

January 28, 2015

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

Total amount awarded for the month of December was \$1,804,186

Fiscal Year To Date Total: \$22,468,360

Award Title	Amount	Investigators	PI Dept.	Sponsors
<i>Accessing young Black MSM for HIV prevention through online social networking</i>	\$70,472	Principal Investigator (PI): Rowan, Diana	School of Social Work	Sponsor: Department of Health and Human Services (DHHS) Centers for Disease Control (CDC)
<i>Building Healthy Lifestyles from All Directions</i>	\$37,938	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)
<i>Classroom Central Outcome Evaluation 2015</i>	\$9,000	Principal Investigator (PI): Gavarkavich, Diane Co-PI: Zachary, Lauren	Urban Institute	Sponsor: Classroom Central
<i>Collecting statewide post-school follow-up data for North Carolina special education students</i>	\$99,838	Principal Investigator (PI): Test, David Co-PI: Flowers, Claudia	Special Education and Child Development	Sponsor: North Carolina Department of Public Instruction (NCDPI)
<i>Comparative Evaluation of Variable Speed Drives and Motor Technologies for Compressor Applications</i>	\$107,974	Principal Investigator (PI): Manjrekar, Madhav	Electrical and Computer Engineering	Sponsor: Ingersoll Rand Company
<i>Corrosion Testing of 304L SS & 316L SS</i>	\$19,834	Principal Investigator (PI): Oza, Shubhashini Co-PI: Keen, Olya; Guyer, Regina	Civil and Environmental Engineering	Sponsor: Geosyntec Consultants, Inc.
<i>Cost of Independent Bicycle and Pedestrian Facilities (NC)</i>	\$99,366	Principal Investigator (PI): Pulugurtha, Srinivas Co-PI: Chesser, John	Civil and Environmental Engineering	Sponsor: North Carolina Department of Transportation (NCDOT) Prime Sponsor: Federal Highway Administration (FHWA)

<i>Evaluation Assistantship</i>	\$6,700	Principal Investigator (PI): Cook, James Co-PI: Kilmer, Ryan	Psychology	Sponsor: Thompson Child and Family Focus
<i>Evaluation of Benefit Weight Factors and Decision Trees for Automated Distress Data Models</i>	\$61,056	Principal Investigator (PI): Chen, Dong Co-PIs: Hildreth, John; Nicholas, Thomas	Engineering Technology and Construction Management	Sponsor: North Carolina Department of Transportation (NCDOT) Prime Sponsor: Federal Highway Administration (FHWA)
<i>Evaluation of Porcelain Post Insulator</i>	\$2,498	Principal Investigator (PI): Young, David	Civil and Environmental Engineering	Sponsor: Electric Power Research Institute (EPRI)
<i>Exceptional Children Regional Positive Behavior Support/ Autism Consultant</i>	\$4,140	Principal Investigator (PI): Algozzine, Robert	Educational Leadership	Sponsor: NC Dept of Public Instruction Prime Sponsor: US Department of Education (DOED)
<i>First Phase of Development of a Low-Cost, Portable, and Rapid Nondestructive Inspection Tool for Wood Distribution Poles</i>	\$97,935	Principal Investigator (PI): Whelan, Matthew Co-PI: Young, David	Civil and Environmental Engineering	Sponsor: Duke Energy Corporation
<i>Hindu Gay Bisexual Oral Histories: Dharma, Faith, Culture and Traditional Values</i>	\$60,000	Principal Investigator (PI): White, J.Daniel	Religious Studies	Sponsor: E. Rhodes and Leona B. Carpenter Foundation
<i>Industrial membership fees for the NSF IUCRC Award - SIBS Industry Funds</i>	\$265,000	Principal Investigator (PI): Cox, Robert	Electrical and Computer Engineering	Sponsor: All Other Business and Industry
<i>Keeping RNs to Improve and Strengthen Population Health (KRISP)</i>	\$46,507	Principal Investigator (PI): Issel, Michele	Public Health Sciences	Sponsor: University of Illinois at Chicago (UIC) Prime Sponsor: Health Resources and Services Administration (HRSA)

<i>Leveraging Industry Research to Educate a Future Electric Grid Workforce</i>	\$14,562	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)
<i>Materials Characterization Laboratory Services - Master Agreement with BSN Medical, Inc.</i>	\$396	Principal Investigator (PI): Weaver, Katherine	Mechanical Engineering and Engineering Science	Sponsor: BSN Medical
<i>Midterm evaluation of the Minority Science and Engineering Improvement Program (MSEIP) project</i>	\$5,000	Principal Investigator (PI): Dika, Sandra	Educational Leadership	Sponsor: University of Puerto Rico Mayaguez Campus Prime Sponsor: US Department of Education (DOED)
<i>MPA Graduate Student Fellowship: City of Concord Budget Office</i>	\$8,382	Principal Investigator (PI): Leland, Suzanne	Political Science and Public Administration	Sponsor: City of Concord
<i>Multifunctional Nanoparticles for Combinational Therapy of Pancreatic Cancer</i>	\$437,210	Principal Investigator (PI): Vivero-Escoto, Juan Luis Co-PI: Mukherjee, Pinku	Chemistry	Sponsor: National Institutes of Health (NIH)
<i>Noise and Vibration Analysis of Pumps for Medical Devices</i>	\$33,000	Principal Investigator (PI): Schmidt, Peter Co-PI: Handy, Rodney	Engineering Technology and Construction Management	Sponsor: Parker Hannifin Corporation
<i>PG&E Demand Response Forecasting using Smart Meter Data</i>	\$16,800	Principal Investigator (PI): Hong, Tao	Systems Engineering and Engineering Management	Sponsor: KEMA, Inc. (DNV GL)
<i>Predictive Cancer Diagnostics and Therapy Response</i>	\$100,238	Principal Investigator (PI): Mukherjee, Pinku	Biological Sciences	Sponsor: Massachusetts General Hospital Prime Sponsor: National Institutes of Health (NIH) National Cancer Institute (NCI)

<i>Projective Eye Gallery: Icarus</i>	\$6,500	Principal Investigator (PI): Cammaroto, Crista	Deans Office College of Arts and Architecture	Sponsor: North Carolina Arts Council
<i>Regional EC Consultant, Exceptional Children (Education Consultant II)</i>	\$426	Principal Investigator (PI): Algozzine, Robert	Educational Leadership	Sponsor: NC Dept of Public Instruction Prime Sponsor: US Department of Education (DOED)
<i>Sorption Evaluation for Ash Basin Closure at the H. B. Robinson Steam Station</i>	\$31,849	Principal Investigator (PI): Langley, William Co-PIs: Oza, Shubhashini; Kaushik, Tryambak	Civil and Environmental Engineering	Sponsor: HDR, Inc.
<i>Spatial Analysis of Priority Attention Housing (PAH) Development Projects in the Urban Area of Cali - Colombia</i>	\$29,600	Principal Investigator (PI): Thill, Jean-Claude Co-PI: Quinones Dominguez, Mauricio	Geography and Earth Sciences	Sponsor: Lincoln Institute of Land Policy
<i>SWIFT Technical Assistance Center for Inclusive School- Wide Reform</i>	\$50,000	Principal Investigator (PI): Algozzine, Robert	Educational Leadership	Sponsor: University of Kansas Prime Sponsor: US Department of Education (DOED)
<i>The Butterfly Highway: Connecting People and Nature</i>	\$33,673	Principal Investigator (PI): Sorensen, Janni Co-PI: Gagne, Sara	Geography and Earth Sciences	Sponsor: National Fish and Wildlife Foundation (NFWF) Prime Sponsor: Bank of America
<i>The Ethics of Drone Strikes: Does Reducing the Cost of Conflict Encourage War?</i>	\$13,593	Principal Investigator (PI): Walsh, James	Political Science and Public Administration	Sponsor: Department of Defense (DOD) Department of Army (DA) Army War College
<i>Thinking While Doing</i>	\$21,900	Principal Investigator (PI): Snyder, Gregory Co-PIs: Jarrett, Christopher; Preiss, Richard	School of Architecture	Sponsor: Dalhousie University Prime Sponsor: Natural Sciences and Engineering Research Council
<i>Workshop: 2015 NSF Proposal Writing Workshop; Charlotte, North Carolina, June 8, 2015</i>	\$12,799	Principal Investigator (PI): Schmitz, Tony	Mechanical Engineering and Engineering Science	Sponsor: National Science Foundation (NSF)