the fields of science, mathematics, and engineering.	<ul style="list-style-type: none"> • Elizabeth City State University Science Programs • Fayetteville State University Science Programs 	
Department of Education	Higher Education	Graduate Assistance in Areas of National Need (GAANN)	GAANN grants go to graduate academic departments and programs for fellowship support in areas of national need as determined by the Secretary. In FY 2007, the Secretary designated the following areas of national need: biology, chemistry, computer and information sciences, engineering, mathematics, physics, and nursing. Recipients must demonstrate financial need and academic excellence, and seek the highest degree in their fields.	<p>The following UNC campuses received GAANN funding in 2008:</p> <ul style="list-style-type: none"> • UNC Charlotte Computer Science College of Computing Informatics • UNC-Chapel Hill Mathematics, College of Arts and Sciences • NC State University Graduate School 	

Departments of Labor, Health and Human Services, and Education, and Related Agencies Appropriations Act, continued

Department of Education	Higher Education	Gaining Early Awareness and Readiness for Undergraduate Programs (GEAR UP)	GEAR UP prepares middle and high school students for college through academic preparation programs and scholarships for students, professional development activities for educators, and college access information for students and parents.	<ul style="list-style-type: none"> • State of North Carolina GEAR UP Grant FY 2005-2011: \$19,000,000 • Appalachian State University Partnership Grant FY 2008: \$850,000 • Fayetteville State University FY 2008: \$1,218,000 	
Department of Education	Higher Education	Native American – Serving Non-Tribal Institutions Program	The purpose of the Native American-Serving Non-Tribal Institutions Program is to support institutions of education in their effort to increase their self-sufficiency by improving academic programs, institutional management, and fiscal stability.	<ul style="list-style-type: none"> • UNC Pembroke FY2008: \$679,272 	

Departments of Labor, Health and Human Services, and Education, and Related Agencies Appropriations Act, continued

Department of Education	Higher Education	TRIO Programs	<p>TRIO Programs are educational opportunity outreach programs designed to motivate and support students from disadvantaged backgrounds. TRIO services are provided through the following six programs:</p> <ul style="list-style-type: none"> • <i>The Educational Opportunity Centers</i> program provides counseling and information on college admissions to qualified adults who want to enter or continue a program of postsecondary education. • <i>The Ronald McNair Program</i> prepares participants for doctoral studies through involvement in research and other scholarly activities. • <i>Student Support Services</i> provides opportunities for academic development, assists students with basic college requirements, and serves to motivate students enrolled in postsecondary education. • <i>Talent Search</i> provides academic, career, and financial counseling to its participants and encourages them to graduate from high school and continue on to pursue a postsecondary education. • <i>Upward Bound</i> provides fundamental support to participants in their preparation for college entrance. • <i>The Upward Bound Math and Science Program</i> funds specialized math and science centers designed to strengthen the math and science skills of participating students. 	<ul style="list-style-type: none"> • Education Opportunities Center <ul style="list-style-type: none"> -Fayetteville State University • Ronald McNair Program <ul style="list-style-type: none"> - NC A&T State University - Elizabeth City State University • Student Support Services <ul style="list-style-type: none"> - Appalachian State University - Elizabeth City State University - Fayetteville State University - NC A&T State University - UNC Charlotte - UNC Greensboro - UNC Pembroke - Winston-Salem State University • Talent Search <ul style="list-style-type: none"> - NC State University - Elizabeth City State University - Fayetteville State University - Western Carolina University • Upward Bound <ul style="list-style-type: none"> - Appalachian State University - Winston-Salem State University - UNC-Chapel Hill - NC State University - UNC Pembroke - Fayetteville State • Upward Bound Math and Science Program <ul style="list-style-type: none"> - NC A&T State University 	
Department of Education	Institute of Education Sciences (IES)	Regional Educational Laboratories	<p>This account supports a network of ten regional laboratories responsible for promoting the use of broad-based systemic strategies to improve student achievement.</p>	<ul style="list-style-type: none"> • UNC Greensboro SERVE Center 	

Departments of Labor, Health and Human Services, and Education, and Related Agencies Appropriations Act, continued

Department of Education	Institute of Education Sciences	Research, Development, and Dissemination	This account supports research, development, and dissemination activities that are aimed at expanding fundamental knowledge of education and promoting the use of research and development findings in the design of efforts to improve education.	<ul style="list-style-type: none"> National Center for Early Development & Learning at UNC Chapel Hill 	
Department of Education	Institute of Education Sciences	Statewide Data Systems	This program aids state education agencies in developing and implementing longitudinal data systems. These systems are intended to enhance the ability of States to efficiently and accurately manage, analyze, and use education data. The data systems developed with funds from these grants help states, districts, schools, and teachers make data-driven decisions to improve student learning as well as facilitate research to increase student achievement and close achievement gaps.	<ul style="list-style-type: none"> Longitudinal Data Projects (K-12) <p>The North Carolina Department of Public Instruction was awarded \$6 Million in 2007 to supplement state efforts to implement a longitudinal data plan.</p>	Support an appropriation of \$25 million for the State Higher Education Information System Pilot Program authorized in the 2008 Higher Education Reauthorization Bill.
Department of Education	Special Education Grants	Personnel Preparation Programs	Personnel Preparation Programs assists State Education Agencies in reforming and improving their systems for personnel preparation and professional development in early intervention, education, and transition services in order to improve results for children with disabilities.	<ul style="list-style-type: none"> Personnel Preparation Programs are located at the following campuses: <ul style="list-style-type: none"> - UNC-Chapel Hill - UNC Charlotte - UNC Greensboro - East Carolina University - NC A&T State University - NC Central University - Western Carolina University 	

Departments of Labor, Health and Human Services, and Education, and Related Agencies Appropriations Act, continued

Department of Education	Higher Education	Fund for the Improvement of Post secondary Education (FIPSE)	FIPSE funding is available for a variety of higher education projects, including projects to hire and train faculty, develop and improve curricula, establish and improve degree programs, improve teacher prep programs, upgrade technology and telecommunications, acquire science laboratory equipment, provide student support, implement university partnerships with school districts, and establish research and training centers.	<ul style="list-style-type: none"> • UNC-Chapel Hill U.S. –EU Atlantis Program • NC State University U.S.-Brazil Higher Education Consortia Program • Appalachian State University Transatlantic Curricula in Agriculture Principles Applied to Oenology, Viticulture, and Natural Products • Winston-Salem State University Strengthening Historically Black Colleges and Universities Program 	<ul style="list-style-type: none"> • UNCSA Film Scoring Stage Renovation • ASU Network for Access and Success • ASU Regional Nanoscience Institute for Education • NCA&T Pre-Medical Undergraduate Preparation • ECSU Adapted Physical Education • ECSU Lecture Capture Software • UNCSA Film Scoring Stage
Department of Education	Innovation and Improvement:	Fund for the Improvement of Education (FIE)	Funds elementary and secondary education activities such as, instruction services, after-school centers, curricula development, teacher training, acquisition of books and computers, arts education, special education, and early childhood education. In general, the focus of FIE is to provide educational services to K-12 students. Construction, renovation, and wiring or school buildings, are not eligible along with daycare and childcare activities.	<ul style="list-style-type: none"> • UNC-Chapel Hill National Research Center on Rural Education Support - research focused on issues that face children as they begin their education, issues that face students during the transition to early adolescence, and the role that distance education can play in rural schools 	<ul style="list-style-type: none"> • WSSU Real Men Teach Program • UNC-CH Carolina College Advising Corps • NCA&T STEM Professional Development Model • UNCG On Track Program • NCCU Saturday Academy
Department of Education	Innovation and Improvement	Teacher Incentive Fund	This program supports efforts to develop and implement performance-based teacher and principal compensation systems in high-need schools.	<ul style="list-style-type: none"> • Mission Possible Guilford County • Cumberland County Differential Pay for Teachers Initiative 	

Departments of Labor, Health and Human Services, and Education, and Related Agencies Appropriations Act, continued

Department of Education	Innovation and Improvement	Transition to Teaching	The Transition to Teaching program provides grants to recruit and retain highly qualified mid career professionals (including highly qualified paraprofessionals) as teachers in high-need schools, including recruiting teachers through alternative routes to teacher certification. It also provides funds to encourage the development and expansion of alternative routes to certification under state approved programs that enable individuals to be eligible for teacher certification within a reduced period of time, relying on the experience, expertise, and academic qualifications of an individual or other factors in lieu of traditional course work in the field of education.	<ul style="list-style-type: none"> • The TEACH-UP Program Partnership between Wake County Public School System and the following five institutions of higher education: North Carolina State University, Peace College, Shaw University, Saint Augustine's College, Wake Technical Community College and the NC Model Teacher Education Consortium • The PATHS program at Fayetteville State University and NC State University • NC A&T State University Rural Teachers Fellows Initiative • UNC-Chapel Hill Transition to Teaching Program • East Carolina University Special Education Transition to Teaching 	
Department of Education	Innovation and Improvement	Ready to Learn Television	Ready to Learn supports the development of educational programming for preschool and early elementary school children and their families; educational television programming and ancillary materials to increase school readiness for young children; and accompanying support materials and services that promote the effective use of educational programming.	<ul style="list-style-type: none"> • Ready to Learn enables UNC-TV to provide educational video programming for preschool and elementary school aged children. 	
Department of Education	Office of Elementary and Secondary Education:	Title I Grants to States	Title I grants to local educational agencies (LEAs) provide supplemental education funding, especially in high-poverty areas, for local programs that provide extra academic support to help raise the achievement of eligible students or, in the case of school-wide programs, help all students in high-poverty schools to meet challenging State academic standards. The program serves an estimated 20 million students in nearly all school districts and more than half of all public schools—including two-thirds of the Nation's elementary schools.	<ul style="list-style-type: none"> • Quality K-12 public education is critical to the future success of North Carolina communities. A strong public education leads to success in higher education. 	Support a funding increase for Title I Grants to States.

Departments of Labor, Health and Human Services, and Education, and Related Agencies Appropriations Act, continued

Department of Education	School Improvement Programs	State Grants for Improving Teacher Quality	States and LEAs may use the funds for a range of activities related to the certification, recruitment, professional development, and support of teachers and administrators. Activities may include reforming teacher certification and licensure requirements, addressing alternative routes to State certification of teachers, recruiting teachers and principals, and implementing teacher mentoring systems, teacher testing, merit pay, and merit-based performance systems. These funds may also be used by districts to hire teachers to reduce class sizes.	<ul style="list-style-type: none"> • The University of North Carolina receives more than \$800,000 through this program annually 	
Department of Education	Teacher Quality Partnership Program	Not Applicable	Partnership grants seek to raise student achievement and improve learning by bringing about fundamental change and improvement in teacher preparation programs. Grant activities focus on increasing teachers' academic content preparation; integrating research-based teaching methods into the education curriculum; providing sustained preservice clinical or field experiences; and creating opportunities for professional development activities that improve content knowledge and strengthen teaching skills.	<ul style="list-style-type: none"> • UNC Greensboro Project ENRICH expansion into Winston-Salem/Forsyth Schools 	
Department of Education	Office of Indian Education	Special Programs for Indian Children	Funds are used for demonstration grants to improve Indian student achievement through early childhood education and college preparation programs, and for professional development grants for training Indians who are preparing to begin careers in teaching and school administration.	<ul style="list-style-type: none"> • UNC Pembroke School of Education (received funding in 2006, 2007, and 2008) 	
Corporation for Public Broadcasting (CPB)	Corporation for Public Broadcasting	Not Applicable	The CPB promotes public telecommunications services (television, radio, and online) for the American people. CPB invests in more than 1,000 local radio and television stations - their services, their programs, and their ideas.	<ul style="list-style-type: none"> • Funding provided by the Corporation for Public Broadcasting supports UNC-TV operations and programming. This funding is critical to UNC-TV operations and allows UNC-TV to continue to service the entire state. 	

Departments of Labor, Health and Human Services, and Education, and Related Agencies Appropriations Act, continued

Institute for Museum and Library Services (IMLS)	National Leadership Grants	Not Applicable	National Leadership Grants support projects that have the potential to elevate museum and library practice. Specifically they should improve the ability of museums and libraries to preserve culture, heritage and knowledge while enhancing learning.	<ul style="list-style-type: none"> • UNC-Chapel Hill Building Digital Resources 	<ul style="list-style-type: none"> • WSSU O'Kelly Library Transformation
Institute for Museum and Library Services	Laura Bush 21 st Century Librarian Program	Not Applicable	The Laura Bush 21 st Century Librarian Program supports projects to develop faculty and library leaders, to recruit and educate the next generation of librarians, to conduct research on the library profession, and to support early career research on any area of library and information science by tenure-track, untenured faculty in graduate schools of library and information science.	<ul style="list-style-type: none"> • Laura Bush 21st Century Librarian Program <ul style="list-style-type: none"> - NC Central University Minority Masters of Library Science Degree Scholarships - UNC Greensboro ACE (Academic and Cultural Enrichment) Scholars Program - East Carolina University new school library media specialists (recruitment and training) - UNC-Chapel Hill career-tracking model for library and information sciences 	

State, Foreign Operations, and Related Programs Appropriations Act

Agency	Account	Sub-Account	Description	Examples of Existing Competitively-Awarded Research provided through account	FY2011 Congressionally-Directed Projects and Special Requests
Department of State	Educational and Cultural Exchange Programs	Gilman International Scholarship Program	The Gilman International Scholarship Program offers grants for U.S. citizen undergraduate students of limited financial means to pursue academic studies abroad.	Students from each of the University of North Carolina campuses are eligible to apply for scholarships provided through the Gilman International Scholars Program.	
Department of State	Educational and Cultural Exchange Programs	Fulbright Scholarship Program	The Fulbright Program provides funds for students, scholars, and professionals to undertake graduate study, advanced research, university teaching, and teaching in elementary and secondary schools abroad.	Students from each of the University of North Carolina campuses are eligible to apply for scholarships provided through the Fulbright Program.	
Department of State	Educational and Cultural Exchange Programs	Paul Simon Scholarship Program	The Paul Simon Scholarship Program encourages non-traditional students, such as low income students and those who attend community college, to spend part of their undergraduate study abroad.	*Pending Authorization*	

Financial Services and General Government Appropriations Act

Agency	Account	Sub-Account	Description	Examples of Existing Competitively-Awarded Research provided through account	FY2011 Congressionally-Directed Projects and Special Requests
Small Business Administration (SBA)	Small Business Administration	Not Applicable	The U.S. Small Business Administration (SBA) was created in 1953 as an independent agency of the federal government to aid, counsel, assist and protect the interests of small business concerns, to preserve free competitive enterprise and to maintain and strengthen the overall economy of our nation.	Many of UNC's technology transfer offices work with small companies that benefit from SBA support.	<ul style="list-style-type: none"> • ASU High-Country Opportunity for Pastoral Sustainability • WSSU Eastside Enterprise Center Project • UNCP Small Business Incubator • UNC-CH Green Plus

Multi-Bill/Agency Appropriation Priorities

Program	Agency	Description	Examples of Existing Competitively-Awarded Research provided through account	FY2011 Congressionally-Directed Projects and Special Requests
Small Business Innovation Research Program (SBIR)	<ul style="list-style-type: none"> • Department of Agriculture • Department of Commerce • Department of Defense • Department of Education • Department of Energy • Department of Health and Human Services • Department of Homeland Security • Department of Transportation • Environmental Protection Agency • National Aeronautics and Space Administration • National Science Foundation 	<p>The SBIR program provides qualified small businesses with opportunities to propose innovative ideas that meet specific research and development needs of the federal government. SBIR mandates that federal agencies with more than \$100 million in extramural R&D are required to allocate a percentage of their budgets exclusively for small businesses. This set-aside began in 1983 at 0.2% and is currently 2.5% resulting in the availability of approximately \$1.6 billion in fiscal year 2001 to R&D small businesses.</p> <p>The SBIR program provides many funding opportunities for start-up companies that are spun out of university technology transfer programs.</p>	<ul style="list-style-type: none"> • North Carolina Small Business and Technology Development Center (SBTDC) located on the campus of NC State University benefits from SBIR funding. • Morphormics Inc. (a UNC-Chapel Hill spin-off company that has developed a technology that aids in the treatment of cancer) • InnerOptic (a UNC-Chapel Hill spin-off company that has developed a technology that improves minimally invasive surgery) 	
Small Business Technology Transfer Program (STTR)	<ul style="list-style-type: none"> • Department of Defense • Department of Energy • Department of Health and Human Services • National Aeronautics and Space Administration • National Science Foundation 	<p>This three-phased program provides the opportunity for qualified small businesses to collaboratively work with non-profit research institutions on R&D projects. Federal agencies with more than \$1 billion of extramural R&D must reserve 0.3% of their budgets for R&D small businesses and their partners. This set-aside currently results in the availability of approximately \$65 million for fiscal year 2001.</p> <p>*STTR is similar to SBIR program. Its unique feature is its requirement that the small business work jointly with a non-profit research institution. A minimum of 40% of the work must be performed by the small business and a minimum of 30% by the non-profit research institution. Such institutions include Federally-funded research and development centers (FFRDCs), universities, university affiliated hospitals, and other non-profits.</p>	<ul style="list-style-type: none"> • North Carolina Small Business and Technology Development Center (SBTDC) is located on the campus of NC State University benefits from STTR funding. • All of the UNC campuses are eligible to participate in the STTR program. 	