

November 18, 2014

The Office of Research and Economic Development is pleased to announce awards received by UNC Charlotte Researchers in the month of October, 2014.

Total amount awarded for the month of October was \$2,271,311

Fiscal Year To Date Total: \$18,653,952

Award Title	Amount	Investigators	PI Dept.	Sponsors
2015 Tech Budget	\$77,382	Principal Investigator (PI): McAllister, George	Small Business Technology Development Center (SBTDC)	Sponsor: North Carolina Small Business and Technology Development Center (NC SBTDC) Prime Sponsor: US Small Business Administration (SBA)
Anson County Community Health Assessment	\$51,544	Principal Investigator (PI): Furuseh, Owen	Metropolitan Studies and Extended Academic Programs	Sponsor: Carolinas HealthCare System Prime Sponsor: Duke Endowment
Burden of Illness Associated with Ischemic Heart Disease	\$52,800	Principal Investigator (PI): Noone, Joshua	Deans Office College of Health and Human Services	Sponsor: Market Access
Enhancing Social Service Research & Evaluation FY15	\$35,207	Principal Investigator (PI): Portwood, Sharon	Public Health Sciences	Sponsor: Mecklenburg County Department of Social Services (DSS)
Establishing Freshman to Senior Bookend Experiences to Provide Academic and Professional Introductions to Standardization	\$67,002	Principal Investigator (PI): Ogle, Michael	Systems Engineering and Engineering Management	Sponsor: National Institute of Science and Technology (NIST)
Exotic optical beam classes for free-space communication and sensing applications	\$37,348	Principal Investigator (PI): Gbur, Gregory	Physics and Optical Science	Sponsor: Department of Defense (DOD) Department of the Air Force (DAF) Air Force Office of Scientific Research (AFOSR)
Gaston County School Board 2014	\$10,000	Principal Investigator (PI): Chesser, John	Urban Institute	Sponsor: Gaston County Schools

Into the wild - Applying wild soybean to dissect the genetic basis of broad-spectrum soybean cyst nematode resistance and tolerance for soybean improvement	\$100,000	Principal Investigator (PI): Song, Bao-Hua	Biological Sciences	Sponsor: North Carolina Biotechnology Center (NCBC)
Keeping Watch- City of Creeks	\$10,000	Principal Investigator (PI): Cammaroto, Crista	Deans Office College of Arts and Architecture	Sponsor: Charlotte Mecklenburg Community Foundation Prime Sponsor: Foundation For The Carolinas (FFTC)
Leveraging Industry Research to Educate a Future Electric Grid Workforce	\$15,000	Principal Investigator (PI): Chowdhury, Badrul Co-PIs: Parkhideh, Babak; Enslin, Johan; Noras, Maciej; Manjrekar, Madhav; Cox, Robert; Cecchi, Valentina; Salami, Zia	Electrical and Computer Engineering	Sponsor: Electric Power Research Institute (EPRI) Prime Sponsor: Department of Energy (DOE)
Malicious Actor Cyber Ecosystem Analysis	\$75,000	Principal Investigator (PI): Al-Shaer, Ehab Co-PI: Chu, Bei-Tseng	Software and Information Systems	Sponsor: Wells Fargo
Mecklenburg County Department of Social Services: Recruitment & Retention Study	\$14,963	Principal Investigator (PI): Herman-Smith, Robert	Social Work	Sponsor: Mecklenburg County Managers Office
Mining Patterns of Substance Use by Young Adults with Social Media Data	\$201,711	Principal Investigator (PI): Ge, Yong Co-PI: Kazemi, Donna	Computer Science	Sponsor: National Institutes of Health (NIH)
Optimizing Student Team Skill Development using Evidence-Based Strategies	\$542,002	Principal Investigator (PI): Woehr, David	Management	Sponsor: Purdue University Prime Sponsor: National Science Foundation (NSF)

Outspoken 2014 featuring Kid Fury & Crissle West	\$2,500	Principal Investigator (PI): Rhodes, Theresa Co-PI: Finley, Kelly	Counseling Center	Sponsor: Alliance for Full Acceptance (AFFA)
Post-Blast Investigative Tools for Structural Forensics by 3D Scene Reconstruction and Advanced Simulation	\$274,012	Principal Investigator (PI): Whelan, Matthew Co-PI: Weggel, David	Civil and Environmental Engineering	Sponsor: National Institute of Justice
PTAC - DLA 2014-2015	\$17,486	Principal Investigator (PI): McAllister, George	Small Business Technology Development Center (SBTDC)	Sponsor: NC Small Business Technology Development Council (SBTDC) Prime Sponsor: Department of Defense (DOD) Defense Logistics Agency
Receptance Coupling Substructure Analysis for Machine Tool Dynamics Modeling	\$22,094	Principal Investigator (PI): Schmitz, Tony	Mechanical Engineering and Engineering Science	Sponsor: Korea Institute of Machinery and Materials (KIMM)
Statistical Methods in HIV Vaccine Efficacy Trials	\$90,246	Principal Investigator (PI): Sun, Yanqing	Mathematics and Statistics	Sponsor: Fred Hutchinson Cancer Research Center Prime Sponsor: Department of Health and Human Services (DHHS), National Institutes of Health (NIH), National Institute of Allergy and Infectious Diseases (NIAID)
Studying Ovarian Cancer Translational Research	\$19,200	Principal Investigator (PI): Mostafavi, M.Taghi	Computer Science	Sponsor: Carolinas Medical Center (CMC)
Support to SURVICE Engineering Phase I SBIR NASA S2.04 Non-Contact Metrology Solutions for Large Optical Telescopes	\$9,122	Principal Investigator (PI): Evans, Christopher	Mechanical Engineering and Engineering Science	Sponsor: Survive Engineering Prime Sponsor: National Aeronautics and Space Administration (NASA), Mission Directorates

Technical Assistance to the North Carolina Department of Public Instruction in the Implementation of the Transportation Information Management System (TIMS) 2014-15	\$198,000	Principal Investigator (PI): Pressley, JoAnne	Urban Institute	Sponsor: North Carolina Department of Public Instruction (NCDPI)
The Intersections Project: Integrating Science and Literacy	\$30,000	Principal Investigator (PI): Brannon, Lilian	English	Sponsor: National Writing Project (NWP) Prime Sponsor: National Science Foundation (NSF)
The UNC Charlotte GAANN Fellowship Program in Computing and Informatics	\$234,795	Principal Investigator (PI): Ras, Zbigniew	Computer Science	Sponsor: US Department of Education (DOED)
United Way of Central Carolinas Collective Impact Study: Year Three	\$83,897	Principal Investigator (PI): Gavarkavich, Diane	Urban Institute	Sponsor: United Way of Central Carolinas