

## Fiscal Year 2021 Awards

PI	Title	Department	Sponsor	Award Month
Caitlin Lowans	2021-2022 Shakespeare in American Communities	Theatreworks	Arts Midwest Grant	June
Jessi Smith, Emily Skop, Heather Song, Sylvia Mendez, Elizabeth Daniels	Adaptation: Project CREST - Changing Research Experiences, Structures, and (in)Tolerance through the Adaptation of Promising Equity Practices	Psychology, Geography & Environmental Studies, Electrical & Computer Engineering, Leadership/Research & Foundations.	National Science Foundation	June
Shouhuai Xu, Charles Benight, Yanyan Zhuang	CICI: UCSS: ACSP4HR: Assuring Cyber Security and Privacy for Human Resilience Research: Requirements, Framework, Architecture, Mechanisms and Prototype	Cybersecurity, Psychology, Computer Science	National Science Foundation	June
Sang-Yoon Chang	Junior Reserve Officer Training Corps (JROTC) Cyber Academy Pilot Program	Computer Science	Watcom Community College Subaward	June
Kevin Tvrdy	Synthesis and Characterization of Novel Hydrogel Formulations for the Single Chirality Purification of Single-Walled Carbon Nanotubes	Chemistry & Biochemistry	National Science Foundation	May
Shouhuai Xu	REU Supplement: SaTC: CORE: Small: Collaborative: A Framework for Enhancing the Resilience of Cyber Attack Classification and Clustering Mechanisms	Computer Science	National Science Foundation	May
Kathy Prue-Owens	Nurses' Lived Experience of COVID-19: A Mixed Method Study	Nursing	Penrose-St. Francis Health Foundation	May
Max Shulman, Jennifer Kling	To the Battlefield and Back Again: Conversations on War, Trauma, and Life After Services	Theatre, Philosophy	National Endowment for the Humanities	April
Mark Tomforde	Graph C*-algebras and Leavitt Path Algebras: Classification and Structure	Mathematics	Simons Foundation Grant Transfer Award	April
Adham Atyabi, Monique French	Lightweight-Low Cost Hyperspectral Sensor Integration to Support Urban Air Mobility Operations	Computer Science and Quantitative Methods	Spectrabotics Subcontract	April
Kimberly Reeves	Colorado Tree Coalition Tree Grant	Sustainability Office	Colorado Tree Coalition	March
Michele Okun, Leilani Feliciano	Insomnia Phenotypes and their Impact on Maternal and Infant Health	Biofrontiers, Psychology Department	National Institutes of Health	March
Shouhuai Xu	A Framework for Enhancing the Resilience of Cyber Attack Classification and Clustering Mechanisms	Computer Science	National Science Foundation	March
Magdalene Lim	Aging Families and Caregiver Program	Psychology Department	Pikes Peak Area Council of Governments	February
Gretchen Bliss, Gurvirender Tejay	2020 CAE CSUSB	Cybersecurity, Information Systems	California State University/San Bernardino	February
Jugal Kalita, Adham Atyabi	REU Site: Deep Learning: Theory, Concepts and Applications	Computer Science	National Science Foundation	February
Brandon Runnels	Mesoscale and continuum modeling of solid-phase to determine continuum burn rates in AP/HTPB	Mechanical and Aerospace Engineering	Office of Naval Research	February
Greg Plett, Scott Trimboli	NSF Engineering Research Center for Advancing Sustainability through Powered Infrastructure for Roadway Electrification (ASPIRE)	Electrical Engineering	Utah State University	February
Gedare Bloom	CAREER: Foundations for Real-Time System Security	Computer Science	National Science Foundation	February
Greg Plett, Scott Trimboli	Battery Model for Broadband Load	Electrical Engineering	Cirrus Logic	December
Yanyan Zhuang, Terry Boulton, Jessi Smith	CC* Planning: UCCS Computational Cluster for Science	Computer Science and Psychology	National Science Foundation	December
Gedare Bloom	REU Supplement - CiCi: SSC: Real-Time Operating System and Network Security for Scientific Middleware	Computer Science	National Science Foundation	November

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Jena McCollum	Understanding Structure-Property Relationships in P (VDF-CTFE) Binders	Mechanical and Aerospace Engineering	Triad National	November
Kathy Prue-Owens	Nurses Lived Experience of COVID-19: a Mixed Method Study	Nursing	Penrose St. Francis	November
Hui Wan	Dynamic Modeling on Descending of a Small LTAV	Mechanical and Aerospace Engineering	Air Force Institute of Technology	November
Magdalene Lim	Next Steps: Identifying Barriers and Optimizing Independence of At-Risk Seniors	Psychology	NextFifty	November
Irina Kopteva	Remote Teaching of Earth and Environmental Science with Primary Sources	Geography	Metropolitan State University	November
Charles Benight	El Paso County Method Pandemic Crisis Community Resilience	NIHR, Psychology	El Paso County Public Health	November
Season Doebler	CARES Act: Child Care Sustainability Grants	Kraemer Family Library	Colorado State Library	October
Rhonda Glazier	2020-2021 State Grants to Libraries	Kraemer Family Library	Colorado Department of Education	October
Nanna Meyer	Farmers Market Promotion Program	Human Physiology and Nutrition	USDA, Agricultural Marketing Service	October
Cortny Stark	The Practitioner Education Expansion Program	Counseling & Human Services	Substance Abuse and Mental Health Services Administration	September
Terry Boulton	Support of STTR for OmniScience	Computer Science	OmniScience	September
Gurvirender Tejay, Robert Block, Gary Klein	NCAE-C Grant: UCCS	College of Business	National Security Agency	September
Joseph Taylor	Comparing the Efficacy of Collaborative Professional Development Formats for Improving Student Outcomes of a Student-Teacher-Scientist Partnership Program	Leadership, Research, and Foundations	Botanical Society of America	September
Andrew Klocko	Genome topology in the filamentous fungus Neurospora crassa: organizing factors and impact on genome function	Chemistry	National Institutes of Health	September
Charles Benight	GRIT4Health	NIHR, Psychology	Colorado Department of Public Health and Environment	September
Brandon Runnels, Qing Yi, Byeong Lee, Amanda Morgenstern, Matt Quinlan	MRI: Acquisition of a High Performance Computing Cluster for Next-Generation Computational Science in Southern Colorado	Mechanical and Aerospace Engineering, Computer Science, Electrical and Computer Engineering, Chemistry	National Science Foundation	August
Emily Mooney	How Native Host Plant Variation Shapes a Facultative Ant-Butterfly Mutualism	Biology	Colorado Native Plants Society	August
David Havlick	Outdoor Programs for Active Duty Military Service Members and Veterans: Military, Veterans Affairs, and Public Land Agency Connections	Geography	USDA, Forest Service	August
Melissa Benton, Andrea Hutchins	Dry Bean Health Research Program	Nursing, Human Physiology and Nutrition	Northarvest Bean Growers Association	August
Debbie Pollard	Nurse Family Partnership	Nursing	Colorado Department of Human Services	August
Omid Semiari	Collaborative Research: CNS Core: Small: Extended Reality over Wireless Cellular Networks: Quality-of-Experience Analysis and Optimization	Electrical and Computer Engineering	National Science Foundation	August
Nanna Meyer	Food - Literacy - Security for a College Community	Human Physiology & Nutrition	Trailhead Institute	August
Peter Pino	Peace Officers Standards and Testing for Enforcement Training	UCCS Police Department	Colorado Department of Law	July
Caitlin Lowans	Mobile Shakespeare - A Midsummer Night's Dream	Theatreworks	Arts Midwest	July

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Magdalene Lim	PACE Graduate Student Training	UCCS Aging Center	Rocky Mountain Health Care Services	July
Vicki Taylor	2020 GenCyber University of Colorado Colorado Springs	Pre-Collegiate Development Program	National Security Agency	July
Mary Hayden	RAPID: Responding to extreme heat in time of COVID-19	National Institute for Human Resilience	University Corporation for Atmospheric Research	July