

**Academic Senate Committee on Research Faculty Grant Awardees 2020**

<b>PI</b>	<b>Co-PI(s)</b>	<b>Project Title</b>	<b>School(s)</b>	<b>Amount Funded</b>
Asmeret Asefaw Berhe	Teamrat A. Ghezzehei, Rebecca Ryals	Effects of deeply rooted plants on soil carbon dynamics and their implications for the Earth's climate system	SNS	\$15,000
Camille Carvalho	-	Asymptotic methods for plasmonic problems	SNS	\$5,000
Carolin Frank	Jason Sexton	Can microbes help plants respond to climate change?	SNS	\$10,000
Katrina Hoyer		Autoimmune adverse events during checkpoint inhibition	SNS	\$5,000
Dustin Kleckner	Shilpa Khatri	Droplet Cloud Interactions in Stratification Trapped Oil Plumes	SNS	\$10,000
Mark Siström	-	Discovering bacteriophages and developing novel strategies to combat multidrug resistant Staphylococcus aureus infections	SNS	\$5,000
Tao Ye	-	Designer Assemblies of Magnetic Nanoparticles on DNA Origami Templates	SNS	\$5,000
Roberto C. Andresen Eguiluz	-	Tribocorrosion of metallic medical alloys	SOE	\$5,000
Ahmed Arif	-	Reducing the Interaction Ambiguity of Smartphones	SOE	\$5,000
Min Hwan Lee	-	Reactive Atomic Layer Deposition for High-Temperature Fuel Cell Electrodes	SOE	\$5,000
Kara McCloskey	Ajay Gopinathan, Suzanne Sindi	A Multidisciplinary Approach to Directing Vascular Morphogenesis with Stem Cells	SOE, SNS	\$15,000
Chih-Wen Ni	Wei-Chun Chin	Virus-free stable transgenesis	SOE	\$10,000
Jeffrey V. Butler	-	Inequality in the Workplace and its effect on Pro-social and Anti-social Behavior	SSHA	\$5,000

Maria DePrano	-	Artisan Households and Material Culture in Renaissance Florence	SSHA	\$5,000
Rowena Gray	-	Moving on Up: Immigration and Native Occupational and Intergenerational Mobility in the United States, 1900-1940	SSHA	\$5,000
Nigel Hatton	-	Narrative Medicine and Incarceration	SSHA	\$5,000
Andrew C. Johnston	-	The Effects of Undocumented Labor on Society: Evidence from the E-Verify Program	SSHA	\$5,000
David Kaminsky	-	Partner Dance and the Racial Imagination	SSHA	\$5,000
Nicola Lercari	-	Acquisition of UAV-based LiDAR SLAM for Investigating Paleo Environments	SSHA	\$5,000
Holley Moyes	-	Chronology Building at the Site of Las Cuevas, Belize, Central America	SSHA	\$5,000
Kit Myers	-	Going back "home": Adoptees share their experiences of Hong Kong adoptee Gathering	SSHA	\$5,000
Sholeh A. Quinn	-	Debating the Night Journey: Religious Polemic and Dialog in 19th Century Iran	SSHA	\$5,000
Ana Tur-Prats	-	The Long Shadow of the Spanish Civil War	SSHA	\$5,000
Maria-Elena De Trinidad Young	Yehuda Sharim	Letters2Maybe: Immigrant testimonies/testimonios as an interdisciplinary exploration bridging art and health	SSHA	\$10,000
Matthew Zawadzki	Jennifer Howell, Deborah Wiebe	Health in the Valley Study	SSHA	\$15,000

**Total: \$175,000**