2018-2019 SF State Research and Scholarly Activity Fund Awardees

Development of Research and Creativity (DRC) Awardees

College of Business

Rex Cheung, Assistant Professor Decision Sciences, “Segmentation of Search and Rescue Dog Activity Data”

Venoo Kakar, Assistant Professor Economics, “Student Loan Debt and Racial Gaps in Asset Diversification”

Leyla Ozsen, Associate Professor Decision Sciences, “Optimizing a Retailer’s Merchandise Mix: The Role of Private Label and National Brands”

Graduate College of Education

Kathleen Mortier, Assistant Professor Special Education, “Cultural Brokering: Exploration of a Novel Concept in Special Education”

Yue-Ting Siu, Assistant Professor Special Education, “Overcoming Problems of Dispersed Professions with Online Communities of Practice: An Intervention Study of Itinerant Teachers”

College of Health and Social Sciences

Kent Lorenz, Assistant Professor Kinesiology, “Impact of a Physical Activity Leader during a Comprehensive School Physical Activity Program”

Tiffany O’Shaughnessy, Assistant Professor Counseling, “Fostering Well-Being in the Face of Racism and Sexism: Examining Protective Strategies for African American Women”

College of Liberal and Creative Arts

Martha Lincoln, Assistant Professor Anthropology, “Downwind: Environmental Precarity and Community Preparedness in Richmond, California”

Alexander Nevill, Assistant Professor Cinematography, “Motion, Light, Space: the Anthropology of Light through Practice-Led Research in Moving Image Production”

Anastasia Smirnova, Assistant Professor English Language & Literature, “Search Queries: Investigation into the Structure of ‘Simpler’ Languages”
Pino Trogu, Associate Professor Design and Industry, “Design of New Metamaterials”

College of Science and Engineering

Jason Cantley, Assistant Professor Biology, “A Chance to Prevent Extinction? Research of the Endangered Suisun Thistle (Cirsium hydrophilum var. hydrophilum) through Population Genetics and Species Distribution Modeling”

Tao He, Assistant Professor Mathematics, “Statistical Learning on Next Generation Sequencing of T/B Cell Repertoire Data”
Office of Research and Sponsored Programs Small Grants

College of Ethnic Studies

Maria Quintana, Assistant Professor Latina/Latino Studies, “Contracting Freedom: Race, Empire, and U.S. Labor Importation Programs, 1942-1964”

Graduate College of Education

Teresa Gray, Assistant Professor Speech, Language, & Hearing, “Bilingual Abstract Semantic Association Network Training (babSANT)”

College of Health and Social Sciences

James Bagley, Assistant Professor Kinesiology, “AMPK Localization in Human Muscle Fibers: Imaging the Cell’s Energy Sensor via Confocal Microscopy”

Alexis Martinez, Associate Professor Sociology, “Place Matters: A Socio-Spatial Study of Overdose Prevention Availability and Accessibility among Rural Latino Immigrants in California”

Molly Strear, Assistant Professor Counseling, “A Pilot Study of School Counselor—Administrator Data Teams to Foster Data Based Decision Making”

College of Liberal and Creative Arts

Michael Anderson, Professor Classics, “Via Consolare Project and SF State Excavations in Pompeii 2018-2019”

Doug Bailey, Professor Anthropology, “Activating the Visual Archive: Images, People, and Excavation Photographs”

Volker Langbehn, Professor Modern Languages & Literatures, “Precursors to Genocide: German Mass Culture from the late 19th Century to 1933”

Jenny Lederer, Assistant Professor English Language & Literature, “Lexico-Grammatical Alignment in Metaphor Construal”

Venise Wagner, Associate Professor Journalism, “When Steel Made Dreams”

College of Science and Engineering

Cheng Chen, Associate Professor Engineering, “Uncertainty Quantification of Hybrid Simulation for Seismic Hazard Mitigation”
Anton Guliaev, Associate Professor Chemistry, “Mechanism of Fructose Diffusion in Sugar Transporter via Computational Microscope”

Thomas Parker, Professor Biology, “Testing Seed/Seed Bank Theory Using Conspecific Post-Fire Species with a Range of Seed Sizes”

Jenna Wong, Assistant Professor Engineering, “Seismic Performance of Seismically Isolated Sustainable Structure”

Huizhong Xu, Associate Professor Physics and Astronomy, “Disordered Plasmonic Nanostructure Assemblies for Sensing and Visualization Applications”

Hao Yue, Assistant Professor Computer Science, “Uncover the Ghosts: Deep Learning Based Spammer Detection on Twitter”