

## FY 2014 S.T.E.P. Grant Awardees

	<u>Project Leader/ Team</u>	<u>Department</u>	<u>Project Title</u>	<u>Awarded Total</u>
1	Robyn Berkley	Management & Marketing	Gay and Lesbian Leaders: Perceptions, Roles and Relationships	\$ 15,987
2	Igor Crk	Computer Science	Assessing the Role of pBCI in Quantitative Usability Testing	\$ 13,743
3	Jeff Darabi	Mechanical Engineering	On-chip Magnetophoretic DNA Isolation***	\$ 15,976
4	Riza Demier	Economics and Finance	Market Regimes and Speculative Hedging in Energy Markets: A Markov Switching Approach	\$ 15,008
5	Brigham Dimick	Art and Design	Family Histories: Floors as Layers Through Time and Space	\$ 14,189
6	Robert Dixon	Chemistry	Synthesis and initial <i>in vitro</i> testing of three potential potent, bioavailable and selective dimethylarginine dimethylaminohydrolase-1 inhibitors	\$ 16,000
7	David Duvernell	Biological Sciences	Population Genomics of Convergent Adaptive Evolution in Two Topminnow Species Along Replicate Environmental Gradients	\$ 13,575
8	McKenzie Ferguson	Pharmacy Practice,	Using Focus Groups to Understand Deaf & Hard of Hearing Patients' Communication Experience with Pharmacists	\$ 8,892
	Min Liu	Speech Communication		
9	Stacie Kirk	Special Education and Communication Disorders,	Comparing dietary intake to the Dietary Guidelines for Americans in African American preschool children enrolled in Head Start	\$ 11,469
	Erik Kirk	Kinesiology and Health Education		
10	Ali Kutan	Economics and Finance	The Euro Crisis and Financial Markets	\$ 15,829
11	Sharon Locke	SIUE STEM Center	Motivations in Free Choice Science Learning: An Exploratory Study of the EarthCache Program	\$ 13,218
12	Elizabeth Lyman	Theater and Dance	Pinning Men to the Floor With Forks: Novel Stage Directions in Plays from the Larpent Collection	\$ 10,940
13	Jeff Manuel	Historical Studies	American Corn Ethanol: The Creation of a Technopolitical Regime	\$ 9,697
14	Mark McKenney	Computer Science	MoGeo: A Scalable Moving Geometry Database	\$ 15,780
15	Bill Neumann	Pharmaceutical Sciences	Oxidant-Triggered Pro-catalysts for the Decomposition of Peroxynitrite <i>in vivo</i>	\$ 14,937
16	Abdolreza Osouli	Civil Engineering	Lab-scale physical modeling of erosion due to overtopping of the floodwalls	\$ 15,424
17	Carolina Rocha	Foreign Languages and Literature	Transatlantic Connections: Spanish-Argentine Film Co-Production (1997 - 2012)	\$ 9,928
18	Nikolay Slavkov	English Language and Literature	The L2 Acquisition of Wh- Dependencies: Linguistic and Psycholinguistic Perspectives	\$ 11,354
19	Karen Vardanyan	Physics	Novel Liquid Crystal Nanocomposites for Applications In Display Technologies	\$ 16,000
20	Huaibo Xin	Kinesiology and Health Education	A Grounded Theory Approach to Exploring Bosnian Refugees' Response to a Natural Disaster in the U.S.	\$ 15,853
21	Mohammed Yousef	Physics	Crystallization and Preliminary X-ray Diffraction Analysis of the Fruit Fly Tumor Suppressor Protein Prospero and its Human Counterpart Prox1	\$ 15,969

\*\*\* 2014 Baich Award Winner