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## SPR Bulletin, Fall 2015

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

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## OFFICE OF RESEARCH AND CREATIVE ACTIVITY

## SPONSORED PROGRAMS AND RESEARCH BULLETIN

Eppley Administration Building, Rm 203

Ph 402.554.2286 Fx 402.554.3698

research.unomaha.edu

**Congratulations to the Recent Award Recipients!**

July 1, 2015 through December 31, 2015

College	Department Name	Title	Sponsor	Award
<b>Academic and Student Affairs</b>				
<b>Community Engagement Center</b>				
	Woods, Sara	Black Police Officers Association Internship	Black Police Officers Association	\$5,415
		Avenue Scholars Support Program	Avenue Scholars Foundation	\$52,859
<b>Multicultural Affairs</b>				
	Freeman, James	Challenge Our Youth to Succeed	HoChunk Community Development Corp.	\$8,000
<b>Project Achieve</b>				
	Clancy, Melvin	Project Achieve	U.S. Dept. of Education	\$313,272
<b>Business and Finance</b>				
<b>Public Safety</b>				
	Evans, Charlotte	Distracted Driving: Texting and Driving Campaign	Nebraska Office of Highway Safety/U.S. Dept. of Transportation	\$1,500
<b>College of Arts &amp; Sciences</b>				
<b>Biology</b>				
	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/NIH	\$50,000
	Cutucache, Christine	NE STEM 4U: Elementary	Collective for Youth/Peter Kiewit Foundation	\$9,000
		NSF GRFP: Investigating the role of caveolin-1 in immune synapse formation and antigen presentation	National Science Foundation	\$46,000
	Davis, Paul	Evaluation of Novel Anti-Toxoplasma Therapeutics	University of Nebraska Medical Center/NIH	\$50,000
	Kolok, Alan	Emerging Contaminants and Environmental Security in the Syr Darya River Basin	al-Farabi Kazakh National University/Republic of Kazakhstan	\$7,150
		The Nebraska Watershed Network and the Lower Platte River Management Plan: Engaging with the Omaha community	National Fish and Wildlife Foundation	\$39,997
	Tapprich, William	Virulence Determinants in the Coxsackievirus B3 RNA Genome	University of Nebraska Medical Center/NIH	\$25,000
		Nebraska research network of functional genomics - Biology Project	University of Nebraska Medical Center/NIH	\$272,870
	White, Jeremy	Identification of bat hibernacula in Nebraska	U.S. Fish and Wildlife Service	\$10,000
		White-nose Syndrome Survey (year 3)	Nebraska Game and Parks Commission	\$25,993

# Congratulations Award Recipients!

College	Department Name	Title	Sponsor	Award
<b>Office of Latino/Latin American Studies</b>				
	Gouveia, Lourdes	Latino Artists Exhibition and Conversations	Nebraska Arts Council/National Endowment for the Arts	\$1,700
		Latino Artists: Exhibit and Conversations	Humanities Nebraska	\$1,900
<b>Physics</b>				
	Krasnoslobodtsev, Alexey	Stable SERS-based multiplex nanosensors for early detection of cancer biomarkers	University of Nebraska Medical Center/NIH	\$66,125
	Sabirianov, Renat	First-principles-based framework for discovery and design of sustainable non-rare-earth high-temperature alloy systems - Phase II	CFD Research Corporation/U.S. Dept. of Defense	\$84,788
<b>Political Science</b>				
	Kilinc, Ramazan	Dialogue with Muslim Communities in Omaha	Humanities Nebraska	\$3,000
<b>Psychology</b>				
	Allen, Joseph	Sergeant Promotional Exam Development '15	City of Lincoln	\$9,600
		Proposal to Community Information Trust and Do Space to Conduct a Two-Year Program Evaluation for Do Space	Community Information Trust	\$149,220
		Proposal to Education Northwest for the Career Ladder in Reading and Science Improvement Visits, Observations, and Interviews	Education Northwest	\$6,893
	French, Jeffrey	Developmental Chronnecto-Genomics (Dev-CoG): A Next Generation Frame-work for Quantifying Brain Dynamics and Related Genetic Factors in Childhood	Mind Research Network/NSF / EPSCoR	\$19,105
	Reiter-Palmon, Roni	Follower-Leader Identity Integration: Conceptualization, Instrument Validation, and Leader Development	University of California, Riverside/Army Research Institute	\$112,548
		Workflow Design Study for Pottawattamie County	Pottawattamie County	\$86,954
	Scherer, Lisa	Volunteer Program Assessment at UNO: A Closer Look at the Volunteers of Humane Society of Pikes Peak Region	Humane Society of Pikes Peak Region	\$500
<b>Sociology/Anthropology</b>				
	Pelton, Julie	Midwest Sociological Society Executive Director	Midwest Sociological Society	\$248,298
<b>College of Business Administration</b>				
<b>Center for Economic Education</b>				
	Wagner, Jamie	Kazanjan Web Project	Kazanjan Economics Foundation	\$13,000
<b>Economics</b>				
	Diamond, Arthur	Course Development	Charles G. Koch Foundation	\$10,000
<b>Executive MBA Program</b>				
	Swanson, William	ACI Worldwide Business Executive Education Program	ACI Worldwide, Inc.	\$11,200
		Fundamentals of Executive Management for Tactical Air Support, Inc.	Tactical Air Support, Inc.	\$28,710
<b>Marketing &amp; Management</b>				
	Ligon, Ginamarie	Strategic Leadership Fellows Program	National Strategic Research Institute/U.S. Dept. of Defense	\$117,170

# July 1, 2015 through December 31, 2015

<b>College</b>			
<b>Department Name</b>	<b>Title</b>	<b>Sponsor</b>	<b>Award</b>
<b>Ligon, Ginamarie</b>	Intelligence Support to Deterrence Operations (Phase 2)	National Strategic Research Institute/U.S. Dept. of Defense	\$105,484
	UMD/SMA SOCCENT ISIL	University of Maryland/U.S. Dept. of Homeland Security	\$69,511
	Organizational Determinants of Violence and Capacity for Destruction	University of Maryland/U.S. Dept. of Homeland Security	\$65,881
<b>Nebraska Business Development Center</b>			
<b>Bernier, Robert</b>	Nebraska Business Development Center	U.S. Small Business Administration	\$30,000
<b>Doga, Veronica</b>	Procurement Technical Assistance Program for Business Firms	Defense Logistics Agency	\$300,000
<b>Rodriguez, Marisol</b>	FEDERAL AND STATE TECHNOLOGY PARTNERSHIP PROGRAM (FAST)	U.S. Small Business Administration	\$100,000
<b>Sargus, Harold</b>	STEP Grant contract for Small Business Market Research	Nebraska Dept. of Economic Development	\$7,140
<b>Waters, Jean</b>	Technical, Motivational, and Market Information to Promote P2	U.S. Environmental Protection Agency	\$59,607
<b>College of Communication, Fine Arts &amp; Media</b>			
<b>Art and Art History</b>			
<b>Johnson, Jeremy</b>	Standards Roadshow 2016	Nebraska Arts Council Development Corporation	\$20,000
<b>KVNO</b>			
<b>Buckingham, Dana</b>	CPB:CSG (Restricted/Unrestricted) 9/30/17	Corporation for Public Broadcasting	\$73,430
<b>School of Communication</b>			
<b>Gearhart, Sherice</b>	Finding the impact zone: Testing health news for the Native American audience	Waterhouse Family Institute	\$8,594
<b>School of Music</b>			
<b>Madsen, Peter</b>	UNO's Great Plains Jazz Festival 2016	Nebraska Arts Council/National Endowment for the Arts	\$2,890
	Joey Gulizia Residency 2015-2016	Nebraska Arts Council/National Endowment for the Arts	\$1,845
	Saule Lithuanian Folk Ensemble Nebraska Tour	Nebraska Arts Council/National Endowment for the Arts	\$1,800
<b>Perkinson, Mary</b>	Partners in Performance	Nebraska Arts Council/National Endowment for the Arts	\$1,600
<b>School of the Arts</b>			
<b>Lu, Li-Fen</b>	Empowering the Digital Generation through Creating Highly Interactive Virtual Environments (HIVEs)	National Art Education Foundation	\$8,250
<b>College of Education</b>			
<b>Biomechanics</b>			
<b>Myers, Sara</b>	Gait after intervention trial in peripheral arterial disease	Omaha Veterans Administration Medical Center/U.S. Dept. of Veterans Affairs	\$99,128
	Gait after intervention trial in peripheral arterial disease - Berlin	Omaha Veterans Administration Medical Center/U.S. Dept. of Veterans Affairs	\$53,364

# Congratulations Award Recipients!

College	Department Name	Title	Sponsor	Award
	<b>Myers, Sara</b>	Gait after intervention trial in peripheral arterial disease - Chien	Omaha Veterans Administration Medical Center/U.S. Dept. of Veterans Affairs	\$32,967
		Ramipril treatment of claudication: Oxidative damage and muscle fibrosis.	University of Nebraska Medical Center/NIH	\$6,279
	<b>Wurdeman, Shane</b>	Enhancing the prosthetic interface: 1/f vibrotactile socket stimulation to improve the adaptability of trans-tibial amputees	National Institutes of Health	\$425,398
	<b>Yentes, Jennifer</b>	Effects of Aging on the Regularity of Plantar Pressure Distributions	SHAPE America	\$2,500
<b>School of Health, Physical Education, &amp; Recreation</b>				
	<b>Berg, Kris</b>	Bone-Loading Exercises versus Risedronate on Bone Health in Post-Menopausal Women	University of Nebraska Medical Center/NIH	\$1,712
	<b>Coleman, Jason</b>	HIV Prevention Part C Evaluation Year 4	Nebraska Dept. of Health and Human Services/Centers for Disease Control	\$17,600
		Building an HIV, Mental Health, and Substance Use Infrastructure for Nebraska	Nebraska Dept. of Health and Human Services/Centers for Disease Control	\$36,065
		DHHS-Statewide Coordinated Statement of Need Support	Nebraska Dept. of Health and Human Services/Centers for Disease Control	\$23,678
	<b>Jawed-Wessel, Sofia</b>	Teen Pregnancy Prevention Program Evaluation	Planned Parenthood of the Heartland/U.S. Dept. of Health and Human Services	\$60,000
		Planned Parenthood of the Heartland Comprehensive Needs Assessment	Planned Parenthood of the Heartland	\$4,000
	<b>Slivka, Dustin</b>	Human Skeletal Muscle Responses to Temperature: Implications in Health and Disease	University of Nebraska Medical Center/NIH	\$50,000
<b>Special Education &amp; Communication Disorders</b>				
	<b>Teten, Amy</b>	2015 NSLHA Convention	Sertoma International	\$425
<b>Teacher Education</b>				
	<b>Edwards, Sarah</b>	UNO/OPS Para-to-Teacher Project	Omaha Public Schools	\$323,550
	<b>Grandgenett, Nealy</b>	The Wearable Technologies Project	University of Nebraska - Lincoln/NSF	\$37,751
<b>College of Information Science &amp; Technology</b>				
<b>Computer Science</b>				
	<b>Bhowmick, Sanjukta</b>	XPS: EXPL: FP: Collaborative Research: Scalable Parallel Algorithms for Network Dynamics Analysis (SPANDAN): A Sparsification-based Approach	National Science Foundation	\$146,528
	<b>Dorn, Brian</b>	CER: openHTML - Scaffolded Web Development Toolkit to Support Elementary Computational Literacy	Drexel University/NSF	\$17,961
<b>Dean's Office</b>				
	<b>Khazanchi, Deepak</b>	Service Agreement: NE ConNEct Marketing Website	Nebraska Dept. of Labor	\$4,203
		PricePoint Branding and Website	Dr. David Ambrose	\$1,345
		South Central Behavioral Health Region Website	Wapello County, IA	\$1,122

# July 1, 2015 through December 31, 2015

<b>College</b>			
<b>Department Name</b>	<b>Title</b>	<b>Sponsor</b>	<b>Award</b>
<b>Khazanchi, Deepak</b>	Election Systems & Software - Poll Book Applications	Election Systems and Software	\$11,267
	Service Agreement: Nebraska Furniture Mart	Nebraska Furniture Mart	\$27,667
	Service Agreement: Competitive Audit of Business Database (Infogroup)	InfoGroup	\$30,000
	Henry Doorly Zoo and Aquarium Database Application Project	Henry Doorly Zoo and Aquarium	\$14,872
	H3 Website Enhancements	Nebraska Dept. of Labor	\$3,450
<b>School of Interdisciplinary Informatics</b>			
<b>Bastola, Dhundy</b>	Nebraska Research Network of Functional Genomics - Bioinformatics	University of Nebraska Medical Center/NIH	\$33,679
<b>Derrick, Douglas</b>	Decision Support Capabilities for National Leadership	National Strategic Research Institute/U.S. Dept. of Defense	\$114,037
	Union Pacific Legacy System Redesign	Union Pacific Railroad Company	\$63,651
<b>Fruhling, Ann</b>	Optimizing EHR Usability for Cardiac Care	University of Nebraska Medical Center / Agency for Healthcare Research and Quality	\$110,539
	STATPack System Maintenance	Kansas Dept. of Health and Environment	\$15,000
	Electronic Client Tracking Database	Youth Care and Beyond, Inc.	\$3,000
	Juvenile Case Management System	Nebraska Commission on Law Enforcement and Criminal Justice	\$170,000
<b>Mahoney, William</b>	Web-Enabled Juvenile Diversion Case Management System	Nebraska Commission on Law Enforcement and Criminal Justice	\$50,000
	Critical Infrastructure Resilience and Supervisory Control and Data Acquisition (SCADA) Research on Vulnerability Discovery and Risk Mitigation	National Strategic Research Institute/U.S. Dept. of Defense	\$276,345
	Information Assurance Scholarships for Service (SfS) at the University of Nebraska at Omaha	National Science Foundation	\$158,442
<b>Pauley, Mark</b>	RCN-UBE: Network for Integrating Bioinformatics into Life Sciences Education	National Science Foundation	\$499,937
<b>College of Public Affairs &amp; Community Service</b>			
<b>Goodrich Scholarship Program</b>			
<b>Romero, Troy</b>	Transitions	Autism Action Partnership	\$30,144
<b>Grace Abbott School of Social Work</b>			
<b>Harder, Jeanette</b>	Evaluation of the Better Together Program	Heartland Family Service / Administration for Children and Families	\$115,015
	Evaluation of Children's Scholarship Fund	Children's Scholarship Fund	\$25,000
	REGION 6 (R6) Evaluation Plan - 2	Region 6 Behavioral Healthcare	\$2,807
<b>Szto, Peter</b>	Project NETWORK	Health Resources and Services Administration	\$404,598
<b>School of Criminology &amp; Criminal Justice</b>			
<b>Batton, Candice</b>	NDCS Graduate Assistantship	Nebraska Dept. of Corrections	\$29,794
<b>Hobbs, Anne</b>	JAG 3 Year Strategic Plan 2015	Nebraska Commission on Law Enforcement and Criminal Justice/U.S. Dept. of Justice	\$38,020

# Congratulations Award Recipients!

College			
Department Name	Title	Sponsor	Award
Hobbs, Anne	Assistance with Sarpy County Data Collection - Juvenile Detention Alternatives (JDAI)	Sarpy County	\$2,647
	Evidence-based Nebraska	Nebraska Commission on Law Enforcement and Criminal Justice	\$210,000
Spohn, Ryan	Evaluation of Douglas County Collective Impact Project	Sherwood Foundation	\$231,504
	Completely KIDS Evaluation	Completely Kids	\$8,294
<b>School of Public Administration</b>			
Bennett, DeeDee	Emergency Management Higher Education Core Competencies Focus Group	U.S. Dept. of Homeland Security	\$2,072
Eikenberry, Angela	Omaha Community Foundation Omaha Gives Evaluation Contract	Omaha Community Foundation	\$7,500
Tarry, Scott	Large Volume Crystal Growth of Superoxide Dismutase Complexes in Microgravity for Neutron Diffraction Studies	National Aeronautics and Space Administration/EPSCoR	\$750,000
<b>International Studies &amp; Programs</b>			
<b>Dean's Office</b>			
Gouttierre, Thomas	U.S. Institutes for Student Leaders from Southeast Asia	U.S. Dept. of State	\$239,529
McNamara, Patrick	Women in University Administration Professional Exchange	U.S. Dept. of State	\$220,086

**Total Award Amount: \$7,988,271**



8<sup>TH</sup> ANNUAL  
**STUDENT RESEARCH AND CREATIVE ACTIVITY FAIR**  
FRIDAY, MARCH 4, 2016 | 9:00 A.M. - 4:00 P.M.  
The University of Nebraska at Omaha | Dr. C.C. and Mabel L. Criss Library

**See you there!**

Label here

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