Faculty Research Grants Awarded
FY 19 – July 1, 2018 – June 30, 2019

- **Ewa Syta**, Assistant Professor of Computer Science, received a grant from the *Dfinity Foundation* to conduct her research titled, “Consensus and Beyond Building Secure, Reliable & Decentralized Protocols and Interenent Scale.”
- **David Ruskin**, Research Associate Professor of Psychology, received a grant from the *National Institutes of Health* for his research project, “Metabolic therapy to relieve pain in females: ketogenic diet and the estrous cycle.” [Read more.]
- **Terri Williams**, Research Associate Professor of Biology, in collaboration with Lisa Nagy, Professor of Biology at the University of Arizona, received a collaborative Biology RUI grant from the *National Science Foundation* for their study, “Convergent extension in a dynamically patterned epithelium.” [Read More.]
- **Kevin Huang**, Assistant Professor of Engineering, was awarded a faculty research grant from the *NASA Connecticut Space Grant Consortium* to support his project, “VR/AR Mediated Teleoperation of Heterogeneous Space Robots.” This is a collaborative project with Dr. Haoyu Wang at Central Connecticut State University.
- Assistant Professor of Engineering, **Clayton Byers**, received a grant from the *NASA Connecticut Space Grant Consortium* to support his study, “Energetics and Decay of Isotropic Turbulence from an Oscillating Grid.”
- **Alison Draper**, Science Center Director, received a grant from the *NASA Connecticut Space Grant Consortium* to support her *Tech Savvy 2019 Conference for Girls.*
- **Janet Bauer**, Associate Professor of International Studies, was awarded a summer fellowship from *Deutschrt Akademischer Austauschdienst German Exchange Service* to continue her research on the Islamic diaspora in Germany, begun during a Fulbright in 2018-2019.
- **Ewa Syta**, Assistant Professor of Computer Science, and a co-PI in Switzerland, received a grant from the *Research Institute*, for their research titled, “Privacy and Decentralized Trust at Scale.”
- **Gary Reger**, Hobart Professor of Classical Languages, received a *Fulbright Award* to conduct research in Australia. [Read More.]
- **Timothy Landry**, Assistant Professor of Anthropology and Religious Studies, received a *Fulbright Award* to conduct research in West Africa. [Read More.]
- **Christopher Hager**, Professor of English, was awarded a grant from the *American Council of Learned Societies* for his research project, “Illiterate: An American History.”
- **Dr. Susan Masino**, Vernon Roosa Professor of Applied Science, was awarded a *NASA Connecticut Space Grant Consortium* faculty research grant to conduct her study on, “Tree-based carbon: A comparison of existing models, direct measurement and citizen science.”
• **John Mertens**, Professor of Engineering, was awarded a **NASA Connecticut Space Grant Consortium** faculty research grant to conduct his project, “Optimization of Chemical Kinetics Model of NH₃ Combustion Using Experimental Data.”

• **Lindsey Hanson**, Assistant Professor of Chemistry, was awarded a **NASA Connecticut Space Grant Consortium** faculty research grant to conduct her project, “Nanoparticle-polymer composites as optical stress sensors for early damage detection.”

• **Gabrielle Soto**, Postdoctoral Fellow in American Studies Graduate Program, was awarded a grant from the **Wenner-Gren Foundation** for her research, “The Contradictions of Insecurity: Rescue Beacons in the South Texas Borderlands.”

• **Lina Ma**, Assistant Professor of Mathematics, was awarded a grant in Computational Mathematics from the **National Science Foundation** for her research titled, “Consistent multi-scale treatments of ion transport in biological environments.”