

# Central Connecticut State University, External Grant Activity - Submissions and Awards, 2016 - 2017

Academic Unit	Department	PI/Proj. Director	Request	Funding	Status	Sponsor	Project Title
<b><i>College of Liberal Arts and Social Sciences</i></b>							
	<b>Art</b>						
		Langhorne	\$3,000		N	Hartford Consortium	The Role of Art in Educating People to the Challenges of Climate Change
	<b>Criminology and Criminal Justice</b>						
		Cox	\$293,024	\$293,024	A	State of Connecticut - Judicial Branch, Court Support Svcs	2016 SMART Supervision Grant to be used to build upon the Forensic Cognitive Behavioral Therapies (F-CBT)
		Mitchell	\$82,217		P	National Institutes of Health	The development and validation of a novel paradigm for assessing sexual assault risk perception in MSM
		Schnobrich-Davis	\$80,000	\$82,006	A	City of Hartford/DOJ	Research Partner for BCJI Grant
	<b>English</b>						
		Koulidobrova	\$415,704		P	National Institutes of Health/NIDCD	Foreign language through the eyes: Examination of linguistic development of ASL and English by deaf/hard of hearing non-native language learners
		Koulidobrova	\$94,419	\$94,419	A	Connecticut State Board of Education	Connecticut Bilingualism and English Language Learning Research Lab (CCSU BELL-RL)
	<b>Geography</b>						
		Benfield	\$27,500		P	National Geographic Education Foundation	Connecticut Geographic Alliance

<b>Academic Unit</b>	<b>Department</b>	<b>PI/Proj. Director</b>	<b>Request</b>	<b>Funding</b>	<b>Status</b>	<b>Sponsor</b>	<b>Project Title</b>
		Benfield	\$1,000	\$1,000	A	Environmental Systems Research Initiative Inc.	Environmental Systems Research Initiative
		Benfield	\$48,097	\$48,097	A	National Geographic Society Education Foundation	Connecticut Geographic Alliance
	<b>History</b>						
		Tully	\$1,758,764	\$0	N	US Department of Education	American History and National Civics Day
	<b>Physics and Engineering Physics</b>						
		Thomas	\$151,980	\$145,168	A	CT Office of Higher Education	TQP - NESSLIE
	<b>Psychological Science</b>						
		Boncoddo	\$5,000		P	American Psychological Society	APS Research Grant
		<b>Subtotals:</b>	<b>\$2,960,705</b>	<b>\$663,714</b>			

### ***Institutional Advancement***

#### **Inst. of Technology & Business Dev. (ITBD)**

		Bruner	\$117,800	\$117,800	A	CT Department of Transportation	2016-2017 Business Development Program
		Bruner	\$53,800	\$53,800	A	CT Department of Transportation	2016-2017 On-the-Job Training Grant

#### **Institute for Municipal & Regional Policy**

		Barone	\$238,298		P	National Institute of Justice/UCONN	Confounding Factors in the Evaluation of Policing Data- Developing a Better Counterfactual
		Keays	\$105,437		P	National Institute of Justice/UMN	Income: NIJ Safety, Health & Wellness in CJ

**Subtotals:            \$515,335        \$171,600**

### ***Office of Academic Affairs***

Academic Unit	Department	PI/Proj. Director	Request	Funding	Status	Sponsor	Project Title
<b>Community Engagement</b>							
		Hernandez	\$15,000	\$15,000	A	Community Foundation of Greater New Britain	2016-2017 Community Foundation - ParaDYM Academy
		Hernandez	\$40,000	\$40,000	A	American Savings Foundation	2016-2017 ParaDYM Academy
<b>Office of the Provost/Vice President</b>							
		Paige	\$280,000	\$280,000	A	U.S. Department of Education/FIPSE/Farmingdale State College	First in the World Research Aligned Mentorship Program
		Paige	\$1,287,500		P	US Department of Education	TRIO - Upward Bound Math & Science New Britain
		Paige	\$1,287,500	\$0	N	US Department of Education	TRIO - Upward Bound New Britain
		Paige	\$1,287,500	\$0	N	US Department of Education	TRIO - Upward Bound Middletown
		Paige	\$1,200,000	\$240,000	A	U.S. Department of Education	CCSU Talent Search Trio Program - New Britain
<b>Pre-Collegiate and Access Services</b>							
		Reasco	\$200,000	\$200,000	A	CT Office of Higher Education	2016-2017 Connecticut Collegiate Awareness and Preparation Program (ConnCAP)
		<b>Subtotals:</b>	<b>\$5,597,500</b>	<b>\$775,000</b>			
<b><i>Office of Administrative Affairs</i></b>							
<b>Police</b>							
		Cervoni	\$34,650	\$34,650	A	CT Department of Transportation	FY 2017 Comprehensive DUI Enforcement Program
		Cervoni	\$29,871	\$29,871	A	CT Department of Transportation	FY 2017 Underage Alcohol Enforcement
		<b>Subtotals:</b>	<b>\$64,521</b>	<b>\$64,521</b>			

Academic Unit	Department	PI/Proj. Director	Request	Funding	Status	Sponsor	Project Title
---------------	------------	-------------------	---------	---------	--------	---------	---------------

***Office of Student Affairs***

**Prevention & Counseling**

		Pohl	\$101,928		P	Substance Abuse and Mental Health Services (SAMHSA)	2015 Campus Suicide Prevention Grant (FY17-18)
		Pohl	\$304,924	\$101,928	A	Substance Abuse and Mental Health Services (SAMHSA)	2015 Campus Suicide Prevention Grant
		Pohl	\$34,189	\$34,189	A	Southern Connecticut State University	Tobacco Free: A State and Community Intervention
		<b>Subtotals:</b>	<b>\$441,041</b>	<b>\$136,117</b>			

***Office of the President***

**Center for Public Policy and Social Research**

		Hurst	\$13,764	\$13,764	A	State of Connecticut Department of Rehabilitation Services	2016 BESB Vocational Rehabilitation Survey and Vocational Rehabilitation Needs Assessment - Survey #8
		Hurst	\$29,914	\$29,914	A	State of Connecticut Board of Education and Services/Blind	2017 BESB Vocational Rehabilitation Consumer Satisfaction Survey and Needs Assessment for Consumers at BESB - Survey #9
		Hurst	\$78,714	\$78,714	A	CT Department of Energy and Environmental Protection	2017-2022 Statewide Comprehensive Outdoor Recreation Plan

**Prevention & Counseling**

		Dodd	\$10,000		P	Avon Foundation	The National Leadership Institute: Changing the Narrative on Campus Gender-Based Violence
		<b>Subtotals:</b>	<b>\$132,392</b>	<b>\$122,392</b>			

***School of Education and Professional Studies***

<b>Academic Unit</b>	<b>Department</b>	<b>PI/Proj. Director</b>	<b>Request</b>	<b>Funding</b>	<b>Status</b>	<b>Sponsor</b>	<b>Project Title</b>
<b>Counseling and Family Therapy</b>							
		Donohue	\$10,000		P	American School Counselor Association	ASCA Research Grant Program
<b>Educational Leadership</b>							
		Watson	\$427,989		P	US Department of Education/EASTCONN	EDUCATION INNOVATION AND RESEARCH PROGRAM EARLY-PHASE - SEL
<b>Office of the Dean (Education)</b>							
		Alfano	\$50,000		P	US Department of Education/EASTCONN	EDUCATION INNOVATION AND RESEARCH PROGRAM EARLY-PHASE - Consulting
		Horton	\$2,650	\$2,650	A	State of Connecticut Department of Education	2016-2017 Educator Teacher Performance Assessment (edTPA) Pilot Program
<b>Teacher Education</b>							
		Drew	\$5,978		P	American Psychological Association	Practice-based Professional Development for Writing-to-Learn in Earth and Space Science: A Design Research Project
		<b>Subtotals:</b>	<b>\$496,617</b>	<b>\$2,650</b>			
<b><i>School of Engineering, Science and Technology</i></b>							
<b>Biology</b>							
		Hapeman	\$7,900		P	Wolverine Foundation	Camera Surveys for Wolverine (Gulo gulo) on the Uinta-Wasatch-Cache and Ashley National Forests
		Hapeman	\$2,725		P	Phoenix Zoo Conservation Grants	The Occurrence of Endangered Carnivores in Protected Areas in an Urban-Agricultural Landscape in Northcentral Trinidad
		Hapeman	\$4,890		P	Columbus Zoo and Aquarium	Columbus Zoo and Aquarium Conservation Fund Grant
		Hapeman	\$5,341		P	Furbearers Unlimited	Furbearers Unlimited

Academic Unit	Department	PI/Proj. Director	Request	Funding	Status	Sponsor	Project Title
<b>Biomolecular Sciences</b>							
		Hoopengardner	\$10,000	\$0	N	NASA/CT Space Grant	RNA Editing in Tardigrades in Response to Extreme Metabolic Stress
		Martin	\$14,400	\$14,400	A	University of Connecticut Health Center	Summer 2017 High School Summer Research Apprenticeship Program
		Martin	\$35,000	\$35,000	A	University of Connecticut Health Center	Great Explorations
		Martin	\$15,550	\$15,550	A	University of Connecticut Health Center	2016-2017 Health Professions Partnership Initiative - Academic Year
		Martin	\$36,050	\$36,050	A	University of Connecticut Health Center	Summer 2017 Pre-College Enrichment Program (PCEP)
		Martin	\$33,088	\$33,088	A	University of Connecticut Health Center	Summer 2017 Health Disparities Clinical Summer Research Fellowship Program (HDCSRFP)
		Martin	\$83,948	\$83,948	A	University of Connecticut Health Center	Summer 2017 Medical Dental Preparatory Program (MDPP)
		Martin	\$18,592	\$18,592	A	University of Connecticut Health Center	Summer 2017 Summer Research Fellowship Program (SRFP)
<b>Chemistry &amp; Biochemistry</b>							
		Maurer	\$13,000	\$13,000	A	NASA/CT Space Grant	The effect of membranes on the polymerization of amino acids under early Earth conditions
		Maurer	\$224,194	\$201,773	A	NASA	Energy Transduction And Carbon-Fixation By Membrane-Bound Polycyclic Aromatic Hydrocarbons As An Early Photosynthetic Model (16-EXO16_2-0118)
		Maurer	\$133,664		P	National Science Foundation	Collaborative Research: Life Out of Water - Possibility of Evolution in Non-Aqueous Environments
<b>Computer Science</b>							
		Kjell	\$32,050	\$32,050	A	City of Hartford, Board of Education	Education MSP Grant
		Kurkovsky	\$3,306,709		P	National Science Foundation	CSMP Scholarship Program of Central Connecticut

<b>Academic Unit</b>	<b>Department</b>	<b>PI/Proj. Director</b>	<b>Request</b>	<b>Funding</b>	<b>Status</b>	<b>Sponsor</b>	<b>Project Title</b>
		Kurkovsky	\$161,354	\$161,351	A	National Science Foundation	LEGO-Based Active Learning Activities for Software Engineering Education
	<b>Engineering</b>						
		Amaya-Bower	\$9,788	\$0	N	NASA/CT Space Grant	Computational Study of Heat Transfer Using Multiphase Flow in T-Junction Microchannel
		Amaya-Bower	\$8,480	\$0	N	NASA/CT Space Grant	Computational Study of Heat Transfer Using Multiphase Flow in T-Junction Microchannel
		Hammad	\$10,000	\$0	N	NASA/CT Space Grant	Coherent Structures in Turbulent Flows Over Cavities
		Hanson	\$1,000	\$1,000	A	NASA/CT Space Grant	The Implementation of Unmanned Aerial Vehicles for the Detection of Radioactivity
		Hill	\$1,000	\$1,000	A	NASA/CT Space Grant	Multi-Rotor with Multi-Directional Robotic Arm
		Vasko	\$69,766	\$69,766	A	Federal Aviation Administration	Cabin Interior and Engine Related Impact and Failure Analysis Guidelines for Non-Linear Finite Element Modeling
		Vasko	\$70,000		P	Federal Aviation Administration	Cabin Interior and Engine Related Impact and Failure Analysis Guidelines for Non-Linear Finite Element Modeling
		Wei	\$30,000	\$30,000	A	NASA/CT Space Grant	Summer Helicopter UAS Program
		Wei	\$10,000	\$0	N	NASA/CT Space Grant	Design of a 3-Bladed Scaled Intermeshing K-Max Helicopter
	<b>Geological Sciences</b>						
		Piatek	\$47,732		P	NASA	JHU-APL
	<b>Manufacturing and Construction Management</b>						
		Kovel	\$57,349		P	Mine Safety and Health Administration	MSHA Health and Safety Grants

<b>Academic Unit</b>	<b>Department</b>	<b>PI/Proj. Director</b>	<b>Request</b>	<b>Funding</b>	<b>Status</b>	<b>Sponsor</b>	<b>Project Title</b>
		Wang	\$10,000	\$0	N	NASA/CT Space Grant	Development of ReMoBot: a system for Tele-robotic repair in space with industrial collaborative robots and Virtual Reality (VR)
		Wang	\$10,000	\$0	N	NASA/CT Space Grant	Human-Centered Collaborative Robot System for Repairs in Space with VR and AR
<b>Mathematical Sciences</b>							
		Bailesteanu	\$42,000		P	Simons Foundation	Geometric Methods for Diffusion Equations
		Keazer	\$4,967		N	Hartford Consortium	Supporting the Common Core Math Practices Through Collaborations
		Perdomo	\$42,000		P	Simons Foundation	Study of cmc hypersurfaces and three body problem
<b>Office of the Dean (Technology)</b>							
		Malhas	\$20,000		P	CT Department of Transportation	National Summer Transportation Institute
<b>Physics and Engineering Physics</b>							
		Butt	\$7,000	\$7,000	A	NASA/CT Space Grant	Travel to San Diego, CA
		Sharma	\$10,000	\$0	N	NASA/CT Space Grant	Laser Investigations of Earth's Planetary Boundary Layer and Cloud Heights
		Sharma	\$10,000	\$0	N	NASA/CT Space Grant	Laser Investigations of Earth's Planetary Boundary Layer and Cloud Heights
		<b>Subtotals:</b>	<b>\$4,609,537</b>	<b>\$753,568</b>			
<b>Total Funds Requested:</b>			<b>\$14,817,648</b>				
<b>Total Funds Awarded:</b>			<b>\$2,689,562</b>				