


2023

External Funding Bulletin, January - June 2023

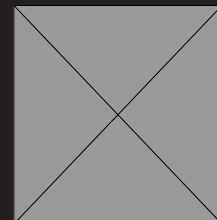
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OFFICE OF RESEARCH AND CREATIVE ACTIVITY



EXTERNAL FUNDING BULLETIN

Congratulations to the recent award recipients!

January 1, 2023 - June 30, 2023

College

Department

Name

Title

Sponsor

Award

Academic Affairs

College of Business Administration - Dean's Office

Trawick, Michelle	NSF I-Corps Hub (Track 2): Great Plains Region	North Dakota State University/ National Science Foundation	\$116,542
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Student Affairs

Bock, Nathan	Embedded Therapist for CAPS	University of Nebraska Medical Center/U.S. Department of Treasury	\$100,000
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College of Arts & Sciences

Biology

Ayayee, Paul	Linking the riverine microbiome and process rates to ecosystem function in two Nebraska river systems	University of Nebraska - Lincoln/ U.S. Geological Survey	\$199,936
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Clayton, Jonathan	A Model of Antibiotic-induced Gut Dysbiosis and Depressive Symptomatology	National Institutes of Health	\$126,738
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Davis, Paul H.	R01 Anti-schisto AR102 drug development	University of Nebraska Medical Center/National Institutes of Health	\$52,000
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Denton, Paul W.	Dissecting the Differential Impacts of Toll-like Receptor 9 Agonism on the Capacity of Human Natural Killer Cells to Mediate Target Cell Killing	National Institutes of Health	\$371,250
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Dickson, Timothy	Effects of Bison and Cattle Grazing on Milkweeds and Monarch Butterflies	Monarch Butterfly Fund	\$3,000
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Hribljan, John	Nitrate loading and legacy effects on nitrogen and carbon cycling in the playa wetlands of the High Plains	University of Nebraska - Lincoln/ U.S. Geological Survey	\$246,028
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Lu, Guoqing	Role of chive-derived exosome-like nanoparticles in suppressing inflammation in obesity	University of Nebraska - Lincoln/ National Institutes of Health	\$13,971
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White, Jeremy	Bat Inventory and Management at Offutt Air Force Base (BIM OAFB)	U.S. Department of Interior	\$47,709
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Wilson, James	Surveys for Eastern Spotted Skunks (Spilogale putorius) in Nebraska	Nebraska Game and Parks Commission/U.S. Department of Interior	\$17,501
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Wong, Ryan	Cellular Signaling Dynamics of Neuroendocrine and Oxidative Stress between Alternative Stress Resilience Phenotypes	University of Nebraska Medical Center/National Institutes of Health	\$22,275
	YNS High School Researcher 2023	University of Nebraska - Lincoln/Nebraska EPSCoR	\$3,200
<u>Chemistry</u>			
Svechkarev Denis	A ratiometric fluorescent sensor array for bacterial pathogen investigation	University of Nebraska Medical Center/National Institutes of Health	\$63,044
<u>English</u>			
Girten, Kristin	Tell All the Truth Project	Andrew W. Mellon Foundation	\$500,000
<u>Health Careers Resource Center</u>			
Davis, Paul H.	Area Health Education Center 2022/23-supplement	University of Nebraska Medical Center/Health Resources and Services Administration	\$47,790
<u>History</u>			
Celinscak, Mark	Nobody's Listening	Nebraska Arts Council/National Endowment for the Arts	\$1,620
Clark, James	Dr. Shervin Malekzadeh speaker	American Institute of Iranian Studies	\$2,132
Saltamacchia, Martina	Dialogos: Barlaam and Josaphat	Nebraska Arts Council/National Endowment for the Arts	\$4,461
	Barlaam & Josaphat	Humanities Nebraska	\$2,000
	Winchell Lecture 2023	Humanities Nebraska	\$2,000
<u>Physics</u>			
Dahl, Erin	Aim for the Stars Summer Camp	Nebraska EPSCoR/National Science Foundation	\$5,000
Sabirianov, Renat	RII Track-1: Emergent Quantum Materials and Technologies (EQUATE)	University of Nebraska - Lincoln/National Science Foundation	\$219,018
<u>Political Science</u>			
Obradovic, Lana	BOLD (BiH Omladinski Lideri, Bosnia and Herzegovina Young Leaders) Academic Fellowships for BiH Student Leaders	U.S. Department of State	\$67,213
<u>Psychology</u>			
Hunter, Samuel	Metaverse Experience	U.S. Department of Homeland Security	\$10,024
Kupzyk, Sara	Family-Engaged Educational Training (Project FEET)	Nebraska Department of Health and Human Services/U.S. Department of Health and Human Services	\$20,000

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Strasser, Rose	Salivary Alpha-Amylase as a Biomarker of Stress in Pet Dogs	American Society for the Prevention of Cruelty to Animals	\$20,000
<u>College of Business Administration</u>			
<u>Nebraska Business Development Center</u>			
Doga, Veronica	NBDC APEX Accelerators Budget Proposal 2023	U.S. Department of Defense Office of Small Business Programs	\$796,334
	NBDC APEX Accelerators Budget Proposal 2023	U.S. Department of Defense Office of Small Business Programs	\$159,266
Schultz, Tony	2023 SBDC Grant	U.S. Small Business Administration	\$616,777
	2023 SBDC Grant	U.S. Small Business Administration	\$161,000
<u>College of Communication, Fine Arts & Media</u>			
<u>KVNO</u>			
Allen, Chris	CPB:CSG (Restricted/Unrestricted 9/30/24)	Corporation for Public Broadcasting	\$124,684
<u>School of Music</u>			
Madsen, Pete	UNO Great Plains Jazz Festival 2024	Nebraska Arts Council	\$5,673
<u>College of Education, Health, and Human Sciences</u>			
<u>Biomechanics</u>			
Kamenskiy Alexey	Optimized Stents for the Femoropopliteal Artery	National Institutes of Health	\$536,734
	AngioDynamics laser evaluation	AngioDynamics	\$10,000
	Effect of cell-based therapies on functional, hemodynamic, and histologic outcomes in a porcine model of peripheral arterial disease.	University of Nebraska Medical Center/National Institutes of Health	\$4,457
Knarr, Brian	The effects of overground visual biofeedback on walking speed and symmetry in individuals post-stroke	University of Nebraska Medical Center/National Institutes of Health	\$69,920
Likens, Aaron	Repeated Bouts of Physical Stress: A Lab Based Simulated Multiday Mission Scenario	National Strategic Research Institute/U.S. Department of Defense	\$93,211
	Great Plains Biomechanics Conference Grant	American Society of Biomechanics	\$2,000
Mukherjee, Mukul	Improving gait outcomes in stroke survivors through tactile stimulation: Understanding the brain mechanisms	American Heart Association	\$77,000
Myers, Sara	Multi-Mode Exoskeleton Boot to Facilitate Rehabilitation and Return to Service	Results Group LLC/Defense Health Agency	\$269,767
Zuniga, Jorge	The influence of 3D printed prostheses on neural activation patterns of the primary motor cortex in children with unilateral congenital upper-limb reductions	National Institutes of Health	\$270,386

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	The influence of 3D printed prostheses on neural activation patterns of the primary motor cortex in children with unilateral congenital upper-limb reductions	National Institutes of Health	\$30,044
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	Neural Correlates of Movement Variability during Simulated Driving	Nebraska EPSCoR	\$19,601
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	Innovative Student Support Project	Innovative Prosthetics & Orthotics	\$17,292
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Department of Counseling

Adams, Charmayne	Advanced Training and CMHC Internship	University of Nebraska Medical Center/U.S. Department of Treasury	\$500,000
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Bjornsen-Ramig, Abby	Counselor Training Recruitment and Clinical Practicum Experience	University of Nebraska Medical Center/U.S. Department of Treasury	\$500,000
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School of Health and Kinesiology

Burcal, Christopher	Correlation between Center of Pressure Deviation and Proprioception Performance in those with Chronic Ankle Instability	Nebraska State Athletic Trainers' Association	\$500
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Coleman, Jason	Support for WFO Adolescent Health Project	Women's Fund of Omaha	\$198,004
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	Nebraska HIV Testing and Prevention Program	Nebraska Department of Health and Human Services/Centers for Disease Control	\$72,446
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Olagoke, Ayo	CEAL - Community Engagement Research Alliance (CEAL) Against COVID-19 Disparities	Washington University in St. Louis/Westat Inc	\$33,974
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	CEAL - Community Engagement Research Alliance (CEAL) Against COVID-19 Disparities	Washington University in St. Louis/National Institutes of Health	\$15,099
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Park, Song-Young	MitoQ treatment of claudication: myofiber and micro-vessel pathology	University of Nebraska Medical Center/National Institutes of Health	\$84,988
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	Thermoregulation in individuals with a leg amputation: mechanics and vascular physiology factors to understand risks for tissue complications	The University of Utah/National Institutes of Health	\$71,972
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	Roles of Keap1-Nrf2 in microcirculation of peripheral artery disease	University of Nebraska Medical Center/National Institutes of Health	\$70,546
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	Mechanism of metabolic remodeling in the diabetic heart	University of Nebraska Medical Center/National Institutes of Health	\$28,946
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Special Education & Communication Disorders

Scheffel, Lucia	SPEAK OUT! Therapy and Research Center	Parkinson Voice Project	\$55,000
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Teacher Education

Gomez Johnson, Kelly	The Inquiry-Based Learning Regional Communities Project	Idaho State University/National Science Foundation	\$13,499
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McGlamery, Sheryl	UNO Eureka STEM	Girls, Inc.	\$20,000
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Nero, Derrick	UNO Black Excellence - Natural Hair Conference	I Be Black Girl	\$4,547
Wisneski Debora	Responsive Equitable System for Preparing Early Childhood Teachers (RESPECT) Across Nebraska	University of Nebraska - Lincoln/ Buffett Early Childhood Institute	\$208,856

College of Information Science & Technology

Computer Science

Ali, Hesham	Advanced Bioinformatics approaches for analyzing multi-omics profiling of molecular samples in cancer studies	Mayo Foundation for Medical Education and Research	\$33,000
Chundi, Parvathi	Intergovernmental Personnel Act Assignment (IPA): NSF	National Science Foundation	\$227,839
Perez, Alfredo	REU Site: REU Site on Security and Privacy for Mobile Sensing and the Internet of Things	National Science Foundation	\$127,232
	iBelong Workshops: A summer workshop series in IT/CS/Cyber for middle school students from underrepresented minorities (URM) and low-income / economically disadvantaged communities in the Omaha NE metropolitan area	Institute of Electrical and Electronics Engineers	\$12,000

Information Systems & Quantitative Analysis

Germonprez, Matt	CHAOSS: Building Sustainability	Alfred P. Sloan Foundation	\$1,611,267
Khazanchi, Deepak	CodeCrush: An iSTEM Immersion Experience for 8th/9th Grade Female Students in Nebraska	Mutual of Omaha Foundation	\$25,000
Tsai, Chun-Hua	CRII: HCC: Facilitating and Empowering Human-AI Collaboration through Conversational Explanations	National Science Foundation	\$8,000

School of Interdisciplinary Informatics

Babb, Derek	Completely Kids After School Clubs	Completely Kids	\$25,000
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College of Public Affairs & Community Service

Aviation Institute

Lutte, Becky	Dwight David Eisenhower Transportation Fellowship Program (DDETFP) Graduate Fellowship	U.S. Department of Transportation	\$5,000
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Center for Public Affairs Research

Schafer, Josie	Support Development of a State Digital Equity Plan	Nebraska Information Technology Commission/U.S. Department of Commerce	\$30,000
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	Nebraska Technology Collaborative to Develop and Update an Online Dashboard of the Technology Sector in Nebraska	AkSarBen Foundation/	\$30,000
	2023 Policy Briefs for the Planning Committee of the Nebraska State Legislature	State of Nebraska Legislature	\$25,000
	Womens Fund of Omaha to Report on the Status of Women and Girls in Nebraska	Women's Fund of Omaha	\$20,000
	Community Survey for Manhattan, Kansas	City of Manhattan	\$14,000
	Develop a distribution formula for the Community Services Block Grant to the Community Action Partnerships	Nebraska Department of Health and Human Services	\$9,800
	Exploring Variation in the Economic Impact of Anchor Institutions with Regional Demographics	Coalition of Urban and Metropolitan Universities	\$5,000
	Nebraska Community Foundation Youth Survey	Nebraska Community Foundation	\$3,000
	NACO County Official Online Learning Network	University of Nebraska - Lincoln/ Nebraska Association of County Officials	\$2,600

Gerontology

Blaskewicz Boron, Julie	Caregivers of People with Memory Loss: Relationships between the Built Environment and Sleep Quality in South Asian Refugees	John Hopkins University/National Institutes of Health	\$32,400
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Grace Abbott School of Social Work

Olson, Alisha	Broader Nebraska Social Work Sustainability Project	University of Nebraska Medical Center/U.S. Department of Treasury	\$500,000
Reay, Susan	Project REST (Reflect and Explore in Supervision Training)	University of Nebraska Medical Center/U.S. Department of Treasury	\$100,000
	Inclusive Healers of the Heartland	Inclusive Healers of the Heartland, Inc.	\$3,000

Nebraska Center for Justice Research

Spohn, Ryan	Nebraska Correctional Program Evaluation	Nebraska Department of Correctional Services	\$852,475
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School of Criminology & Criminal Justice

Armstrong, Gaylene	Expanding Violence Intervention Services to Families Affected by Gun Violence	City of Omaha/U.S. Department of Justice	\$585,274
	Encompass Omaha: A Hospital-based Violence Intervention Program	City of Omaha/U.S. Department of Justice	\$284,423
	Medicolegal Death Investigation Conference and Professional Development	Nebraska Department of Health and Human Services/Centers for Disease Control	\$80,000

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Clinkenbeard, Samantha	2022 LEMHWA Evaluation	City of Omaha/U.S. Department of Justice	\$30,373
Kearns, Erin	Screening for Insider Threats in US Law Enforcement: A national representative sample of department policies and practices	U.S. Department of Homeland Security	\$121,792
Kulig, Teresa	OPD-UNO Collaboration for the Prevention and Intervention of Human Trafficking against Children in Omaha	University of Nebraska Medical Center/National Institutes of Health	\$35,637
Richards, Tara	Identifying the Scope and Context of Missing and Murdered Indigenous Persons (MMIP) in New Mexico and Improving MMIP Data Collection, Analysis, and Reporting	U.S. Department of Justice	\$249,382

School of Public Administration

Eikenberry, Angela	Siloed Voices with a Resounding Experience: A Phenomenological Analysis of the Experiences of Black HBCU Aviation Students	American Educational Research Association	\$25,000
Lucas, Michaela	Stepping Stars: Engaging Pre-College Students in NASA Science and Technology	Ohio Aerospace Institute	\$9,000
Tarry, Scott	NASA Nebraska EPSCoR Research Infrastructure Development FY22-26	National Aeronautics and Space Administration	\$200,000

Criss Library

Criss Library Archives & Special Collections

Schindler, Amy	Access to the Leonard and Shirley Goldstein Collection	Shirley and Leonard Goldstein Supporting Foundation	\$8,000
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Division of Student Life & Wellbeing

Alcohol & Drug Education

Frillman, Mark	Partnership For Success (PFS) Omaha Collegiate Consortium (OCC)	University of Nebraska - Lincoln/Region 6 Behavioral Healthcare	\$39,610
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Total Award Amount January 1 - June 30, 2023: \$12,797,079