

## The FY2013 S.T.E.P. Grant Awardees

NAME	DEPARTMENT	PROJECT TITLE	AWARDED
Edward Ackad	Physics	Nanolithography Using Xray-Seeded Plasmas	\$ 9168
Catherine Daus	Psychology	Examining the emotional labor and emotional intelligence of jobs using the Occupational Network, O*NET	\$ 15202
Denise DeGarmo	Political Science	Achieving External Security for an Independent Palestinian State	\$ 15384
Jessica DeSpain; and Kristine Hildebrandt	English Language & Literature	Establishing an Official Center of Interdisciplinary Research and Informatics Scholarship at SIUE	\$ 9666
Robert Dixon; and Myron Jones	Chemistry	Synthesis and Characterization of Novel Dinitrosyl Iron Complexes	\$ 14454
Xudong Fu	Economics & Finance	The Effects on Initial Public Offerings (IPOs) Options on IPO Pricing Process	\$ 15728
Jie Gong; and Marcelo Azambuja	Construction	Intelligent Production Process Visualization and Analysis for Improving Lean Construction Implementation	\$ 13577
J. Calvin Jarrell	Theatre and Dance	Friendship and Cultural Exchange (FACE) Project with Cuba	\$ 16000
David Jennings*	Biological Sciences	Developmental and Tissue Specific Regulation of Thyroid Hormone Actions	\$ 16110
Eileen Joy	English Language & Literature	Inhuman Actors: Tracing the Lives of Objects in Medieval Literature	\$ 9938
Vincent Kieftenbeld	Mathematics and Statistics	Developing Measurement Methodology for Surveys with Self-Censoring Respondents	\$ 8519
P. Gussie Klorer	Art and Design	Art-Based Research: Exploring Community Stories Through Art	\$ 12941
Hoo Sang Ko	Industrial and Manufacturing Engineering	A Preliminary Study of Medical Waste Management Based on Integrated RFID and Wireless Sensor Networks	\$ 8160
Soondo Kweon	Mechanical Engineering	Investigation on the Effect of Anisotropy on the Ductile Fracture Process of Metals	\$ 11967
Eric Lichtenberger; and Brenda Klostermann	Illinois Educational Research Council	Reverse Transfer Students: Reasons for Transferring - in their Own words	\$ 15027
Sarah Luesse	Chemistry	Development of a Tandem Ugi-Smiles-Cyclization Reaction for the Assembly of Heterocyclic Compounds	\$ 15988
Elizabeth McKenney	Psychology	Defining Success for Students with ASD: What Teachers Think and What Students Do	\$ 14578
Jennifer Miller	Historical Studies	Cold War Borders and Suspicious Persons: Turkish "Guest Workers" Between East and West Berlin through the Eyes of the Stasi	\$ 12306
Suman Mishra	Mass Communications	Exploring the Mediating Role of Culture in News Framing of Obesity in the U.S. and Japan	\$ 11754

Amelia Perez	Primary Healthcare and Systems	Health Literacy, Acculturation, and Health Behaviors among Hispanic College Students	\$	15097
Anushiya Ramaswamy	English Language & Literature	Translating the Short Story, "Translator" by Shobasakthi	\$	2583
Catherine Seltzer	English Language & Literature	Understanding Pat Conroy	\$	9937
Katrin Sjursen	Historical Studies	More than Peaceweavers: Noblewomen as Military Leaders during the Hundred Years War	\$	10160
Bryan Smith	Kinesiology & Health Education	Comparison of Weight Management Programs: The Traditional Clinic vs. an At-Home, Minimal Contact Program	\$	14875
Fengxia Wang	Mechanical Engineering	Freight Train Instability Induced by Fluid-Tank Interaction	\$	15156
Joshua Wooten	Kinesiology & Health Education	The Regulatory Role of Oxysterols in Adipocyte Inflammation and Insulin Resistance	\$	16000

\* Baich Award Winner