


Fall 2018

External Funding Bulletin, July - December 2018

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

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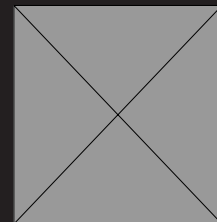
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OFFICE OF RESEARCH AND CREATIVE ACTIVITY



EXTERNAL FUNDING BULLETIN

Congratulations to the recent award recipients!
July 1, 2018 - December 31, 2018

College Department Name	Title	Sponsor	Award
<u>Academic and Student Affairs</u>			
<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	\$122,107
	Strategic Leadership Fellows Program	National Strategic Research Institute/U.S. Department of Defense	\$112,182
Meza, Jane	FY2018 Young Southeast Asian Leaders Initiative (YSEALI) Academic Fellowship	U.S. Department of State	\$1,299,993
<u>Project Achieve</u>			
Teamer, Shannon	Project Achieve	U.S. Department of Education	\$344,793
<u>Business and Finance</u>			
<u>Child Care Center</u>			
Hove, Dawn	Quality Affordable Child Care and Education For Low-Income Campus Based Students	U.S. Department of Education	\$165,940
<u>College of Arts and Sciences</u>			
<u>Biology</u>			
Blankenship, Jill	Characterization of the septin-mediated pathways involved in filamentation and cell wall integrity in the pathogenic fungus <i>Candida albicans</i>	University of Nebraska Medical Center/National Institutes of Health	\$71,500
Cutucache, Christine	Worlds of Connections: Engaging youth with health research through network science and stories in augmented reality	University of Nebraska-Lincoln/National Institutes of Health	\$25,272
	NE STEM 4U: Youth voice and student identity in elementary-aged youth	Collective for Youth/Peter Kiewit Foundation	\$19,200
	K-12 Comprehensive Science Teaching and Learning Grant	Omaha Public Schools/Sherwood Foundation	\$24,421
	K-12 Comprehensive Science Teaching and Learning Grant	Omaha Public Schools/Sherwood Foundation	\$235
Davis, Paul	Evaluation of Novel Anti-Toxoplasma Therapeutics	University of Nebraska Medical Center/National Institutes of Health	\$71,500

Congratulations to the recent award recipients!

July 1, 2018 - December 31, 2018

College

Department

Name

Title

Sponsor

Award

Davis, Paul

NSRI Task Order 0059

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

\$39,999

NSRI Task Order 0059-Davis-DMSP.00

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

\$86,188

Tapprich, William

Nebraska research network of functional genomics - Biology parent project

University of Nebraska Medical Center/National Institutes of Health

\$88,021

Virulence Determinants in the Coxsackievirus B3 RNA Genome

University of Nebraska Medical Center/National Institutes of Health

\$35,750

White, Jeremy

White-nose Syndrome Survey (year 5 supplement)

Nebraska Game and Parks Commission/U.S. Fish and Wildlife Services

\$7,651

College of Arts and Sciences - Dean's Office

McNamara, Patrick

Conflict and Uncertainty: Iran, the US, and the Middle East

American Institute of Iranian Studies

\$7,850

Geography/Geology

Maher, Harmon

Characterizing and understanding within-unit fracture pattern variability

American Chemical Society

\$70,000

History

Saltamacchia, Martina

Bridging Time: Medieval to Modern Connections

Humanities Nebraska

\$2,000

Cosmos and Creation: Hildegard's Vision

Nebraska Arts Council/National Endowment for the Arts

\$1,751

Mathematics

Majumder, Md Mahbubul

Blind Adversarial Machine Learning

Nebraska Applied Research Institute/Cisco Systems

\$15,028

Rogers, Jim A

Macrophage, Meth, HIV and Histones: An Interplay

University of Nebraska Medical Center/National Institutes of Health

\$72,995

Office of Latino/Latin American Studies

Dona, Christian

Cinemateca 2018

Humanities Nebraska

\$1,750

Characteristics and Conditions of Aging Latino Population in Omaha (Full Proposal)

Omaha Community Foundation

\$24,932

Physics

Krasnoslobodtsev, Alexey

Stable SERS-based nanosensors for detection of cancer biomarkers

University of Nebraska Medical Center/National Institute of Health

\$117,200

Political Science

Black, Michelle

Task Order 17-FU908: Nuclear Deterrence and Escalation Workforce Development Support

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

\$43,974

Kilinc, Ramazan

Dialogue with Muslim Communities in Omaha: Islam and Religious Pluralism

Humanities Nebraska

\$3,000

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Department

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Award

McNamara, Patrick

Partnership 2020: Leveraging US-India Cooperation in Higher Education to Harness Economic Opportunities and Innovation

U.S. Department of State

\$1,150,000

Neathery-Castro, Jody

Crowdsourcing Evidence, Argumentation, Thinking and Evaluation (CREATE)

George Mason University/
Intelligence Advanced Research
Projects Activity

\$16,931

Psychology

Allen, Joe

Creating a FOCUS on Safety Culture through fire service assessment and training

Drexel University/U.S. Department of Homeland Security

\$42,453

VPA HSPPR 2018

Humane Society of Pikes Peak Region

\$700

Stress and Violence in fire-based EMS Responders

Drexel University/U.S. Department of Homeland Security

\$10,000

French, Jeffrey

Oxytocin Ligand/Receptor Variants and Social Behavior

National Institutes of Health

\$302,044

Reiter-Palmon, Roni

Follower-Leader Identity Integration: Conceptualization, Instrument Validation, and Leader Development

University of California, Riverside/
Army Research Institute

\$43,670

Shriver, Mark

Interdisciplinary Personnel Preparation in Systemic Behavioral Intervention to Serve School-Age Children with Significant Behavioral Concerns

U.S. Department of Education

\$250,000

Sollars, Suzanne

Identifying a Target for the Prevention and Treatment of Autism Spectrum Disorder

Buffett Early Childhood Institute

\$25,000

Religious Studies

Hutt, Curtis

We Walked the Same Streets: African-American and Jewish Cooperation & Conflict in Omaha

Humanities Nebraska

\$1,400

Sociology/Anthropology

Heineman, Jennifer

Proposal From University of Nebraska & Wittenberg University to Vital Projects Grant July 2018

Vital Projects Fund, Inc.

\$25,000

Pelton, Julie

Midwest Sociological Society Executive Director

Midwest Sociological Society

\$282,252

College of Business Administration

Economics

White, Dustin

UNCLASSIFIED: Data Analysis and Visualization for USSTRATCOM J4

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

\$86,935

Marketing & Management

Ligon, Gina

Emerging VEO Threats to the Homeland

Arizona State University/U.S. Department of Homeland Security

\$120,000

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July 1, 2018 - December 31, 2018

College Department Name	Title	Sponsor	Award
<u>Nebraska Business Development Center</u>			
Lang, Catherine	Portable Assistance Funding Opportunity	U.S. Small Business Administration	\$100,000
	Nebraska Small Business Development Center	U.S. Small Business Administration	\$245,672
	Economic Development Administration University Center Economic Development Program	U.S. Economic Development Administration	\$112,000
Nichol-Caddy, Josh	NBDC FAST Proposal 2018	U.S. Small Business Administration	\$125,000
<u>College of Communication, Fine Arts & Media</u>			
<u>KVNO</u>			
Buckingham, Dana	CPB:CSG (Restricted/Unrestricted) 9/30/20	Corporation for Public Broadcasting	\$104,292
<u>School of Music</u>			
Madsen, Pete	Joey Gulizia Artist in Schools/Communities Residency NAC	Nebraska Arts Council	\$1,300
	UNO Jazz Camp Featuring the Jim Widner Big Band 2019	Mid-America Arts Alliance/Nation Endowment for the Arts	\$5,000
	UNO Jazz Festival 2019	Nebraska Arts Council/National Endowment for the Arts	\$4,346
Taylor, Kristin	UNO Piano Day	Nebraska Arts Council/National Endowment for the Arts	\$1,400
<u>School of The Arts</u>			
Johnson, Jeremy	Sensory 3: Please Touch the Art	Nebraska Arts Council/National Endowment for the Arts	\$2,975
<u>College of Education</u>			
<u>Biomechanics</u>			
Knarr, Brian	Impact of assistive device use during treadmill and overground walking post-stroke	National Institutes of Health	\$442,693
Mukherjee, Mukul	Virtual reality augmented gait adaptation in stroke survivors	American Heart Association	\$77,000
	Inter-Limb Coordination in Chronic Stroke Survivors	American Heart Association	\$26,844
Myers, Sara	Improving mobility in peripheral artery disease using an ankle foot orthosis	National Institutes of Health	\$415,643
	Ramipril treatment of claudication: Oxidative damage and muscle fibrosis.	University of Nebraska Medical Center/National Institutes of Health	\$6,862
Stergiou, Nicholas	Kinematics of CPR	Zoll Medical Corporation	\$75,466
	Driving Performance and Safety in Rheumatoid Arthritis	University of Nebraska Medical Center/Rheumatology Research Foundation	\$13,578

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Takahashi, Kota

Structure and Function of Aging Achilles Tendon and Plantar Fascia In-vivo

National Institutes of Health

\$33,432

College of Education - Dean's Office

Bruckner, Martha

MOEC MATH (Mathematice At The High school

Iowa West Foundation

\$50,000

School of Health and Kinesiology

Coleman, Jason

NDHHS Social Media 2018-Lets Stop HIV Together

Nebraska Department of Health and Human Services/Centers for Disease Control

\$111,575

NDHHS Social Media 2018-Lets Stop HIV Together

Nebraska Department of Health and Human Services/Centers for Disease Contro

\$40,178

Jawed-Wessel, Sofia

Teen Pregnancy Prevention Program Evaluation

Planned Parenthood of the Heatand/U.S. Department of Health and Human Services

\$90,000

Increasing LGBTQIA Community Capacity Through Leadership Development

Omaha Community Foundation

\$40,000

Messerole, Mike

Unified Fitness Program

Special Olympics

\$2,000

Slivka, Dustin

Evaluation of the physiological challenges in extreme environments: Implications for enhanced training, operational performance, and sex-specific responses

University of Montana/U.S. Department of Defense

\$175,312

Human Skeletal Muscle Responses to Temperature: Implications in Health and Disease

University of Nebraska Medical Center/National Institutes of Health

\$71,500

Special Education & Communication Disorders

Coufal, Kathy

NSLHA 2018 Fall Convention

Sertoma International

\$425

College of Information Science & Technology

Computer Science

Bhowmick, Sanjukta

SANDY: Sparsification-Based Approach for Analyzing Network Dynamics

National Science Foundation

\$74,765

Youn, Jong-Hoon

Development of a Wearable Intelligent System for Elderly with Fall Risk

University of Nebraska Medical Center/National Institutes of Health

\$70,140

Information Systems & Quantitative Analysis

Germonprez, Matt

Global Consent Manager

University of Missouri on behalf of the Donald W. Reynolds Journalism Institute

\$18,200

Haas, Christian

Service agreement: Gallup September 2018

Gallup, Inc.

\$39,420

Derrick, Douglas

Union Pacific Legacy System Redesign: Phase IV

Union Pacific Railroad Company

\$59,374

Harder, Jeanette

S.A.F.E. Center - DV/SV System Assessment

S.A.F.E Center

\$7,000

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<u>School of Interdisciplinary Informatics</u>			
Derrick, Doug	UNCLASSIFIED: Operationalizing Cyber Situational Awareness Research: Capability Exploration	National Strategic Research Institute/ U.S. Department of Defense	\$177,853
Fruhling, Ann	Optimizing EHR Usability for Cardiac Care	University of Nebraska Medical Center/Agency for Healthcare Research and Quality	\$76,000
	NPHL STATPack 2018-19	University of Nebraska Medical Center/ U.S. Department of Health and Human Services	\$20,000
	Children's Hospital Focused EHR Usage Study	Children's Hospital and Medical Center	\$25,000
Gandhi, Robin	Spokes:MEDIUM:MIDWEST: SMart big data pipelines for Aging Rural bridge Transportation Infrastructure (SMARTI)	National Science Foundation	\$999,998
	SACRE Enhancements	Tri-Guard Risk Solutions, LTD	\$199,939
Ghersj, Dario	Analyses of Gene Expression Microarrays and Deep Sequencing of T-cell Receptors, 2018-9 Supplement	University of Massachusetts Medical School	\$9,975
Mahoney, William	University of Nebraska at Omaha Scholarship for Service Renewal/Outreach Project	National Science Foundation	\$709,049
	SaTC: CORE: Small: Collaborative: Evaluating Performance and Security of Executable Steganography for Surreptitious Programs	National Science Foundation	\$173,969
	ANDOR: A Low-Level Programming Contest	National Security Agency	\$59,882
<u>College of Public Affairs & Community Service</u>			
<u>Center for Public Affairs Research</u>			
Schafer, Josie	Nebraska Legislatures Planning Committee FY2017-2018	State of Nebraska Legislature	\$25,000
<u>Gerontology</u>			
Beadle, Janelle	The Psychological, Neural, and Hormonal Bases of Caregiver Compassion Fatigue	University of Nebraska Medical Center/National Institutes of Health	\$18,313
<u>Grace Abbott School of Social Work</u>			
Feyen-Reay, Susan	System of Care	Nebraska Department of Health and Human Services/Substance Abuse and Mental Health Service Administration	\$175,000
Harder, Jeanette	Lutheran Family Servies RSafe program	Lutheran Family Services	\$5,653
	Rape Prevention and Education Program Evaluation - 2019-2024	Nebraska Department of Health and Human Services/ Centers for Disease Control	\$5,000

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Minority Health Initiative - Fremont	Three Rivers Public Health Department/ Nebraska Department of Health and Human Services	\$8,800
Prevention of Prescription Drug Overdoses in Nebraska, a Needs Assessment	Nebraska Department of Health and Human Services/ Centers for Disease Control	\$70,093
Girls Rock	Girls Rock	\$4,500

School of Criminology & Criminal Justice

Hobbs, Anne	Evidence-Based Nebraska (EB-NE)	Nebraska Commission on Law Enforcement and Criminal Justice	\$309,600
	Empirically Testing Collective Impact in Connected Youth Communities - Year 2	Nebraska Children and Families Foundation	\$4,666

School of Public Administration

Benenson, Jodi	Pay It Forward	Ohio Campus Compact	\$3,000
Blair, Robert	Neighborhood Needs Assessment for ONE Omaha: A Determination of Existing Conditions and Identification of Strategies	ONE Omaha	\$9,500
Ebdon, Carol	GASB 2018 Gil Crain Memorial Research Grant	Financial Accounting Foundation	\$5,000
Eikenberry, Angela	The Landscape of Women's Funds and Foundations in the U.S.	Indiana University Women's Philanthropy Institute	\$34,557
Maher, Craig	Developing a Fiscal Condition Monitoring Approach for Nebraska Local Governments	The Pew Charitable Trusts	\$19,319
Tarry, Scott	NASA Nebraska Space Grant Consortium FY 2015 - FY 2017	National Aeronautics and Space Administration	\$250,000

Criss Library

Criss Library Archives & Special Collections

Schindler, Amy	LGBTQ+ Voices: Queer Omaha Archives Oral History Project	Humanities Nebraska	\$1,996
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Total Award Amount July 1 - December 31, 2018: \$11,251,661