Faculty Research Fellowship Awardee - FY19

Shadi Alawneh  
Department of Electrical and Computer Engineering  
*GPU Accelerated Model Predictive Control for Autonomous Car Robot Navigation*

Petya Andreeva  
Department of Art and Art History  
*Animal Style as Visual Rhetoric: In the Footsteps of Ancient Nomads*

Seyed Ali Arefifar  
Department of Electrical and Computer Engineering  
*Integration of Energy Storage Devices for Improving Voltage and Current Controllability in Smart Grids*

Jacob Becker  
Department of Sociology, Anthropology, Social Work, and Criminal Justice  
*Mapping and Explaining Spatial Patterns of Homicides in San Francisco*

Elise Brown  
Department of Public and Environmental Wellness  
*Handgrip Strength Cut Points for Cardiometabolic Risk Index among U.S. Adolescents: Results from the National Health and Nutrition Examination Survey (NHANES) 2013 – 2014*

Eralda Caushaj  
Department of Decision and Information Sciences  
*Android User Privacy Awareness and Decision Making*

Jingshu Chen  
Department of Computer Science & Engineering  
*Improving the Safety of Autonomous vehicles by Adding Fault Tolerance*

Dennis Condron  
Department of Sociology, Anthropology, Social Work, and Criminal Justice  
*How Does Schooling Affect Inequality in Children's Academic Skills?*

Christopher Cooley  
Department of Mechanical Engineering  
*Design and Fabrication of a Novel Test-Rig for Devices That Harvest Energy from the Vibrations of Rotating Host Systems*

Alta Dantzler  
Department of Music  
*Commission and Recording Project "A Woman's Life (and Love)"

Todd Estes  
Department of History  
*The Ratification Debate and the Triumph of Political Moderation*

Lisa Hawley  
Department of Counseling  
*A Validation Study of a Measure for Subjective Socioeconomic Status*
Various Attentions but Limited Actions to Stakeholder Issues: Comparison between Frequency-Based Content Analysis and Natural Language Processing-Based Content Analysis

When Does Chair-CEO Separation Work? Chair-CEO Status Difference and Governance Effectiveness

Role of Zinc Transporter ZIP8 in Regulating Liver Glycogen and Glucose Metabolism

Demonstrating the Possibility of Generating Power from Fertilizer and Wastewater

Answering the Call: Conservative Protestant Women and Work-Family Conflict

Desire: An Accounting, an Essay Collection

Bouncing Back: Resiliency and its Dynamic Nature after the Experience of Job Loss

The First Crusade and the Western Imagination: The Crusading Ambitions of Bohemond of Antioch

Studying the Gut-Liver-Brain inflammatory axis

A Comparative Examination of the Mind-Body Connection: Able-Bodied vs. Spinal Cord Injured Individuals

Predicting Future Cloud Incidents

Recoding Hierarchies: Shaping Race through Institutional Practice in Bolivia

Quantifying the Impact of Near-Accidents on Driver Glance Patterns When Using Head-Up Displays
Crystal VanKooten  
Department of Writing and Rhetoric  
*Completing a Digital Book Manuscript for Compose, Revise, Reflect: Video, Transfer, and the Teaching of Writing across Media*

Colin Wu  
Department of Chemistry  
*Assessing the Delayed Ocular and Cardiovascular Risks of Space Travel*

Douglas Zytko  
Department of Computer Science & Engineering  
*Identifying Casual Sex Inclinations of Online Dating System Users*