

February 23, 2016

The Office of Research and Economic Development is pleased to announce awards received by UNC Charlotte Researchers in the month of January, 2016.

Total amount awarded for the month of January was \$752,503

Fiscal Year To Date Total: \$25,997,559

Award Title	Amount	Investigators	PI Dept.	Sponsors
2015 BRFSS Community Survey	\$65,000	Principal Investigator (PI): Gavarkavich, Diane	Urban Institute	Sponsor: Mecklenburg County Health Department
31st Summer Conference on Topology and its Applications	\$31,200	Principal Investigator (PI): Dow, Alan	Mathematics and Statistics	Sponsor: National Science Foundation (NSF)
7th Annual NASA Robotic Mining Competition - Senior Design Grant	\$2,000	Principal Investigator (PI): Browne, Aidan	Engineering Technology and Construction Management	Sponsor: North Carolina Space Grant Consortium (NC Space Grant) Prime Sponsor: National Aeronautics and Space Administration (NASA)
7th Annual NASA Robotic Mining Competition - Team Competition Grant	\$5,000	Principal Investigator (PI): Browne, Aidan	Engineering Technology and Construction Management	Sponsor: North Carolina Space Grant Consortium (NC Space Grant) Prime Sponsor: National Aeronautics and Space Administration (NASA)
A generalized platform to evaluate mid spatial frequency error reduction, polishing MRRs and finish.	\$25,990	Principal Investigator (PI): Mullany, Brigid	Mechanical Engineering and Engineering Science	Sponsor: University of Rochester Prime Sponsor: All Other Business and Industry
Achieve 225 Evaluation Plan	\$21,000	Principal Investigator (PI): Racine, Elizabeth	Public Health Sciences	Sponsor: Charlotte Mecklenburg Schools Prime Sponsor: US Department of Education (DOED)
An Evaluation of Girl Talk Foundation, Inc. Programs: Secondary Data Analysis	\$5,696	Principal Investigator (PI): Boyd, Suzanne	School of Social Work	Sponsor: Girl Talk Foundation

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Collecting Statewide Post-School Follow-up Data for North Carolina Special Education Students	\$99,838	Principal Investigator (PI): Test, David Co-PI: Flowers, Claudia	Special Education and Child Development	Sponsor: North Carolina Department of Public Instruction (NCDPI) Prime Sponsor: US Department of Education (DOED)
ECE Electroluminescence Characterization (ELC) unit for electronic devices Senior Design Project	\$2,000	Principal Investigator (PI): BouSaba, Nabila	Electrical and Computer Engineering	Sponsor: North Carolina Space Grant Consortium (NC Space Grant) Prime Sponsor: National Aeronautics and Space Administration (NASA)
Evaluation Assistantship	\$6,657	Principal Investigator (PI): Cook, James Co-PI: Kilmer, Ryan	Psychology	Sponsor: Thompson Child and Family Focus
GRIN lenses Diamond Turned Flat	\$1,631	Principal Investigator (PI): Owen, Joseph Co-PI: Davies, Matthew	Mechanical Engineering and Engineering Science	Sponsor: PolymerPlus LLC
IUCRC CeFO A multidisciplinary technology: enabling freeform surfaces in optical systems	\$18,107	Principal Investigator (PI): Davies, Matthew	Mechanical Engineering and Engineering Science	Sponsor: University of Rochester Prime Sponsor: National Science Foundation (NSF)
Materials Characterization Laboratory Services - Master Agreement with Duke University	\$1,370	Principal Investigator (PI): Weaver, Katherine	Mechanical Engineering and Engineering Science	Sponsor: Duke University
Materials Characterization Laboratory Services - Master Agreement with Duke University	\$803	Principal Investigator (PI): Weaver, Katherine	Mechanical Engineering and Engineering Science	Sponsor: Duke University
Materials Characterization Laboratory Services - Master Agreement with Performance Products, Inc.	\$500	Principal Investigator (PI): Weaver, Katherine	Mechanical Engineering and Engineering Science	Sponsor: PBI Performance Products, Inc.
MPA Fellowship	\$20,860	Principal Investigator (PI): Leland, Suzanne	Political Science and Public Administration	Sponsor: City of Charlotte Chamber of Commerce

Award Title	Amount	Investigators	PI Dept.	Sponsors
Natural Resources and Armed Conflict	\$36,731	Principal Investigator (PI): Walsh, James Co-PIs: Whitaker, Beth; Conrad, Justin	Political Science and Public Administration	Sponsor: Department of Defense (DOD)
North Carolina New Teacher Support Program	\$90,090	Principal Investigator (PI): Cowan-Hathcock, Misty Co-PI: Sykes, Melissa	Office of Field Experience	Sponsor: University of North Carolina General Administration (UNC GA) Prime Sponsor: Z Smith Reynolds Foundation
Optimizing Student Team Skill Development using Evidence-Based Strategies	\$8,910	Principal Investigator (PI): Woehr, David	Management	Sponsor: Purdue University Prime Sponsor: National Science Foundation (NSF)
Public Service Fellowship Charlotte Works	\$20,689	Principal Investigator (PI): Leland, Suzanne	Political Science and Public Administration	Sponsor: Charlotte Works
Reducing Obesity in African American Women through Lifestyle Enhancement	\$1,500	Principal Investigator (PI): DeHaven, Mark	Public Health Sciences	Sponsor: University of North Texas Health Science Center at Fort Worth Prime Sponsor: National Institutes of Health (NIH) National Center on Minority Health and Health Disparities (NCMHD)
Research Area 9.2: Microstructural and Mechanical Characterization of Lightweight Metals and Alloys with Coarse and Ultrafine-Grained Microstructures	\$30,000	Principal Investigator (PI): Wei, Qiuming	Mechanical Engineering and Engineering Science	Sponsor: Department of Defense (DOD) Department of the Army (DA) Army Research Office (ARO)
Science of Security Lablet	\$29,638	Principal Investigator (PI): Al-Shaer, Ehab	Software and Information Systems	Sponsor: North Carolina State University (NCSU) Prime Sponsor: Department of Defense (DOD) National Security Agency (NSA)

Award Title	Amount	Investigators	PI Dept.	Sponsors
SOA Educational Institutional Grant	\$5,000	Principal Investigator (PI): Shaban, Wafaa	Mathematics and Statistics	Sponsor: Society of Actuaries (SOA)
Technical Assistance Center on Positive Behavioral Interventions and Supports	\$99,999	Principal Investigator (PI): Algozzine, Robert	Educational Leadership	Sponsor: University of Oregon Prime Sponsor: US Department of Education (DOED)
Tolerancing Standards and Associated Modeling Challenges	\$114,294	Principal Investigator (PI): Morse, Edward	Mechanical Engineering and Engineering Science	Sponsor: Department of Commerce (DOC) National Institute of Standards and Technology (NIST)
UNC Charlotte ECE SoutheastCon 2016 Hardware Competition	\$5,000	Principal Investigator (PI): BouSaba, Nabila	Electrical and Computer Engineering	Sponsor: North Carolina Space Grant Consortium (NC Space Grant) Prime Sponsor: National Aeronautics and Space Administration (NASA)
UNC Charlotte NC Science Festival	\$500	Principal Investigator (PI): Wickliff, Alisa	Center for STEM Education	Sponsor: Morehead Planetarium and Science Center Prime Sponsor: University of North Carolina General Administration (UNC GA)
UNC Charlotte North Carolina Science Festival Events.	\$2,500	Principal Investigator (PI): Hathaway, James	Research and Economic Development	Sponsor: Morehead Planetarium and Science Center Prime Sponsor: University of North Carolina General Administration (UNC GA)