

CSU-AAUP Faculty Research Grants for 2016-17 Project Year - CCSU

Rank	Last name	First name	Department	Grant title	Amount Funded	Discipline	Joint Proposal
Professor	Adams	Abigail	Anthropology	More Than a Food Desert: An Ethnography of Food Movements and Insecurity in a Poor Urban New England Neighborhood	\$4,796.00	SSBE	
Assistant Professor	Bailesteanu	Mihai	Mathematical Sciences	Geometric methods to study partial differential equations arising in natural phenomena	\$4,004.00	LPMCET	
Professor	Barnett	Stuart	English	Agatha Christie, the US Coast Guard and D-Day	\$4,250	FAH	
Professor	Barrington	Candice	English	Global Chaucers: The Canterbury Tales and their Japanese Guardians	\$5,000	FAH	
Assistant Professor	Bartone	Michael	Literacy, Elementary, and Early Childhood Education	Keeping Our Heads Above Water While Traversing Hostile Environments: Black Transgendered and Gender Non-Conforming Youths' Experiences in School	\$3,534.00	SSBE	
Professor	Benfield	Richard	Geography	Economic Biogeography as a component in visitation to horticultural collections and management	\$4,616.00	SSBE	
Assistant Professor	Bragg	Caleb	Psychological Sciences	Self-Control, Subjective Career Success, Conscientiousness, and CWBs: Evidence Using Dominance Analysis	\$3,175.00	SSBE	
Assistant Professor	Bray	Alicia	Biology	Assessment of trapping methods for introduced wood-boring beetles in forest habitats in Connecticut	\$4,254.00	LPMCET	
Professor	Burkholder	Thomas	Chemistry and Biochemistry	GC-MS Analysis of Gasoline Reactions with Fuel System Component	\$2,465.00	LPMCET	

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Assistant Professor	Chakraborty	Sourav	Chemistry and Biochemistry	Development of a rapid method for determination of capsaicinoids from complex food matrices	\$4,663.00	LPMCET	
Associate Professor	Chase	Daniel	Biomolecular Sciences	Functional localization of dopamine receptors using optogenetics in C. elegans	\$4,997.00	LPMCET	
Associate Professor	Cohen	Diana	Political Science	Endurance Moms: Managing Work, Family, and Endurance Sport Identities	\$4,544.00	SSBE	
Professor	Crundwell	Guy	Chemistry and Biochemistry	Building nanometer-sized Molecular Assemblies using Simple condensation reactions	\$4,368.00	LPMCET	
Professor	Davis	Michael	Biomolecular Sciences	Identification and Characterization of Novel Natural Compounds Effective against Mycobacterium Tuberculosis	\$4,754.00	LPMCET	
Associate Professor	Dharavath	Haji Naik	Computer Electronics and Graphics Technology	Employers' Expectations of Graduates Technical Competencies in Various Production Segments of the Graphic & Print Media Industry: A Study of New England States Region	\$3,253.00	LPMCET	Basim, Swamy (Associate Professor)
Associate Professor	Dobbs-McAuliffe	Betsy	Biomolecular Sciences	Investigating a requirement for retinoic acid in planarian regeneration	\$4,417.00	LPMCET	
Assistant Professor	Donohue	Peg	Counselor Education and Family Therapy	Identifying and Meeting Student Mental Health Needs Through Utilizing Universal Screening in Your Comprehensive School Counseling Program	\$2,794.00	SSBE	
Professor	Dowling	Robert	English	Eugene O'Neill: A Life in Four Acts	\$3,500	FAH	
Assistant Professor	Efremoff	Theodore	Art	Mother Tongue	\$5,000	FAH	
Professor	Evans	Mark	Geological Sciences	Unraveling the structural history of the central Appalachians, Pennsylvania	\$3,459.00	LPMCET	

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Professor	Fafunwa Ndibe	Sheri	Art	Connecting Traditions and Practices in Encaustic and Clay	\$2,720	FAH	
Instructor	Friesem	Yonty	Communication	Media Production as Social Intervention	\$3,527.00	SSBE	
Assistant Professor	George	Lynda	Educational Leadership, Policy and Instructional Technology	Socrates' Philosophy of Education: Looking Back to Move Education Forward	\$3,786.00	SSBE	
Assistant Professor	Gichiru	Pauline Wangari	Educational Leadership, Policy and Instructional Technology	Principalship and Politics of Belonging: Exclusionary Framings of Gender and Culture in Uasin Gishu County, Kenya	\$3,862.00	SSBE	
Associate Professor	Gilmore	Susan	English	The Country of Confusion	\$2,000	FAH	
Professor	Glagovich	Neil	Chemistry and Biochemistry	Chiral Diols as Resolving Agents of Aldehydes and Ketones	\$4,990.00	LPMCET	
Professor	Gotchev	Ivan	Mathematical Sciences	Cardinal Functions on Topological Spaces	\$4,754.00	LPMCET	
Professor	Halkin	Sylvia	Biology	Do Eastern Grey Squirrels, <i>Sciurus carolinensis</i> , Target Theft-Averting Responses to Recent Thieves?	\$596.00	LPMCET	
Assistant Professor	Hapeman	Paul	Biology	Seasonal Detection of the Everglades Mink (<i>Neovision vision Evergladensis</i>) In Critical Habitats in South Florida	\$4,254.00	LPMCET	

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Associate Professor	Hartwig	Heidi	English	Modernist Conversion Narratives of Msgr. Ronald Knox and R.H. Benson	\$3,222	FAH	
Associate Professor	Hoopengardner	Barry	Biomolecular Sciences	RNA editing in echinoderms	\$4,504.00	LPMCET	
Associate Professor	Jackson	Mark	Biology	Hydrocorticosterone modulation of GABAergic neurons that regulate adaptation in the Crayfish MRO proprioceptor	\$4,054.00	LPMCET	
Professor	Jarrett	Jeremiah	Biology	The Biology and Ecology of the Commercially Harvested Sea Cucumber, <i>Holothuria mexicana</i> , along the Belize Barrier Reef	\$4,254.00	LPMCET	
Professor	Jones	Mark	History	Runaway Love: Emotion and Opportunity in Taisho-Era (1912-1926) Japan	\$4,544.00	SSBE	
Associate Professor	Kapper	Martin	Biomolecular Sciences	Are Chaperone Proteins (HSP70) Used During Regeneration in Planaria?	\$3,864.00	LPMCET	
Professor	King	Thomas	Biomolecular Sciences	Development of an approach to detect Endogenous retrovirus(ERV) sequences that may be the basis of two spontaneous hair variants in mice	\$3,753.00	LPMCET	
Assistant Professor	Koulidobrova	Elena	English	Examination of the linguistic development of ASL and English by Deaf/Hard of Hearing non-native language learners: Assessment instruments	\$4,544.00	SSBE	
Professor	Kurkovsky	Stan	Computer Science	A novel biometric authentication mechanism for mobile devices	\$4,754.00	LPMCET	
Professor	Lemaire	Peter	Physics and Engineering Physics	Surface modification of cathode materials for high energy density Li ion rechargeable batteries	\$4,754.00	LPMCET	Singhal, Rahul (Asst. Professor)

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Assistant Professor	Leong	Chee-Hoi	Physical Education and Human Performance	Construction of an Inertial Load Cycle Ergometer and Trifilar Pendulum	\$1,625.00	LPMCET	
Assistant Professor	Levchak	Charisse	Sociology	Microaggressions and Modern Racism: The Endurance and Evolution of Racism	\$3,635.00	SSBE	
Assistant Professor	Marjani	Sadie	Biology	Effects of oxygen concentration during in vitro culture on genome-wide gene expression patterns in bovine pre-implantation embryos	\$4,459.00	LPMCET	
Assistant Professor	Maurer	Sarah	Chemistry and Biochemistry	Membrane-Assisted Polymerization of Amino Acids	\$4,721.00	LPMCET	
Assistant Professor	Melendez-Rhodes	Tatiana	Counselor Education and Family Therapy	A systematic exploration of women's experiences with breast cancer and implications for family therapists	\$4,931.00	SSBE	
Assistant Professor	Meng	Yunliang	Geography	Using GIS to detect ethnic and racial disparity in police stops in Toronto	\$5,000.00	SSBE	
Associate Professor	Menoche	Charles	Music	Full "STEAM" Ahead on 3D Printing of Tactile Musical Scores and Alternative Musical Instruments	\$4,360	FAH	
Professor	Mione	Thomas	Biology	Mesoamerican Black Tomatoes: Adding The Use Of Molecular Markers to Both Broaden the Techniques I Teach to Students, and Study Biogeography	\$4,636.00	LPMCET	
Professor	Mitchell	Damon	Criminology and Criminal Justice	Treatment Plans and Interventions for Forensic Clients	\$9,087.00	SSBE	Tafrate, Raymond (Professor)

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Professor	Mitrano	John	Sociology	The Role of Ethnic Tourism in the Construction of an Italian American Identity	\$4,202.00	SSBE	
Associate Professor	Mulrooney	James	Biomolecular Sciences	The role of CIL Parietal Endoderm Migration	\$4,853.00	LPMCET	
Professor	Naoumov	Vlatcheslav	Engineering	RESEARCH ON THE COMBUSTION OF BIO-DERIVED FUELS IN HYBRID PROPELLANT ROCKET ENGINE. PHASE-VI: FINALIZING OF THE ANALYSIS OF COMBUSTION OF PURE BIO-DERIVED FUELS AND FUELS ENRICHED BY ALUMINUM POWDER; EXTENSION OF THE EXPERIMENTS TO IDGHER OXIDIZER SUPPLY PRESSURES AND STUDY OF NEW OXIDIZERS.	\$4,630.00	LPMCET	
Assistant Professor	Ngazimbi	Evadne	Counselor Education and Family Therapy	Narrative Therapy Group with Family Caregivers of People Living with HIV/AIDS in Zimbabwe	\$4,039.00	SSBE	
Professor	Nicoll-Senft	Joan	Special Education and Interventions	Assessing the Effect of a Contemplative-based Coloring Intervention on the Behavioral and Academic Outcomes of Students with Autism Spectrum Disorder.	\$7,006.00	SSBE	Foshay, John (Professor)
Assistant Professor	Park	Sangho	Computer Electronics and Graphics Technology	Developing Effective Visual Representation Schemes to Improve and Measure Student Skills in Circuit Analysis	\$1,301.00	LPMCET	
Associate Professor	Pearson	Fiona	Sociology	Studying Parents: How Students With Children and Changing, College, Campus, and Culture	\$5,000.00	SSBE	

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Professor	Penniman	Clayton	Biology	Population Ecology of the Intertidal, Carrageenophyte <i>Mastocarpus stellatus</i> (Rhodophyta, Gigartinales) near its Southern Limit of Distribution in the Western Atlantic	\$3,253.00	LPMCET	
Associate Professor	Perdomo	Oscar	Mathematical Sciences	Periodic orbits for asteroids in our solar system	\$4,254.00	LPMCET	
Professor	Pope	Cynthia	Geography	Acculturation Stress" in Cuban Migrants: A Medical Geography Case Study of Cuban Refugees Living in Non-Traditional Settlement Sites in the U.S. and Abroad	\$4,544.00	SSBE	
Professor	Pozorski	Aimee	English	Paul Monette's Unpublished Journals: Witness to The Birth of AIDS in Real Time	\$1,170	FAH	
Assistant Professor	Rahman	Mohammad	Manufacturing and Construction Management	Active Learning Matters for Connecticut Students - Understanding the System of Variations	\$3,378.00	LPMCET	
Instructor	Rimzhim	Anurag	Psychological Science	Universal and Language-specific features of Visual Word Recognition in Hindi	\$4,288.00	SSBE	
Associate Professor	Robinson	Christina	Economics	Examining Racial, Ethnic, and Geographic factors of Gender Bias in WIC Families	\$3,786.00	SSBE	
Professor	Saha	Krishna	Mathematical Sciences	Interval Estimation for the Risk Difference in the Correlated Binary Data: An Application to Radiation Exposure Data	\$4,504.00	LPMCET	
Professor	Sharma	Nimmi	Physics and Engineering Physics	Characterizing Asian Dust Aerosols over Mauna Loa Observatory via Optical Laser Scattering	\$5,000.00	LPMCET	
Professor	Shen	Xiaoping	Geography	Elderly People's Perceptions of Senior Housing Facilities in Beijing and Surrounding Areas	\$5,000.00	SSBE	

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Assistant Professor	Singhal	Rahul	Physics and Engineering Physics	Study of Magnetic Properties of Transition metal ion doped HfO2 nanoparticles	\$4,004.00	LPMCET	LeMaire, Peter (Professor)
Professor	Siporin	Rachel	Art	Color Etchings: Homeage to the Happenings	\$5,000	FAH	
Professor	Sommers	Brian	Geography	Jewish/Holocaust Heritage in Places with Checkered Pasts	\$4,007.00	SSBE	
Associate Professor	Wang	Haoyu	Manufacturing and Construction Management	Improve maching accuracy and efficiency through Robot and Fixture integration	\$6,256.00	LPMCET	Thamma, Ravindra (Professor)
Associate Professor	Watson	Sheldon	Educational Leadership, Policy and Instructional Technology	Conversaciones con la Comunidad	\$4,291.00	SSBE	
Associate Professor	Watton	Stephen	Chemistry and Biochemistry	Novel metal binding ligands based on diisonicotinic acid	\$4,254.00	LPMCET	
Professor	Westcott	Barry	Chemistry and Biochemistry	Building new nanomaterials with a metal-organic framework	\$4,925.00	LPMCET	
Associate Professor	Wizevich	Michael	Geological Sciences	Investigation of Triassic Dinosaur Trackway Localities of the Eastern Alps, Switzerland	\$5,000.00	LPMCET	
Professor	Wolff	Robert	History	The Public Memory of Slavery in Historic Plantations, Museums and Monuments in the U.S.	\$4,311	FAH	
Associate Professor	Xiaobing	Hou	Computer Electronics and Graphic Technology	Design and Development of an Accreditation Assessment Management System	\$7,006.00	LPMCET	Wu, Shuju (Associate Professor)
Assistant Professor	Zadi	Samuel	Modern Languages	Ironic Solidarity in Postcolonial Francophone Africa: Individualism and Solidarity in Sembene Ousmanes' Mandabi	\$2,324	FAH	

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Assistant Professor	Zalewski	Leanne	Art	French Art, American Patriotism: Collecting Culture in New York, 1867-1893	\$3,832	FAH	
Associate Professor	Zhou	Bin	Engineering	Influential Factors in College Decisions and Effectiveness of Pre-University Outreach program in promoting STEM (Science, Technology, Engineering, and Mathematics)	\$3,453.00	LPMCET	

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