STEP 2010-11 Awardees

Name	Department	Project Title	Total Award Amount
Stacey Brown	English Languages & Literatures	"The Shallows, A Poetry Collection"	$10,020
Xin Chen	Industrial & Manufacturing Engineering	"Adaptive Algorithms for Knowledge Acquisition over Complex Networks"	$13,875
Jessica DeSpain	English Language & Literature	"The Wide, Wide World Digital Archive and Image Comparison"	$9,417
Brigham Dimick	Art & Design	"Inherited Environments"	$11,705
Ann Boxberger Flaherty	Political Science	"Innocent Until Proven Greedy? Perceptions and Politics in American Indian Tribal Claims"	$6,300
Roberta Harrison and Frank Lyerla	Primary Care/ Health Sys Nursing	"Guideline Adherence for Managing Hypoglycemia"	$14,252
Kristine Hildebrandt and Larry LaFond	English Languages & Literatures	"Dialect Variation in Southwestern Illinois"	$15,688
Stephen Hupp and Daniel Segrist	Psychology	"Development and Evaluation of the Healthy Internet Practices (HIP) for College Students"	$9,658

William Kolling	Pharmaceutical Sciences	"Stabilization of Silver Sulfadiazine Nanoparticles Synthesized via Microemulsions"	$9,300
Guim Kwon	Pharmaceutical Sciences	"Preservation of beta-cell mass to prevent and/or reverse type 2 diabetes"	$12,063
Faith Liebl	Biological Sciences	"Transcriptional Regulation of Glutamate Receptors by Kismet"	$13,886
Yun Lu	Chemistry	"Kinetics and Mechanism of the Base Catalyzed Hydride Reduction of NAD + Analogues by Isopropyl Alcohol in Aqueous Solution"	$11,711
Jeffrey Manuel	Historical Studies	"From Laboratory to Lawsuit: Intersections between Technology, the Environment, and the Law in the Twentieth Century"	$7,735
Dennis Mares	Sociology & Criminal Justice	"Weather and Crime: An Explorative Study of the Linkages Between Weather and Crime Indicators in St. Louis, MO 1994 – 2008"	$12,752
Gary Mayer	Computer Science	"Facilitating Poly-Formalism Composition Using Artificial Neural Networks"	$12,225
Marcelo Nieto and Karin Sandoval	Pharmaceutical Sciences	"Design, Synthesis and Evaluation of Novel Selective Estrogen Receptor Modulators"	$15,516
Robert Paulett	Historical Studies	"The Bewildering World of William De Brahm: Religion, Science, and Geography in Britain's Transatlantic Empire, 1750-1800"	$3,693

Laurie Puchner and Linda Markowitz	Educational Leadership; Sociology & Criminal Justice	"Teacher candidates and diversity: A pilot study of changing knowledge, beliefs, and discourses"	$6,768
Jennifer Rehg	Anthropology	"Distribution and Population Densities of *Callimico* in Acre, Brazil"	$13,040
Carolina Rocha	Foreign Languages & Literatures	"Representing Men and the Neoliberal State in Contemporary Argentine Cinema"	$7,048
Christopher Rosnick	Psychology	"The role of cortisol and alpha amylase in the intrusive thinking-cognition relationship"	$13,978
Jeffrey Sabby	Physics	"Project for an Observatory"	$6,482
Ying Shang	Electrical & Computer Engineering	"A Networked Control System Approach in Power Blackout Prevention and Control"	$7,300
Gregory Sierra	Accounting	"The Demand for Financial Audits in the U.S.: The Case of Privately-Held Banks"	$12,666
Andreas Stefik	Computer Science	"What is the Effect of Blindness on the Ability to use an Auditory Computer Programming Environment? An Empirical Study"	$11,212
Mary Sumner	School of Business	"An In-depth Case Study of Electronic Medical Records (EMR) Implementations: Mis-alignments vs. Organizational Change"	$2,765

George Watson	Management & Marketing	"Developing Neural Network Simulations to Model the "Slippery Slope" of Unethical Behavior in Organizational Settings"	$7,200
Chin-Chuan Wei	Chemistry	"Structural Determination of NADPH Oxidase'5 Calcium Binding Domain by Nuclear Magnetic Resonance Spectroscopy"	$8,611
William White	Computer Science	"Using Ocular Motion Capture to Provide Emotional Content to the Eyes of CGI Characters"	$9,000
Clay Williams	Computer Management & Information Systems	"Role of Specific Computer Self-efficacy in Use of Complex Information Systems"	$10,870
Huichun (Judy) Zhang*	Chemistry, Environmental Science	"Veterinary Pharmaceuticals: Reductive Transformation and QSARs Development"	$15,996

*Annette and Henry Baich Award Winner