

January 28, 2014

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

Total amount awarded for the month of October was \$1,624,072

Fiscal Year To Date Total: \$19,921,797

<b>Award Title</b>	<b>Amount</b>	<b>Investigators</b>	<b>Current PI Dept.</b>	<b>Sponsors</b>
<b>2013 SBA Federal SBTDC Budget</b>	\$12,500	<b>Current PI:</b> McAllister, George	Small Business Technology Development Center (SBTDC)	<b>Sponsor:</b> NC Small Business Technology Development Council <b>Prime Sponsor</b> Small Business Administration
<b>2014 Charlotte-Mecklenburg Library Funding Study</b>	\$9,200	<b>Current PI:</b> Caratao, Frederick	Urban Institute	<b>Sponsor:</b> Charlotte-Mecklenburg County Public Library
<b>2014 SBA Federal SBTDC Budget</b>	\$204,439	<b>Current PI:</b> McAllister, George	Small Business Technology Development Center (SBTDC)	<b>Sponsor:</b> North Carolina Small Business and Technology Development Center (NC SBTDC) <b>Prime Sponsor</b> Small Business Administration
<b>A Multilevel mHealth Colorectal Cancer Screening (mCRC) Intervention for Primary Care Practices</b>	\$13,172	<b>Current PI:</b> Troyer, Jennifer	Economics	<b>Sponsor:</b> Wake Forest University Health Sciences <b>Prime Sponsor</b> National Institutes of Health (NIH)
<b>Accessing young Black MSM for HIV prevention through online social networking</b>	\$70,472	<b>Current PI:</b> Rowan, Diana	Social Work	<b>Sponsor:</b> Department of Health and Human Services (DHHS) and Centers for Disease Control and Prevention (CDC)
<b>ASC Fascia 2013/2014</b>	\$3,000	<b>Current PI:</b> Cammaroto, Crista	Deans Office College of Arts and Architecture	<b>Sponsor:</b> City of Charlotte Arts and Science Council
<b>Big-Data Visual Customer Analytics for Identifying Emergent Business Competitive Advantages</b>	\$298,117	<b>Current PI:</b> Wang, Xiaoyu <b>Other Personnel:</b> Hansen, Jared; Ribarsky, Martin; Dou, Wenwen;	Computer Science	<b>Sponsor:</b> Lowe's Companies, Inc.

<b>City of Creeks: Arts &amp; Science FY14 Cultural Project Grant</b>	\$5,000	<b>Current PI:</b> Newsom, Mary	Urban Institute	<b>Sponsor:</b> Arts & Science Council
<b>Cutaneous Sensation and Cognitive Loading in those with CAI, Copers, and Uninjured Controls</b>	\$500	<b>Current PI:</b> Wikstrom, Erik	Kinesiology	<b>Sponsor:</b> Mid Atlantic Athletic Trainers Association (MAATA)
<b>Exceptional Children Regional Positive Behavior Support/ Autism Consultant</b>	\$1,131	<b>Current PI:</b> Algozzine, Robert	Educational Leadership	<b>Sponsor:</b> NC Dept of Public Instruction <b>Prime Sponsor</b> US Department of Education (DOED)
<b>Field-Scale Testing of Hydrology of Water Balance Covers</b>	\$70,000	<b>Current PI:</b> Khire, Milind	Civil and Environmental Engineering	<b>Sponsor:</b> Waste Management, Inc.
<b>I-Corps Team: Commercialization of Video Collaboratory</b>	\$50,000	<b>Current PI:</b> Latulipe, Celine <b>Other Personnel:</b> Wilson, David; Collins, Devin; Huskey, Sybil;	Software and Information Systems	<b>Sponsor:</b> National Science Foundation (NSF)
<b>Investigation of MTP Machining Strategies for GE Energy Parts and Machines</b>	\$150,000	<b>Current PI:</b> Ziegert, John <b>Other Personnel:</b> Smith, Scott	Mechanical Engineering and Engineering Science	<b>Sponsor:</b> General Electric Energy Systems Inc.
<b>Investigation of the Interaction of Multiple Optical Filters with Infrared Spectra of Explosives Bouquet Mixtures and Interferents</b>	\$60,000	<b>Current PI:</b> Aggarwal, Ishwar	Physics and Optical Science	<b>Sponsor:</b> Office of Naval Research (ONR)
<b>IUCRC for Metamaterials</b>	\$55,000	<b>Current PI:</b> Fiddy, Michael	Physics and Optical Science	<b>Sponsor:</b> National Science Foundation (NSF)
<b>Multi-scale and Multi-physics Numerical Methods for Modeling Transport in Mesoscopic Systems</b>	\$101,424	<b>Current PI:</b> Cai, Wei	Mathematics and Statistics	<b>Sponsor:</b> DOD/Army
<b>NCDACS Research Stations - Biofuels Program</b>	\$40,684	<b>Current PI:</b> Parrow, Matthew	Biology	<b>Sponsor:</b> North Carolina Department of Agriculture and Consumer Services (NCDACS)

<b>Numerical Simulations of a laminar Methane-Air Flame</b>	\$14,817	<b>Current PI:</b> Ramaprabhu, Praveen	Mechanical Engineering and Engineering Science	<b>Sponsor:</b> Spectral Energies, LLC <b>Prime Sponsor</b> DOD DAF Air Force Research Laboratory (AFRL)
<b>Public Service Fellowship Arts and Science Council</b>	\$28,188	<b>Current PI:</b> Leland, Suzanne	Political Science and Public Administration	<b>Sponsor:</b> City of Charlotte Arts and Science Council
<b>Public Service Fellowship Mecklenburg County Business Support Services Agency</b>	\$7,825	<b>Current PI:</b> Leland, Suzanne	Political Science and Public Administration	<b>Sponsor:</b> Charlotte-Mecklenburg County Government
<b>Regional EC Consultant, Exceptional Children (Education Consultant II)</b>	\$1,274	<b>Current PI:</b> Algozzine, Robert	Educational Leadership	<b>Sponsor:</b> NC Dept of Public Instruction <b>Prime Sponsor</b> US Department of Education (DOED)
<b>SBA 2014 Carry Forward - New Award</b>	\$151,057	<b>Current PI:</b> McAllister, George	Small Business Technology Development Center (SBTDC)	<b>Sponsor:</b> North Carolina Small Business and Technology Development Center (NC SBTDC) <b>Prime Sponsor</b> US Small Business Administration (SBA)
<b>SBAJobsAct</b>	\$3,041	<b>Current PI:</b> McAllister, George	Small Business Technology Development Center (SBTDC)	<b>Sponsor:</b> US Small Business Administration (SBA)
<b>Scaling Up Composting in the Charlotte Region</b>	\$11,957	<b>Current PI:</b> Clinton, Sandra	Geography and Earth Sciences	<b>Sponsor:</b> GreenBlue <b>Prime Sponsor</b> Environmental Protection Agency (EPA)
<b>School Pride Program, 2013-2014--Evaluation Plan for Cam Newton Foundation</b>	\$6,518	<b>Current PI:</b> Racine, Elizabeth	Public Health Sciences	<b>Sponsor:</b> Cam Newton Foundation (CNF)
<b>Sensory-Targeted Ankle Rehabilitation (STARS)</b>	\$18,990	<b>Current PI:</b> Wikstrom, Erik	Kinesiology	<b>Sponsor:</b> Ithaca College <b>Prime Sponsor</b> NIH National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMSD)

<b>Storage Integration Project</b>	\$15,505	<b>Current PI:</b> Kamalasadan, Sukumar <b>Other Personnel:</b> Enslin, Johan; Cecchi, Valentina;	Electrical and Computer Engineering	<b>Sponsor:</b> Duke Energy Corporation
<b>SWIFT Technical Assistance Center for Inclusive School-Wide Reform</b>	\$150,000	<b>Current PI:</b> Algozzine, Robert	Educational Leadership	<b>Sponsor:</b> University of Kansas <b>Prime Sponsor</b> US Department of Education (DOED)
<b>Technical Assistance Center on Positive Behavioral Interventions and Supports</b>	\$49,999	<b>Current PI:</b> Algozzine, Robert	Educational Leadership	<b>Sponsor:</b> University of Oregon <b>Prime Sponsor</b> US Department of Education (DOED)
<b>Understanding and Improving Environmental Decisions</b>	\$20,262	<b>Current PI:</b> Peterson, Nicole	Anthropology	<b>Sponsor:</b> Columbia University <b>Prime Sponsor</b> National Science Foundation (NSF)