

Thursday, May 28, 2015

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

Total amount awarded for the month of April was \$2,678,165

Fiscal Year to Date Total: \$34,772,146.00

Award Title	Amount	Investigators	PI Dept.	Sponsors
2015 Cultural Competence Surveys--Cardinal Innovations	\$20,000	Principal Investigator (PI): Caratao, Frederick	Urban Institute	Sponsor: Cardinal Innovations Healthcare Solutions
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)
Adult Outcomes of Youth Formerly in Mecklenburg County Medicaid-funded Child Behavioral Health Services: The Role of Transition Services	\$12,600	Principal Investigator (PI): Haber, Mason Co-PI: Kilmer, Ryan	Psychology	Sponsor: Institute for Social Capital (ISC)
AISL: Collaborative: Innovations in Development: Community-Driven Projects That Adapt Technology for Environmental Learning in Nature Preserves	\$251,813	Principal Investigator (PI): Maher, Mary Co-PI: Grace, Kazjon	Software and Information Systems	Sponsor: National Science Foundation (NSF)
Collaborative Project: Carolina Cyber Defender Scholarship	\$147,000	Principal Investigator (PI): Chu, Bei-Tseng	Software and Information Systems	Sponsor: National Science Foundation (NSF)
Confidential	\$202,123	Principal Investigator (PI): Fiddy, Michael	Physics and Optical Science	Sponsor: Confidential Prime Sponsor: Confidential
Confidential	\$42,520	Principal Investigator (PI): Fiddy, Michael	Physics and Optical Science	Sponsor: Confidential Prime Sponsor: Confidential

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Diet, Obesity and the Etiology of Diverticulosis	\$54,995	Principal Investigator (PI): Fodor, Anthony	Bioinformatics & Genomics	Sponsor: University of North Carolina at Chapel Hill (UNC-CH) Prime Sponsor: National Institutes of Health (NIH)
DOS English Language Specialist Award to Nepal and India Summer 2015.	\$18,144	Principal Investigator (PI): Salas, Spencer	Middle, Secondary and K-12 Education	Sponsor: Georgetown University Prime Sponsor: Department of State (DOS)
Evaluation Assistantship	\$11,442	Principal Investigator (PI): Cook, James Co-PI: Kilmer, Ryan	Psychology	Sponsor: Thompson Child and Family Focus
Field-Scale Testing of Hydrology of Water Balance Covers	\$53,500	Principal Investigator (PI): Khire, Milind	Civil and Environmental Engineering	Sponsor: Waste Management, Inc.
Groundwater Model for Ash Basin Closure at the H. B. Robinson Steam Station	\$28,299	Principal Investigator (PI): Langley, William Co-PI: Oza, Shubhashini	Civil and Environmental Engineering	Sponsor: HDR Engineering, Inc of the Carolinas
Illuminating the Afterlife of Ancient Apocryphal Jewish Literature	\$53,366	Principal Investigator (PI): Reeves, John	Religious Studies	Sponsor: American Council of Learned Societies (ACLS)
Implementing a Public Health Approach to Parenting Education	\$2,175	Principal Investigator (PI): Herman-Smith, Robert	School of Social Work	Sponsor: Charlotte Mecklenburg County
Improved Data for Mechanistic-Empirical Pavement Design for Concrete Pavements	\$6,000	Principal Investigator (PI): Cavalline, Tara Co-PI: Tempest, Brett	Engineering Technology and Construction Management	Sponsor: North Carolina Department of Transportation (NCDOT) Prime Sponsor: Federal Highway Administration (FHWA)
Industrial membership fees for the UNC Charlotte Site of I/UCRC Robots and Sensors for the Human Well-being	\$70,000	Principal Investigator (PI): Xiao, Jing	Computer Science	Sponsor: All Other Business and Industry

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Integrated biomarkers for environmental monitoring and assessment of the impacts of the global climate change in Lake Baikal ecosystem	\$50,000	Principal Investigator (PI): Sokolova, Inna Co-PI: Ivanina, Anna	Biological Sciences	Sponsor: US Civilian Research and Development Foundation Prime Sponsor: National Science Foundation (NSF)
IUCRC for Metamaterials	\$42,165	Principal Investigator (PI): Astratov, Vasily	Physics and Optical Science	Sponsor: National Science Foundation (NSF)
Leveraging Industry Research to Educate a Future Electric Grid Workforce	\$33,130	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)
Modeling the Impact of Science Policies on Scientific Workforce Growth	\$54,593	Principal Investigator (PI): Dou, Wenwen Co-PI: Ribarsky, Martin	Deans Office College of Computing and Informatics	Sponsor: Pacific Northwest National Laboratory (PNNL) Prime Sponsor: Department of Energy (DOE)
Natural Resources and Armed Conflict	\$123,576	Principal Investigator (PI): Walsh, James Co-PI: Thill, Jean-Claude	Political Science and Public Administration	Sponsor: Department of Defense (DOD)
Oral History Interviews as a Coalition Building Tool	\$2,500	Principal Investigator (PI): Sorensen, Janni Co-PI: Bengle, Tara	Geography and Earth Sciences	Sponsor: Foundation For The Carolinas (FFTC)
Programmatic Initiatives Support	\$1,200	Principal Investigator (PI): Lewis, Chance	Middle, Secondary and K-12 Education	Sponsor: I Dream Academy
Proving Words with Stones: Chromatius of Aquileia and the Making of an Urban Christianity	\$1,500	Principal Investigator (PI): McEachnie, Robert	History	Sponsor: North American Patristics Society (NAPS)

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REU Site: Biology and Biotechnology Undergraduate Research Experience (BITURE)	\$323,955	Principal Investigator (PI): Richardson, Christine Co-PI: Bullock, Sharon	Biological Sciences	Sponsor: National Science Foundation (NSF)
Set-theoretic methods and the study of compact spaces	\$59,953	Principal Investigator (PI): Dow, Alan	Mathematics and Statistics	Sponsor: National Science Foundation (NSF)
Sorption, Leaching, and Hydrous Ferric Oxide Determination for Groundwater Assessment Work Plans	\$398,809	Principal Investigator (PI): Langley, William Co-PIs: Daniels, John; Oza, Shubhashini	Civil and Environmental Engineering	Sponsor: Synterra Ltd.
The Charlotte Initiative: Principles for Permanent Acquisition of eBooks for Libraries	\$271,000	Principal Investigator (PI): Hamaker, Charles Co-PIs: Bradley, Alison; Siler, Elizabeth; Hoon, Peggy	Library Collection Dev and Elec Resorces	Sponsor: Andrew W Mellon Foundation
Thermal Resistivity of Backfill using IEEE 442-03	\$9,500	Principal Investigator (PI): Khire, Milind Co-PI: Guyer, Regina	Civil and Environmental Engineering	Sponsor: ABB, Inc.
Tolerancing Standards and Associated Modeling Challenges	\$111,859	Principal Investigator (PI): Morse, Edward	Mechanical Engineering and Engineering Science	Sponsor: DOC National Institute of Standards and Technology (NIST)
Toward Machine and Problem Oblivious Graph Analysis	\$50,000	Principal Investigator (PI): Saule, Erik	Computer Science	Sponsor: National Consortium for Data Science
TWC: Small: Collaborative: Discovering Software Vulnerabilities through Interactive Static Analysis	\$8,000	Principal Investigator (PI): Lipford, Heather Co-PI: Chu, Bei-Tseng	Software and Information Systems	Sponsor: National Science Foundation (NSF)
UNC Charlotte Writing Project SEED Grant	\$10,000	Principal Investigator (PI): Brannon, Lilian	English	Sponsor: National Writing Project (NWP) Prime Sponsor: US Department of Education (DOED)

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UNCC/Burkert/2015 Wireless Sensor Network for Valve Monitoring	\$131,448	Principal Investigator (PI): Nasipuri, Asis Co-PIs: Rodriguez-Medina, Bienvenido; Conrad, James; Cox, Robert	Electrical and Computer Engineering	Sponsor: Burkert Contromatic Corp