

December 19, 2013

The Office of Research and Economic Development is pleased to announce awards received by UNC Charlotte Researchers in the month of November, 2013.

Total amount awarded for the month of November was \$841,044

Fiscal Year To Date Total: \$18,297,725

Award Title	Amount	Investigators	PI Dept.	Sponsors
2014 Traffic Safety Survey of Municipalities in North and South Carolina	\$6,050	Lead PI: Hauser, Edwin	Center for Transportation Policy Studies	Sponsor: AAA Foundation for Traffic Safety
An Integrative Analysis of Structural Variation for the 1000 Genomes Project	\$9,997	Lead PI: Shi, Xinghua (Mindy)	Bioinformatics and Genomics	Sponsor: Jackson Laboratory Prime Sponsor: National Institutes of Health (NIH)
Antibody Fragment Stability: A Focus on Domain-Domain Interactions	\$99,495	Lead PI: Livesay, Dennis Co-PI: Jacobs, Donald	Bioinformatics and Genomics	Sponsor: MedImmune, Inc.
Assessment of Urban Forests for Water Quality	\$14,000	Lead PI: Tang, Wenwu Co-PIs: Allan, Craig; Clinton, Sandra;	Geography and Earth Sciences	Sponsor: North Carolina Department of Agriculture and Consumer Services (NCDACS) Prime Sponsor: USDA NRE US Forest Service (FS)
Cardiovascular Research Grid - Imaging Informatics Year 3	\$88,555	Lead PI: Ge, Yaorong	Software and Information Systems	Sponsor: Vanderbilt University Medical Center Prime Sponsor: National Institutes of Health (NIH)
Globally Convergent Methods for Solving Coefficient Inverse Problems for Time Dependent Maxwell Equations	\$197,573	Lead PI: Klibanov, Michael	Mathematics and Statistics	Sponsor: DOD/Army/Army Research Office
Mathematical Record Keeping Supports Cognition and Communication (MaRKS)	\$28,993	Lead PI: Fernandes, Anthony	Mathematics and Statistics	Sponsor: Horizons Research, Inc. (HRI) Prime Sponsor: National Science Foundation (NSF)
Mecklenburg County Bar Diversity Study	\$2,000	Lead PI: Simmons, Laura Co-PI: Caratao, Frederick	Urban Institute	Sponsor: Mecklenburg County Bar

Multiple Approaches to Adolescent Vaccine Decision-making	\$10,395	Lead PI: Davis, Boyd	English	Sponsor: University of Oklahoma Prime Sponsor: Health Resources and Services Administration (HRSA)
Overview and Scope of Services for a Collective Measurement System for United Way Programs Serving Children Year 2	\$20,000	Lead PI: Apaliski, Claire	Urban Institute	Sponsor: United Way of Central Carolinas
Sorption Evaluation and Groundwater Modeling for Ash Basin Closure at the Buck Steam Station	\$46,224	Lead PI: Daniels, John	Civil and Environmental Engineering	Sponsor: HDR, Inc.
Technical Assistance to the North Carolina Department of Public Instruction in the Implementation of the Transportation Information Management System (TIMS) 2013-14	\$195,000	Lead PI: Pressley, JoAnne Co-PI: Hart, Kevin	Urban Institute	Sponsor: North Carolina Department of Public Instruction (NCDPI)
Technical Support for DBES Wireless Channel Emulator	\$50,000	Lead PI: Sass, Ronald	Electrical and Computer Engineering	Sponsor: DOD Department of the Navy (DN)
The Intersections Project: Integrating Science and Literacy	\$30,000	Lead PI: Brannon, Lilian	English	Sponsor: National Writing Project (NWP) Prime Sponsor: National Science Foundation (NSF)
Thinking While Doing: Connecting Insight to Innovations in the Construction Sector	\$3,000	Lead PI: Jarrett, Christopher	School of Architecture	Sponsor: Dalhousie University Prime Sponsor: Social Sciences and Humanities Research Council of Canada (SSHRC)
University of North Carolina Defense Applications Group Support for Special Operations Forces	\$23,452	Lead PI: Tolone, William Co-PIs: Ribarsky, Martin; Dou, Wenwen; Wang, Xiaoyu;	Deans Office College of Computing and Informatics	Sponsor: University of North Carolina General Administration (UNC GA) Prime Sponsor: Army Research Office (ARO)
Using Harvestmen to Study the Geologic, Climatic, and Biological History of the Philippines	\$16,310	Lead PI: Clouse, Ronald	Bioinformatics and Genomics	Sponsor: National Geographic Society (NGS)