

REC - SPRING 2019 AWARD RECIPIENTS			
NAME	TITLE	DEPARTMENT	AMOUNT
Heather Brammeier	International studio and Curatorial Program Artist Residency.	Art	\$2,400
John Marino	Changes in the freshwater microbial community in Illinois backwater lakes associated with Harmful Algal Blooms (HABs).	Biology	\$7,800
Edward Remsen	Simultaneous determination of molecular size and molecular shape of nanoparticles and proteins in solution using Fluorescence Correlation Spectroscopy (FSC).	Chemistry/Biochemistry	\$10,000
Saeid Vafaei	Forming TiO ₂ semiconductor porous layer on FTO glass for dye-sensitized solar cell applications	Mechanical Engineering	\$8,000
REC - FALL 2018 AWARD RECIPIENTS			
Scott Cavanah	Take-Home Ventilator Training for Care-Givers	Interactive Media	\$4,000
Melinda Faulkner	Characterization of Three Stress Resistance Proteins in the Bacterium B. Subtilis	Biology	\$9,999
Kyle Dzapo	Connecting Scholarship and Musical Performance to Tell the Story of Flutist, Composer, and Conductor Joachim Anderson	Music	\$4,250
Jennifer Jost	The Effect of Environmental Fluctuations on Survival, Growth, Reproduction, and Cellular Physiology in the Invasive Zebra Mussel	Biology	\$9,875
REC - SPRING 2018 AWARD RECIPIENTS			
Dean Campbell	Synthesis and characterization of metal-based catalysis embedded within a silicone polymer matrix.	Chemistry	\$10,000
Arijit Sengupta	Extraction of metal ions from aqueous solution using a novel porphyrin-based polymeric network.	Chemistry/Biochemistry	\$10,000
Rachel Vollmer	An investigation of parent and child perception of food allergy practices, protocols, and policies in schools	Family & Consumer Science	\$9,980
REC - FALL 2017 AWARD RECIPIENTS			
David Spelman	Predicting residence time distribution in storm water treatment systems subject to unsteady flow.	Civil Engineering & Construction	\$9,980
REC - SPRING 2017 AWARD RECIPIENTS			
Melinda McBee-Orzulak	Conceptualizing representation of language use in young adult's literature.	English	\$7,377
Keith Johnson	Characterization of the Serratia spp FexC. Gene- florfenicol resistance and gene expressions.	Biology	\$9,395
Joshua Lewer	Perception-based research collaboration.	Economics	\$10,000
Kalyani Nair	Characterization of the lower back passive myofascial in healthy subjects, ankylosing spondylitis patients, and in patients with lower back pain.	Mechanical Engineering	\$9,600
Yunus Salami	Optimization of treatment & energy usage in the aeration process of wastewater treatment plants.	Civil Engineering & Construction	\$10,000
REC - FALL 2016 AWARD RECIPIENTS			
Breanna Reynolds	Thrust joint manipulation to the cervical spine in patients with a primary complaint of temporomandibular disorder (TMD)	Physical Therapy	\$10,000
Amy Bacon	Construct validity of the analogue pouring task.	Psychology	\$9,750
Lane Beckes	Wait time factors in habituation to anticipatory anxiety in couples.	Psychology	\$8,970
Melinda Faulkner	Initial characterization of a putative oxidative stress resistance protein in bacillus subtilis.	Biology	\$11,911
Pelin Gultekin	Energy auditing procedure to balance consumption and air quality.	Civil Engineering & Construction	\$12,000
Udo Schnupf	The role of water in the binding of small ligands to B-Cyclodextrin.	Chemistry/Biochemistry	\$9,928
Quan Xie	Enhancing ad creativity: Understanding consumer responses to social media-based augmented reality advertising.	Communications	\$10,000
REC - SPRING 2016 AWARD RECIPIENTS			
Mohammad Hossain	Fate and formation mechanism of polycyclic aromatic hydrocarbons (PAHs) in asphalt concrete pavement using Molecular Dynamic (MD) simulation.	Civil Engineering & Construction	\$11,600
Suruz Miah	Motion control of indoor mobile robots using customized RID systems.	Electrical & Computer Engineering	\$9,650
REC - FALL 2015 AWARD RECIPIENTS			
Margaret LeJeune	Growing light.	Art	\$7,800
Vladimir Uskov	Research, analysis and design of innovative smart education and smart e-learning at Bradley University.	Computer Science & information Systems	\$9,600
REC - SPRING 2015 AWARD RECIPIENTS			
Brad Andersh	Syntheseis of fluorescent tags for imaging cellulose and lignin fibers	Chemistry/Biochemistry	\$11,000
Jennifer Barajas	Vowel raising and devoicing in Michoacán Spanish	Spanish	\$3,300
Heather Brammeier	Research in London	Art	\$5,000
Jennifer Jost	The physiological effects of climate change-induced multiple environment stressors on the invasive zebra mussel.	Biology	\$11,000
Sihyun Kim	Long-term behavior of pile foundation used for small-scale compressed air energy storage.	Civil Engineering & Construction	\$11,000
Darcy Leach	The power of Praxis: Winners and losers in the German left's war on Oligarchy.	Sociology	\$8,300
Fayez Moutassem	Linkin gthe rheological properties of frsh concrete to the transport porperties of hardened concrete - A model approach for sustainability.	Civil Engineering & Construction	\$10,700
Aurea Toxqui-Garay	Liquid identity: a social and cultural history of Pulque, Politics, and the making of Mexican identity.	History	\$6,000
Laurie Vickroy	Patrick Modiano: Recovering the presense of the other.	English	\$3,300
REC - FALL 2014 AWARD RECIPIENTS			
Heidi Baumann	Cognitive and motivational approaches to the work non-work interface.	Management Leadership	\$3,550
Robert Hawkins	Working the Black Musician: Race, Masculinity, and the definition of work in the Jim Crow era.	African American Studies	\$10,300
Melissa Peterson	Effects of an individualized exercise program on psychosocila factors in individual with disabilities	Physical Therapy	\$12,000
Ali Zahoori	Social Media and communications in Iran	Communications	\$2,500
REC - SPRING 2014 AWARD RECIPIENTS			
Edward Burmila	Schools, Churches, and City Hall: Do polling locations impact voter turnout?	Political Science	\$3,300
Michelle Fry	Determining the effects of delta lactone derivatives on bacterial quorum sensing as a mechanism for their bacteriostatic activity.	Chemistry/BioChemistry	\$6,400
Patricia Hatfield	Gender analysis in editorial boards and journal authorship of finance journals.	Finance	\$5,042
Kalyani Nair	Multiscale computational modeling of cell substrate for applications in tissue engineering.	Mechanical Engineering	\$9,600
Regina Pope-Ford	Biomedical profile of upper extremities and torso motions in dentistry.	Industrial Manufacturing Engineering	\$4,800
George Szeto	The Galois extension of a partial Galois extension	Mathematics	\$3,300
Shannon Timpe	Multiscale computational modeling of cell substrate for applications in tissue engineering.	Mechanical Engineering	\$12,000
SPECIAL EMPHASIS - SPRING 2019 AWARD RECIPIENTS			
NAME	TITLE	DEPARTMENT	AMOUNT
Fahmidah Ashraf	Developing decision support frame work for resilient and sustainable multi-hazard bridge design.	Civil Engineering & Chemistry/Biochemistry	\$6,480
Wayne Bosma	Computational modeling of competing reaction mechanisms for C-Alkylation of 1,3-Dicarbonyl compounds using equilibrating conditions.	Chemistry/Biochemistry	\$8,000
Dean Campbell	Synthesis and characterization of copper and other metal-based catalysts embedded within silicone.	Chemistry/Biochemistry	\$10,000
Ye Li	4-dimensional (4D) printing through cost-effective shape memory polymer.	Industrial Manufacturing Engineering	\$5,600

SPECIAL EMPHASIS - FALL 2018 AWARD RECIPIENTS			
Amy Bacon	Construct validity of the Analogue Pouring Task (APT)	Psychology	\$9,810
Jaime Grace	Sexually dimorphism Gene expression in stalk-eyed flies (Diptera)	Biology	\$9,987
Udo Schnupf	Evaluation of the intramolecular interactions of α , β , γ -Cyclodextrins using classical and quantum mechanical computational methodologies	Chemistry/Biochemistry	\$9,890
Mahmood Soltani	Evaluation of engineered cementitious composite for interface shear transfer in concrete members	Civil Engineering & Construction	\$9,993
SPECIAL EMPHASIS - SPRING 2018 AWARD RECIPIENTS			
Brad Andersh	Antimicrobial testing of 5-Aryl-3-oxo-6-lactones	Chemistry/Biochemistry	\$5,949
Jennifer Jost	Evaluating the molecular stress response in zebra mussels exposed to high and low temperatures.	Biology	\$10,000
Yufeng Lu/Kalyani Nair	Electromyography signal processing of human resting muscle tone.	Electrical & Computer Engineering	\$5,000
John Marino	A student faculty collaborative investigation into impacts of Nutrient Availability on Wildlife Disease in Freshwater Ecosystems	Biology	\$9,470
Kristi McQuade	The role of trehalose metabolism in stress response and autophagy in the maize pathogen <i>Fusarium verticillioides</i> .	Chemistry/Biochemistry	\$10,000
SPECIAL EMPHASIS - FALL 2017 AWARD RECIPIENTS			
Dunja Antonovic	"Boy I really kicked that door down for women, didn't I?"	Communications	\$1,700
Naomi Stover	Gene Ontology analysis.	Biology	\$9,725
SPECIAL EMPHASIS - SPRING 2017 AWARD RECIPIENTS			
Lane Beckes	Student engagement: Validation of attachment learning and motivation measures and scales	Psychology	\$9,813
Danielle Glassmeyer	Gwendolyn Brooks research and programming to engage the public with the Humanities	English	\$3,800
Anthony Hermann	Student engagement: Narcissism and interpersonal emotions and preferences.	Psychology	\$9,350
Jennifer Robin	Identity Co-activation: The impact of self-concept clarity on cognitive dissonance.	Management & Leadership	\$4,280
Arijit Sengupta	Syntheses of novel polymeric materials for antimicrobial application.	Chemistry/Biochemistry	\$10,000
SPECIAL EMPHASIS - FALL 2016 AWARD RECIPIENTS			
Gregory Haines	Students engaging students to improve learning: Using studented focus groups to gather & make sense of assessment evidence.	Academic Eploration Prog	\$10,000
Kelly McConaughay	Students engaging students to improve success in STEM.	Biology	\$10,000
Magdalena Sas	Student engagement: Do caretakers benefit from healthcare hospitality house accommodations and program?	Family & Consumer Science	\$9,800
David Zietlow	Design of a 3rd world/solar powered food dryer.	Mechanical Engineering	\$2,000
SPECIAL EMPHASIS - SPRING 2016 AWARD RECIPIENTS			
Brad Andersh	Investigation of the mechanism and the scope and limitations of Gamma-Carbon Alkylation.	Chemistry	\$9,600
Dean Campbell	Investigation of metal-based catalysis embedded within a silicone polymer matrix.	Chemistry/Biochemistry	\$10,000
Jamie Grace	The effects of elevated serotonin on antipredation behavior in stalk-eyed flies.	Biology	\$7,170
Shannon Timpe	The effect of roughness on the principal components of friction at the micro- to nanoscales.	Mechanical Engineering	\$10,000
Saied Vafaei	Nanofluid heat transfer in microchannels.	Mechanical Engineering	\$12,000
SPECIAL EMPHASIS - FALL 2015 AWARD RECIPIENTS			
Chris Alvin	Synthesis of limit problems for calculus.	Computer Science & Information Systems	\$7,480
Sarah Glover	"Postcards for Barbara": A student curated art exhibit.	Art	\$825
Derek Montgomery	A proposal to investigate factors impacting children's scientific curiosity in a children's museum.	Psychology	\$4,130
Regina Pope-Ford	Effects of mobile technology on the musculoskeletal system in children.	Industrial Engineering	\$10,000
Jing Wang	Asaptive cooperative control in a heterogeneous ground-air robot team.	Electrical & Computer Engineering	\$6,000
SPECIAL EMPHASIS - SPRING 2015 AWARD RECIPIENTS			
Kendra Brandes	The Tartan Project	Family & Consumer Science	\$2,200
Deitra Kuester	Experience-based independent learning systems	Teacher Education	\$4,145
Yufeng Lu/Kalyani Nair	Time-frequency analysis of Electronmyography (sMG) in human resting muscle.	Electrical & Computer Engineering	\$5,000
Kristi McQuade	Characterizing the role of trehalose in stress response in the corn rot fungus <i>Fusarium verticillioides</i> .	Biology	\$9,400
SPECIAL EMPHASIS - FALL 2014 AWARD RECIPIENTS			
Mohammad Hossain	Effects of moisture on the fatigue performance of asphalt concrete pavements	Civil Engineering & Construction	\$7,200
SPECIAL EMPHASIS - SPRING 2014 AWARD RECIPIENTS			
Amy Bacon	Investigation into processes underlying when a how college students use alcohol to cope with social stressors.	Psychology	\$8,615
Michelle Fry	Expression of keratin proteins in a <i>Pichia Pastoris</i> system & examination of the tensile properties of different keratins and their composites.	Chemistry/Biochemistry	\$8,092
Luke Haverhals	Natural Diber Welding: Functional materials from Lignocellulosic & keratin-containing substrates.	Chemistry/Biochemistry	\$9,996
Jacqueline Henderson	Undergraduate engagement in biomedical research	Mechanical Engineering	\$10,000
Edward Remsen	Single molecule spectroscopic investigation of mass transport in mesoporous semiconducting thin film electrodes.	Chemistry/Biochemistry	\$8,950
Wendy Schweigert	The internal compass	Psychology	\$936
Naomi Stover	Assessing the antimicrobial effects of delta lactone derivatives through gene expression analysis.	Biology	\$9,250
Shannon Timpe	Development of biosensor arrays for natural product drug discover.	Mechanical Engineering	\$10,000

REC Spring 2019					SE Spring 2019				
Grants Submitted	College	College	Gender	Gender	Grants Submitted	College	College	Gender	Gender
10	LAS	6	3 Male	3 Female	8	LAS	4	2 Male	2 Female
	CFA	2	2 Male						
	EGT	2	2 Male			EGT	4	3 Male	1 Female
REC Fall 2018					SE Fall 2018				
Grants Submitted	College	College	Gender	Gender	Grants Submitted	College	College	Gender	Gender
12	CFA	2	1 Male	1 Female	2	LAS	2	1 Male	1 Female
	EGT	7	5 Male	2 Female					
	LAS	3		3 Female					
REC Spring 2018					SE Spring 2018				
Grants Submitted	College	College	Gender	Gender	Grants Submitted	College	College	Gender	Gender
11	LAS		3 Male	2 Female	6	LAS	5	2 Male	3 Female
	CFA			1 Female		EGT	1	1 Male	
	EGT		4 Male						
	EHS			1 Female					
REC Fall 2017					SE Fall 2017				
Grants Submitted	College	College	Gender	Gender	Grants Submitted	College	College	Gender	Gender
3	EGT	2	2 Male		3	LAS	1	1 Male	
	LAS	1		1 Female		CFA	2	1 Male	1 Female
REC Spring 2017					SE Spring 2017				
Grants Submitted	College	College	Gender	Gender	Grants Submitted	College	College	Gender	Gender
12	LAS	6	4 Males	2 Female	8	LAS		2 Male	3 Female
	EGT	5	3 Male	2 Female		CFA			1 Female
	BUS	1	1 Male			EHS			1 Female
						BUS			1 Female
REC Fall 2016					SE Fall 2016				
Grants Submitted	College	College	Gender	Gender	Grants Submitted	College	College	Gender	Gender
14	LAS	9	3 Male	5 Female	5	LAS	1		1 Female
	CFA	2		2 Female		EGT	1	1 Male	
	EGT	1	1 Male	1 Female		EHS	1		1 Female
	EHS	2		2 Female		BUS	1		1 Female
						AEP	1	1 Male	
REC Spring 2016					SE Spring 2016				
Grants Submitted	College	College	Gender	Gender	Grants Submitted	College	College	Gender	Gender
4	LAS	1	1 Male		6	LAS	3	2 Male	1 Female
	EGT	2	2 Male			EGT	2	2 Male	
	EHS	1		1 Female		EHS	1		1 Female
REC Fall 2015					SE Fall 2015				
Grants Submitted	College	College	Gender	Gender	Grants Submitted	College	College	Gender	Gender
2	LAS	1	1 Male		5	LAS	2	2 Male	
	CFA	1		1 Female		CFA	1		1 Female
						EGT	2	1 Male	1 Female
REC Spring 2015					SE Spring 2015				

Grants Submitted	College	College	Gender	Gender		Grants Submitted	College	College	Gender	Gender
9	LAS	6	1 Male	5 Female		4	LAS	1		1 Female
	CFA	1		1 Female			EGT	1	1 Male	
	EGT	2	2 Male				EHS	2		2 Female
REC Fall 2014						SE Fall 2014				
Grants Submitted	College	College	Gender	Gender		Grants Submitted	College	College	Gender	Gender
4	LAS	1	1 Male			2	LAS	1	1 Male	
	CFA	1	1 Male				EGT	1	1 Male	
	BUS	1		1 Female						
	EHS	1		1 Female						
REC Spring 2014						SE Spring 2014				
Grants Submitted	College	College	Gender	Gender		Grants Submitted	College	College	Gender	Gender
10	LAS	3	1 Male	2 Female		8	LAS	6	2 Male	4 Female
	CFA	1		1 Female			EGT	2	1 Male	1 Female
	EGT	4	2 Male	2 Female						
	BUS	2	1 Male	1 Female						