


Fall 2017

External Funding Bulletin, Fall 2017

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

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OFFICE OF RESEARCH AND CREATIVE ACTIVITY



EXTERNAL FUNDING BULLETIN

Congratulations to the recent award recipients!
July 1, 2017 – December 31, 2017

College Department Name	Title	Sponsor	Award
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Academic and Student Affairs

Office of Research and Creative Activity

Myers, Sara	Great Plains Institutional Development Award-Clinical and Translational Research	University of Nebraska Medical Center/National Institutes of Health	\$125,154
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Project Achieve

Teamer, Shannon	Project Achieve	U.S. Department of Education	\$330,737
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College of Arts & Sciences

Biology

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	NE SciLEAD: Training and Evaluation of the NE STEM 4U expansion LOA1	Nebraska Children and Families Foundation	\$15,000
	NE STEM 4U: Engaging elementary school youth in STEM opportunities and careers	Collective for Youth	\$20,000
Davis, Paul	Evaluation of Novel Anti-Toxoplasma Therapeutics	University of Nebraska Medical Center/National Institutes of Health	\$71,500
	Optimization of Antischistosomal Chemotypes	University of Nebraska Medical Center/National Institutes of Health	\$16,192
Tapprich, William	Nebraska research network of functional genomics - Biology 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
Wong, Ryan	Neural and Molecular Mechanisms in Stress Coping	National Institutes of Health	\$345,843

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<u>History</u>			
Saltamacchia, Martina	Encountering the Other: Journeys and Pilgrimages	Humanities Nebraska	\$2,350
	Beowulf: The Epic in Performance	Nebraska Arts Council/National Endowment for the Arts	\$2,179
<u>Mathematics</u>			
Love, Betty	Bricklayer: Coding, Art and Math for Engaged Student Learning	National Science Foundation	\$299,375
<u>Office of Latino/Latin American Studies</u>			
Casas, Juan	Latinoamerica Presente! Tracing the Hidden Histories of Latina/o Art, Aesthetics, and Expressive Culture in the Global Market	University of Notre Dame/Andrew W. Mellon Foundation	\$2,788
<u>Physics</u>			
Krasnoslobodtsev, Alexey	Exploring synthetic routes of molecular wire formation via photocatalytic action of AuNP and AuNP-TiO ₂ assemblies.	American Chemical Society	\$55,000
	Stable SERS-based nanosensors for detection of cancer biomarkers	University of Nebraska Medical Center/National Institutes of Health	\$146,500
<u>Political Science</u>			
Kilinc, Ramazan	Dialogue with Muslim Communities in Omaha: Immigrants and Refugees	Humanities Nebraska	\$3,000
<u>Psychology</u>			
Allen, Joseph	VPA-UNO HSPPR 2017	Humane Society of Pikes Peak Region	\$700
	CAPS Data Coding QUANTUM	Quantum Workplace	\$6,260
	VPA-UNO: Princeton HCS	Princeton Health Care System	\$650
	CAPS LPD Sergeant Exam 2017-18	City of Lincoln	\$9,100
	EN Science Improvement Fall'17	Education Northwest	\$2,218
French, Jeffrey	Oxytocin Ligand/Receptor Variants and Social Behavior	National Institutes of Health	\$302,107
	UNM Subcontract: RII Track-2 FEC: Developmental Chronnecto-Genomics (Dev-CoG): A Next Generation Frame-work for Quantifying Brain Dynamics and Related Genetic Factors in Childhood	Mind Research Network/National Science Foundation/EPSCoR	\$40,925
<u>Religious Studies</u>			
Williams, Paul	Batchelder Biblical Archaeology Conference 2017	Clifton B. and Anne Stuart Batchelder Foundation	\$5,000

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Sociology/Anthropology

Robbins, Regina	Ignite-Engage-Sustain: A comprehensive approach to motivate, involve, educate, and mentor Native American students and their communities in cancer prevention, treatment and research	University of Nebraska Medical Center/National Institutes of Health	\$67,000
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College of Business Administration

Economics

Diamond, Arthur	Course Development	Charles G. Koch Foundation	\$21,700
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Marketing & Management

Ligon, Ginamarie	UMD/SMA SOCCENT ISIL - amendment	University of Maryland/U.S. Department of Homeland Security	\$50,000
	Organizational Determinants of Violence and Capacity for Destruction	University of Maryland/ U.S. Department of Homeland Security	\$49,895
	Interactionist Organizational Recruiting Study	University of Southern California/ U.S. Department of Homeland Security	\$100,000

Nebraska Business Development Center

Doga, Veronica	Procurement Technical Assistance Center Option Period 2018	Defense Logistics Agency	\$420,000
	Procurement Technical Assistance Program Supplemental Funds	Defense Logistics Agency	\$25,600
Jing, Wei	Federal and State Technology Partnership Program (FAST)	U.S. Small Business Administration	\$200,000
Lang, Catherine	U.S. Small Business Administration	U.S. Small Business Administration	\$547,699
Nichol-Cady, Josh	State trade and Export promotion Initiative	Nebraska Department of Economic Development	\$9,520
Waters, Jean	Diffusion of Innovation for P2 in Region 7	U.S. Environmental Protection Agency	\$49,500

College of Communication, Fine Arts & Media

School of Music

Fox, Derrick	Studium Chorus Tour 2017	Nebraska Arts Council/National Endowment for the Arts	\$4,647
Madsen, Peter	Joey Gulizia Residency 2017-2018	Nebraska Arts Council/National Endowment for the Arts	\$1,170
	UNO Jazz Camp Featuring the Jim Widner Big Band 2018	Mid-America Arts Alliance/National Endowment for the Arts	\$5,000
	UNO Jazz Festival 2018	Nebraska Arts Council/National Endowment for the Arts	\$5,866
	Rick Hirsch Commission and Residency 2017	Nebraska Arts Council/National Endowment for the Arts	\$1,800

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<u>UNO Television</u>			
Allen, Chris	UNL CPB:CSG 6/30/2018	University of Nebraska - Lincoln/ Corporation for Public Broadcasting	\$67,794
<u>College of Education</u>			
<u>Biomechanics</u>			
Malcom, Philippe	Use of gait analysis to assess the likelihood of falls in at-risk populations	J. Brasch Co., LLC	\$61,480
Myers, Sara	Improving mobility in peripheral artery disease using an ankle foot orthosis	National Institutes of Health	\$414,898
	Ramipril treatment of claudication: Oxidative damage and muscle fibrosis.	University of Nebraska Medical Center/National Institutes of Health	\$6,662
Stergiou, Nicholas	Harnessing Movement Variability to Treat and Prevent Motor Related Disorder	National Institutes of Health	\$2,009,448
	Predictions of Driver Safety in Advancing Age: Real-World Recorders	University of Nebraska Medical Center/National Institutes of Health	\$17,378
	Assessing the relationship between visual field defect and driving performance in glaucoma	University of Nebraska Medical Center/National Institutes of Health	\$8,248
<u>School of Health & Kinesiology</u>			
Coleman, Jason	Nebraska HIV Testing and Prevention Program - Testing Condoms Media and Marketing	Nebraska Department of Health and Human Services/Centers for Disease Control	\$112,442
Dinkel, Danae	Increasing Physical Activity in Nebraska's Go NAP SACC	Nebraska Department of Health and Human Services/Centers for Disease Control	\$5,000
Jawed-Wessel, Sofia	Teen Pregnancy Prevention Program Evaluation	Planned Parenthood of the Heartland/U.S. Department of Health and Human Services	\$75,394
Slivka, Dustin	Human Skeletal Muscle Responses to Temperature: Implications in Health and Disease	University of Nebraska Medical Center/National Institutes of Health	\$71,500
	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	\$183,683
<u>Special Education & Communication Disorders</u>			
Coufal, Kathy	NSLHA 2017 Fall Convention	Sertoma International	\$425
<u>Teacher Education</u>			
Grandgenett, Nealy	NSF EAGER MAKER: Nebraska Innovative Maker Co-laboratory (NiMC)	University of Nebraska - Lincoln/ National Science Foundation	\$68,040

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July 1, 2017 – December 31, 2017

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College of Information Science & Technology

Dean's Office

Khazanchi, Deepak	Southwest IA Region Mental Health & Disability Services Website Updates	Southwest Iowa Region Mental Health & Disability Services	\$2,645
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Computer Science

Bhowmick, Sanjukta	System Science Analysis of Pancreatic Cancer	National Science Foundation	\$69,415
Lierler, Yuliya	Modular Self-Reconfigurable Robot for Autonomous Rehabilitation Assistance in Daily Living Tasks for Spinal Cord Injury Patients	National Science Foundation	\$499,544
Morrison, Briana	RI: Small: Automated Optimization of Programs and Processing Tools in Answer Set Programming	National Science Foundation	\$266,791
Ricks, Brian	IUSE: Collaborative: EHR Developing and Assessing Subgoal Labels for Imperative Programming to Improve Student Learning Outcomes (DASLIP)	National Science Foundation	\$150,000

Information Systems & Quantitative Analysis

Germonprez, Matt	Open Online Community Health and Sustainability	The Curators of the University of Missouri on behalf of the University of Missouri-Columbia/Alfred P. Sloan Foundation	\$6,774
	Community Health and Sustainability: Mozilla	Mozilla Corporation	\$53,085
Wiggins, Andrea	Streamlining Embedded Assessment to Understand Citizen Scientists' Skill Gains	University of Maryland/National Science Foundation	\$68,787

School of Interdisciplinary Informatics

Bastola, Dhundy	Nebraska Research Network of Functional Genomics - Bioinformatics	University of Nebraska Medical Center/National Institutes of Health	\$2,395
Fruhling, Ann	NPHL STATPack 2017-18	University of Nebraska Medical Center/U.S. Department of Health and Human Services	\$15,000
Gandhi, Robin	Cybersecurity Foundations Series: A Formative Competency- and Performance-Based Curriculum Program for Cybersecurity Education	Prince George's Community College/National Security Agency	\$37,982
Parakh, Abhishek	Quantum Cryptography Laboratories	National Security Agency	\$184,085

College of Public Affairs & Community Service

Grace Abbott School of Social Work

Beldin, Kerry	Douglas County, Nebraska Evaluation of Corrections Television	Douglas County Department of Corrections	\$10,000
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Grace Abbott School of Social Work

Harder, Jeanette	Title IV-E/Child Welfare Cohort Evaluation - Year 2	Nebraska Department of Health and Human Services/U.S. Department of Health and Human Services	\$58,455
	Inclusive Communities Signature Youth Program Evaluation	Inclusive Communities	\$4,137
	Dreamweaver Foundation	Dreamweaver Foundation	\$8,445

School of Criminology & Criminal Justice

Armstrong, Gaylene	NDCS: Doctoral Research Fellowship AY 2017	Nebraska Department of Corrections	\$36,723
Spohn, Ryan	Minority Health Initiative	East Central District Health Department/Nebraska Department of Health and Human Services	\$18,423
	Operation Youth Success evaluation	TerraLuna Collaborative	\$20,000
	Juvenile Justice Prevention Assessment	Sherwood Foundation	\$137,484

School of Public Administration

Bennett, DeeDee	NSF INCLUDES: Scholars from Under-Represented Groups in Engineering and the Social Sciences: Minority SURGE Capacity in Disasters	National Science Foundation	\$299,936
	The National Seminar and Tabletop Exercise Series for Institutions of Higher Education (NTTX)	U.S. Department of Homeland Security	\$3,500
Tarry, Scott	Growth of Large, Perfect Protein Crystals for Neutron Crystallography	National Aeronautics and Space Administration / EPSCoR	\$100,000
	NASA Nebraska Space Grant Consortium FY 2015 - FY 2017	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

William Brennan Labor Institute

Kretzschmar, John	Explaining to Metro Community College Students the Role Organized Labor Played in Humanizing the Modern Employment Relationship	Metropolitan Community College	\$40,904
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Criss Library Archives & Special Collections

Schindler, Amy	Omaha Oral History Digital Collection Website	Humanities Nebraska	\$10,000
	Queer Omaha Archives Oral History Project	Humanities Nebraska	\$2,000

International Studies & Programs

Dean's Office

McNamara, Patrick	Annual Program Statement for Cultural Affairs	U.S. Department of State	\$428,815
	U.S. Institutes for Student Leaders from Southeast Asia	U.S. Department of State	\$479,960
	UNO-AUAF (American University of Afghanistan Partnership) Partnership in Business	U.S. Department of State	\$910,307

Total Award Amount: \$11,470,320

Congratulations to the recent award recipients!
January 1, 2017– June 30, 2017

College

Department

Name

Title

Sponsor

Award

ORCA Office Updates

Congratulations to Assistant Director,
Nancy Schlesiger, and
Contract Specialist, Michael Mohatt,
on their retirements!

Please welcome our new Grants Coordinators



Rachel Meredith

Rachel Meredith is from Omaha, and before coming to UNO she was an Economic Development Consultant at the Nebraska Department of Economic Development. In this role she worked with communities and non-profits across the state of Nebraska on managing grants related to various economic development activities. Rachel is excited to serve the University by supporting our research endeavors and to get to know our faculty and staff.



Amanda Buker

The past five years Amanda has worked for UNO in the College of Education and brings experience from the unit level in the School of Health & Kinesiology and post-award management in the College of Education Dean's Office. Prior to UNO, Amanda was an Administrative Specialist closely supporting the Executive Business Coach Team at Carson Group Coaching. In this role, Amanda assisted clients in their application to top-of-industry practice management philosophies to achieve growth and efficiency within their firms. Amanda graduated summa cum laude from College of Saint Mary with a Bachelor in Business Leadership.