

August 8, 2016

The Office of Research and Economic Development is pleased to announce awards received by UNC Charlotte Researchers in the month of June, 2016.

Total amount awarded for the month of June was \$4,269,727

Fiscal Year To Date Total: \$40,316,483

<b>Award Title</b>	<b>Amount</b>	<b>Investigators</b>	<b>PI Dept.</b>	<b>Sponsors</b>
<b>2016 BRFSS Community Survey</b>	\$70,000	<b>Principal Investigator (PI):</b> Gavarkavich, Diane	Urban Institute	<b>Sponsor:</b> Mecklenburg County Health Department
<b>2016 Charlotte-Mecklenburg Annual Telephone Survey of Mecklenburg County residents.</b>	\$20,000	<b>Principal Investigator (PI):</b> Gavarkavich, Diane	Urban Institute	<b>Sponsor:</b> Mecklenburg County Land Use and Environmental Services Agency (LUESA)
<b>Anson County Community Health Assessment</b>	\$51,544	<b>Principal Investigator (PI):</b> Simmons, Laura <b>Co-PI:</b> Zager, Kathryn	Urban Institute	<b>Sponsor:</b> Carolinas HealthCare System
<b>Bioethics Research Network: Precision Medicine</b>	\$5,000	<b>Principal Investigator (PI):</b> Hull, Gordon	Center for Professional and Applied Ethics	<b>Sponsor:</b> North Carolina Biotechnology Center (NCBC)
<b>Brookstone Schools: Students' Public School Outcomes</b>	\$9,450	<b>Principal Investigator (PI):</b> Gavarkavich, Diane <b>Co-PI:</b> Lane, Justin	Urban Institute	<b>Sponsor:</b> Brookstone Schools
<b>Capturing and Communicating the Value of NCDOT Research</b>	\$106,000	<b>Principal Investigator (PI):</b> Nicholas, Thomas <b>Co-PIs:</b> Chen, Dong; Hildreth, John	Engineering Technology and Construction Management	<b>Sponsor:</b> North Carolina Department of Transportation (NCDOT) <b>Prime Sponsor:</b> Federal Highway Administration (FHWA)
<b>CfM Industry Membership Funds Yr 5 and 6 of Phase I</b>	\$25,000	<b>Principal Investigator (PI):</b> Fiddy, Michael	Physics and Optical Science	<b>Sponsor:</b> All Other Business and Industry

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<b>Charlotte Water Environmental and Experiential Learning Services</b>	\$91,873	<b>Principal Investigator (PI):</b> Keen, Olya <b>Co-PI:</b> Guyer, Regina	Civil and Environmental Engineering	<b>Sponsor:</b> City of Charlotte
<b>Clinical Translational Science Award - Clinical Informatics Faculty</b>	\$37,277	<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)
<b>Collaboration Grant</b>	\$35,000	<b>Principal Investigator (PI):</b> Li, Xingjie	Mathematics and Statistics	<b>Sponsor:</b> Simons Foundation
<b>CompCog: RI: Small: Pique: A cognitive model of curiosity for personalizing sequences of learning resources</b>	\$449,419	<b>Principal Investigator (PI):</b> Grace, Kazjon <b>Co-PI:</b> Maher, Mary	Software and Information Systems	<b>Sponsor:</b> National Science Foundation (NSF)
<b>Confidential</b>	\$43,601	<b>Principal Investigator (PI):</b> Fiddy, Michael	Physics and Optical Science	<b>Sponsor:</b> Confidential <b>Prime Sponsor:</b> Confidential
<b>Confidential</b>	\$75,000	<b>Principal Investigator (PI):</b> Suleski, Thomas <b>Co-PI:</b> Boreman, Glenn	Physics and Optical Science	<b>Sponsor:</b> Confidential <b>Prime Sponsor:</b> Confidential
<b>Counselor Internship Program</b>	\$4,650	<b>Principal Investigator (PI):</b> Blackmon, Alvin	Financial Aid	<b>Sponsor:</b> North Carolina State Education Assistance Authority (NCSEAA)
<b>Crossing Borders: Making Connections</b>	\$348,176	<b>Principal Investigator (PI):</b> Evans, Dena <b>Co-PIs:</b> Toth, Cynthia; Baldwin, Defloris; Portwood, Sharon	School of Nursing	<b>Sponsor:</b> Health Resources and Services Administration (HRSA)
<b>DoS English Language Specialist Award to Nepal Summer 2016.</b>	\$14,820	<b>Principal Investigator (PI):</b> Salas, Spencer	Middle, Secondary and K-12 Education	<b>Sponsor:</b> Georgetown University <b>Prime Sponsor:</b> Department of State (DOS)

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<b>Evaluation of Concrete Core Samples</b>	\$2,636	<b>Principal Investigator (PI):</b> Cavalline, Tara	Engineering Technology and Construction Management	<b>Sponsor:</b> KSQ/Peterson
<b>Examine the Current and Future Supply, Demand and Distribution of Physicians in North Carolina's Greater Charlotte Region</b>	\$35,077	<b>Principal Investigator (PI):</b> Wilhelm, Robert	Research and Economic Development	<b>Sponsor:</b> Carolinas HealthCare System
<b>Freedom School Assessment Project</b>	\$57,756	<b>Principal Investigator (PI):</b> Taylor, David	Reading and Elementary Education	<b>Sponsor:</b> Freedom School Partners
<b>Globally convergent inverse algorithms via Carleman Weight Functions: theory, numerical studies and experimental verifications</b>	\$15,202	<b>Principal Investigator (PI):</b> Klibanov, Michael <b>Co-PIs:</b> Liu, Hui; Nguyen, Loc	Mathematics and Statistics	<b>Sponsor:</b> Department of Defense (DOD) Department of the Army (DA) Army Research Laboratory (ARL)
<b>Healthcare Cost and Resource Use of Sickle Cell Disease in the US</b>	\$80,651	<b>Principal Investigator (PI):</b> Saunders, William	Public Health Sciences	<b>Sponsor:</b> Putnam Associates
<b>Impact of Fixed Fire Fighting Systems on Road Tunnel Resilience, Ventilation, and Other Systems</b>	\$5,000	<b>Principal Investigator (PI):</b> Zhou, Aixi	Engineering Technology and Construction Management	<b>Sponsor:</b> Fire Protection Research Foundation
<b>Improving Replacement Cost Data for NCDOT Highway Bridges</b>	\$97,070	<b>Principal Investigator (PI):</b> Whelan, Matthew <b>Co-PI:</b> Cavalline, Tara	Civil and Environmental Engineering	<b>Sponsor:</b> North Carolina Department of Transportation (NCDOT) <b>Prime Sponsor:</b> Federal Highway Administration (FHWA)
<b>Increasing the Capacity of Early Childhood Education Programs to Use Data to Improve Implementation and Evaluation</b>	\$199,999	<b>Principal Investigator (PI):</b> Cook, James <b>Co-PIs:</b> Armstrong, Laura; Kilmer, Ryan	Psychology	<b>Sponsor:</b> US Department of Education (DOED) Institute of Education Sciences (IES)
<b>Industrial membership fees for a new I/UCRC - Configuration, Analytics and Automation.</b>	\$100,000	<b>Principal Investigator (PI):</b> Al-Shaer, Ehab	Software & Info Systems	<b>Sponsor:</b> All Other Business and Industry

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<b>Industrial membership fees for the NSF IUCRC Award - SIBS Industry Funds</b>	\$50,000	<b>Principal Investigator (PI):</b> Cox, Robert	Electrical and Computer Engineering	<b>Sponsor:</b> All Other Business and Industry
<b>Industrial membership fees for the UNC Charlotte Site of I/UCRC Robots and Sensors for the Human Well-being</b>	\$183,268	<b>Principal Investigator (PI):</b> Xiao, Jing	Computer Science	<b>Sponsor:</b> All Other Business and Industry
<b>Justice and Mental Health Collaboration Project</b>	\$10,200	<b>Principal Investigator (PI):</b> Bjerregaard, Beth	Criminal Justice and Criminology	<b>Sponsor:</b> City of Charlotte <b>Prime Sponsor:</b> US Department of Justice (DOJ)
<b>Load Rating for NC Legal Vehicles</b>	\$84,000	<b>Principal Investigator (PI):</b> Nicholas, Thomas <b>Co-PI:</b> Orozco, Carlos	Engineering Technology and Construction Management	<b>Sponsor:</b> North Carolina Department of Transportation (NCDOT) <b>Prime Sponsor:</b> Federal Highway Administration (FHWA)
<b>Master Agreement</b>	\$17,500	<b>Principal Investigator (PI):</b> Blanchette, Christopher <b>Co-PIs:</b> Zacherle, Emily; Noone, Joshua; Howden, Reuben	Public Health Sciences	<b>Sponsor:</b> United Therapeutics Corporation
<b>Master Research Agreement MCA-UNCC-082214</b>	\$455,000	<b>Principal Investigator (PI):</b> Blanchette, Christopher <b>Co-PIs:</b> Zacherle, Emily; Noone, Joshua; Howden, Reuben	Deans Office College of Health and Human Services	<b>Sponsor:</b> DataMed Solutions, LLC
<b>Mecklenburg County Public Service Fellowship</b>	\$10,503	<b>Principal Investigator (PI):</b> Leland, Suzanne	Political Science and Public Administration	<b>Sponsor:</b> Charlotte-Mecklenburg County Government
<b>Mental Illness Stigma: Relationship processes and mental health outcomes in college students</b>	\$38,743	<b>Principal Investigator (PI):</b> Canevello, Amy	Psychology	<b>Sponsor:</b> University of Connecticut <b>Prime Sponsor:</b> NIH National Institute of Child Health and Human Development (NICHD)

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<b>Microbial Endocrinology as a Mechanism Governing Stress-Induced Microbiome-Gut-Brain Communication</b>	\$17,488	<b>Principal Investigator (PI):</b> Fodor, Anthony <b>Co-PI:</b> Gharaibeh, Ra'ad	Bioinformatics Research Center	<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>Operating FLEX engines on other than ULS fuel</b>	\$117,335	<b>Principal Investigator (PI):</b> Uddin, Mesbah <b>Co-PIs:</b> Stinson, Kile; Woroniecki, Luke; Tkacik, Peter	Mechanical Engineering and Engineering Science	<b>Sponsor:</b> Electric Power Research Institute (EPRI)
<b>Performance Evaluation of Cable Barriers on a 6:1 Sloped Median under MASH TL-3 Conditions</b>	\$221,438	<b>Principal Investigator (PI):</b> Fang, Hongbing	Mechanical Engineering and Engineering Science	<b>Sponsor:</b> North Carolina Department of Transportation (NCDOT) <b>Prime Sponsor:</b> Federal Highway Administration (FHWA)
<b>Preventive Maintenance Criteria Validation</b>	\$198,670	<b>Principal Investigator (PI):</b> Hildreth, John <b>Co-PI:</b> Smithwick, Jake	Engineering Technology and Construction Management	<b>Sponsor:</b> North Carolina Department of Transportation (NCDOT) <b>Prime Sponsor:</b> Federal Highway Administration (FHWA)
<b>Race Matters for Juvenile Justice - Graduate Research Assistant</b>	\$10,000	<b>Principal Investigator (PI):</b> McCarter, Susan	School of Social Work	<b>Sponsor:</b> Charlotte Mecklenburg County
<b>Story-Call: E-mobile Support for Community Caregivers of Veterans with Dementia</b>	\$13,089	<b>Principal Investigator (PI):</b> Davis, Boyd	English	<b>Sponsor:</b> Ralph H. Johnson Veterans Affairs Medical Center
<b>Supporting Strategic Writers: Effects of an Innovative Developmental Writing Program on Writing and Reading Outcomes</b>	\$117,309	<b>Principal Investigator (PI):</b> Philippakos, Zoi Apostolia	Reading and Elementary Education	<b>Sponsor:</b> University of Delaware <b>Prime Sponsor:</b> US Department of Education (DOED)
<b>Technical Support and Report Writing on "Performance Evaluation of Technologies for Landfill Leachate Treatment"</b>	\$47,998	<b>Principal Investigator (PI):</b> Ogunro, Vincent <b>Co-PIs:</b> Daniels, John; Bae, Sunyoung	Civil and Environmental Engineering	<b>Sponsor:</b> Electric Power Research Institute (EPRI)

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<b>Understanding Changing Inequality within Families in the United States, 1960-2015</b>	\$203,966	<b>Principal Investigator (PI):</b> Smith, Stephanie <b>Co-PI:</b> Whitmeyer, Joseph	Sociology	<b>Sponsor:</b> National Science Foundation (NSF)
<b>University of North Carolina at Charlotte PhD Program 2014</b>	\$2	<b>Principal Investigator (PI):</b> Browder-Boswell, Diane	Special Education and Child Development	<b>Sponsor:</b> US Department of Education (DOED)
<b>Ventureprise Charlotte Launch Program</b>	\$99,933	<b>Principal Investigator (PI):</b> Wetenhall, Paul <b>Co-PIs:</b> Collins, Devin; Conrad, James; Webb, Justin	Ventureprise	<b>Sponsor:</b> National Science Foundation (NSF)
<b>Water Quality Monitoring for Tributary 5, McDowell Creek Watershed, Mecklenburg County, NC Phase 2</b>	\$84,275	<b>Principal Investigator (PI):</b> Allan, Craig	Geography and Earth Sciences	<b>Sponsor:</b> City of Charlotte Storm Water Services
<b>Water repellency for ash containment and reuse</b>	\$197,756	<b>Principal Investigator (PI):</b> Daniels, John <b>Co-PIs:</b> Pando, Miguel; Ogunro, Vincent	Civil and Environmental Engineering	<b>Sponsor:</b> Environmental Research and Education Foundation
<b>Website Proposal Homelessness &amp; Housing Data Dashboard 2016-2021</b>	\$34,625	<b>Principal Investigator (PI):</b> Clark, Ashley <b>Co-PI:</b> Lawing, Robert	Urban Institute	<b>Sponsor:</b> Mecklenburg County Community Support Services
<b>Work Plans and Specialty Geotechnical Monitoring Services Appalachian Power Fly Ash Basin Closure Project - Amos Fly Ash Basin Closure</b>	\$50,156	<b>Principal Investigator (PI):</b> Khire, Milind <b>Co-PI:</b> Hardin, Christopher	Civil and Environmental Engineering	<b>Sponsor:</b> R.B. Jergens Contractors, Inc.
<b>Workshop: 2016 NSF Proposal Writing Workshop</b>	\$26,272	<b>Principal Investigator (PI):</b> Schmitz, Tony	Mechanical Engineering and Engineering Science	<b>Sponsor:</b> National Science Foundation (NSF)