


Fall 2020

External Funding Bulletin, July - December 2020

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

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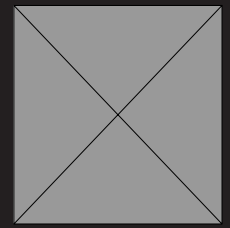
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OFFICE OF RESEARCH AND CREATIVE ACTIVITY



EXTERNAL FUNDING BULLETIN

Congratulations to the recent award recipients!
July 1, 2020 - December 31, 2020

College Department Name	Title	Sponsor	Award
<u>Academic Affairs</u>			
<u>Alcohol & Drug Education</u>			
Frillman, Mark	Partnership For Success (PFS) Omaha Collegiate Consortium (OCC)	University of Nebraska - Lincoln/ Nebraska Department of Health and Human Services	\$22,804
<u>Office of Research and Creative Activity</u>			
Myers, Sara	Great Plains Institutional Development Award-Clinical and Translational Research	University of Nebraska Medical Center/ National Institutes of Health	\$73,564
<u>Project Achieve</u>			
Teamer, Shannon	Project Achieve Grant Renewal	U.S. Department of Education	\$372,920
<u>Business and Finance</u>			
Hove, Dawn	PPE for UNO Child Care Center	Nebraska Children and Families Foundation/U.S. Department of Health and Human Services	\$5,550
	PPE for UNO Child Care Center	Nebraska Department of Health and Human Services/U.S. Department of Health and Human Services	\$500
	Quality Affordable Child Care and Education For Low-Income Campus Based Students	U.S. Department of Education	\$165,940
<u>College of Arts & Sciences</u>			
<u>Biology</u>			
Blankenship, Jill	The genetics of filamentation and pathogenesis in divergent clinical C. albicans isolates	University of Nebraska Medical Center/ National Institutes of Health	\$66,657
Cutucache, Christine	Center of Excellence: NE STEM 4U Reaching All Learners	Nebraska Children and Families Foundation/	\$30,000
	Adaptive OST Programming for STEM: To include multi-stakeholder networks	Collective for Youth/Sherwood Foundation	\$48,228

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	The NebraskaSCIENCE Omaha Noyce Partnership, a Track I Robert Noyce Teacher Scholarship Program (S&S Track)	National Science Foundation	\$322,059
	Worlds of Connections: Engaging youth with health research through network science and stories in augmented reality	University of Nebraska - Lincoln/ National Institutes of Health	\$32,400
Davis, Paul H.	NSRI ADEPT Scholars	National Strategic Research Institute/U.S. Department of Defense	\$55,000
	INBRE DRPP: Investigating Novel Chemotherapeutics Against the Parasite Toxoplasma gondii	University of Nebraska Medical Center/National Institutes of Health	\$66,657
	NSRI ADEPT Scholars	National Strategic Research Institute/U.S. Department of Defense	\$169,593
	XPED Phase III Support Fall/Spring 2020-21	National Strategic Research Institute/U.S. Department of Defense	\$95,000
Denton, Paul W.	Combination Immunotherapy to Improve NK Cell-Mediated ADCC Against Malignant Cells	University of Nebraska Medical Center/National Institutes of Health	\$66,627
	Sialic Acid Modulation of HIV-Associated Chronic Inflammaging	The Wistar Institute of Anatomy and Biology/National Institutes of Health	\$3,000
Keller, Roxi	Molecular delineation between Pediomelum tenuiflorum and P. floribundum (Fabaceae)	The Nebraska Native Plant Society	\$900
McCarty, John	Audubon Plants for Birds Burke Grant	National Audubon Society	\$2,500
Tapprich, William	Nebraska research network of functional genomics - Biology parent project 2020-2025	University of Nebraska Medical Center/National Institutes of Health	\$240,958
	Structural Elements in Enterovirus Genomic RNA Responsible for Virulence and Tropism	University of Nebraska Medical Center/National Institutes of Health	\$65,303
<u>Geography/Geology</u>			
Dere, Ashley	Network Cluster CINet: Critical Interface Network in Intensively Managed Landscapes	University of Illinois at Urbana-Champaign/National Science Foundation	\$36,430
<u>Mathematics</u>			
Rault, Patrick	The IBL Communities Project	National Science Foundation	\$59,999
Rogers, Jim A.	Macrophage, Meth, HIV and Histones: An Interplay	University of Nebraska Medical Center/National Institutes of Health	\$72,112

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<u>Physics</u>			
Moore, Chris	Prevalence of and Barriers to the Adoption of High-Impact Teaching Practices in General Education Science, Mathematics, and Social-Science Course	National Science Foundation	\$298,276
Riskowski, Ryan	MRI Activatable Nanoplatfoms for Diagnostics and Therapeutics	University of Nebraska Medical Center/National Institutes of Health	\$73,250
<u>Political Science</u>			
Black, Michelle	Enabling Coherent Deterrence - Concept Development Deterrence Research	National Strategic Research Institute/North Atlantic Treaty Organization	\$8,532
McNamara, Patrick	Capacity Building for Tajikistan Universities	American Councils for International Education	\$22,000
	FY2020 Young Southeast Asian Leaders Initiative (YSEALI) Academic Fellowship	U.S. Department of State	\$1,269,583
Obradovic, Lana	BOLD (BIH Omladinski Lideri, Bosnia and Herzegovina Young Leaders) Program	U.S. Department of State	\$99,934
<u>Psychology</u>			
French, Jeffrey	Oxytocin Ligand/Receptor Variants and Social Behavior	National Institutes of Health	\$301,899
He, Yimin	Enhancing Safety Climate and Total Worker Health in Organizations	Oregon Health and Science University	\$16,408
Kupzyk, Sara	Interdisciplinary Personnel Preparation in Systemic Behavioral Intervention to Serve School-Age Children with Significant Behavioral Concerns	U.S. Department of Education	\$250,000
Reiter-Palmon, Roni	Creativity in Teams: Identifying the Role of Meetings in Fostering Effective Cognitive and Social Processes in Teams	National Science Foundation	\$295,091
	Collection and analysis of comments regarding orthopedic specialty	Board of Certification for the Athletic Trainer	\$4,628
	Collaborative Research: A Classroom Approach to Creating Engineers to Solve Global Problems Through Complex Problem Based Learning	National Science Foundation	\$60,000
	Collection and analysis of comments regarding orthopedic specialty	Board of Certification for the Athletic Trainer	\$3,163
Carey, Ryan	Scoular Diversity and Inclusion Assessment	The Scoular Company	\$9,021
	Greater Omaha Chamber CODE	Greater Omaha Chamber of Commerce	\$26,000

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<u>College of Business Administration</u>			
<u>Economics</u>			
Diamond, Arthur	Begin Research and Writing for Prospectus on Medical Entrepreneurship Book	Charles G. Koch Foundation	\$10,000
White, Dustin	Personnel Database Analysis and Data Management Tool	National Strategic Research Institute/U.S. Department of Defense	\$97,423
<u>Executive MBA Program</u>			
Krings, Melanie	Strategic Leadership Fellows Program	U.S. Department of the Air Force/ U.S. Department of Defense	\$166,234
<u>Nebraska Business Development Center</u>			
Lang, Catherine	EDA CARES Act supplemental for University Center grant recipients	U.S. Economic Development Administration	\$300,000
	Economic Development Administration University Center Economic Development Program	U.S. Economic Development Administration	\$112,000
	Portable Assistance Funding Opportunity	U.S. Small Business Administration	\$95,341
	Nebraska SBDC Portable Assistance	U.S. Small Business Administration	\$87,500
Nichol-Caddy, Josh	Federal And State Technology (FAST) Partnership Program	U.S. Small Business Administration	\$125,000
<u>College of Communication, Fine Arts & Media</u>			
<u>KVNO</u>			
Allen, Chris	CPB:CSG (Restricted/Unrestricted) 9/30/22	Corporation for Public Broadcasting	\$110,327
<u>School of Music</u>			
Madsen, Pete	APAL UNO Jazz Festival 2021	Nebraska Arts Council	\$4,894
	UNO Jazz Camp Featuring the Jim Widner Big Band 2021	Mid-America Arts Alliance	\$5,000
	Keri Chryst Residency	Nebraska Arts Council	\$200
<u>UNO Television</u>			
Allen, Chris	UNL CPB:CSG 6/30/2021	University of Nebraska - Lincoln/ Corporation for Public Broadcasting	\$51,014
<u>College of Education, Health, and Human Sciences</u>			
<u>Biomechanics</u>			
Desyatova, Anastasia	Effects of aortic compliance and Windkessel reduction on cardiac and aortic pathophysiology	National Institutes of Health	\$620,971

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July 1, 2020 - December 31, 2020

College

Department

Name

Title

Sponsor

Award

Kamenskiy, Alexey	Database of anatomical vascular models of the human inferior vena cava	U.S. Food and Drug Administration	\$33,361
	Optimized Stents for the Femoropopliteal Artery	National Institutes of Health	\$292,765
Knarr, Brian	Wichozani-A Healthy Lifestyle for Rural American Indian Youth through Cultural and Physical Activities: A Community-Based Participatory Research Study	University of South Dakota/National Institutes of Health	\$55,587
Likens, Aaron	Repeated Bouts of Physical Stress: A Lab Based Simulated Multiday Mission Scenario	National Strategic Research Institute/U.S. Department of Defense	\$89,299
Maleckis, Kaspars	Evaluation of Stents Subjected to Axial, Bending, and Torsional Deformation	Qmedics AG	\$8,000
Stergiou, Nicholas	Harnessing Movement Variability to Treat and Prevent Motor Related Disorder	National Institutes of Health	\$2,119,859
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	\$62,616
Zuniga, Jorge	UNeTech Student Support	UNeTech	\$15,000
	SHABRI LLC Student Support	SHABRI LLC	\$5,939
	3D Printed Prostheses for Children: A Tool to Monitor Upper Limb Movement	National Institutes of Health	\$57,016
	Development and Validation of a Low-Cost 3D Printed Upper Limb Prosthetic Simulator	National Institutes of Health	\$46,474

School of Health and Kinesiology

Coleman, Jason	Nebraska HIV Testing and Prevention Program -2020	Nebraska Department of Health and Human Services/Centers for Disease Control	\$91,612
	Support for WFO Adolescent Health Project	Women's Fund of Omaha	\$124,250
Silvka, Dustin	Impact of Muscle Temperature on Muscle Growth and Breakdown	University of Nebraska Medical Center/National Institutes of Health	\$66,657
Wilkins, Sam	Compliance with USA Baseball Recommendations and Self-Reported Arm Health in College Baseball Players	Nebraska State Athletic Trainers' Association	\$500

Special Education & Communication Disorders

Kumke, Jill	NSHLA 2020 Fall Convention	Sertoma International	\$425
Swain, Kristine	OPS Career Ladder in Special Education	Omaha Public Schools/Sherwood Foundation	\$252,749

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<u>Teacher Education</u>			
Escayg, Kerry-Ann	Pedagogical interventions to address African American childrens nascent understandings of Whiteness	HighScope Educational Research Foundation	\$10,459
Friend, Michelle	Undergraduate Service Learning Experiences with Data: Mathematics in the Community	National Science Foundation	\$299,985
Nero, Derrick	Illuminate Nebraska Content Development Project	Nebraska Public Power District	\$55,000
<u>College of Information Science & Technology</u>			
<u>Computer Science</u>			
Chundi, Parvathi	RII Track-2 FEC: Data Driven Material Discovery Center for Bioengineering Innovation	South Dakota School of Mines and Technology/National Science Foundation	\$308,139
Mastorakis, Spyridon	CCRI: Planning: Collaborative Research: Low-Latency for Augmented Reality Interactive Systems (LLARIS)	Colorado State University/National Science Foundation	\$5,340
<u>Information Systems & Quantitative Analysis</u>			
Germonprez, Matt	Open Source Diversity and Inclusion: The CHAOSS Project	Ford Foundation	\$50,000
	Red Hat: Corporate Engagement with Open Source Projects	Red Hat Inc.	\$91,617
<u>School of Interdisciplinary Informatics</u>			
Hale, Matt	2020 GenCyber Teacher Program	National Security Agency	\$84,747
	2020 GenCyber Student Program	National Security Agency	\$99,720
Hall, Magie	Micro-internships at the Margins	Engagement Scholarship Consortium	\$5,000
<u>College of Public Affairs & Community Service</u>			
<u>Aviation Institute</u>			
Tarry, Scott	NASA Nebraska Space Grant FY 2021-2024 Augmentation	National Aeronautics and Space Administration	\$700,000
<u>Center for Public Affairs Research</u>			
Schafer, Josie	Proposal to Nebraska Commission on Law Enforcement and Criminal Justice for development and updating of the distribution formula for Community-based Juvenile Services Aid	Nebraska Commission on Law Enforcement and Criminal Justice	\$2,530

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<u>Gerontology</u>			
Beadle, Janelle	Maintaining Brain Health During COVID-19	American Association of Retired Persons	\$500
Blaskewicz-Boron, Julie	Imagining an Age Friendly University of Nebraska at Omaha: Content, Colleagues, and Conversation	Gerontological Society of America	\$2,500
<u>Grace Abbott School of Social Work</u>			
Harder, Jeanette	Rape Prevention and Education Program Evaluation - 2020 COVID Supplement	Nebraska Department of Health and Human Services/Centers for Disease Control	\$28,025
	Childrens Scholarship Fund evaluation	Children's Scholarship Fund	\$2,000
	Drug Overdose Prevention	Nebraska Department of Health and Human Services/Centers for Disease Control	\$40,000
	Drug Overdose Prevention	Nebraska Department of Health and Human Services/Centers for Disease Control	\$50,000
Sims, Lequisha	I Be Black Girl: Strengths-Based Environmental Scan of Black Women & Girls	I Be Black Girl	\$4,100

Total Award Amount July 1 - December 31, 2020: \$14,198,553