



The University Of North Carolina Federal Appropriations Guide 114th Congress

Appropriations Process

Congress engages in an annual appropriations process to provide discretionary funding for federal government agencies. This document highlights the federal agencies and programs that provide discretionary funding to UNC institutions and is not representative of all federal funding received by UNC institutions.

Budget Development

As the Administration and Congress consider their respective budget proposals, the University requests for both to factor the value of the agencies and programs included in this document.



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The University of North Carolina Federal Sponsored Programs Awards Received * Awards to UNC Constituent Institutions (Part 1: ASU-UNCCH) Fiscal Year 2014

Sponsor	Amount Received								
	ASU	ECU	ECSU	FSU	NCA&TSU	NCCU	UNCSA	NCSU	UNCCH
United States Federal Government									
National Aeronautics and Space Administration	\$299,708	\$238,839	\$23,000		\$1,067,211	\$1,000,000		\$2,340,884	\$181,622
National Foundations on the Arts and Humanities		\$10,000				\$32,955		\$438,849	\$45,000
National Science Foundation	\$1,955,867	\$1,163,983	\$1,924,333	\$749,697	\$7,845,998	\$2,152,329		\$55,287,681	\$37,443,212
Small Business Administration		\$3,000		\$223,400				\$3,242,819	
U. S. Department of Agriculture	\$27,785				\$19,186,741	\$497,723		\$22,602,857	\$532,241.74
U. S. Department of Commerce		\$37,931	\$17,385	\$145,992				\$7,998,167	\$1,432,867
U. S. Department of Defense		\$504,791	\$432,518	\$965,350	\$1,960,134	\$1,231,133		\$13,063,785	\$15,158,026
U. S. Department of Education	\$1,330,695	\$2,235,660	\$7,033,269	\$6,953,260	\$12,402,977	\$7,527,005		\$2,627,529	\$13,112,639
U. S. Department of Energy		\$73,886			\$519,600	\$100,000		\$13,503,072	\$7,262,909
U. S. Department of Health and Human Services (Non-NIH)	\$64,579	\$8,652,948		\$741,683	\$1,880,928	\$1,184,901		\$565,379	\$26,912,899
U. S. DHHS National Institutes of Health	\$12,500	\$6,263,951	\$393,084	\$429,908	\$955,586	\$4,936,788		\$19,870,146	\$423,594,017
U. S. Department of Homeland Security			\$749,650		\$32,497			\$999,988.00	\$7,922,929
U. S. Department of Housing and Urban Development			\$34,665					\$735,264	\$55,125
U. S. Department of the Interior	\$48,878	\$13,875						\$3,476,756	\$1,053,668
U. S. Department of Justice			\$293,188						
U. S. Department of Labor									
U. S. Department of State	\$362,529							\$1,754,362	\$960,000
U. S. Department of Transportation				\$47,000	\$72,743			\$44,507	\$4,533,548
U. S. Department of Veterans Affairs		\$5,290.00							\$152,458
U. S. Environmental Protection Agency								\$1,025,594	\$6,366,822
U. S. International Development Cooperation Agency	\$183,000								\$21,533,285
All Other Federal Agencies	\$646,216	\$546,974							
Corporation for National and Community Service	\$141,092	\$494,324				\$127,000		\$9,268,329	\$1,315,752
Other Government Agencies (NCSU only)								\$8,852,551	
Total Federal Awards Received	\$5,072,849	\$20,245,452	\$10,901,092	\$10,256,290	\$45,924,415	\$18,789,834	\$-	\$167,698,519	\$569,569,020

* Totals reflect awards made to each institution directly from a federal agency; each institution also receives federal funding indirectly through sub-agreements.

**The University of North Carolina Federal Sponsored Programs Awards Received *
Awards to UNC Constituent Institutions (Part 2: UNCA-WSSU, UNC Total) Fiscal Year 2014**

Sponsor	Amount Received								
	UNCA	UNCC	UNCGA	UNCG	UNCP	UNCW	WCU	WSSU	UNC TOTAL
United States Federal Government									
National Aeronautics and Space Administration									\$5,151,264
National Foundations on the Arts and Humanities				\$40,000		\$16,000			\$582,804
National Science Foundation	\$181,562	\$8,061,426		\$2,807,435	\$618,995	\$612,758	\$640,179	\$164,138	\$121,609,593
Small Business Administration		\$5,959.00					\$3,064		\$3,478,242
U. S. Department of Agriculture	\$542,500	\$35,000		\$100,000			\$243,261	\$189,997	\$43,958,105
U. S. Department of Commerce		\$154,028				\$138,436	\$128,592	\$1,228,079	\$11,281,477
U. S. Department of Defense		\$2,847,615	\$556,567	\$181,038		\$263,184.86	\$19,935	\$452,375	\$37,636,451
U. S. Department of Education		\$3,641,556	\$14,248,166	\$2,811,418	\$2,858,424	\$155,461	\$751,439	\$2,426,201	\$80,115,699
U. S. Department of Energy		\$251,480				\$25,000			\$21,735,947
U. S. Department of Health and Human Services (Non-NIH)		\$918,288		\$727,632	\$316,160		\$1,027,665	\$2,635,318	\$45,628,380
U. S. DHHS National Institutes of Health		\$2,265,297		\$5,796,650	\$280,865	\$919,702		\$221,351	\$465,939,845
U. S. Department of Homeland Security				\$224,000					\$9,929,064
U. S. Department of Housing and Urban Development									\$825,054
U. S. Department of the Interior							\$303,825		\$4,897,002
U. S. Department of Justice				\$165,517			\$717,768		\$1,176,473
U. S. Department of Labor		\$1,566,788							\$1,566,788
U. S. Department of State		\$14,740.00							\$3,091,631
U. S. Department of Transportation									\$4,697,798
U. S. Department of Veterans Affairs		\$35,928.00							\$193,676
U. S. Environmental Protection Agency				\$35,000					\$7,427,416
U. S. International Development Cooperation Agency									\$21,716,285
All Other Federal Agencies									\$1,193,190
Corporation for National and Community Service		\$15,048		\$150,000					\$11,511,545
Other Government Agencies (NCSU only)									\$8,852,551
Total Federal Awards Received	\$724,062	\$19,813,153	\$14,804,733	\$13,038,690	\$4,074,444	\$2,130,542	\$3,835,728	\$7,317,459	\$914,196,281

* Totals reflect awards made to each institution directly from a federal agency; each institution also receives federal funding indirectly through sub-agreements.

Departments of Agriculture, Rural Development, FDA, and Related Agencies Appropriations Act

Agency	Account	Sub Account	Description	Examples of Competitively Awarded Research or Sponsored Program Through Account
Department of Agriculture (USDA)	Agricultural Research Service (ARS)	N/A	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 • Free Range Poultry Impact Study at Appalachian State University • National Environmental Modeling and Analysis Center at UNC Asheville
USDA	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 Economic Evaluation of Supplemental Nutrition Assistance Program (SNAP)
USDA	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 Genetic Study of Mite Resistance in Honeybees • 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 • Appalachian State University Research on Advancing Sustainable Agricultural Fermentation Industries • UNC Asheville Research on the Impact of Branding on Local Farming • NC State University <ul style="list-style-type: none"> - Southeastern Partnership for Integrated Biomass Supply Systems (IBSS) - Food Pathogen Research - Soybean Breeding Program - Climate Change Research Grant
USDA	NIFA	Extension Activities	<p>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:</p> <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
USDA	Forest Service	Joint Fire Science Program	The Joint Fire Science Program funds scientific research on wildland fires and distributes results to help policymakers, fire managers and practitioners make sound decisions	<ul style="list-style-type: none"> • UNC Chapel Hill Institute for the Environment: Assessment of the Impacts of Smoke, Fire, and Air Quality over the Southeastern US

Agriculture, Rural Development, FDA, and Related Agencies Appropriations Act (continued)

Agency	Account	Sub Account	Description	Examples of Competitively Awarded Research or Sponsored Program Through Account
USDA	Animal and Plant Health Inspection Service (APHIS)	N/A	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 on Sudden Oak Death Spread and Impacts • Food Animal Residue Avoidance Databank (FARAD) at NC State University <ul style="list-style-type: none"> - 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. • APHIS Southeastern Region is located at NC State University's Centennial Campus
USDA	Veterinary Medicine Loan Repayment Program	N/A	This program provides loan reimbursement funding for Veterinarian Students who will work in rural and underserved communities.	<ul style="list-style-type: none"> • Funding provided through this program will encourage more students to pursue a career in large animal and rural veterinary medicine, an area of increasing need in North Carolina.

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

Agency	Account	Sub Account	Description	Examples of Competitively Awarded Research or Sponsored Program Through Account
National Science Foundation (NSF)	Research and Related Activities Account	N/A	<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"> • NC A&T State University Engineering Research Center for Revolutionizing Metallic Biomaterials • NC State University Engineering Research Center for Construction of Green Energy Grid (FREEDM) • NC State University Engineering Research Center for Advanced Self-Powered Systems of Integrated Sensors and Technologies (ASSIST) • UNC Charlotte Cyber Defenders Program • UNC Charlotte Industry University Cooperative Research Center (I/UCRC) for Safety, Security, and Rescue Research • UNC Charlotte Industry University Cooperative Research Center (I/UCRC) for Metamaterials • 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 • Western Carolina University Highlands Biological Station • UNC Charlotte Minority Women in Information Technology Program • East Carolina University Coastal System Responses to Floods and Other Natural Changes and Dynamics • Appalachian State University Sleep Deprivation and Decision Processing Study • Fayetteville State University Sustainable Energy Partnership • UNC Charlotte Assembling the Echinoderm Tree of Life • UNC Greensboro Developing and Testing New Geospatial Approaches in Paleoanthropology • UNC Greensboro Methylmercury in Temperate Forest Ecosystems • UNC Greensboro CAREER: Generation of Cyanocarbons from Alkynes and Azides
NSF	Research and Related Activities (Continued)	N/A		<ul style="list-style-type: none"> • UNC Greensboro Analysis of Cardiac Repolarization as a Tool for the Noninvasive Assessment of Cardiovascular Exposure to Carbon and Metallic Nanotubes • UNC Greensboro Collaborative Research: The Effects of Mind-Wandering on Learning and Retention of STEM Content • UNC Chapel Hill Genomic Approaches to Understanding Cytokinin Signaling and Function in Rice • UNC Chapel Hill Integrating Humans and Computers for Image and Video Understanding • UNC Chapel Hill Renaissance Computing Institute (RENCI) • UNC Chapel Hill Organic Solar Cells Engineered Nanostructures for Manufacturing of Energy Conversion • UNC Chapel Hill Pneumatic Water Wave Genesis, a versatile wavemaking instrument for the UNC Joint Fluids Lab • UNC Chapel Hill Physics and Biology Partnership for a New Learning Environment • UNC Chapel Hill Impact of Intensive Livestock Production on the Disease Ecology of Antibiotic Resistance • UNC Chapel Hill Big Data: A Sociometric System for Long-tail Science Data Collections

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

Agency	Account	Sub Account	Description	Examples of Competitively Awarded Research or Sponsored Program Through Account
NSF	Education and Human Resources Account	N/A	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"> • NC A&T State University CREST Bioenergy Center • UNC Greensboro Full Scale Development Project: Herpetology Education in Rural Places and Spaces (HERPS) • UNC Greensboro Science, Technology, and Math Preparation Scholarships • UNC Greensboro Regional Mathematics and Statistics Conference • UNC Greensboro Advances in Interdisciplinary Statistics and Combinatorics • UNC Greensboro Multi-Site International Research Experiences for Undergraduates (REU) • Appalachian State University Program for Attracting and Retaining Scholars in Computer and Mathematical Sciences • Elizabeth City State University Diversity in Geosciences • Fayetteville State University Community Alliance for Mathematics and Computer Science • East Carolina University BioExcellence Scholarship Program • UNC Charlotte Roots of STEM: Research on Women and Underrepresented Minorities in STEM Majors • UNC Pembroke Creating Opportunities for Students in Science (COMPASS) Scholarships • Appalachian State University High Achievers Scholarship Program in Science and Mathematics
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 US Atlantic Coastal Ocean Observing System (SEACOOS) at UNC Chapel Hill
DOC	NOAA	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"> • 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 • UNC Chapel Hill Southeast Regional Climate Center
DOC	NOAA	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 • UNC Charlotte Evaluation of the Role of Salinity in Determining Levels of <i>Vibrio vulnificus</i> and <i>Vibrio parahaemolyticus</i> in North Carolina Oysters and Clams
DOC	National Institute of Science and Technology (NIST)	Industrial Technology Services (ITS)	The ITS Account supports the following two priority programs: (1) The Hollings Manufacturing Extension Program (MEP) provides companies with services and access to public and private resources that enhance growth, improve productivity, and expand capacity. (2) Technology Innovation Program (TIP) 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

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

Agency	Account	Sub Account	Description	Examples of Competitively Awarded Research or Sponsored Program Through Account
National Aeronautics and Space Administration (NASA)	Aeronautics Mission Directorate	N/A	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 Center for Aviation Safety • NC State University Decentralized Autonomous Flight Control Systems for Multi-Vehicle Formations • Fayetteville State University High Efficiency TEG for space power generation
NASA	Exploration Mission Directorate	N/A	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
NASA	Education Programs	N/A	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) • UNC Chapel Hill Morehead Planetarium - - Using FullDome Technology to Demonstrate Aeronautic Principles • Fayetteville State University Planetarium and Science Outreach

Department of Defense Appropriations Act

Agency	Account	Sub Account	Description	Examples of Competitively Awarded Research or Sponsored Program Through Account
<p>Department of Defense (DOD)</p>	<p>Research, Development, Test, and Evaluation (RDT&E)</p>	<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 at universities is typically funded through DOD agencies and commands including:</p> <ul style="list-style-type: none"> • Army Research Laboratory (ARL)/ Army Research Office (ARO)* ARO is located in RTP • Naval Research Laboratory (NRL)/ Office of Naval Research (ONR) • Air Force Research Laboratory (AFRL)/Air Force Office of Scientific Research (AFOSR) • Defense Advanced Research Projects Agency (DARPA) • Defense Threat Reduction Agency (DTRA) • Army Medical Research and Materiel Command (MRMC) • Army Corps of Engineers - Engineer Research and Development Center (ERDC), Construction Engineering Research Laboratory (CERL). <p>Other agencies and commands also have RDT&E funds available for academic research:</p> <ul style="list-style-type: none"> • Defense Logistics Agency (DLA) • Defense Microelectronics Activity (DMA) • National Security Agency (NSA) • National Geospatial Intelligence Agency (NGA) • U.S. Special Operations Command (USSOCOM)* More than half of all special operations forces are based in NC 	<ul style="list-style-type: none"> • Department of Defense Carolinas Cyber-Defender Scholarship Program at UNC Charlotte • UNC Wilmington Nitrogen gas dynamics in adipose tissues of diving mammals (ONR) • East Carolina University Operation Re-Entry North Carolina (MRMC) • UNC Chapel Hill Reconfigurable Multi element Diagnostic ReMeDx (DARPA, ARO) • UNC Pembroke Sensitive Indicators and Risk Factors of Blast-Induced Neurodegeneration in Hippocampus (ARL/ARO) • NC A&T State University Testing, Evaluation and Control of Heterogeneous Large-scale Autonomous Vehicles program (AFRL) • NC State University Multidisciplinary University Research Initiative (MURI) on Sound and Electromagnetic Interacting Waves (ONR) • Fayetteville State University Center for Defense & Homeland Security - Navy Next-Generation Outreach and Recruitment Initiative (ONR) • Elizabeth City State University Satellite Remote Sensing - Research and Education Instrumentation Program (ONR) • UNC Chapel Hill Discovering Structured Peptide Catalysts by Reactive Tagging (DTRA) • NC Central University GLII Inhibition to Enhance Chemo- and Targeted-Therapies in Inflammatory Breast Cancer (DOD) • UNC Chapel Hill Neural Markers and Rehabilitation of Executive Functioning in Veterans with TBI and PTSD (MRMC) • UNC Greensboro TBI Assessment of Readiness using a Gait Evaluation Test (DOD Congressionally Directed Medical Research Program (CDMRP)) • NC State University Sentinel Landscapes Resource Development For Military Training (Army Corps of Engineers) • UNC Charlotte Analytical Framework for Rapid End-to-End Support for Effective Civil-Military Operations Planning (ERDC) • NC State University High Performance Tunable Materials (DMA) • NC State University Laboratory for Analytic Science and Science of Security Label (NSA) • NC Central University Talent Pipeline - Increasing Diversity and Enhancing Geospatial Programs (NGA) • UNC Charlotte Portable Low Visibility Cloaks (USSOCOM) • UNC Partnership for National Security, UNC systemwide effort supporting special operations forces through scientific expertise, workshops, internships and design projects (ARO, USSOCOM) • UNC Pembroke Sensitive Indicators and Risk Factors of Blast-Induced Neurodegeneration in Hippocampus (ARL/ARO)
<p>Department of Defense (DOD)</p>	<p>RDT&E</p>	<p>Small Business Innovative Research (SBIR)/ Small Business Technology Transfer (STTR)</p>	<p>13 DOD agencies participate in the SBIR program and 6 DOD agencies participate in the STTR program. The SBIR program provides up to \$1,150,000 in early-stage R&D funding to small technology companies (who may collaborate with university researchers); STTR provides up to \$850,000 and research institutions are required to conduct 30% or more of the research.</p>	<ul style="list-style-type: none"> • NC State University Army STTR with NLA Diagnostics LLP (Charlotte, NC) on Nondestructive Concrete Characterization System • NC State University DOD STTR with Kyma Technologies (Raleigh, NC) on Compact, Efficient, High Power Semiconductor Laser for Undersea Communication • UNC Charlotte Navy STTR with IRFLex Corp. (Danville, VA) on Chalcogenide Infrared Fiber Manufacturing Technology • UNC Chapel Hill Army STTR with Impulsonic, Inc. (Chapel Hill, NC) on Interactive Acoustic Simulation in Urban and Complex Environments

Departments of Energy, Water Development and Related Agencies Appropriations Act

Agency	Account	Sub Account	Description	Examples of Competitively Awarded Research or Sponsored Program Through Account
Department of Energy (DOE)	Office of Science	N/A	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 Scalable Data Management, Analysis, and Visualization (SDAV) Institute • UNC Chapel Hill Nuclear Theory with Applications to Astrophysics and Particle Physics • NC State University Integrated Multi-Scale Modeling of Molecular Computing Devices • UNC Chapel Hill Energy Frontier Research Center (EFRC): Center for Solar Fuels
DOE	Office of Energy Efficiency and Renewable Energy	N/A	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 State University Database of State Incentives for Renewables and Efficiency (DSIRE) • NC State University Forest Material Biofuels Research Program • UNC Charlotte Forecasting and Influencing Technological Progress in Solar Energy
DOE	Office of Nuclear Energy	N/A	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 University Nuclear Reactor Program – In 1953 NC State University established the first nuclear reactor dedicated to teaching and research. The program continues to operate and serve the public. • NC State University Consortium for Advanced Simulation of Light Water Reactors (CASL)
DOE	Office of Fossil Energy Research and Development	N/A	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) • UNC Chapel Hill ADCIRC Surge Guidance System, storm surge monitoring
Appalachian Regional Commission (ARC)	Appalachian Regional Commission	N/A	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 Western North Carolina College Access and Success Dissemination Project • Appalachian State University Linking Economic Development and Education

Department of Homeland Security Appropriations Act

Agency	Account	Sub Account	Description	Examples of Competitively Awarded Research or Sponsored Program Through Account
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"> ▪ University of North Carolina Systemwide Pre-Disaster Mitigation Program Led By UNC Charlotte
DHS	Science and Technology Research	N/A	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 ▪ UNC Chapel Hill Center of Excellence for Natural Disasters, Coastal Infrastructure and Emergency Management ▪ UNC Chapel Hill and NC State North Carolina Fire Protection for Special Collections at the University of North Carolina
DHS	Office of Health Affairs	N/A	The Office of Health Affairs is Department's principal authority for health issues supports DHS prepare and assess is S&T Directorate is to develop and deploy technologies and capabilities to secure our homeland. The office also leads and coordinates the Department's biological and chemical defense activities and provides medical and scientific expertise to support the Department's preparedness and response efforts.	<ul style="list-style-type: none"> ▪ UNC Chapel Hill National Collaboration for Bio-Preparedness (NCB-Prepared)

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

Agency	Account	Sub Account	Description	Examples of Competitively Awarded Research or Sponsored Program Through Account
National Endowment for the Humanities (NEH)	National Endowment for the Humanities	N/A	<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 ▪ East Carolina University John Donne's Songs and Sonnets and a Further Expansion of DigitalDonne
National Endowment for the Arts (NEA)	National Endowment for the Arts	N/A	<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 Southern Entrepreneurship in the Arts Conference ▪ UNC Greensboro Computer Aided Making Studio (CAMstudio) ▪ UNC Greensboro Nancy Rubins: Dancing with Gravity ▪ UNC Chapel Hill Southern Music Preservation Project ▪ East Carolina University Eastern North Carolina Literary Homecoming Excellence ▪ North Carolina Arts Council ▪ UNC Chapel Hill Ackland Art Museum Exhibits ▪ UNC Chapel Hill Playmakers Theater Production Assistance
Environmental Protection Agency (EPA)	Science and Technology	N/A	<p>The EPA Science and Technology account funds activities related to pollution control and the promotion of clean water.</p>	<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 ▪ UNC Chapel Hill Operation of the Center for Community Air Quality Modeling and Analysis (CMAS) ▪ UNC Greensboro Modes of Action By Which Air Pollution and Individual Constituents Affect Human Health ▪ UNC Greensboro Effects of Intercropping Switchgrass in Loblolly Pine Plantations on Rodent Populations and Acoustic Behavior ▪ Appalachian State University <ul style="list-style-type: none"> - Biological Graywater Treatment System - Landfill Gas Utilization Project
Department of the Interior	National Park Service	21st Century Conservation Service Corps Program (21CSC)	<p>The service corps program is an initiative to engage young people in protecting, restoring and enhancing National Park Service venues. Partnership members include key federal, state, local and non-profit leaders and stakeholders.</p>	<ul style="list-style-type: none"> ▪ Appalachian State University Blue Ridge Parkway Cultural Resource Technicians
Environmental Protection Agency (EPA)	Air and Radiation	N/A	<p>The EPA Air and Radiation account supports the Clean Air Act.</p>	<ul style="list-style-type: none"> ▪ UNC Chapel Hill Emissions, Air Quality, and Meteorological Modeling Support

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

Agency	Account	Sub Account	Description	Examples of Competitively Awarded Research or Sponsored Program Through Account
<p>Department of Health and Human Services (HHS)</p>	<p>National Institutes of Health (NIH)</p>	<p>N/A</p>	<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:</p> <ul style="list-style-type: none"> • NIH Institutes and Centers • 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 • 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 Nursing • 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 • National Institute on Drug Abuse • National Institute of Environmental Health • National Institute of Diabetes and Digestive and Kidney Diseases • National Center for Advancing Translational Sciences 	<ul style="list-style-type: none"> • UNC Greensboro Oral Health Disparities Among Elders With or Without Cognitive Impairment • UNC Greensboro Antioxidant Activities of Freeze-Dried Acai Berry Extracts • UNC Greensboro Mechanisms Underlying Drug-Diet Interactions • UNC Greensboro Strategies to Investigate Synergy in Botanical Medicines • UNC Greensboro Anticancer Agents from Diverse Natural Product Sources • UNC Greensboro Molecular Determinants of Cannabinoid Activity • UNC Greensboro Pathways from Childhood Self-Regulation to Cardiovascular Risk in Adolescents • UNC Greensboro Identifying Genetic Risk for Maternal Insensitivity and Infant Dysregulation • 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 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 • UNC Chapel Hill Clinical and Translational Science Award (CTSA) • UNC Chapel Hill SERCEB Southeast Regional Centers of Excellence for Biodefense • UNC Chapel Hill SPIROMICS: Genomics and Informatics Center • UNC Chapel Hill Carolina Center for Cancer Nanotechnology Excellence • UNC Chapel Hill Pediatrics Primary Care Residency Expansion Program • UNC Chapel Hill AIDS Clinical Trials Unit (UNC ACTU) • Elizabeth City State University Mammography Disparities in Elderly African American Women • UNC Chapel Hill North Carolina Translational and Clinical Sciences Institute (NC TraCS) • 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 • East Carolina University Diabetes and Obesity Research • East Carolina University Interferons as Adjuvants for Tolerogenic Vaccines • UNC Charlotte Development of Next-Generation Stabilization Agents for Cell-based Therapeutics • UNC Charlotte Continued Maintenance and Development of Software: Integrated Genome Browser and the Genoviz SDK, Visualization Software for Next-Generation Genomics • UNC Chapel Hill Carolina Center for Cancer Nanotechnology • UNC Chapel Hill Lineberger Comprehensive Cancer Center - National Cancer Institute Core Support grant • UNC Chapel Hill Carolina Center for Genome Sciences • UNC Chapel Hill McAllister Heart Institute

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

Agency	Account	Sub Account	Description	Examples of Competitively Awarded Research or Sponsored Program Through Account
HHS	Centers for Disease Control (CDC)	N/A	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.	<ul style="list-style-type: none"> ▪ UNC Charlotte Accessing Young Black MSM for HIV Prevention Through Online Social Networking ▪ UNC Chapel Hill North Carolina Center for Autism and Developmental Disabilities Research and Epidemiology ▪ UNC Chapel Hill Injury Prevention Research Center (UNC IPRC) ▪ UNC Chapel Hill Center for Health Promotion and Disease Prevention ▪ UNC Chapel Hill North Carolina Center for Public Health Preparedness
HHS	Health Resources and Services Administration (HRSA)	N/A	<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 Veteran Access Program (VAP) to Prepare BSN Nurses ▪ UNC Greensboro Nurse Anesthist Traineeship Program ▪ UNC Greensboro Geriatric Workforce Enhancement Project ▪ UNC Chapel Hill Public Health Traineeship Program ▪ UNC Chapel Hill Ryan White Part C: Early Intervention Services ▪ UNC Pembroke Eliminating Disparities in Perinatal Health (Healthy Start) ▪ UNC Greensboro Nurse Anesthetist Traineeship Program ▪ UNC Greensboro Geriatric Workforce Enhancement Project ▪ 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 ▪ East Carolina University Oral Health and Dental Education ▪ East Carolina University Hospice and Palliative Care ▪ East Carolina University Center for Integrated Care Delivery ▪ East Carolina University Scholarships for Disadvantaged Students ▪ UNC Charlotte Scholarships for Disadvantaged Students ▪ UNC Charlotte Crossing Borders: Making Connections ▪ UNC Charlotte Nurse Anesthetist Traineeship Program ▪ UNC Pembroke Behavioral Health Workforce Education and Training for Professionals and Paraprofessionals
HHS	Centers for Medicare and Medicaid Services, Program Management (CMS)	N/A	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 ▪ Fayetteville State University Community Awareness Program Pertaining to Colorectal Health and Cancer Reduction in African Americans (The Faith Project)
HHS	Agency for Healthcare Research and Quality (AHRQ)	N/A	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 Chapel Hill Training Program for Health Services Research ▪ UNC Chapel Hill Research Center for Excellence in Clinical Preventative Services

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

Agency	Account	Sub Account	Description	Examples of Competitively Awarded Research or Sponsored Program Through Account
HHS	Substance Abuse and Mental Health Services Administration (SAMSHA)	Campus Suicide Prevention Program	SAMHSA's Campus Suicide Prevention program is funded by Congress under the Garrett Lee Smith Memorial Act (the Act). Campus grantees use funds to: <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. Prepare materials for families of college students to increase awareness of potential mental and behavioral health issues.	<ul style="list-style-type: none"> UNC Greensboro Enhancing Evidence-Based Clinical Internships for Master's-Level Counselors Working With At-Risk Youth UNC Greensboro Master of Social Work Behavioral Health Workforce Education Training UNC Chapel Hill Triangle Network to Engage Homeless Individuals with Substance Abuse and Mental Illness Appalachian State University APP Cares Network
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 68,000 students at UNC campuses receive Pell Grant assistance, averaging more than \$4,000 per recipient. Approximately 253,000 students receive Pell Grant assistance statewide at an average award greater than \$3,500.
DoED	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 3,000 students at UNC Campuses receive Perkins Loan Assistance at an averaging more than \$2,300 per recipient. Nearly 7,000 students statewide receive Perkins Loan assistance averaging more than \$2,700 per recipient.
DoED	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 \$2,100 per recipient Nearly 20,000 students statewide receive Work Study assistance, averaging over \$2,000 per recipient
DoED	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 8,000 students at UNC Campuses receive Supplemental Education Assistance, averaging more than \$800 per recipient. More than 29,000 students receive Supplemental Education assistance Statewide, averaging nearly \$800 per recipient.
DoED	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 2010 from the LEAP program.
DoED	Higher Education Act	Title III, Part A: Strengthening Institutions Programs	The SIP provides grants to eligible institutions of higher education (IHEs) to help them become self-sufficient and expand their capacity to serve low-income students by providing funds to improve and strengthen the institution's academic quality, institutional management, and fiscal stability.	<ul style="list-style-type: none"> UNC Greensboro received \$1.8 million over five years for Intentional Futures - Learning to Learn, a program focused on improving the academic success of the diverse student population served by the institution.

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

Agency	Account	Sub Account	Description	Examples of Competitively Awarded Research or Sponsored Program Through Account
DoED	Higher Education Act	Title III, Part B: Strengthening HBCUs	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"> • FY 2014 Mandatory Awards: <ul style="list-style-type: none"> - Elizabeth City State University: \$1,173,035 - Fayetteville State University: \$1,159,709 - NC A&T State University: \$1,635,348 - NC Central University: \$1,300,828 - Winston-Salem State University: \$1,235,453 • FY 2014 Regular Awards: <ul style="list-style-type: none"> - Elizabeth City State University: \$3,560,283 - Fayetteville State University: \$3,654,205 - NC A&T State University: \$5,983,060 - NC Central University: \$4,327,505 - Winston-Salem State University: \$4,029,365
DoED	Higher Education Act	Title III, Part B: Strengthening Historically Black Graduate Institutions (HBGI)	HBGI provides financial assistance to HBCUs that offer at least one professional or terminal degree 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 and staff development.	<ul style="list-style-type: none"> • NC A&T State University School of Engineering • NC Central University School of Law
DoED	Higher Education Act	Historically Black Master's Programs (HBMP)	HBMP provides financial assistance to HBCUs with master's degree programs 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 Master's Degree Programs • Fayetteville State University Master's Degree Programs Winston-Salem State University Master's Degree Programs
DoED	Higher Education Act	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
DoED	Higher Education Act	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"> • NC State University Chemical and Biomolecular Engineering (2014) • UNC Charlotte Software and Information Systems (2013) • NC State University Chemical Engineering (2012) • UNC Chapel Hill Mathematics (2012) • UNC Charlotte GAANN Fellowship Program in Computing and Informatics (2013-2016)

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

Agency	Account	Sub Account	Description	Examples of Competitively Awarded Research or Sponsored Program Through Account
DoED	Higher Education Act	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 <ul style="list-style-type: none"> - FY 2011-2015: \$22,824,296 • UNC General Administration <ul style="list-style-type: none"> - FY 2011: \$3,210,247 - FY 2013: \$4,130,139 - FY 2014: \$4,108,226 - FY 2015: \$4,110,792 • Appalachian State University <ul style="list-style-type: none"> - FY 2015: \$4,185,632 • Fayetteville State University <ul style="list-style-type: none"> - FY 2011: \$1,026,420 - FY 2012: \$1,026,420 - FY 2013: \$1,026,420
DoED	Higher Education Act	Native American - Serving Non-Tribal Institutions Program (NASNTI)	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.	<p>UNC Pembroke has two five-year NASNTI grants:</p> <ul style="list-style-type: none"> • Native American in Professional Education Achieving Success (NAPE): <ul style="list-style-type: none"> - FY 2011: \$381,862 - FY 2012: \$375,076 + Year 2 Supplement: \$127,343 - FY 2013: \$396,923 - FY 2014 : \$399,356 - FY 2015: \$399,990 + Year 5 Supplement: \$136,779 • Harnessing Opportunities through Proactive Education and Services (HOPES) <ul style="list-style-type: none"> - FY 2012: \$375,079 - FY 2013: \$395,326 - FY 2014: \$395,765 - FY 2015 : \$396,233 - FY 2016: \$396,734 anticipated

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

Agency	Account	Sub Account	Description	Examples of Competitively Awarded Research or Sponsored Program Through Account
DoED	Higher Education Act	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"> • The Educational Opportunity Centers program provides counseling and information on college admissions to qualified adults who want to enter or continue a program of postsecondary education. • The Ronald McNair Program prepares participants for doctoral studies through involvement in research and other scholarly activities. • Student Support Services provides opportunities for academic development, assists students with basic college requirements, and serves to motivate students enrolled in postsecondary education. • Talent Search 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. • Upward Bound provides fundamental support to participants in their preparation for college entrance. • The Upward Bound Math and Science Program 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 Postbaccalaureate Achievement Program <ul style="list-style-type: none"> - NC A&T State University - Fayetteville State University - Elizabeth City State University - UNC Chapel Hill • 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 - Fayetteville State University • Upward Bound Math and Science Program <ul style="list-style-type: none"> - NC A&T State University - Appalachian State University
DoED	IES	Statewide Data Systems	<p>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.</p>	<ul style="list-style-type: none"> • Creating a Preschool to Workforce Statewide Longitudinal Data System in North Carolina (NC P-20W System)
DoED	Special Education Grants	Personnel Preparation Programs	<p>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.</p>	<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, Education, and Related Agencies Appropriations Act (continued)

Agency	Account	Sub Account	Description	Examples of Competitively Awarded Research or Sponsored Program Through Account
DoED	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
DoED	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 individual or other factors in lieu of traditional course work in the field of education.	<ul style="list-style-type: none"> • North Carolina Innovative Statewide Program to Improve the Recruitment of Educators (NC INSPIRE) - Led by UNC General Administration in partnership with 12 rural high-need LEAs and four institutions of higher education
DoED	Innovation and Improvement	Teacher Quality Partnership Grants Program	The purposes of the Teacher Quality Partnership (TQP) Grants Program are to: Improve student achievement; improve the quality of new and prospective teachers by improving the preparation of prospective teachers and enhancing professional development activities for new teachers; hold teacher preparation programs at institutions of higher education (IHEs) accountable for preparing highly qualified teachers; and recruit highly-qualified individuals, including minorities and individuals from other occupations, into the teaching force.	<ul style="list-style-type: none"> • UNC Greensboro Project ENRICH (Educational Network for Renewal, Innovation, Collaboration, and Help) • UNC Greensboro Transforming Teaching through Technology (TTT): Preparation for current and future teachers to thoughtfully integrate existing and emerging technology for P-12 student learning
DoED	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.
DoED	Office of Elementary and Secondary Ed	National Center for Homeless Education	The proposed National Center for Homeless Education (NCHE) is to improve educational opportunities and outcomes for children and youth experiencing homelessness in our nation's school communities.	<ul style="list-style-type: none"> • UNC Greensboro National Center for Homeless Education at the SERVE Center
DoED	Office of Elementary and Secondary Ed	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.
DoED	Office of Postsecondary Education	Fund for the Improvement of Postsecondary Education (FIPSE)	FIPSE's mandate is to "improve postsecondary educational opportunities" across a broad range of concerns. Through its various grant competitions, FIPSE seeks to support the implementation of innovative educational reform ideas, to evaluate how well they work, and to share the findings with the larger education community.	<ul style="list-style-type: none"> • Appalachian State University US-Brazil Sustainability and Sustainable Development Education Initiative • UNC Chapel Hill US - EU Atlantis Program • NC State University US -Brazil Higher Education Consortia Program • Winston-Salem State University Strengthening Historically Black Colleges and Universities

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

Agency	Account	Sub Account	Description	Examples of Competitively Awarded Research or Sponsored Program Through Account
DoED	Office of Postsecondary Education	International and Foreign Language Education (IFLE)	The IFLE office provides institutional and fellowship grant funding to strengthen the capability and performance of American education in foreign languages and in area and international studies.	<ul style="list-style-type: none"> • UNC Chapel Hill Center for Middle East and Muslim Civilizations • UNC Chapel Hill Center for European Studies • UNC Chapel Hill NC Global National Resource Center • UNC Chapel Hill institute for the Study of the Americas
DoED	Office of Postsecondary Education	Fulbright-Hays Group Projects Abroad (GPA)	This program provides grants to support overseas projects in training, research, and curriculum development in modern foreign languages and area studies for teachers, students, and faculty engaged in a common endeavor. Projects may include short-term seminars, curriculum development, group research or study, or advanced intensive language programs.	<ul style="list-style-type: none"> • UNC Greensboro Experiencing China: Designing Curriculum Activities for All Learners
DoED	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
DoED	Office of Indian Education	Professional Development Grants	Funds are used for stipends to support Native American students who wish to complete degree programs in Teacher Education.	<ul style="list-style-type: none"> • UNC Pembroke School of Education (received funding for new four-year cycle: \$1,118,769)
Corporation for Public Broadcasting	Corporation for Public Broadcasting	N/A	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.
Institute for Museum and Library Services (IMLS)	National Leadership Grants	N/A	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 • UNC Greensboro Young Achievers DGHl Explorers Program
IMLS	Museums for America	N/A	The goal of the Museums for America (MFA) program is to strengthen the ability of an individual museum to serve the public more effectively by supporting high-priority activities that advance its mission, plans, and strategic goals and objectives.	<ul style="list-style-type: none"> • UNC Greensboro Weatherspoon Art Museum Vault Renovation
IMLS	Laura Bush 21st Century Librarian Program	N/A	The Laura Bush 21st 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 - UNC Greensboro ACE (Academic and Cultural Enrichment) Scholars Program - East Carolina University new school library media specialists (recruitment and training) - UNC-Chapel Hill University Library Learning from Artists Archives Program - East Carolina University North Carolina Economically Disadvantaged and Diversity Scholarships Program

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

Agency	Account	Sub Account	Description	Examples of Competitively Awarded Research or Sponsored Program Through Account
IMLS	Grants to State Library Agencies	Project Digitization Grant	The Grants to States Program is the largest grant program run by IMLS; it provides funds to State Library Administrative Agencies (SLAAs) using a population-based formula.	<ul style="list-style-type: none"> Textiles, Teachers, and Troops: Greensboro, NC 1881-1945 - Led by UNC Greensboro in collaboration with NC A&T State University and other Greensboro-area colleges and institutions, this project will make available more than 175,000 digital images including photographs, manuscripts, rare books, scrapbooks, printed materials, and oral histories documenting the social and cultural development of Greensboro

Department of State, Foreign Operations, and Related Programs Appropriations Act

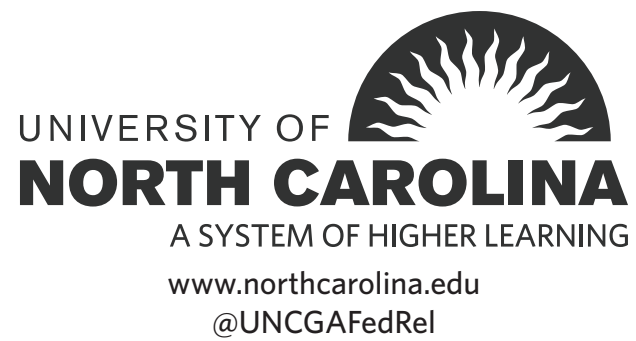
Agency	Account	Sub-Account	Description	Examples of Competitively Awarded Research or Sponsored Program Through Account
Department of State	Educational and Cultural Exchange Programs	Gilman International Scholarship Program	The Gilman International Scholarship Program offers grants for U.S. citizen undergraduate 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. 31 students from across the UNC system received grants in 2014-15.
Department of State	Educational and Cultural Exchange Programs	Creative Art Exchange	The Bureau of Educational and Cultural Affairs creates long-lasting ties between the United States and other countries by providing Americans with access to international artists, while sharing America's rich culture of performing arts with international audiences.	UNC Chapel Hill Next Level: a unique arts-based exchange employs multi-disciplinary hip hop collaborations, and explores and addresses conflict resolution strategies by sending up to 20 American beat makers, DJs, B-Boys/B-Girls (or experts of other types of hip hop dance), or MCs in teams of 5 artists to lead four- to six-week exchange programs in various countries.
Department of State	Educational and Cultural Affairs	Teaching Excellence and Achievement Program	The Teaching Excellence and Achievement Program (TEA) brings outstanding secondary school teachers from around the globe to the United States to further develop expertise in their subject areas, enhance their teaching skills, and increase their knowledge about the United States.	Appalachian State University 2014 TEA Program
Department of State	U.S. Embassy Public Affairs Section (Islamabad)	Public Diplomacy Grants Programs for Afghanistan and Pakistan	This account provides resources to promote diplomatic solutions, through language training, critical skills development and other public diplomacy programs. These resources support the people, platforms, and programs necessary to meet the international challenges to American security and welfare.	Appalachian State University North Carolina-Pakistan Educational and Cultural Exchange Program
United States Agency for International Development (USAID)	Global Health Programs	President's Emergency Plan for AIDS Relief (PEPFAR), President's Malaria Initiative (PMI)	<p>Funds health-related foreign assistance managed by the Department of State and the U.S. Agency for International Development (USAID). Investments in global health strengthen fragile or failing states, promote social and economic progress, and support the rise of capable partners who can help to solve regional and global problems.</p> <p>Country-based HIV/AIDS activities, technical support/strategic information and evaluation, support for international partners, and oversight and management</p> <p>Comprehensive strategy that combines Malaria prevention and treatment approaches and integrates these interventions with other priority health services. Supports the development of new malaria vaccine candidates, malaria drugs, and other malaria-related research.</p>	<p>UNC Chapel Hill's Project MEASURE Evaluation is the USAID Global Health Bureau's primary vehicle for supporting improvements in monitoring and evaluation in population, health and nutrition worldwide. We help to identify data needs, collect and analyze technically sound data, and use that data for health decision making.</p> <p>Studies from UNC Chapel Hill investigate the ability to diagnose and treat newborn HIV infection using life-saving antiretroviral therapy in Africa and to develop recommendations to prevent mother-to-child HIV transmission.</p> <p>UNC Chapel Hill researchers provide technical assistance to Ethiopian scientists and health professionals in support of monitoring and evaluation (M&E) of malaria control and prevention activities.</p>

Financial Services and General Government Appropriations Act

Agency	Account	Sub Account	Description	Examples of Competitively Awarded Research or Sponsored Program Through Account
<p>Small Business Administration (SBA)</p>	<p>SBA</p>	<p>N/A</p>	<p>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.</p>	<p>Many of UNC's technology transfer offices work with small companies that benefit from SBA support.</p>

Multi-Bill/Multi-Agency Appropriation Priorities

Program	Agency	Description	Examples of Competitively Awarded Research or Sponsored Program Through Account
<p>Small Business Innovation Research Program (SBIR)</p>	<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.</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. ▪ 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) ▪ Prevention Strategies (a UNC Greensboro spin-off company that has developed online programs designed to prevent alcohol and drugs use among adolescents and young adults) ▪ UNC Greensboro/Mycosynthetix collaborative initiative to develop drug leads targeting soil-transmitted helminthes infections, a tropical disease with limited existing treatment options that is increasingly affecting individuals in distressed areas, including U.S. soldiers servings overseas
<p>Small Business Technology Transfer Program (STTR)</p>	<ul style="list-style-type: none"> ▪ Department of Defense ▪ Department of Energy ▪ Department of Health and Human Services ▪ National Aeronautics and Aerospace 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.</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) 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.



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