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SPR Bulletin, Fall 2015

UNO Office of Research and Creative Activity
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OFFICE OF RESEARCH AND CREATIVE ACTIVITY

SPONSORED PROGRAMS AND RESEARCH BULLETIN

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research.unomaha.edu

Congratulations to the Recent Award Recipients!

July 1, 2015 through December 31, 2015

College	Department Name	Title	Sponsor	Award
Academic and Student Affairs				
Community Engagement Center				
	Woods, Sara	Black Police Officers Association Internship	Black Police Officers Association	\$5,415
		Avenue Scholars Support Program	Avenue Scholars Foundation	\$52,859
Multicultural Affairs				
	Freeman, James	Challenge Our Youth to Succeed	HoChunk Community Development Corp.	\$8,000
Project Achieve				
	Clancy, Melvin	Project Achieve	U.S. Dept. of Education	\$313,272
Business and Finance				
Public Safety				
	Evans, Charlotte	Distracted Driving: Texting and Driving Campaign	Nebraska Office of Highway Safety/U.S. Dept. of Transportation	\$1,500
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/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

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College	Department Name	Title	Sponsor	Award
Office of Latino/Latin American Studies				
	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
Physics				
	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
Political Science				
	Kilinc, Ramazan	Dialogue with Muslim Communities in Omaha	Humanities Nebraska	\$3,000
Psychology				
	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
Sociology/Anthropology				
	Pelton, Julie	Midwest Sociological Society Executive Director	Midwest Sociological Society	\$248,298
College of Business Administration				
Center for Economic Education				
	Wagner, Jamie	Kazanjian Web Project	Kazanjian Economics Foundation	\$13,000
Economics				
	Diamond, Arthur	Course Development	Charles G. Koch Foundation	\$10,000
Executive MBA Program				
	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
Marketing & Management				
	Ligon, Ginamarie	Strategic Leadership Fellows Program	National Strategic Research Institute/U.S. Dept. of Defense	\$117,170

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College			
Department Name	Title	Sponsor	Award
Ligon, Ginamarie	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
Nebraska Business Development Center			
Bernier, Robert	Nebraska Business Development Center	U.S. Small Business Administration	\$30,000
Doga, Veronica	Procurement Technical Assistance Program for Business Firms	Defense Logistics Agency	\$300,000
Rodriguez, Marisol	FEDERAL AND STATE TECHNOLOGY PARTNERSHIP PROGRAM (FAST)	U.S. Small Business Administration	\$100,000
Sargus, Harold	STEP Grant contract for Small Business Market Research	Nebraska Dept. of Economic Development	\$7,140
Waters, Jean	Technical, Motivational, and Market Information to Promote P2	U.S. Environmental Protection Agency	\$59,607
College of Communication, Fine Arts & Media			
Art and Art History			
Johnson, Jeremy	Standards Roadshow 2016	Nebraska Arts Council Development Corporation	\$20,000
KVNO			
Buckingham, Dana	CPB:CSG (Restricted/Unrestricted) 9/30/17	Corporation for Public Broadcasting	\$73,430
School of Communication			
Gearhart, Sherice	Finding the impact zone: Testing health news for the Native American audience	Waterhouse Family Institute	\$8,594
School of Music			
Madsen, Peter	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
Perkinson, Mary	Partners in Performance	Nebraska Arts Council/National Endowment for the Arts	\$1,600
School of the Arts			
Lu, Li-Fen	Empowering the Digital Generation through Creating Highly Interactive Virtual Environments (HIVEs)	National Art Education Foundation	\$8,250
College of Education			
Biomechanics			
Myers, Sara	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

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	Myers, Sara	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
	Wurdeman, Shane	Enhancing the prosthetic interface: 1/f vibrotactile socket stimulation to improve the adaptability of trans-tibial amputees	National Institutes of Health	\$425,398
	Yentes, Jennifer	Effects of Aging on the Regularity of Plantar Pressure Distributions	SHAPE America	\$2,500
<u>School of Health, Physical Education, & Recreation</u>				
	Berg, Kris	Bone-Loading Exercises versus Risedronate on Bone Health in Post-Menopausal Women	University of Nebraska Medical Center/NIH	\$1,712
	Coleman, Jason	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
	Jawed-Wessel, Sofia	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
	Slivka, Dustin	Human Skeletal Muscle Responses to Temperature: Implications in Health and Disease	University of Nebraska Medical Center/NIH	\$50,000
<u>Special Education & Communication Disorders</u>				
	Teten, Amy	2015 NSLHA Convention	Sertoma International	\$425
<u>Teacher Education</u>				
	Edwards, Sarah	UNO/OPS Para-to-Teacher Project	Omaha Public Schools	\$323,550
	Grandgenett, Nealy	The Wearable Technologies Project	University of Nebraska - Lincoln/NSF	\$37,751
<u>College of Information Science & Technology</u>				
<u>Computer Science</u>				
	Bhowmick, Sanjukta	XPS: EXPL: FP: Collaborative Research: Scalable Parallel Algorithms for Network Dynamics Analysis (SPANDAN): A Sparsification-based Approach	National Science Foundation	\$146,528
	Dorn, Brian	CER: openHTML - Scaffolded Web Development Toolkit to Support Elementary Computational Literacy	Drexel University/NSF	\$17,961
<u>Dean's Office</u>				
	Khazanchi, Deepak	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

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Khazanchi, Deepak	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
School of Interdisciplinary Informatics			
Bastola, Dhundy	Nebraska Research Network of Functional Genomics - Bioinformatics	University of Nebraska Medical Center/NIH	\$33,679
Derrick, Douglas	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
Fruhling, Ann	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
	Web-Enabled Juvenile Diversion Case Management System	Nebraska Commission on Law Enforcement and Criminal Justice	\$50,000
Mahoney, William	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
Pauley, Mark	RCN-UBE: Network for Integrating Bioinformatics into Life Sciences Education	National Science Foundation	\$499,937
College of Public Affairs & Community Service			
Goodrich Scholarship Program			
Romero, Troy	Transitions	Autism Action Partnership	\$30,144
Grace Abbott School of Social Work			
Harder, Jeanette	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
Szto, Peter	Project NETWORK	Health Resources and Services Administration	\$404,598
School of Criminology & Criminal Justice			
Batton, Candice	NDCS Graduate Assistantship	Nebraska Dept. of Corrections	\$29,794
Hobbs, Anne	JAG 3 Year Strategic Plan 2015	Nebraska Commission on Law Enforcement and Criminal Justice/U.S. Dept. of Justice	\$38,020

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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
School of Public Administration			
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
International Studies & Programs			
Dean's Office			
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



8TH 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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