



Trinity College

HARTFORD CONNECTICUT

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 Interment 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.](#)
- Associate Professor of International Studies, **Janet Bauer**, 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.”
- Associate Professor of Language and Culture Studies, **Kifah Hanna**, will host an Instructor in Arabic during the 2019-2020 academic year, funded by the **Fulbright Foreign Language Teaching Assistant (FTLA) Program**.
- **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.”



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- **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.”