

November 17, 2015

The Office of Research and Economic Development is pleased to announce awards received by UNC Charlotte Researchers in the month of October, 2015.

Total amount awarded for the month of October was \$2,998,609

Fiscal Year To Date Total: \$22,525,526

Award Title	Amount	Investigators	PI Dept.	Sponsors
2016 Tech Budget	\$77,304	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)
Cabarrus County CDC REACH Evaluation	\$80,000	Principal Investigator (PI): Racine, Elizabeth	Public Health Sciences	Sponsor: Cabarrus County Prime Sponsor: Centers for Disease Control and Prevention (CDC)
CABARRUS STARS - Minority Youth Violence Prevention: Integrating Public Health and Community Policing Approaches	\$30,000	Principal Investigator (PI): Turner, Michael	Criminal Justice and Criminology	Sponsor: Cabarrus Health Alliance Prime Sponsor: Department of Health and Human Services (DHHS)
Collaborative Project: Carolina Cyber Defender Scholarship	\$752,161	Principal Investigator (PI): Chu, Bei-Tseng Co-PIs: Al-Shaer, Ehab; Lipford, Heather; Shehab, Mohamed; Wang, Weichao; Wu, Xintao	Software and Information Systems	Sponsor: National Science Foundation (NSF)
Collaborative Research: IUCRC Center for Configuration Analytics and Automation	\$140,550	Principal Investigator (PI): Al-Shaer, Ehab Co-PI: Chu, Bei-Tseng	Software and Information Systems	Sponsor: National Science Foundation (NSF)
Evaluation of Mechanical Behavior in Racking of Structural Insulated Panels (One Half Magnesium Oxide)	\$7,337	Principal Investigator (PI): Young, David	Civil and Environmental Engineering	Sponsor: MaxLife, LLC

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Guide for Utilization Measurement and Management of Fleet Equipment	\$15,893	Principal Investigator (PI): Fan, Wei	Civil and Environmental Engineering	Sponsor: Washington State University Prime Sponsor: National Academy of Sciences
Heat Improvement Analysis for North Carolina Electric Generating Units	\$55,000	Principal Investigator (PI): Causey, F. Co-PIs: Khire, Milind; Sarunac, Nenad	Energy Production and Infrastructure Center	Sponsor: North Carolina Department of Environment and Natural Resources Division of Air Quality (NCDENR)
IPA- Program Manager for the Advances in Biological Informatics Program in the BIO Division of the National Science Foundation.	\$165,395	Principal Investigator (PI): Weller, Jennifer	Bioinformatics and Genomics	Sponsor: National Science Foundation (NSF)
La Compania de Terrenos y Aguas de la Baja California, S.A.: An Environmental Enterprise Shaping the Lower Colorado River Region, 1900-1962	\$2,500	Principal Investigator (PI): Andres, Benny	History	Sponsor: Arizona Historical Society
Laser Damage Threshold Tester for testing large windows and components for HEL.	\$399,419	Principal Investigator (PI): Aggarwal, Ishwar Co-PIs: Major, Kevin; Poutous, Menelaos	Physics and Optical Science	Sponsor: Department of Defense (DOD) Department of the Navy (DN) Office of Naval Research (ONR)
Light Control Spacer 45-32800-36	\$4,628	Principal Investigator (PI): Owen, Joseph Co-PI: Davies, Matthew	Mechanical Engineering and Engineering Science	Sponsor: Magic Leap Inc.
Maximizing the Impact of ePHIM in Low-Income, Multiethnic Populations	\$14,167	Principal Investigator (PI): Latulipe, Celine	Software and Information Systems	Sponsor: Wake Forest University Health Sciences Prime Sponsor: Agency for Healthcare Research and Quality (AHRQ)

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Microbiome-mediated weight, anxiety, and stress dysregulation in anorexia nervosa.	\$10,700	Principal Investigator (PI): Fodor, Anthony	Bioinformatics and Genomics	Sponsor: University of North Carolina at Chapel Hill (UNC-CH) Prime Sponsor: National Institutes of Health (NIH)
Numerical Simulations of Turbulent Mixing due to the Richtmyer-Meshkov Instability	\$75,414	Principal Investigator (PI): Ramaprabhu, Praveen	Mechanical Engineering and Engineering Science	Sponsor: Los Alamos National Laboratory (LANL)
Patient journey analysis for Medicare patients who receive intraocular injections	\$19,974	Principal Investigator (PI): Noone, Joshua Co-PI: Zacherle, Emily	Deans Office College of Health and Human Services	Sponsor: IMS Health
Rail Workforce Assessment Study	\$15,680	Principal Investigator (PI): Causey, F. Co-PIs: Johnson, Maryalicia; Guyer, Regina; Hudson, Rick	Energy Production and Infrastructure Center	Sponsor: North Carolina Department of Transportation (NCDOT)
Reedy Creek Restoration Study - Phase I	\$249,012	Principal Investigator (PI): Clinton, Sandra	Geography and Earth Sciences	Sponsor: City of Charlotte Storm Water Services
Review of the Organization of the Southwest Prosperity Zone (NC)	\$8,000	Principal Investigator (PI): Apaliski, Claire	Urban Institute	Sponsor: CharlotteWorks
SBA Federal SBTDC Budget for the 2016 Program Year	\$283,347	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)
Seamless Transfer: Essential but Elusive	\$50,000	Principal Investigator (PI): Lorden, Joan Co-PI: Smail, John	Academic Affairs	Sponsor: University of North Carolina General Administration (UNC GA)
Structural Features of Specificity in Protein-DNA Recognition	\$342,125	Principal Investigator (PI): Guo, Jun-tao	Bioinformatics and Genomics	Sponsor: National Institutes of Health (NIH)

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Take Ten Initiative: Qualitative Data Collection and Evaluation	\$24,003	Principal Investigator (PI): Gavarkavich, Diane	Urban Institute	Sponsor: City of Charlotte Prime Sponsor: John S and James L Knight Foundation
Thinking While Doing	\$51,000	Principal Investigator (PI): Snyder, Gregory	School of Architecture	Sponsor: Dalhousie University Prime Sponsor: Natural Sciences and Engineering Research Council
UNC Charlotte Collegiate Recovery Community Enhancement Project	\$125,000	Principal Investigator (PI): Dooley, Beau	Center for Wellness Promotion	Sponsor: University of North Carolina General Administration (UNC GA) Prime Sponsor: North Carolina Department of Health and Human Services (NCDHHS) Division of Mental Health, Developmental Disabilities and Substance Abuse Services (MHDDSAS)