

Spring 2018

External Funding Bulletin, January - June 2018

UNO Office of Research and Creative Activity
University of Nebraska at Omaha

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Recommended Citation

Office of Research and Creative Activity, UNO, "External Funding Bulletin, January - June 2018" (2018).
Sponsored Programs Bulletins. 42.

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OFFICE OF RESEARCH AND CREATIVE ACTIVITY



EXTERNAL FUNDING BULLETIN

Congratulations to the recent award recipients!
January 1, 2018 - June 30, 2018

College	Department	Title	Sponsor	Award
<u>Academic and Student Affairs</u>				
<u>Community Engagement Center</u>				
	Woods, Sara	Black Police Officers Association Internship	Black Police Officers Association	\$3,500
		Women's Fund of Omaha Internship	Women's Fund of Omaha	\$8,109
<u>Office of Research & Creative Activity</u>				
	Myers, Sara	Great Plains Institutional Development Award-Clinical and Translational Research	University of Nebraska Medical Center/National Institutes of Health	\$61,529
	Snyder, Scott	Strategic Leadership Fellows Program	National Strategic Research Institute/U.S. Department of Defense	\$102,917
<u>College of Arts & Sciences</u>				
<u>Biology</u>				
	Cutucache, Christine	NE STEM 4U: Engaging elementary school youth in STEM opportunities and careers	Collective for Youth	\$3,324
		NE STEM 4U Contract with KidsCan for Wakonda Elementary	Kids Can Community Center	\$1,056
	Davis, Paul	NSRI Task Order 0059	National Strategic Research Institute/U.S. Department of Defense	\$155,000
		Optimization of Antischistosomal Chemotypes	University of Nebraska Medical Center/National Institutes of Health	\$38,090
		NSRI Task Order 0059	National Strategic Research Institute/ U.S. Department of Defense	\$44,167
		Human Vaccine to Toxoplasma gondii - Supplement	Prommune, Inc./National Institutes of Health	\$9,821
	Rodie, Steve	UNO Community Engagement Center Rain Garden	Papio-Missouri River Natural Resources District	\$5,000
	White, Jeremy	White-nose Syndrome Survey (year 5)	Nebraska Game and Parks Commission/U.S. Fish and Wildlife Service	\$22,096
<u>History</u>				
	Saltamacchia, Martina	Beowulf: The Epic in Performance	Humanities Nebraska	\$800
<u>Mathematics</u>				
	Swift, Andrew	UNO/MCC Graduate Assistant Training	Metropolitan Community College	\$28,820

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<u>Office of Latino/Latin American Studies</u>					
		Dona, Cristian	Legal Aid Access by Migrant Agricultural Workers - Nebraska Legal Aid Research Project	Legal Aid of Nebraska	\$39,037
<u>Political Science</u>					
		Black, Michelle	Task Order 17-FU908: Nuclear Deterrence and Escalation Workforce Development Support	National Strategic Research Institute/U.S. Department of Defense	\$20,630
			Task Order 17-FU908: Nuclear Deterrence and Escalation Workforce Development Support	National Strategic Research Institute/ U.S. Department of Defense	\$17,700
<u>Psychology</u>					
		Allen, Joseph	Stress and Violence in fire-based EMS Responders	Drexel University/U.S. Department of Homeland Security	\$10,000
			FOCUS Survey Dissemination and Implementation	Drexel University/U.S. Department of Homeland Security	\$12,949
			CAPS UP Track Programs Safety	Union Pacific Railroad Company	\$109,736
			CAPS Do Space Misc Work	Do Space	\$2,000
			VPA-UNO KHS Seminar	Kansas Humane Society	\$2,600
			VPA-UNO for Sacramento SPCA	Sacramento SPCA	\$200
		French, Jeffrey	Dopaminergic Modulation of Social Relationships	National Institutes of Health	\$35,478
			Follower-Leader Identity Integration: Conceptualization, Instrument Validation, and Leader Development	University of California, Riverside/ Army Research Institute	\$57,997
		Reiter-Palmon, Roni			
<u>Religious Studies</u>					
		Williams, Paul	Batchelder Biblical Archaeology Conference 2018	Clifton B. and Anne Stuart Batchelder Foundation	\$5,000
<u>College of Business Administration</u>					
<u>Executive MBA Program</u>					
		Krings, Melanie	First National Bank Statistics and Visualization Course	First National Bank of Omaha	\$50,000
			Doing Data Science Using Machine Learning Models	First National Bank	\$20,000
			Intuitive Surgical China Supply Chain Analysis Project	Intuitive Surgical, Inc.	\$35,000
			Assessment Systems South American Competitive and Market Entry Analysis	Assessment Systems Corporation	\$15,000
			Blue Cross Blue Shield of NE Joint Replacement Market Analysis	Blue Cross Blue Shield of Nebraska	\$20,000
<u>Marketing & Management</u>					
		Ligon, Gina	Intelligence Support to Deterrence Operations (Phase 2)	National Strategic Research Institute/U.S. Department of Defense	\$13,781

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<u>Nebraska Business Development Center</u>					
		Boex, Aretha	First National Bank CDG Program	First National Bank of Omaha	\$30,000
		Doga, Veronica	Supplemental Procurement Technical Assistance Center Option Period 2018	Defense Logistics Agency	\$149,579
			Supplemental Procurement Technical Assistance Center Option Period 2018	Defense Logistics Agency	\$180,000
		Lang, Catherine	Nebraska Small Business Development Center	U.S. Small Business Administration	\$126,000
			Nebraska Small Business Development Center	U.S. Small Business Administration	\$155,550
			Nebraska Small Business Development Center	U.S. Small Business Administration	\$195,000
		Sargus, Harold	Leadership Development Program	U.S. Army Corps of Engineers	\$84,165
		Waters, Jean	Improving Air Quality and Health in Omaha with Better Automotive Repair Cleaners	Nebraska Environmental Trust	\$15,000
<u>College of Communication, Fine Arts & Media</u>					
<u>KVNO</u>					
		Buckingham, Dana	CPB:CSG (Restricted/Unrestricted) 9/30/19	Corporation for Public Broadcasting	\$103,372
<u>School of the Arts</u>					
		Lu, Lilly	Game Design Camps	KANEKO	\$5,377
<u>College of Education</u>					
<u>Biomechanics</u>					
		Knarr, Brian	Upper extremity rehabilitation post-stroke using head-mounted virtual reality	Dr. James Brown	\$30,000
		Malcolm, Philippe	Dynamic Indirect Calorimetry	Nebraska EPSCoR/National Science Foundation	\$25,000
		Marmelat, Vivien	Neural mechanisms underlying sensorimotor synchronization with fractal rhythms	Nebraska EPSCoR/National Science Foundation	\$24,996
		Stergiou, Nicholas	Driving Safety and Real-Time Glucose Monitoring in Insulin-Dependent Diabetes	University of Nebraska Medical Center/Toyota Motor Engineering and Manufacturing North America	\$23,095
			Harnessing Movement Variability to Treat and Prevent Motor Related Disorder	National Institutes of Health	\$1,965,319
		Zuniga Ulloa, Jorge	Innovative Student Support Project - 3D Printing Lab student worker		\$5,471
<u>School of Health and Kinesiology</u>					
		Burcal, Christopher	The Reliability and Validity of a Digital Version of the Foot and Ankle Ability Measure	Mid-America Athletic Trainers' Association	\$1,000

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		Coleman, Jason	HIV Testing and Prevention Program	Nebraska Department of Health and Human Services	\$35,304
			Facilitation of Community Advisory Committee Foundation	Douglas County	\$5,000
			HIV Testing and Prevention Program 2018	Nebraska Department of Health and Human Services	\$35,305
			Support for WFO's Adolescent Health Project	Women's Fund of Omaha	\$194,300
	<u>Special Education & Communication Disorders</u>				
		Swain, Kristine	OPS Career Ladder in Special Education	Omaha Public Schools/Sherwood Foundation	\$316,896
	<u>Teacher Education</u>				
		Grandgenett, Nealy	BODYMODELS: Biomechanics to Offer Diverse Young Minds Opportunities to Develop, Explore and Learn STEM	National Science Foundation	\$1,199,939
		McGlamery, Sheryl	UNO EUREKA SYSTEM	Girls, Inc.	\$80,000
<u>College of Information Science & Technology</u>					
	<u>Dean's Office</u>				
		Khazanchi, Deepak	Service Agreement: First Responders Foundation Salesforce Platform Integration	First Responders Foundation	\$7,828
			Service Agreement: Omaha Performing Arts Website Analysis	Omaha Performing Arts	\$2,487
	<u>Computer Science</u>				
		Lierler, Yuliya	RI: Small: Automated Optimization of Programs and Processing Tools in Answer Set Programming	National Science Foundation	\$29,952
		Youn, Jong-Hoon	Integrated Surveillance System Study and Study of Foreign Offshore Wind Farm Complex	Mokpo National Maritime University	\$45,787
	<u>Information Systems & Quantitative Analysis</u>				
		Germonprez, Matt	Open Source Health and Sustainability: People, Projects, and Prosperity	Alfred P. Sloan Foundation	\$449,423
		Khazanchi, Deepak	H3 Website Enhancements and Maintenance	Nebraska Department of Labor	\$7,464
	<u>School of Interdisciplinary Informatics</u>				
		Derrick, Douglas	ACES Undergraduate Research Assistant (Extension)	Triangle Experience Group, Inc.	\$17,423
		Fruhling, Ann	STATPack System Maintenance	Kansas Department of Health and Environment/U.S. Department of Health and Human Services	\$15,000
			Optimizing EHR Usability for Cardiac Care	University of Nebraska Medical Center/Agency for Healthcare Research and Quality	\$137,041

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		Fruhling, Ann	University Transportation Center (UTC) Competition 2016: Year 2	University of Nebraska - Lincoln/U.S. Department of Transportation	\$74,768
			Oklahoma STATPack Maintenance	State of Oklahoma	\$15,000
		Gherzi, Dario	Analyses of Gene Expression Microarrays and Deep Sequencing of T-cell Receptors	University of Massachusetts Medical School	\$16,000
		Hale, Matt	2018 GenCyber	National Security Agency	\$110,852
			INSuRE Group Capstone Project Coordination	Purdue University/National Security Agency	\$12,000
		Mahoney, William	Analysis of Cyber Threats for the Maritime Domain	National Strategic Research Institute/U.S. Department of Defense	\$48,525
			Analysis of Cyber Threats for the Maritime Domain	National Strategic Research Institute//U.S. Department of Defense	\$34,392
		Parakh, Abhishek	REU Supplement: QuaSim: A Virtual Interactive Quantum Cryptography Educator - A Project-based Gamified Educational Paradigm	National Science Foundation	\$16,000
		Toh, Christine	CRII: CHS: Knowing and Creating: Implications of Increased Information Availability During the Design Process	National Science Foundation	\$172,401
<u>College of Public Affairs & Community Service</u>					
<u>Aviation Institute</u>					
		Tarry, Scott	COE TTHP Phase I Start-up/16-C-TTHP-UNO-001/PM015	US Federal Aviation Administration	\$4,325
<u>Grace Abbott School of Social Work</u>					
		Harder, Jeanette	Family Finding Statewide Pilot	Nebraska Department of Health and Human Services	\$40,000
			Rape Prevention and Education Program Evaluation - addendum	Nebraska Department of Health and Human Services/Centers for Disease Control	\$39,834
			Children's Scholarship Fund Year 5	Children's Scholarship Fund	\$4,000
			Prevention Means Progress - Me360 Program Evaluation Year 3	Heartland Family Service	\$10,000
			Girls Rock	Girls Rock	\$6,000
			Hope Center for Kids 2018 Spring Season of Village Basketball Association (VBA)	Hope Center for Kids	\$5,924
			Coalition on Human Trafficking Evaluation Project	Coalition on Human Trafficking	\$3,400
<u>Nebraska Center for Justice Research</u>					
		Spohn, Ryan	Vocational and Life Skills Evaluation 2018-20	Nebraska Department of Corrections	\$342,221

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		Spohn, Ryan	Connected Youth Initiative Evaluation	WestEd	\$7,363
<u>School of Criminology and Criminal Justice</u>					
		Armstrong, Gaylene	Evaluation of the Omaha Police Department (OPD) Web-based Gang Database Project	City of Omaha/Nebraska Commission on Law Enforcement and Criminal Justice	\$25,000
		Hobbs, Anne	Office of Probation_Detention Utilization Study	Nebraska Administrative Office of Probation	\$8,000
		Steiner, Benjamin	National Institute of Justice: Examining the Role of Physiological and Psychological Responses to Critical Incidents in Prisons in the Development of Mental Health Problems among Correctional Officers	U.S. Department of Justice	\$787,907
		Wylie, Lindsey	Legal Aid OJJDP Evaluation	Legal Aid of Nebraska/U.S. Department of Justice	\$47,500
			Examining Procedural Justice in Youth Diverted from the Juvenile Justice System	American Psychology - Law Society, Division 41 of the American Psychology Association	\$5,000
<u>School of Public Administration</u>					
		Eikenberry, Angela	Understanding the Landscape and Impact of Giving Circles on Members and Hosts in the U.S.	Grand Valley State University/Mott Foundation	\$1,950
		Freeman-Wakefield, Ellen	Nebraska Municipal Clerks Institute and Academy	Nebraska Municipal Clerks Association	\$7,500
<u>School of Public Administration</u>					
		Tarry, Scott	MORS: Modular Robotic Suit as an Exercise System for Maintenance of Muscle Strength of Astronauts during Long-Term Space Missions	National Aeronautics and Space Administration/EPSCoR	\$750,000
			Space Law Network: Enhance, Diversify, and Strengthen the Space Law Community Through a Network of Law Schools and Others	National Aeronautics and Space Administration	\$760,000
			NASA Nebraska EPSCoR Research Infrastructure Development (RID) Program FY 2015-2017	National Aeronautics and Space Administration/EPSCoR	\$125,000
<u>Criss Library</u>					
<u>Criss Library Research Services</u>					
		Blackburn, Heidi	Women in STEM in Higher Education Bibliography	American Library Association	\$4,800
<u>International Studies and Programs</u>					
<u>International Studies & Programs - Dean's Office</u>					
		McNamara, Patrick	Kabul Polytechnic University - Masters' in Hydraulics and Hydrotechnical Construction Degree Partnership	fhi 360/U.S. Agency for International Development	\$200,000

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	McNamara, Patrick	University of Nebraska at Omaha, Kabul University, Balkh University Partnership in Communication Program	fhi 360/U.S. Agency for International Development	\$300,000
		Kabul Polytechnic University - Masters' in Hydraulics and Hydrotechnical Construction Degree Partnership	fhi 360/U.S. Agency for International Development	\$185,813
		University of Nebraska at Omaha, Kabul University, Balkh University Partnership in Communication Program	fhi 360/U.S. Agency for International Development	\$317,132

Total Award Amount January 1-June 30, 2018: \$11,138,017

Total FY 2018 Award Amount: \$22,403,507