

CSU-AAUP 2025-26 Faculty Research Grants

Faculty	Department	Title of Proposal	Amount Awarded
Abbas, Syed	Biology	Impact of social isolation and communal living on crayfish behavior	\$5,000.00
Albayram, Yusuf	Computer Science	Investigating the Effectiveness of AI-generated Personalized Anti-Phishing Training	\$5,000.00
Alicea-Velazquez, Nilda	Chemistry & Biochemistry	Phosphotyrosine recognition by SHP-1's tandem SH2 domains	\$5,000.00
Allen, Trevor	Political Science	The Far Right and the Left Behind: The Demographic Deepening and Surprising Durability of Western Europe's Rightwing Populists	\$5,000.00
Barrington, Candace	English	Researching and Writing the New Chaucer Society Presidential Address	\$5,000.00
Bray, Alicia	Biology	Identifying the beetles (Coleoptera: Carabidae) of Connecticut's Trap Rocks: Contextualizing Insect Communities through a Habitat Framework: Year Two of Field Work	\$5,000.00
Catasus, Natalie	English	Subjects Adrift: Cuban and Haitian Sea Migration in Literature and Art (book manuscript)	\$4,991.00
Chakraborty, Sourav	Chemistry & Biochemistry	Determination of anthocyanins from Jaltomata fruits	\$5,000.00
Chase, Daniel	Biomolecular Sciences	The development of neuron-specific pre- and post-synaptic marker proteins to localize the DOP-2 receptor to specific synapses in ASH	\$5,000.00
Chen, Jason	Accounting	An Innovative Pedagogical Design and Students' Deep Learning	\$5,000.00
Choi, Jiyong; Lee, Namhun	Manufacturing & Construction Management	Data-Driven Framework for Enhancing Strategic Highway Safety Planning	\$7,288.00

Cohen, Diana	Political Science	Women of the Hobby: Sport Card Collecting in the Digital Age	\$5,000.00
Cole, Haile	Geography, Anthropology & Tourism	Belly: An American Love Story	\$5,000.00
Corbera Lopez, Silvia	Psychological Science	Decision Making and Information Processing in Conspiracy vs Delusional and Paranoid Thinking	\$5,000.00
Crundwell, Guy	Chemistry & Biochemistry	Metal-Ligand Extended Frameworks - Silver Perchlorate Networks with Thiophene Containing Methanimine Analogs	\$4,686.00
Dehigaspitiya, Dilani	Chemistry & Biochemistry	Design and Synthesis of a Multivalent Inhibitor of Human β -Tryptase	\$5,000.00
Dharavath, Haji Naik	Computer Electronics & Graphics Technology	Influence of Substrate Properties (Weight/Thickness and Brightness) on the G7 Master Compliance through a Color Managed Digital Printing Workflow	\$5,000.00
Dlugolenski, Eric; Schnobrich-Davis, Julie	Criminology & Criminal Justice	Detective Training: Addressing Gaps, Challenges, and Opportunities in Modern Investigative Practices	\$9,699.00
Dowling, Robert	English	David Foster Wallace: A Biography	\$5,000.00
Efremoff, Ted	Art & Design	Il Trovatore: The Joyful Philosophy of Carlo Citron	\$5,000.00
Fallahi, Carolyn	Psychological Science	The Moderating Effects of Race and Socioeconomic Status on Family Rejection in Racially Diverse Sexual Minorities	\$5,000.00
Farhat, Joseph	Finance	Disclosure to Decisions: How ESG Impacts Corporate Debt Equity Financing Choice	\$5,000.00
Gallagher, Sean	Art & Design	These Wine-Dark, Warming Currents, Rising: Solo Art Exhibition Portraying Climate Change in Our Oceans	\$4,690.00
Garbovskiy, Yuriy	Physics & Engineering Physics	Improving Control Over the Properties of Liquid Crystals Using Various Types of Nanomaterials	\$3,750.00
Goh, Tan Leng; Leong, Chee Hoi	Physical Education & Human Performance	The Effects of the "Fit and Healthy" Program on Students' Physical Activity, Fitness Levels, and Dietary Habits	\$10,000.00

Gotchev, Ivan	Mathematical Sciences	On Arhangel'skii's Inequality and Bonanzinga's Question	\$5,000.00
Green, Ashley	Sociology	Queering Femininity: Exploring Diverse Understandings of Femme Embodiment and Identity	\$5,000.00
Hammad, Khaled	Engineering	The Confined Flow Behavior of Submerged Annular Viscoplastic Jets	\$5,000.00
Hapeman, Paul	Biology	Distribution and Density of American mink (Neogale vison) in Suitable Habitat in Connecticut	\$5,000.00
Hartwig, Heidi	English	Catholic Conversion in La Cathedrale: Going to the Sources of J.-K. Huysmans' Novel	\$5,000.00
Hassan, Md Rafiul; Rahman, Mohammad	Computer Science; Manufacturing & Construction Management	Multimodal Fake News Detection for Supply Chain Resilience Using Advanced Machine Learning Techniques	\$3,675.00
Heck, James	Communication	Post-Production Computer for Two Documentary Films	\$2,379.00
Henry, Wesley	Educational Leadership & Instructional Technology	A Statewide Analysis of Connecticut School District Increasing Educator Diversity Plans	\$5,000.00
Hoopengardner, Barry	Biomolecular Sciences	RNA Editing in Halictid bees	\$5,000.00
Jarrett, Jeremiah	Biology	The barnacle Chthamalus dalli – its southern limit and evidence of defensive plasticity in response to two predatory snails	\$4,741.00
Jayasinghe, Dharshani Lakmali	English	The Selalihini Sandeshaya (The Starling's Message): A Messenger Epic Poem	\$5,000.00
Johnson, Steven	Engineering	Surface Science Guided Alloy Development to Achieve Free Sintering Mg Alloy Powders	\$5,000.00
Jones, Mark	History	An Emotional Revolution: Loves and Loyalties in Imperial Japan	\$5,000.00
Kapper, Martin	Biomolecular Sciences	Induced Chaperone Proteins and Environmental Adaptation: Using Western Blotting and ELISA to Determine the Role of Chaperone Proteins in Adaptation to a Changing Environment.	\$4,365.00

King, Thomas	Biomolecular Sciences	Assessing the Effect of Maternal Age on X Chromosome Non-disjunction in Drosophila Melanogaster	\$5,000.00
Koulidobrova, Elena "Helen"	English	Collaborative Language Documentation and Community Practices in Response to a Crisis among the Recently Contacted Nations: Waorani Communities in Ecuador	\$5,000.00
Kraczkowski, Michelle	Biology	Effects of Climate Change for the Northern Diamondback Terrapin in Connecticut	\$5,000.00
Kurkovsky, Stan	Computer Science	International Experiences in Integrating Community-Based Service Learning into Computer Science Education	\$5,000.00
Kusaila, Michelle; Schnobrich-Davis, Julie	Accounting; Criminology & Criminal Justice	Quantitative Analysis of Financial Crime Scams Targeting Adults	\$10,000.00
Lee, Lee	Management & Organization	Contingency Theory of Leadership Reframed: A Cross-sectional and cross-cultural comparative Study	\$4,700.00
Ling, Xiao	Marketing	Asymmetric Pricing in the Small: Strategic Intent, Business Cycles, and Sociopolitical Influence	\$5,000.00
Mahjoob, Mohammad; Baumann, Peter	Engineering	Congruence of Finite Element Analysis and Mechanical Testing of Long Bones	\$7,500.00
Maurer, Sarah	Chemistry & Biochemistry	Formation of RNA Polymers by Wet-Dry Cycling Under Using Abiotic Liposomes to Understand the Origins of Life	\$5,000.00
Meng, Yunliang	Geography, Anthropology & Tourism	Suicide Rates and Contextual Characteristics in Connecticut: A Case Study at the County Subdivision-Level	\$3,000.00
Mione, Thomas	Biology	You Say Tomato, I Say Jaltomata	\$1,350.00
Mitrano, John	Sociology	Putting the "Social" in the Social Construction of Ethnic Identity: A Case Study	\$2,408.00
Mortensen, Dena	Literacy, Elementary & Early Childhood Education	Higher Ed Instructional Practices and Code Knowledge for Reading	\$4,942.00

Naoumov, Viatcheslav	Engineering	Study of the Enhancing of Combustion Performances of Pafaiin-Based Bio-derived Fuels in the Lab-Scale Hybrid Propellant Rocket Engine Using Additives	\$5,000.00
Nigro, Lisa	Biology	Exploration of the Fungal Microbiome of Ecologically Important Seaweeds	\$5,000.00
Oyewumi, Oluyinka	Earth & Space Sciences	Anthropogenic Impact of an Historic Hat Factory on Mercury and Trace elements along Still River and surrounding topsoil, Danbury CT	\$5,000.00
Perdomo, Oscar	Mathematical Sciences	New Examples of CMC hypersurfaces in de Sitter and anti de Sitter spaces	\$3,750.00
Pope, Cynthia	Geography, Anthropology & Tourism	The Gendered Impacts of COVID-19 in Havana and Matanzas, Cuba	\$5,000.00
Potter, Christopher	Biology	Investigation of HOXC13 interaction with the Desmocollin 2 promoter region in a cell culture model	\$5,000.00
Pozorski, Aimee	English	Razing Fences: Research in the August Wilson Archives at University of Pittsburgh	\$1,868.00
Protzko, John	Psychological Science	How We See the Past, Present, and Future	\$4,800.00
Ragusett, Jared	Economics	Disseminating Heterodox Economics in an Age of Artificial Intelligence (A.I.): Understanding the Challenges and Opportunities	\$4,182.72
Ritzenhoff, Karen	Communication	Black Cinema and African American Women Directors: A New Visual Vernacular	\$5,000.00
Saha, Krishna	Mathematical Sciences	Estimation of Some Epidemiological Measures of Association in Multiple Comparative Trials with Binary Outcomes	\$3,750.00
Sharma, Nimmi	Physics & Engineering Physics	The Investigation of New Techniques for Lidar Instrumentation Design for Air Pollution and Atmospheric Studies	\$5,000.00

Singh, Gurbakhshash	Mathematical Sciences	Implementing predictive methods for the log cumulative probability model	\$5,000.00
Singhal, Rahul	Physics & Engineering Physics	Synthesis and Characterization of Reduced Graphene Induced Cobalt and Molybdenum Oxide Materials for Supercapacitor Applications	\$5,000.00
Snyder, Jason; Boncoddio, Rebecca	Marketing; Psychological Science	Yes, And...Career Readiness: Improvisation as a Catalyst for Career Competencies	\$10,000.00
Sommers, Brian	Geography, Anthropology & Tourism	Innovations in Wine Tourism	\$4,983.00
Wang, Haoyu	Manufacturing & Construction Management	Automated Airfoil Comprehensive Inspection System Based on Robotics and Multi-Modal Sensing	\$5,000.00
Warshauer, Matthew	History	Out of the Shadows: A History of the Connecticut 29th Black Civil War Regiment	\$3,750.00
Westcott, Barry	Chemistry & Biochemistry	Structural, Electronic, and Magnetic Studies of Novel Transition-Metal Dioximes	\$5,000.00
Wizevich, Michael	Earth & Space Sciences	Getting to the Bottom of the Cretaceous on the Colorado Plateau	\$5,000.00
Wolff, Robert	History	The Seeming Paradox of Elihu Burritt's Antislavery Thought	\$4,558.00
Zadi, Samuel	World Languages, Literatures, and Cultures	To Write a Paper titled, "Perversions of Traditional Social Safety Nets in Mariama Ba's Une Si Longue Lettre (So Long A Letter)"	\$2,500.00
Zalewski, Leanne	Art & Design	From Costume Ball to the Paris Salon: Princess Mathilde's Une Fellah	\$5,000.00

Total= \$373,305.72