

2014 FACULTY OPPORTUNITY AWARDS

INDIVIDUAL AWARD CATEGORY

Awardee	Department	Project Title	Amount
Alyssa Crittenden	Anthropology	Variation in Hadza hunter-gatherer dental microwear: Implications for early hominin diet composition	\$15,000
Attila Lawrence	Architecture	Neuroscience-informed Environmental Design Responses to Neurodegenerative Disorders	\$19,183
Bing Ma	Health Physics & Diagnostic Sciences	Early detection of lung cancer using CT texture analysis	\$20,000
Brendan Morris	Electrical & Computer Engineering	Serious Games: Development of Physical Therapy and Rehabilitation Game for Children with Cerebral Palsy	\$20,000
Brian Hedlund	Life Sciences	Probing relationships between Clostridium difficile infection (CDI), CDI prophylactics, and the intestinal microbiome	\$20,000
Ganqing Jiang	Geoscience	Seawater Temperature Change across the Early Mississippian Greenhouse-Icehouse Transition	\$20,000
Han-Fen Hu	Management, Entrepreneurship & Technology	Online Review and Users' Perceptions and Behavior: The Mediating Effects of Cognitive Load and Task Complexity	\$10,280
Hans Rawhouser	Management, Entrepreneurship & Technology	Examining design factors and informational signals that drive crowdfunding success	\$10,000
Haroon Stephen	Civil & Environmental Engineering and Construction	Urban Flood Modeling and Mapping using Remote Sensing and Geographic Information System	\$20,204
Jason Holland	Psychology	Family Behavior Therapy for Substance Abuse Problems in Later-Life	\$18,824
Julia Lee	English	"All Of Us": A Racial History of "Our Gang"	\$7,694
Kai-Yu Ho	Physical Therapy	The influences of patellofemoral taping on patellofemoral joint contact area and alignment	\$20,098

Matthew Bernacki	Educational Psychology & Higher Education	Building Capacity for Research on Learning via Analytics and "Big Data"	\$19,970
Mira Han	Life Sciences	Association study on transposable element silencing in human somatic cells	\$20,000
Olena Mazurenko	Health Care Administration and Policy	The Patient-Medical Home and Care Experiences among Diabetic Patients	\$9,200
Paul Forster	Chemistry	New and Stable Waste Forms for Radioisotopes from Earth Abundant Materials	\$20,000
Stefani Relles	Educational Psychology & Higher Education	"Write to College" Summer Bridge Research Project	\$18,765
William Sousa	Criminal Justice	Policing Pioneers	\$7,800
FUNDED TOTAL			\$297,018

INNOVATION / TECHNOLOGY AWARD CATEGORY

Awardee	Department	Project Title	Amount
Ernesto Abel-Santos	Chemistry	Prevention of necrotic enteritis in broiler chickens by benzothiazoles	\$19,742
Kwang Kim	Mechanical Engineering	Technology Development of Ionic-Polymer Metal Composite-based Redox Flow Battery (RFB) System	\$19,876
Mohamed Trabia	Mechanical Engineering	Smart insoles for diabetic patients	\$19,767
Penny Amy	Life Sciences	Application of Phage Therapy to the Treatment of American Foulbrood Disease	\$22,830
YooHwan Kim	Computer Science	A Privacy Protection Scheme from Unmanned Aerial Systems (UAS)	\$20,000
FUNDED TOTAL			\$102,215