

December 21, 2015

The Office of Research and Economic Development is pleased to announce awards received by UNC Charlotte Researchers in the month of November, 2015.

*Total amount awarded for the month of November was \$1,752,336*

*Fiscal Year To Date Total: \$24,277,862*

<b>Award Title</b>	<b>Amount</b>	<b>Investigators</b>	<b>PI Dept.</b>	<b>Sponsors</b>
<b>2015-16 Charlotte-Mecklenburg Annual Telephone Survey of Mecklenburg County Residents</b>	\$1,850	<b>Principal Investigator (PI):</b> Gavarkavich, Diane	Urban Institute	<b>Sponsor:</b> Charlotte-Mecklenburg County Public Library
<b>2015-16 Charlotte-Mecklenburg Annual Telephone Survey of Mecklenburg County Residents</b>	\$2,700	<b>Principal Investigator (PI):</b> Gavarkavich, Diane	Urban Institute	<b>Sponsor:</b> Charlotte-Mecklenburg County Public Library
<b>2015-16 Charlotte-Mecklenburg Annual Telephone Survey of Mecklenburg County Residents</b>	\$6,100	<b>Principal Investigator (PI):</b> Gavarkavich, Diane	Urban Institute	<b>Sponsor:</b> Goodwill Industries of the Southern Piedmont
<b>Air Option 2: Research Alliance - Identification Technology Transition Readiness and Accelerated Innovation Network (IT-TRAIN)</b>	\$67,376	<b>Principal Investigator (PI):</b> Cukic, Bojan <b>Co-PI:</b> Marasco, Emanuela	Computer Science	<b>Sponsor:</b> Clarkson University <b>Prime Sponsor:</b> National Science Foundation (NSF)
<b>Broadening Participation Research Project: Exploring Computing Careers through a Virtual Career Fair Using Embodied Conversational Agents</b>	\$58,792	<b>Principal Investigator (PI):</b> Lewis, Chance	Middle, Secondary and K-12 Education	<b>Sponsor:</b> Morehouse College <b>Prime Sponsor:</b> National Science Foundation (NSF)
<b>Building Healthy Lifestyles from All Directions</b>	\$38,130	<b>Principal Investigator (PI):</b> Racine, Elizabeth <b>Co-PI:</b> Saunders, William	Public Health Sciences	<b>Sponsor:</b> Cabarrus Partnership for Children
<b>CfM Industry Membership Funds Yr 5 and 6 of Phase I</b>	\$130,000	<b>Principal Investigator (PI):</b> Fiddy, Michael	Physics and Optical Science	<b>Sponsor:</b> All Other Business and Industry
<b>Clinical Translational Science Award - Clinical Informatics Faculty</b>	\$34,072	<b>Principal Investigator (PI):</b> Ge, Yaorong	Software and Information Systems	<b>Sponsor:</b> Wake Forest University Health Sciences <b>Prime Sponsor:</b> National Institutes of Health (NIH)

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<b>Confidential</b>	\$88,965	<b>Principal Investigator (PI):</b> Daniels, John	Civil and Environmental Engineering	<b>Sponsor:</b> Confidential <b>Prime Sponsor:</b> Confidential
<b>Cortical Correlates of Postural Control and its Response to Balance Training in Those with CAI</b>	\$1,000	<b>Principal Investigator (PI):</b> Turner, Tricia <b>Co-PIs:</b> Burcal, Christopher; Fenwick, Abby	Kinesiology	<b>Sponsor:</b> Mid Atlantic Athletic Trainers Association (MAATA)
<b>Effects of a Focused Plyometric Intervention on Biomechanics after ACL Reconstruction</b>	\$960	<b>Principal Investigator (PI):</b> Fenwick, Abbey <b>Co-PI:</b> Pfeiffer, Steven	Kinesiology	<b>Sponsor:</b> Mid Atlantic Athletic Trainers Association (MAATA)
<b>Field-Scale Testing of Hydrology of Water Balance Covers</b>	\$63,500	<b>Principal Investigator (PI):</b> Khire, Milind	Civil and Environmental Engineering	<b>Sponsor:</b> Waste Management, Inc.
<b>FY16 Quality-Mecklenburg Quality of Life Explorer-County</b>	\$20,000	<b>Principal Investigator (PI):</b> Furuseh, Owen <b>Co-PIs:</b> Zager, Kathryn; Simmons, Laura	Metropolitan Studies and Extended Academic Programs	<b>Sponsor:</b> Charlotte Mecklenburg County
<b>GEAR UP Aspire Day</b>	\$4,087	<b>Principal Investigator (PI):</b> Lopez, Samuel	Multicultural Academic Services	<b>Sponsor:</b> University of North Carolina General Administration (UNC GA) <b>Prime Sponsor:</b> US Department of Education (DOED)
<b>Genomic analysis of two-component signaling elements in rice</b>	\$169,506	<b>Principal Investigator (PI):</b> Loraine, Ann	Bioinformatics and Genomics	<b>Sponsor:</b> University of North Carolina at Chapel Hill (UNC-CH) <b>Prime Sponsor:</b> National Science Foundation (NSF)
<b>Geotechnical and Dewatering Monitoring Program for Appalachian Power Amos Fly Ash Basin Closure Project</b>	\$17,000	<b>Principal Investigator (PI):</b> Hardin, Christopher <b>Co-PI:</b> Khire, Milind	Energy Production and Infrastructure Center	<b>Sponsor:</b> American Electric Power Company, Inc.

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<b>Healthy Wells</b>	\$67,317	<b>Principal Investigator (PI):</b> Silverman, Gary Delmelle, Eric; Tang, Wenwu;	Public Health Sciences	<b>Sponsor:</b> Gaston County Health Department <b>Prime Sponsor:</b> Centers for Disease Control and Prevention (CDC)
<b>Lean Six Sigma Yellow Belt for Crown Cab</b>	\$7,545	<b>Principal Investigator (PI):</b> Ozelkan, Ertunga	Systems Engineering and Engineering Management	<b>Sponsor:</b> Crown Cab Company
<b>Microbial Endocrinology as a Mechanism Governing Stress- Induced Microbiome-Gut-Brain Communication</b>	\$30,200	<b>Principal Investigator (PI):</b> Fodor, Anthony <b>Co-PI:</b> Gharaibeh, Ra'ad	Bioinformatics and Genomics	<b>Sponsor:</b> Iowa State University <b>Prime Sponsor:</b> Department of Defense (DOD) Department of the Navy (DN) Office of Naval Research (ONR)
<b>NC Biotech Exchange Group</b>	\$5,000	<b>Principal Investigator (PI):</b> Hull, Gordon <b>Co-PI:</b> Rasmussen, Lisa	Philosophy	<b>Sponsor:</b> North Carolina Biotechnology Center (NCBC)
<b>Pragda/Spanish Film Club grant for international film festival</b>	\$1,250	<b>Principal Investigator (PI):</b> Rodriguez, Monica <b>Co-PI:</b> Delgadillo Latorre, Maria	Languages and Culture Studies	<b>Sponsor:</b> Pragda
<b>Sexual Assault Prevention for Men in the Military</b>	\$145,236	<b>Principal Investigator (PI):</b> Kazemi, Donna	School of Nursing	<b>Sponsor:</b> Rhode Island Hospital <b>Prime Sponsor:</b> Department of Defense (DOD) Department of the Army (DA) Congressionally Directed Medical Research Programs
<b>Stakeholder Engagement with Energy Roadmap and Air Quality Expertise</b>	\$19,506	<b>Principal Investigator (PI):</b> Shankar, Ramesh <b>Co-PIs:</b> Young, David; Enslin, Johan; Guyer, Regina	Energy Production and Infrastructure Center	<b>Sponsor:</b> Advanced Energy Corporation

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<b>State Systemic Improvement Plan Evaluation Project</b>	\$185,000	<b>Principal Investigator (PI):</b> Algozzine, Robert	Educational Leadership	<b>Sponsor:</b> North Carolina Department of Public Instruction (NCDPI) <b>Prime Sponsor:</b> US Department of Education (DOED)
<b>Story-Call: E-mobile Support for Community Caregivers of Veterans with Dementia</b>	\$29,304	<b>Principal Investigator (PI):</b> Davis, Boyd <b>Co-PIs:</b> Shenk, Dena; Shehab, Mohamed	English	<b>Sponsor:</b> Ralph H. Johnson Veterans Affairs Medical Center
<b>Story-Call: E-mobile Support for Community Caregivers of Veterans with Dementia</b>	\$11,395	<b>Principal Investigator (PI):</b> Davis, Boyd <b>Co-PIs:</b> Shenk, Dena; Shehab, Mohamed	English	<b>Sponsor:</b> Ralph H. Johnson Veterans Affairs Medical Center
<b>Story-Call: E-mobile Support for Community Caregivers of Veterans with Dementia</b>	\$12,862	<b>Principal Investigator (PI):</b> Davis, Boyd <b>Co-PI:</b> Shenk, Dena; Shehab, Mohamed	English	<b>Sponsor:</b> Ralph H. Johnson Veterans Affairs Medical Center
<b>STTR: Chalcogenide Glass Mid-IR Optic Development</b>	\$17,581	<b>Principal Investigator (PI):</b> Owen, Joseph <b>Co-PI:</b> Davies, Matthew	Mechanical Engineering and Engineering Science	<b>Sponsor:</b> Rochester Precision Optics <b>Prime Sponsor:</b> Department of Defense (DOD) Department of the Air Force (DAF) Air Force Research Laboratory (AFRL)
<b>STTR: Infrared Freeform Lenses in Chalcogenide IRG26 Glass</b>	\$9,619	<b>Principal Investigator (PI):</b> Owen, Joseph <b>Co-PIs:</b> Davies, Matthew; Suleski, Thomas	Mechanical Engineering and Engineering Science	<b>Sponsor:</b> Nanohmics, Inc. <b>Prime Sponsor:</b> Department of Defense (DOD) Department of the Navy (DN) Office of Naval Research (ONR)
<b>SWIFT Technical Assistance Center for Inclusive School-Wide Reform</b>	\$7,038	<b>Principal Investigator (PI):</b> Algozzine, Robert	Educational Leadership	<b>Sponsor:</b> University of Kansas <b>Prime Sponsor:</b> US Department of Education (DOED)

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<b>Technical Assistance to the North Carolina Department of Public Instruction in the Implementation of the Transportation Information Management System (TIMS) 2015-16</b>	\$198,000	<b>Principal Investigator (PI):</b> Pressley, JoAnne <b>Co-PI:</b> Hart, Kevin	Urban Institute	<b>Sponsor:</b> North Carolina Department of Public Instruction (NCDPI)
<b>The Transformation of the American Military-Industrial Complex, 1950-2000</b>	\$1,530	<b>Principal Investigator (PI):</b> Wilson, Mark	History	<b>Sponsor:</b> Lyndon Baines Johnson Foundation
<b>UNC Charlotte's Ph.D. Program in Special Education with a Specialty in Multi-tiered Interventions</b>	\$249,911	<b>Principal Investigator (PI):</b> Lo, Ya-yu <b>Co-PI:</b> Wood, Charles	Special Education and Child Development	<b>Sponsor:</b> US Department of Education (DOED)
<b>VASA: Visual Analytics for Security Analysis</b>	\$50,004	<b>Principal Investigator (PI):</b> Ribarsky, Martin <b>Co-PI:</b> Cho, Isaac	Computer Science	<b>Sponsor:</b> Purdue University <b>Prime Sponsor:</b> Department of Homeland Security (DHS)