

2016

Internal Funding Newsletter, Academic Year 2015-2016

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

Follow this and additional works at: <http://digitalcommons.unomaha.edu/orcafundingnewsletters>



Part of the [Higher Education Commons](#), and the [Higher Education Administration Commons](#)

Recommended Citation

Office of Research and Creative Activity, UNO, "Internal Funding Newsletter, Academic Year 2015-2016" (2016). *Internal Funding Newsletters*. Paper 3.

<http://digitalcommons.unomaha.edu/orcafundingnewsletters/3>

This Newsletter is brought to you for free and open access by the Office of Research and Creative Activity at DigitalCommons@UNO. It has been accepted for inclusion in Internal Funding Newsletters by an authorized administrator of DigitalCommons@UNO. For more information, please contact unodigitalcommons@unomaha.edu.



Office of Research and Creative Activity Internal Funding Newsletter Academic Year 2015-2016



Dr. Scott Snyder at the 8th annual Student Research and Creative Activity Fair on March 4, 2016

Dear Colleagues and Friends,

As the University of Nebraska at Omaha (UNO) continues to foster an environment in which scholarly activities of faculty, staff, and students can thrive, the Office of Research and Creative Activity is expanding to meet these needs. I am pleased to introduce Dr. Sara Myers as our new Assistant Vice Chancellor for Research and Creative Activity. Dr. Myers holds a Bachelor of Science from UNO, a Master of Science from UNO, and a Doctorate of Philosophy from the University of Nebraska Medical Center (UNMC). She began her tenure at UNO in 2005 and since has held many positions including Director of the Nebraska Biomechanics Core Facility; Director of the Gait Analysis Laboratory; and Associate Professor of the Center for Research in Human Movement Variability. During her career, Dr. Myers has presented at dozens of conferences and published a number of articles focused on peripheral arterial disease, gait variability, and related topics. She has received countless awards and honors for her work. We look forward to seeing where Dr. Myers' leadership takes our funding programs.

This past year, we have continued to develop and invest in a variety of funding programs to support faculty and student research and creative activity. In the 2015-2016 academic year, programs provided \$459,938 for a wide range of projects, reflecting the diverse interests and activities of the UNO community: a flute recital tour of Belgium and the Netherlands, the effect of virtual reality on human movement variability, the experiences of female high school students and their interest in STEM, a history of tourism and indigenous performance in the South Pacific since 1945, and autonomous detection of hazardous gas emissions using drones.

Through internal funding opportunities, students collaborate with expert faculty mentors in a wide variety of disciplines. Student grants also continued to provide funding for unique travel opportunities. The Fund for Undergraduate Scholarly Experiences (FUSE) and Graduate Research and Creative Activity (GRACA) programs funded student travel to France, Argentina, the South Pacific, and across the United States. UNO's 8th annual Student Research and Creative Activity Fair showcased 204 graduate and undergraduate student projects, many of which received funding from the FUSE, GRACA, and UCRCA grant programs.

Internal funding provides opportunities for faculty to create new connections and collaborate nationally and internationally. The results of faculty research and creative activity are used to solve real-world problems and are presented in the peer-reviewed literature and at conferences, exhibitions, and performances around the globe. Internal funding opportunities also give faculty the ability to attract resources from outside the university to sustain long term collaborative relationships.

Finally, I would like to take a moment to thank all of our dedicated faculty reviewers who have served on FUSE and GRACA review panels in the past year, as well as the members of the UCRCA committee. These programs do not operate without their time and expertise. We look forward to working with the UNO community over the coming year as we explore all our students and faculty have to contribute.

Best regards,

Scott D. Snyder, Ph.D.
Chief Research Officer

UNIVERSITY OF
Nebraska
Omaha



UNIVERSITY COMMITTEE ON RESEARCH AND CREATIVE ACTIVITY (UCRCA) Faculty Awards

The purpose of UCRCA is to expand the capacity for research and creative activity at UNO. The UCRCA supports all areas, types, and disciplines of research and creative activity by pre- and post-tenured faculty at UNO. The committee places special emphasis on seed grant funding for projects potentially leading to external funding and on grants to new faculty to help them establish programs of research/creative activity.

Last	First	College	Dept.	Project Title	Award
Baccouch	Mahboub	AS	MATH	New efficient and accurate numerical schemes for stochastic differential equations	\$5,000
Bastola	Dhundy	IST	SI2	A Crowd-enhanced Molecular Identification of Medically Important Pathogens	\$5,000
Beard	Christine	CFAM	MUS	European Recital Tour in Belgium and The Netherlands	\$3,043
Bridgeford	Tracy	AS	ENGL	Teaching Professional and Technical Communication	\$2,500
Dinkel	Danae	ED	HPER	A Needs Assessment of Omaha Service Providers and Mothers to Better Understand Maternal Well-Being	\$1,000
Kelley-Gillespie	Nancy	CPACS	SOWK	Grandparents Raising Grandchildren	\$581
Kennedy	Tammie	AS	ENGL	You Had Me at Merlot: Representations of Women's Wine Drinking in American Advertising	\$5,000
Lierler	Yuliya	IST	CS	Constraint Answer Set Solver EZCSP meets Minizinc	\$5,000
Marmelat	Vivien	ED	HPER	Stitching together short gait trials for understanding stride-to-stride organization over time	\$3,200
Perkinson	Mary	CFAM	MUS	Timeless Music and a Timeless Disease: Classical Composers and Consumption	\$4,655
Wong	Ryan	AS	BIOL	Neural Mechanisms of Stress Coping Styles	\$5,000
Yentes	Jennifer	ED	HPER	Assessing standard balance tests in COPD patients to determine the best prediction of fall prevalence	\$5,000
Total Faculty UCRCA Awards:					\$44,979

FACULTY AWARD: ADROCA

The Award for Distinguished Research or Creative Activity (ADROCA) recognizes and honors preeminent achievement in research or creative activity by faculty members of the University of Nebraska at Omaha (UNO).

2015/2016 Recipient

Angela Eikenberry
Public Administration

UNO alumna Angela Eikenberry is a professor in the School of Public Administration who enjoys working with her supportive, kind, and hard-working colleagues. She is an accomplished researcher whose work is being honored with the UNO ADROCA Award. Eikenberry's research has been featured on NPR's "All Things Considered" and in the Stanford Social Innovation Review. Her book, *Giving Circles: Association, and Democracy*, won CASE's 2010 John Grenzbach Research Award for Outstanding Research in Philanthropy.

One of her biggest career moments was being selected for a 2014-2015 UK Fulbright Scholar Award to study giving circles in the UK.



2015-2016 Internal Funding Awardees

Student Awards

FUND FOR UNDERGRADUATE SCHOLARLY EXPERIENCES (FUSE)

The Office of Research and Creative Activity (ORCA) announces the Fund for Undergraduate Scholarly Experiences (FUSE). FUSE grants support faculty-mentored undergraduate student research and creative activity. Grants of up to \$4,500 per student are available to UNO undergraduate students.

Last	First	Faculty Mentor	College	Dept.	Project Title	Award
Adams	Angela	Strasser	AS	PSYC	Courting behavior among biparentally and uniparentally raised zebra finches	\$2,500
Al Kadhim	Ali	Sabirianov	AS	PHYS	Designing high performance nanostructured iron platinum magnets	\$2,500
Anderson	Samuel	Hagen	AS	CHEM	Synthesis of Anti-trypanosomal Dibenzo-1,4-dioxin and Phenoxazine Derivatives	\$2,500
Bargstadt	Jessica	Wong	AS	BIOL	Danio rerio (zebrafish) sex-specific reactions to aggressive interactions between nearby conspecifics	\$2,500
Barry	Laurie	Hutt	AS	PHREL	Women and Religion: Contemporary Readings of Ancient Texts	\$2,500
Behne	Eagan	Zhong	AS	CHEM	Analysis of the structures of Cytochrome P450 isozyme CYP2D6 mutant variants across two different populations and study of the structural impact on drug metabolism.	\$2,000
Bergwell	Hannah	Sollars	AS	PSYC	Orally Administered Capsaicin Effects on Rat Taste Bud System across Development (Adult Microglia Counts)	\$2,500
Bezhani	Mahmud	Tapprich	AS	BIOL	SHAPE Analysis of 5' UTR of CVB3-28 RNA	\$2,500
Blaser	Monica	Kolok	AS	BIOL	Assessing the Movement of Atrazine within the Mississippi River Watershed	\$2,500
Brown	Grace	Gift	AS	CHEM	Effects of Polymers on the Anhydrous to Hydrate Transformation of Nitrofurantoin	\$2,500
Buchta	Roland	Proulx	AS	FLNG	Literary Analysis of Albert Camus' Most Intellectually Challenging Works	\$2,500
Caniglia	Casey	Yentes	ED	HPER	Creating a Standard in At -Home Pulmonary exercise Maintenance Programs; A pilot study	\$2,500
Carne	Catherine	French	AS	PSYC	The Influence of Oxytocin on the Social Recognition of Faces in Marmoset Monkeys	\$2,500
Carter	Mark	Sollars	AS	PSYC	Plasticity in the Developing Taste System (Chorda Tympani Nerve Transection, Intact Side in Neonatal Rats)	\$2,500
Chen	Li-Dunn	Strasser	AS	PSYC	Variables that Influence Hormonal Synchronization between Humans and Dogs	\$2,500

FUND FOR UNDERGRADUATE SCHOLARLY EXPERIENCES (FUSE)

Last	First	Faculty Mentor	College	Dept.	Project Title	Award
Christensen	Devin	Wilson	AS	BIOL	Ord's kangaroo rat (<i>Dipodomys ordii</i>) as a habitat engineer in the Nebraska Sandhills: fungal transport in cheek pouches as a possible benefit to the nitrogen cycle	\$2,400
Christian-sen	Jenna	Blankenship	AS	BIOL	Construction of Auxotrophic Strains of <i>Candida albicans</i> Clinical Strains	\$2,500
Craig	Zechariah	Kreiling	AS	CHEM	Design of a Stable 1-3 Mannose-6-Phosphate Binding Domain	\$2,500
Danielsen	Goodmond	Kellar	AS	BIOL	Taxonomic Placement of the Nidulariaceae of Nebraska and Iowa Based on Molecular and Morphological Data	\$2,500
Davila	Jose	Wong	AS	BIOL	Investigating How Stress Coping Influences Molecular Mechanisms of Learning in Zebrafish	\$2,500
Devlin	Joseph	Dempsey	IST	SI2	Investigating the Validity of a Mosquito-Borne Infection Model	\$2,100
Doane	Britny	Desmarais	AS	PHREL	Divine Madness: 64 variations on Artistic Experience as Mystical Experience, and Mystics as Artists	\$4,368
Dolezal	Lucas	Erdogmus	ENG (UNL)	AENG	Development of Structural Design Guidelines for Compressed Stabilized Earth Block Masonry	\$2,500
Dziatkowski	Christopher	Blankenship	AS	BIOL	Generation of a fluorogen-activating tag for <i>Candida albicans</i> protein localization	\$2,500
Eastman	Rachel	Stack	AS	CHEM	Redox Properties of Amino O-Estrogen Quinones	\$2,500
Freeman	Jordan	Yentes	ED	HPER	An investigation into the correlation between step width variability and balance deficits in patients with chronic obstructive pulmonary disease	\$2,500
Fry	Maeghan	Lierler	IST	CS	Knowledge-Based Linguistic Reasoning	\$2,000
Gowen	Austin	Wong	AS	BIOL	Differential Expression of Anxiety Related Genes Within the Forebrain and Midbrain of <i>Danio rerio</i>	\$2,500
Groff	Boman	Harrison	ED	HPER	The Effect of Virtual Reality on Human Movement Variability	\$2,500
Gutierrez	Jeremy	Blansett	AS	HIST	Between Acceptance and Resistance: The History of Tourism and Indigenous Performance in the South Pacific (1945-Present)	\$4,500
Hare	Johnathon	Baca - Garcia	IST	CS	Autonomous Detection of Hazardous Gas Emissions using UAVs	\$2,500
Hartley	Ryan	Myers	ED	HPER	Reliability and Validity of a Self-Paced Treadmill	\$2,500
Hayworth	Benjamin	Newman	AS	PHREL	The Property of Mass: An Interdisciplinary Metaphysical Investigation	\$2,000
Heller	Abi	Beadle	CPACS	GERO	Perception, Cognition and Emotion in Healthy and Younger Adults	\$2,500

FUND FOR UNDERGRADUATE SCHOLARLY EXPERIENCES (FUSE)

Last	First	Faculty Mentor	College	Dept.	Project Title	Award
Huff	Grogan	Dempsey	IST	SI2	Correlation Networks to Identify Causative Relationships from Gene Expression	\$2,000
Irvin	Joshua	Lierler	IST	CS	Rewriting Techniques to Improve Performance in Answer Set Programming	\$2,000
Joe	Timothy	Baca - Garcia	IST	CS	Vision-Based Mobile Robotic Platform for Autonomous Landing of Quadcopters	\$2,500
Johnson	Christopher	Rowen	AS	BIOL	Determining the Mechanism of Action of the Antimicrobial Peptide DASamp2 by Characterization of Two Highly Resistant Mutants	\$2,500
Jump	Lindsay	Jones	AS	WMST	Student Gender and Sexual Health Outreach Through Social Media	\$2,500
Kalina	Allison	Myers	ED	HPER	The Effects of Walking Speed On Gait Propulsion When Wearing an Ankle-Foot Orthosis	\$2,500
Kapinga	Esther	Schoenbeck	AS	BIOL	Development of Molecular Tools for Identification of Prairie Terrestrial and Wetland Algae	\$2,500
Krzyzanowski	Trevor	Slivka	ED	HPER	Effects of Whole Body Heating During Warm-up on Strength, Power, and Flexibility.	\$2,467
Lee	Jennifer	Saltamacchia	AS	HIST	Middle Ages Currency Conversion Calculator	\$2,500
Lentz	Shane	Myers	ED	HPER	Treadmill Walking for Claudication	\$2,500
Lotfy	Kerolos	Hale	IST	SI2	Wearable Application Security Analysis in the Internet of Things	\$2,500
Maaiah	Samuel	Takahashi	ED	HPER	The effect of auditory stimulation on human movement variability and associated cortical involvement 632-13-EP	\$2,450
Mace (Intorre)	Allison	French	AS	PSYC	The Roles of Oxytocin and Vasopressin in Modulating Caregiver Responses to Juvenile Marmoset Monkeys	\$2,500
Malchow	Monica	Reiter - Palmon	AS	PSYC	Self Reports and Problem Construction	\$2,500
Martens	Matthew	Davis	AS	BIOL	Evaluation of Carbon Dioxide-Independent Media for Toxoplasma gondii Growth	\$2,500
Monzingo	Elyssa	Davis	AS	BIOL	Development of Combinations of FDA Approved Drugs to Combat Toxoplasma gondii Chronic Infection	\$2,500
Moore	Margaret	Davis	AS	BIOL	Efficacy of a Promising Molecular Adjuvant as a Post Exposure Vaccine to Toxoplasma Gondii	\$2,500
Muller	Skylar	Strasser	AS	PSYC	Behavior of zoo visitors and their empathy towards zoo animals	\$2,188

FUND FOR UNDERGRADUATE SCHOLARLY EXPERIENCES (FUSE)

Last	First	Faculty	Mentor	College	Dept.	Project Title	Award
Nielsen	James	Mukherjee		ED	HPER	The effect of a passive exoskeletal device on locomotor adaptive ability in healthy human subjects	\$2,450
Oduwo	Elizabeth	Chase		AS	BIOL	Genetic Variants Contributing to Frontotemporal Dementia with Parkinsonism	\$2,500
Pachunka	Emily	Dempsey		IST	SI2	Gateway Node Analysis of Gene Expression in the Diauxic Shift of <i>Saccharomyces cerevisiae</i>	\$2,000
Pentzien	Trevor	Matache		AS	MATH	Properties of Cellular Networks and Determinative Power of Nodes	\$2,300
Reed	Connor	Harrison		ED	HPER	Perceiving and acting in relation to biological rhythms and movements	\$2,500
Rerucha	Jessica	Rauter		AS	BIOL	Social Immunity in a Sub-social Insect: Influence of Parental Care and Exposure to Microbes During Development	\$2,500
Robinson	Jacob	Cutucache		AS	BIOL	Characterization of Cav1 signaling on immune effector and suppressor cells	\$2,500
Rozema	Heather	Grams		AS	PHREL	Correlation between Neural Chemistry Personality Formation and Normative Ethic Choice	\$2,000
Salisbury	William	Cortese		AS	PSYC	Reading Words and Nonwords	\$2,500
Schwartz	Katherine	Delkamiller		ED	SPED	Deaf Education and Mental Health	\$2,500
Sibrian	Marvin	Dickson		AS	BIOL	Establishment of Milkweed Seeds under Different Conditions	\$2,500
Smolsky	Joe	Krasnoslobodtsev		AS	PHYS	Testing Conditions for Optimal Performance of Tip-Enhanced Raman Scattering	\$2,500
Tangirala	Nishchala	Bhowmick		IST	CS	Modeling and Influencing Epidemic Spread in Large Networks	\$2,000
Wagner	Joshua	Chao		CFAM	COMM	The Controversiality of Saying Black Lives Matter: Past and Present	\$2,500
Wilson	Jessica	Matthews		AS	MATH	Effects of IBL Instruction on a Precalculus Course	\$1,600
Won	Harim	Davis		AS	BIOL	Application of a Promising Molecular Adjuvant Therapy Against <i>Toxoplasma gondii</i> Using Bradyzoite Lysate	\$2,500
Total FUSE Awards:							\$167,823
Total FUSE Mentor Awards:							\$31,000

GRADUATE RESEARCH AND CREATIVE ACTIVITY (GRACA)

GRACA grants support faculty-mentored graduate student research and creative activity. Grants of up to \$5,000 per student were available to UNO graduate students who would be enrolled through fall semester 2015.

Last	First	Faculty Mentor	College	Dept.	Project Title	Award
Bass	Ellyn	French	AS	PSYC	Hormones and Social Behavior	\$5,000
Baudendistel	Sidney	Yentes	ED	HPER	An Investigation in Muscle Activation during Load Carrying	\$5,000
Bustillos	Alejandro	Phaneuf	CFAM	THTR	Contemporary Ethnographic Performance Methodologies in London	\$5,000
Buttner	Alicia	Strasser	AS	PSYC	Effects of Social Deprivation on Neuroendocrine and Social-Cognitive Systems in Dogs	\$5,000
Carp	Sarah	French	AS	PSYC	The Role of Social Context and Dopamine in Partner Fidelity in Marmoset Monkeys	\$5,000
Cavanaugh	Jon-Ryan	French	AS	PSYC	Effects of Oxytocin and Vasopressin on Social Attractiveness	\$5,000
Chen	Zhiyuan	Song	IST	CS	Improving Software Quality via Effective Code Change Inspection in Collaborative Software Development	\$5,000
Cunningham	Kristen	Strasser	AS	PSYC	Using Physiological Measures to Determine the Age of Consistent Reactivity Levels in Service Dogs	\$5,000
Danthuluri	Anjani	Bass	BA	MKTG/ MGMT	A Typology of Criteria Used By Microfinance Institutions to Evaluate Potential Microentrepreneurs	\$4,990
Elson	Joel	Derrick	IST	SI2	Quantifying Uncertainty: Improving Decision Making Under Stress	\$5,000
Erks	Rebekka	Allen	AS	PSYC	Volunteering to Become Engaged and Perform Better at Work	\$5,000
Folberg	Abigail	Ryan	AS	PSYC	Perceptions of Work and Careers	\$5,000
Fuller	Julia	Ligon	BA	MKTG/ MGMT	Examining the Influence of Violent Extremist Organizations' Branding on Attack Performance	\$5,000
Genoways	Sharon	Grandgenett	ED	TED	The Experiences of Female High School Students and Interest in STEM: What Factors Lead to the Selection of an Engineering or Computer Science Major	\$4,928
Hoxmeier	Joshua	Battisti	AS	HIST	Italian Americans and the Formation of Ethnic Identity during and after the Second World War	\$3,875
Landowski	Nicole	Allen	AS	PSYC	The Meeting Went Great! Or Did It? Identifying the Meeting Leader Blindspot	\$5,000
Logan	Michael	Simi	CPACS	CJUS	Victimization as a Pathway to Violent Extremism	\$5,000
Maakestad	Clare	Pelton	AS	SOC	Harvesting the City: Sustainability, Sustenance, and Community Gardens in Omaha, Nebraska	\$5,000
McFarland	Madalyn	Davis	AS	BIOL	Mutagenesis: Evaluating Targets of an Experimental Treatment of Toxoplasma gondii	\$5,000
McGuffey	Megan	Hoflund	CPACS	PA	Food and the Urban Policy Agenda: Understanding the Innovators	\$3,261
Meigs	Doug	Ritter	AS	SOC	Lone Man and All My Relations	\$5,000
Nightengale	Erica	Beard	CFAM	MUS	Contemporary Flute Music of Argentina	\$4,985

GRADUATE RESEARCH AND CREATIVE ACTIVITY (GRACA)

Last	First	Faculty Mentor	College	Dept.	Project Title	Award
Park	Sungho	Maher	CPACS	PA	The Assessment of the Impacts of Differently-designed Tax and Expenditure Limitations (TELEs) on Local Government Fiscal Outcomes: A Game Theoretic Approach	\$4,999
Proskovec	Amy	French	AS	PSYC	Neural Activity and Working Memory: The Impact of Task Difficulty	\$5,000
Ramachandran	Devika	Fruhling	IST	SI2	Evaluation of Effective Authentication Method for PHRs	\$5,000
Ramana Reddy Garlapati	Venkat	Dasgupta	IST	CS	Autonomous UAV Navigation in an Indoor Environment for Warehouse Inventory Recording	\$5,000
Ray	Samuel	Takahashi	ED	HPER	Augmenting Human Muscle Performance through Added Foot Stiffness	\$5,000
Riquier	Andrew	Sollars	AS	PSYC	Time Course of Microglia Response to Chorda Tympani Nerve Transection in Neonatal Rats	\$5,000
Rock	Chase	Takahashi	ED	HPER	Efficient Variability: Linking Fractal Walking Patterns with Metabolic Energy Savings	\$5,000
Senior-Remsa	Candi	Chase	AS	BIOL	Functional Genetics of Mind-Meld in Drosophila Melanogaster	\$5,000
Seul Kim	Ji	Ebdon	CPACS	PA	Allocative effects of state capital budgeting institutions	\$5,000
Shelton	Haley	Ligon	BA	MKTG/ MGMT	Job Analysis for Knowledge Workers	\$5,000
Tarrell	Alvin	Fruhling	IST	SI2	Toward Better-Informed Healthcare Patients	\$5,000
Trent	Sheridan	Allen	AS	PSYC	Volunteer Attrition: Reducing Incivility among Coworkers	\$5,000
Tripathi	Abhishek	Khazanchi	IST	DEAN	Myth or Reality? Crowdsourcing as a Complex Problem Solving Model: Evidence from Software Developed by the Crowd and Professionals	\$5,000
Valgardson	Bradon	Schwartz	CPACS	CJUS	A Biosocial Analysis of the Intergenerational Transmission of Violence and Maltreatment	\$5,000
VanAntwerp	Ursula	Chao	CFAM	COMM	How the authentic leadership behaviors of extraverted and introverted college instructors influence students: A qualitative study	\$5,000
Watson	Kristen	Yentes	ED	HPER	The effect of dual-motor task on postural control variability during walking	\$5,000
West	Sean	Ali	IST	DEAN	Reducing drug side-effects through data integration	\$5,000
Womack	Stephanie	French	AS	PSYC	The influence of neuropeptides on salience of olfactory stimuli in marmosets	\$5,000
Yoerger	Michael	Allen	AS	PSYC	Influence of Meeting Humor Styles on Meeting Satisfaction	\$5,000

Total GRACA Awards: \$202,038

UNIVERSITY COMMITTEE ON RESEARCH AND CREATIVE ACTIVITY (UCRCA) Student Awards

The purpose of the UCRCA is to expand the capacity for research and creative activity at UNO. UCRCA supports all areas, types, and disciplines of research and creative activity by pre- and post- tenured faculty and graduate and undergraduate students.

Last	First	Faculty Mentor	College	Dept.	Project Title	Award
Applequist	Bryon	Myers	ED	HPER	Gait Variability in Children	\$500
Behrens	Eric	Dickson	AS	BIOL	Using Remote Sensing to Measure Small Scale Heterogeneity on a Patch Burn Grazing Landscape	\$500
Borghelink	Cori	Fawcett	AS	BIOL	Herpetofauna Capture-Recapture in Restored Prairie	\$500
Brown	Lindsay	Wolfenbarger	AS	BIOL	Landscape and Local Features that Influence Habitat Use and Behavior of Shorebirds in Agriculture Fields during Migration in the Rainwater Basin, Nebraska	\$500
Cunningham	Kristen	Strasser	AS	PSYC	Chemosensory Transmission of Cortisol Levels between Human Owners and Competition Dogs	\$500
Dinan	Nicholas	Slivka	ED	HPER	Human Skeletal Muscle Response to Exercise in Differing Environmental Temperatures	\$500
Fujan-Hansen	Jessica	Mukherjee	ED	HPER	Asymmetry in the complexity of gait in younger stroke populations	\$500
Geest	Emily	McCarty	AS	BIOL	The influence residential milkweed gardens have on two common monarch (<i>Danaus plexippus</i>) parasites infection rates	\$500
Hammadi	Bashayer	Morrison	AS	HONORS	Gooseberries and Christensens' wives	\$500
Hernandez	Natividad	Jawed-Wessel	ED	HPER	Engagement of Latino/Hispanic MSM in HIV Prevention	\$500
Hezel	Gabriella	Morrison	AS	HONORS	Exploring Polish Diaspora: Sites of Memory in Buenos Aires, Argentina	\$500
Hoxmeier	Joshua	Battisti	AS	HIST	Italian American Ethnic Identity during and after the Second World War	\$500
Huffman	Michelle	French	AS	PSYC	Neuroendocrine and psychological factors associated with burnout, compassion fatigue, and reduced compassion satisfaction in mental health workers	\$500
Laursen	Terence	Slivka	ED	HPER	Human Skeletal Muscle Response to Exercise in Differing Environmental Temperatures	\$500
Roth-Groleau	Colleen	Rauter	AS	BIOL	Natural History and Reproductive of a Comprehensive Population of Prairie Rattlesnakes (<i>Crotalus viridis</i>) in Kansas	\$500
Smith	Sara	Morrison	AS	HONORS	NCUR 2016	\$432

UNIVERSITY COMMITTEE ON RESEARCH AND CREATIVE ACTIVITY (UCRCA) Student Awards

Last	First	Faculty Mentor	College	Dept.	Project Title	Award
Snyder	Kailey	Dinkel	ED	HPER	A phenomenological Examination of the Relationship between Exercise Motivation and Weight Stigma Utilizing a Multi-Design Methodology	\$360
Taylor	KayLee	St. Pierre-Smith	CFAM	ART	The Applications of 3D Printing Technology in Jewelry Making for Costuming	\$500
Valdez-Ortiz	Tania	St. Pierre-Smith	CFAM	ART	Not just another costume history research: How getting out of the box inspired my design for Animal Farm, at the United States Institute of Theatre Technology.	\$500
Wagner	Joshua	Chao	CFAM	COMM	Travel Proposal for Presentation at CSCA 2016 in Grand Rapids	\$500
Watson	Kristen	Yentes	ED	HPER	The Effects of Task Difficulty and Vision during Dual-Motor Tasking on Gait in Young and Older Healthy Adults	\$500
Wickard	Chase	Wolfenbarger	AS	BIOL	Effects of Habitat Matrix on Brown-headed Cowbird (<i>Molothrus ater</i>) Abundances in CRP Patches	\$500
Wickstrom	Jordan	Kyvelidou	ED	HPER	Investigating the Interaction between Social and Motor Processes in Children with Autism	\$495
Young	Aaron	Wolfenbarger	AS	BIOL	Seasonal fecundity and post-fledging survival and habitat selection of Henslow's Sparrow	\$500
Total Student UCRCA Awards:						\$14,098



2015-2016 FACULTY MENTORS

FUSE grants support faculty-mentored undergraduate student research and creative activity.

GRACA grants support faculty-mentored graduate student research and creative activity.

The purpose of the UCRCA is to expand the capacity for research and creative activity at UNO. UCRCA supports all areas, types, and disciplines of research and creative activity by pre- and post- tenured faculty and graduate and undergraduate students.

A special thank you to the following faculty mentors.

Hesham Ali	Ann Fruhling	Cynthia Phaneuf
Joseph Allen	Alan Gift	Patrice Proulx
Jose Baca-Garcia	Laura Grams	Claudia Rauter
Andrea Bass	Nealy Grandgenett	Roni Reiter-Palmon
Danielle Battisti	James Hagen	Beth Ritter
Janelle Beadle	Steven Harrison	Donald Rowen
Christie Beard	Amy Hoflund	Carey Ryan
Sanjukta Bhowmick	Curtis Hutt	Renat Sabirianov
Jill Blankenship	Sofia Jawed-Wessel	Martina Saltamacchia
Kent Blansett	Margaret Jones	Mark Schoenbeck
Chin-Chung Chao	P. Roxanne Kellar	Joseph Schwartz
Bruce Chase	Alan Kolok	Peter Simi
Michael Cortese	Alexey Krasnoslobodtsev	Dustin Slivka
Christine Cutucache	Jodi Kreiling	Suzanne Sollars
Prithviraj Dasgupta	Anastasia Kyvelidou	Myoungkyu Song
Paul Davis	Yuliya Lierler	Valerie St. Pierre-Smith
Julie Delkamiller	Ginamarie Ligon	Douglas Stack
Kathryn Dempsey	Craig Maher	Rosemary Strasser
Douglas Derrick	Dora Matache	Kota Takahashi
Michelle Desmarais	Michael Matthews	William Tapprich
Timothy Dickson	John McCarty	James Wilson
Danae Dinkel	Lucy Morrison	L. LaReesa Wolfenbarger
Carol Ebdon	Mukul Mukherjee	Ryan Wong
Ece Erdogmus	Sara Myers	Jennifer Yentes
James Fawcett	Andrew Newman	Haizhen Zhong
Jeff French	Julie Pelton	

OFFICE OF RESEARCH & CREATIVE ACTIVITY

INTERNAL FUNDING OPPORTUNITIES AND SUMMARY

The University of Nebraska at Omaha shall not discriminate based upon age, race, ethnicity, color, national origin, gender-identity, sex, pregnancy, disability, sexual orientation, genetic information, veteran's status, marital status, religion, or political affiliation. 0478ABROTEMP0316

Contact Us:
 Phone: 402.554.2286
 Email: unoorca@unomaha.edu

University Committee on Research and Creative Activity (UCRCA) *Deadlines for full faculty proposals are 11/1/16 and 2/1/17. Faculty and student mini grant deadline is the first working day of each month October 2016-March 2017*

The purpose of the UCRCA is to expand the capacity for research and creative activity at UNO. UCRCA supports all areas, types and disciplines of research and creative activity by pre- and post- tenured faculty and graduate and undergraduate students.

The award strives to recognize and honor preeminent achievement in research or creative activity by faculty members of UNO.

Fund for Undergraduate Scholarly Experiences (FUSE) - *Deadlines are 10/11/16 and 2/14/17*

FUSE grants will support faculty-mentored, undergraduate student research and creative activity. Grants of up to \$4,500 per student are available to UNO undergraduate students who will be enrolled through fall semester 2016.

Graduate Research and Creative Activity (GRACA) - *Deadline is 11/1/16*

GRACA grants will support faculty-mentored, graduate student research and creative activity. Grants of up to \$5,000 per student are available to UNO graduate students who will be enrolled through fall semester 2015.



2015 - 2016 Internal Funding Program Totals

PROGRAM	TOTAL	Number of Awards
UCRCA Faculty	\$44,979	12
UCRCA Student	\$14,098	29
FUSE Student	\$167,823	68
FUSE Faculty Mentor	\$31,000	50
GRACA Student	\$202,038	41
Grand Total	\$459,938	200