

October 30, 2014

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

Total amount awarded for the month of September was \$6,045,315

Fiscal Year To Date Total: \$16,382,641

Award Title	Amount	Investigators	PI Dept.	Sponsors
2014 SBA Federal SBTDC Budget	\$1,448	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
Accomplished Teachers of Mathematics and Science	\$18,467	Principal Investigator (PI): McIntyre, Ellen	Deans Office College of Education	Sponsor: North Carolina State University (NC SU) Prime Sponsor: National Science Foundation (NSF)
An Evaluation of the Rapid Resource for Families Intensive Alternative Family Treatment Program (MOA Objectives #1)	\$4,017	Principal Investigator (PI): Boyd, Alice	Social Work	Sponsor: Rapid Resources for Families
An Infection Risk model for predicting a patient's risk of developing CRE infection	\$60,000	Principal Investigator (PI): Fodor, Anthony	Bioinformatics and Genomics	Sponsor: Carolinas HealthCare System
Building Healthy Lifestyles from All Directions	\$128,818	Principal Investigator (PI): Racine, Elizabeth Co-PI: Saunders, William	Public Health Sciences	Sponsor: Cabarrus Partnership for Children Prime Sponsor: North Carolina Partnership for Children (NCPC)
Collaborative Research: I/UCRC for Robots and Sensors for the Human Well-being	\$65,000	Principal Investigator (PI): Xiao, Jing Co-PI: Akella, Srinivas	Computer Science	Sponsor: National Science Foundation (NSF)

Confidential	\$75,000	Principal Investigator (PI): Suleski, Thomas Co-PI: Boreman, Glenn	Physics and Optical Science	Sponsor: Confidential Prime Sponsor: Confidential
Cooperative Research Initiative for Dynamic, Modular, and Multi-Axis Nano-Mechanical Measurements	\$80,000	Principal Investigator (PI): Smith, Stuart	Mechanical Engineering and Engineering Science	Sponsor: National Institute of Science and Technology (NIST)
Core Computer Vision Research: Promoting Paradigm Shifts in Archaeology	\$5,855	Principal Investigator (PI): Willis, Andrew	Electrical and Computer Engineering	Sponsor: Brown University Prime Sponsor: National Science Foundation (NSF)
Duckweed Cultivation to Uptake Nutrients from Ash Pond Leachate and for Production of Biofuel	\$5,000	Principal Investigator (PI): Oza, Shubhashini	Civil and Environmental Engineering	Sponsor: North Carolina Sea Grant Prime Sponsor: Department of Commerce (DOC)
Early Childhood Paraprofessional Preservice Professional Development Project	\$90,000	Principal Investigator (PI): Algozzine, Robert Co-PIs: D'Amico, Mark; Correa, Vivian	Educational Leadership	Sponsor: Department of Education (DOED)
Imaging application of a TAB004-silica nanoparticle conjugate in vivo	\$61,443	Principal Investigator (PI): Dreau, Didier	Biological Sciences	Sponsor: CanDiag Inc. Prime Sponsor: North Carolina Biotechnology Center (NCBC)
Large Optical Windows with High Laser Damage Threshold	\$142,000	Principal Investigator (PI): Aggarwal, Ishwar Co-PI: Poutous, Menelaos	Physics and Optical Science	Sponsor: Department of Defense (DOD) Department of Navy (DN) Naval Research Laboratory
Lhoist North America (LNA) Graduate Student Assistantship: Charlotte Schlesinger	\$17,738	Principal Investigator (PI): Ogunro, Vincent	Civil and Environmental Engineering	Sponsor: L'hoist North America
Materials Characterization Laboratory Services - Master Agreement with Performance Products, Inc.	\$300	Principal Investigator (PI): Weaver, Katherine	Mechanical Engineering and Engineering Science	Sponsor: PBI Performance Products, Inc.

Mecklenburg County Park and Recreation Measuring Outcomes of Park and Recreation 2014	\$3,000	Principal Investigator (PI): Gavarkavich, Diane	Urban Institute	Sponsor: Mecklenburg County Parks and Recreation Department
Modelling and Analysis of Gene Duplication	\$54,341	Principal Investigator (PI): Schlueter, Jessica	Bioinformatics and Genomics	Sponsor: University of Wyoming Prime Sponsor: National Science Foundation (NSF)
National Center and State Collaborative General Supervision Enhancement Grant	\$247,996	Principal Investigator (PI): Wakeman, Shawnee Co-PI: Flowers, Claudia	Special Education and Child Development	Sponsor: University of Minnesota Prime Sponsor: US Department of Education (DOED)
National Technical Assistance Center on Increasing Graduation and Improving Transition to Postsecondary Education and Careers for students with Disabilities	\$2,500,000	Principal Investigator (PI): Test, David	Special Education and Child Development	Sponsor: US Department of Education (DOED)
NC coaching, mentoring, performance evaluation and professional development for birth through kindergarten licensed teachers employed in nonpublic school classrooms (NC Pre-K, Developmental Day)	\$1,305,323	Principal Investigator (PI): Lambert, Richard	Educational Leadership	Sponsor: North Carolina Department of Health and Human Services (NCDHHS)
NC coaching, mentoring, performance evaluation and professional development for birth through kindergarten licensed teachers employed in nonpublic School classrooms (Race to the Top)	\$160,056	Principal Investigator (PI): Lambert, Richard	Educational Leadership	Sponsor: North Carolina Department of Health and Human Services (NCDHHS) Prime Sponsor: US Department of Education (DOED)
NCMHD Advances in Health Disparities Research on Social Determinants of Health	\$106,645	Principal Investigator (PI): Furuseth, Owen Co-PIs: Smith, Heather; Sorensen, Janni; Coffman, Maren	Metropolitan Studies and Extended Academic Programs	Sponsor: Carolinas Medical Ctr Prime Sponsor: Department of Health and Human Services (DHHS)/ National Institutes of Health (NIH)

Numerical Simulations of Turbulent Mixing due to the Richtmyer-Meshkov Instability	\$75,000	Principal Investigator (PI): Ramaprabhu, Praveen	Mechanical Engineering and Engineering Science	Sponsor: Los Alamos National Laboratory (LANL)
Project Early Childhood Special Education Leaders (ECSEL)	\$250,000	Principal Investigator (PI): Correa, Vivian Co-PIs: Baughan, Cynthia; Shue, Pamela	Special Education and Child Development	Sponsor: US Department of Education (DOED)
Proposal for Research Project on Seismic Analyses of Embankment Dams in U.S.	\$27,000	Principal Investigator (PI): Pando, Miguel Co-PI: Park, Youngjin	Civil and Environmental Engineering	Sponsor: Rural Research Institute of Republic of Korea
PTAC - DLA 2014-2015	\$50,211	Principal Investigator (PI): McAllister, George	Small Business Technology Development Center (SBTDC)	Sponsor: North Carolina Small Business Technology Devel Council Prime Sponsor: Department of Defense (DOD) Defense Logistics Agency
SBA 2014 Carry Forward - New Award	\$1,417	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)
Technical Assistance Center on Positive Behavioral Interventions and Supports	\$49,999	Principal Investigator (PI): Algozzine, Robert	Educational Leadership	Sponsor: University of Oregon Prime Sponsor: US Department of Education (DOED)
Tolerancing Standards and Associated Modeling Challenges	\$113,943	Principal Investigator (PI): Morse, Edward	Mechanical Engineering and Engineering Science	Sponsor: Department of Commerce (DOC) National Institute of Standards and Technology (NIST)
University of North Carolina at Charlotte PhD Program 2014	\$249,997	Principal Investigator (PI): Browder-Boswell, Diane	Special Education and Child Development	Sponsor: US Department of Education (DOED)

Youth4Health in Sister-Cities (US-Russia)	\$95,301	Principal Investigator (PI): Long, Sheri Spaine Co-PIs: Gallegos, Joel; Baldwin, Yuliya	Languages and Culture Studies	Sponsor: Department of State (DOS)
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