URC Faculty Research Fellowship Awardees – FY2018

Theresa Anasti  
Department of Sociology, Anthropology, Criminal Justice, and Social Work  
*Street-Level Bureaucrats and Service Provision to Individuals Currently and Formerly Involved in the Sex Trade*

Osman Aydas  
Department of Decision and Information Sciences  
*Modeling and Evaluation of Alternative Short-Term Nurse Schedule Adjustment Strategies*

Anica Bowe  
Department of Teacher Development and Educational Studies  
*Understanding Barriers to Parent Involvement their child’s schooling within a Bahamian community*

Aycil Cesmelioglu  
Department of Mathematics and Statistics  
*Computational Solutions of a Multi-Physics Problem in Geosciences*

Myung Choi  
Department of Human Movement Science  
*Does It Matter How Slow or Fast You WALK? Regulation of Walking Speeds on Fat Metabolism in Obese Individuals*

Caress Dean  
Department of Public and Environmental Wellness  
*Improving Michigan Residents’ Cardiovascular Health*

Daniel DelVescovo  
Department of Mechanical Engineering  
*Developing an Ignition Delay Correlation for 3-Component Gasoline-Surrogate Fuel Blends for Auto-Ignition Prediction*

Caitlin Demsky  
Department of Management & Marketing  
*Thriving Amongst Negativity: The Role of Energizing Relationships as a Buffer of Workplace Incivility*

Rebekah Farrugia  
Department of Communication and Journalism  
*From Dilla Day to Denim Day: Identifying the intersections of Hip Hop, Politics, and Community Work in Detroit*

Sergey Golovashchenko  
Department of Mechanical Engineering  
*Cutting of Ultra-High Strength Steel*

Kevin Grimm  
Department of English  
*The Prisoner of the Book: The Modern Scholarly Editions of Sir Thomas Malory’s Morte Darthur*

Michelle Hammond  
Department of Management and Marketing  
*Leader Identity Development across Domains*
Joyce Havstad  
Department of Philosophy  
*Fossils with Feathers and Philosophy of Science*

Jeffrey Insko  
Department of English  
*Blogging the Anthropocene*

Wendi Johnson  
Department of Sociology, Anthropology, Criminal Justice, and Social Work  
*Child Support Policy, Family Complexity, and Intimate Partner Violence*

Rebecca Josephy  
Department of Modern Languages and Literatures  
*Tracing the Biblical Origins of Sherlock Holmes: The French Connection*

Lisa Levinson  
Department of Linguistics  
*The Processing of Implicit Objects*

Yan Li  
Department of History  
“For Internal Use Only”: Restricted Books in the People’s Republic of China, 1960-76

Wing-Yue Louie  
Department of Electrical and Computer Engineering  
*Teaching Robots to Collaborate During a Physical Task*

Khalid Mahmood  
Department of Computer Science and Engineering  
Ontology Driven and Deep Learning based Decision Support System for the Prediction of Brain Aneurysms

Nasim Nezamoddini  
Department of Industrial and Systems Engineering  
*Exploring Smart Supply Chain Management based on Internet of Things Solutions*

Ravi Parameswaran  
Department of Management and Marketing  
*Country Loyalty as a measure of Country-Of-Origin (COO) Effects while assessing Country and Brand Image Impacts*

Kathleen Pfeiffer  
Department of English  
*A notable Absence: The Stepmother in American Literature*

Alison Powell  
Department of English  
*You be the bear, Now be the Dolphin*

Yazan Roumani  
Department of Decision & Information Sciences  
*A Data Mining Approach for Predicting Software Vulnerabilities*
Greg Thrasher  
Department of Management and Marketing  
*The Effect of Retirement Motivation, Preparations, and structure on Emotional and Cognitive Well-Being*

Nghia Tran  
Department of Mathematics and Statistics  
*Tilt Stability in Sparse Optimization with Application to Signal Processing*

Evan Trivedi  
Department of Chemistry  
*Conversion of Agricultural Waste to Value-added Chemicals with Sunlight*