


Spring 2020

External Funding Bulletin, January - June 2020

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

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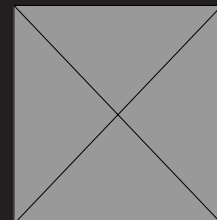
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OFFICE OF RESEARCH AND CREATIVE ACTIVITY



EXTERNAL FUNDING BULLETIN

Congratulations to the recent award recipients!

January 1, 2020 - June 30, 2020

College

Department

Name

Title

Sponsor

Award

Academic Affairs

Office of Research & Creative Activity

Myers, Sara

Great Plains Institutional Development
Award-Clinical and Translational Research

University of Nebraska Medical
Center/National Institutes of Health

\$50,554

College of Arts and Sciences

Biology

Davis, Paul H.

R01 Anti-schisto AR102 drug development

University of Nebraska Medical
Center/National Institutes of Health

\$52,000

NSRI ADEPT Scholars

National Strategic Research
Institute/U.S. Department of
Defense

\$334,000

NSRI ADEPT Scholars

National Strategic Research
Institute/U.S. Department of
Defense

\$71,913

NSRI ADEPT Scholars

National Strategic Research
Institute/U.S. Department of
Defense

\$69,000

Wong, Ryan

CAREER: Impact of stress coping style on
cognitive processes and the underlying
neuromolecular mechanisms

National Science Foundation

\$650,000

Health Careers Resource Center

Davis, Paul H.

AHEC Omaha

University of Nebraska Medical
Center/Health Resources and
Services Administration

\$19,016

Mathematics

Torres Vitor, Fabio

Multidimensional Search Algorithms to
Solve Optimization Models

Nebraska EPSCoR/National Science
Foundation

\$25,000

Office of Latino/Latin American Studies

Dona, Cristian

Crisis and Culture of Fear among Latino
Communities in the Midwest

University of Houston

\$7,500

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January 1, 2020 - June 30, 2020

College Department Name	Title	Sponsor	Award
<u>Psychology</u>			
Alyetama, Mohammad	Investigating the Effects of Chronic Infection of Toxoplasma gondii on the Domestic Cat	Animal Behavior Society	\$2,000
French, Jeffrey	Dopaminergic Modulation of Social Relationships	National Institutes of Health	\$37,144
Reiter-Palmon, Roni	Job and position analysis for Athletic Trainers BOC	Board of Certification for the Athletic Trainer	\$9,439
	The Nebraska Mindfulness Project - Program Evaluation	Amis Family Foundation	\$3,718
<u>College of Business Administration</u>			
<u>Management</u>			
Ligon, Gina	NATIONAL COUNTERTERRORISM, INNOVATION, TECHNOLOGY, AND EDUCATION (NCITE) CENTER	U.S. Department of Homeland Security	\$3,650,000
Medeiros, Kelsey	An ethical leadership assessment center: Assessing and developing moral person and moral manager dimensions	Society for Industrial and Organizational Psychology Foundation, Inc.	\$10,000
<u>Nebraska Business Development Center</u>			
Doga, Veronica	Procurement Technical Assistant Center 2020	Defense Logistics Agency	\$462,000
	Procurement Technical Assistant Center 2020	Defense Logistics Agency	\$198,000
Lang, Catherine	Small Business Development Center Grant	U.S. Small Business Administration	\$750,000
Sargus, Harold	Leadership Development Program	U.S. Army Corps of Engineers	\$76,534
Schultz, Tony	First National Bank Community Development Grant	First National Bank of Omaha	\$10,000
Yoder, Richard	2019 Flood Response - SBA Portable Assistance Grant	U.S. Small Business Administration	\$100,000
<u>College of Communication, Fine Arts & Media</u>			
<u>KVNO</u>			
Allen, Chris	CPB:CSG (Restricted/Unrestricted) 9/30/21	Corporation for Public Broadcasting	\$112,763
<u>School of Music</u>			
Perkinson, Mary	Nebraska HeartBeats	Nebraska Arts Council	\$3,289

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January 1, 2020 - June 30, 2020

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<u>School of the Arts</u>			
Lu, Lilly	Teaching and Learning Art and Design in the Virtual Age: Affordances and Applications of Augmented and Virtual Realities for Art & Design Education	National Art Education Foundation	\$10,500
<u>College of Education, Health, and Human Sciences</u>			
<u>Biomechanics</u>			
Kamenskiy, Alexey	Optimized Stents for the Femoropopliteal Artery	National Institutes of Health	\$548,359
	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	\$7,501
	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	\$11,496
	Rapid Acute Endovascular Management of Non-Compressible Truncal and Junctional Hemorrhage and Long-Term Analysis of Stent-Graft	University of Nebraska Medical Center/U.S. Army Medical Research and Development Command	\$15,823
Lanier Knarr, Amelia	Great Plains Biomechanics Conference	American Society of Biomechanics	\$2,000
Maleckis, Kaspars	Evaluation of Stents Subjected to Axial, Bending, and Torsional Deformation	Qmedics AG	\$4,020
Myers, Sara	Exoskeleton footwear to improve walking performance and subject-reported preference	Omaha Veterans Administration Medical Center/U.S. Department of Veterans Affairs	\$65,619
	Exoskeleton footwear to improve walking performance and subject-reported preference	Omaha Veterans Administration Medical Center/U.S. Department of Veterans Affairs	\$32,064
	Exoskeleton footwear to improve walking performance and subject-reported preference	Omaha Veterans Administration Medical Center/U.S. Department of Veterans Affairs	\$14,313
	Exoskeleton footwear to improve walking performance and subject-reported preference	Omaha Veterans Administration Medical Center/U.S. Department of Veterans Affairs	\$5,273
	Improving mobility in peripheral artery disease using an ankle foot orthosis	National Institutes of Health	\$408,149
Yentes, Jenna	Improving exercise capacity in chronic obstructive pulmonary disease patients through uphill walking	Omaha Veterans Administration Medical Center/U.S. Department of Veterans Affairs	\$34,305
Zuniga, Jorge	3DLifePrints Student Support Project	3D LifePrints	\$5,940

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<u>School of Health and Kinesiology</u>			
Coleman, Jason	Nebraska HIV Testing and Prevention Program -2020	Nebraska Department of Health and Human Services/Centers for Disease Control	\$204,885
	Nebraska HIV Testing and Prevention Program -2020	Nebraska Department of Health and Human Services/Centers for Disease Control	\$68,295
<u>School of Health and Kinesiology</u>			
Coleman, Jason	Support for WFO&Adolescent Health Project	Women's Fund of Omaha	\$49,500
<u>Teacher Education</u>			
Reding, Tracie	Impact of Digital Learning Interactions in STEM Education	Unizin	\$10,000
<u>College of Information Science & Technology</u>			
<u>College of Information Science & Technology - Dean's Office</u>			
Khazanchi, Deepak	Omaha Medical Device Pipeline, i6 Challenge	University of Nebraska Medical Center/U.S. Economic Development Administration	\$159,000
	AIA Nebraska - Nebraska 150 Mobile Passport	Architectural Foundation of Nebraska	\$19,122
	Service Agreement: Johnson Recycling Solutions	Johnson Recycling Solutions	\$5,000
	Janssen Auto Group Financial Web Tool	Janssen & Sons Inc.	\$6,000
<u>Computer Science</u>			
Morrison, Briana	Website for the History of SIGCSE's Conferences	Association for Computing Machinery	\$4,000
<u>Information Systems & Quantitative Analysis</u>			
Germonprez, Matt	Securing and Expanding CHAOSS for Measuring Health and Sustainability of Open Source Software Communities	The Curators of the University of Missouri on behalf of the University of Missouri-Columbia/Alfred P. Sloan Foundation	\$317,190
	MOSS - Open Source Project Health: Advancing CHAOSS Metrics and Software	Mozilla Corporation	\$147,953
<u>School of Interdisciplinary Informatics</u>			
Cooper, Kate	Development of Real-time Clinical Data Visualization Tools through User-Centered Software Design	University of Nebraska Medical Center/National Institutes of Health	\$5,423

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Derrick, Douglas	Legacy System Redesign with Union Pacific, Phase IV extension	Union Pacific Railroad Company	\$22,944
Fruhling, Ann	University Transportation Center (UTC) Competition 2016: Year 2	University of Nebraska - Lincoln/U.S. Department of Transportation	\$74,767
Hall, Magie	Micro-internships at the Margins	Facebook	\$50,000
Mahoney, William	University of Nebraska at Omaha Scholarship for Service Renewal/Outreach Project	National Science Foundation	\$660,550
Zhao, Rui	Unclonable Asset Tracking Technology	University of Nebraska - Lincoln	\$30,000

College of Public Affairs & Community Service

Gerontology

Beadle, Janelle	The Neural and Hormonal Basis of Empathy in Aging	University of Nebraska Medical Center/National Institutes of Health	\$259,352
	The Psychological, Neural, and Hormonal Bases of Caregiver Compassion Fatigue	University of Nebraska Medical Center/National Institutes of Health	\$151,875
Blaskewicz Boron, Julie	Age-Related Differences in Food Choices and Appetite Regulation in the Context of Exercise	University of Nebraska Medical Center/National Institutes of Health	\$73,250

Grace Abbott School of Social Work

Harder, Jeanette	Rape Prevention and Education Program Evaluation - 2020	Nebraska Department of Health and Human Services/Centers for Disease Control	\$40,000
	NE DHHS Drug Overdose Prevention: Prescription Drug Monitoring Program 2020-2022	Nebraska Department of Health and Human Services/Centers for Disease Control	\$19,191
	Community Action Partnership of Lancaster and Saunders Counties - Community Assessment, 2020	Community Action Partnership of Lancaster and Saunders Counties/ U.S. Department of Health and Human Services	\$24,056
	Girl's Rock 2020-2021--Evaluation of Girl's Rock Summer Camp	Girls Rock	\$4,500
	Prevention Means Progress 2020	Heartland Family Service/U.S. Department of Health and Human Services	\$10,000
	Metro Omaha Tobacco Action Coalition 2020	Heartland Family Service/Nebraska Department of Health and Human Services	\$8,600
	Betsy Funk Therapy LLC: The "GREAT" Kids Group 2020	Betsy Funk Therapy, LLC	\$7,000

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Reay, Susan

System of Care

Nebraska Department of Health and Human Services/Substance Abuse and Mental Health Services Administration

\$247,506

Sims, Lequisha

I Be Black Girl: Strengths-Based Environmental Scan on Black Women & Girls

I Be Black Girl

\$10,000

Nebraska Center for Justice Research

Spohn, Ryan

Reducing Violence/Recidivism through VRP Aftercare and CBI Open Groups

Nebraska Board of Parole/U.S. Department of Justice

\$159,997

Technical Assistance Provision for Corrections

Nebraska Department of Correctional Services

\$34,228

School of Criminology & Criminal Justice

Hamilton, Zachary

King County PRINS Revalidation

King County

\$50,554

Hobbs, Anne

The Juvenile Reentry Mentoring Project

University of Nebraska Foundation

\$121,357

Kulig, Teresa

Expanding the Knowledge Base about Child Advocacy Centers

National Institute of Justice

\$142,534

Richards, Tara

Co-Located Supportive Services to Reduce Recidivism in Batterer Intervention

University of Maryland, Baltimore County/U.S. Department of Justice

\$22,792

A Descriptive Analysis of Missing and Murdered Native Women and Children in Nebraska, Barriers to Reporting and Investigation, and Recommendations for Improving Access to Justice

National Institute of Justice

\$169,264

School of Public Administration

Mwarumba, Njoki

Destigmatizing Chinese Communities in the face of 2019-nCoV: Emergency Management Actions to Address Social Vulnerability in Toronto and Nairobi

York University/Canadian Institutes of Health Research

\$47,385

Tarry, Scott

NASA Nebraska EPSCoR RID Program FY 2019-2021 Augmentation

National Aeronautics and Space Administration EPSCoR

\$150,000

Center for Afghanistan Studies

Ahmadzai, Sher Jan

UNO UKSU Partnership Building Through Enhancement of English and STEM Teaching Curriculum

American Councils for International Education

\$39,600

Total Award Amount January 1 - June 30, 2020: \$11,496,892