

2016 Spring Collaborative Awards List

Provost's Collaborative Research Fellowship

The Role of Information and Communication Technologies in Industry Performance in Illinois

Benjamin Yeo, School for New Learning
Delvin Grant, Driehaus College of Business

Abstract:

This project will analyze the impact of information and communication technologies (ICTs) on industry performance, and will enhance collaboration in research between faculty from the School for New Learning and the School of Accountancy and Management Information Systems.

Collaborative Research Grants

1. Understanding Energy Across Disciplines: Insights from Cognitive Neuroscience

Sandra Virtue, Psychology, College of Science and Health
Timothy French, Chemistry, College of Science and Health

Abstract:

This project explores the underlying knowledge structures that students use to understand complex and interdisciplinary concepts such as energy. Using methods from cognitive neuroscience, the study will investigate how students process concepts, how each cerebral hemisphere contributes to these processes, and how the use of metaphors may help students understand the concept across different disciplines.

2. Neoliberal Chicago

Euan Hague, Geography, College of Liberal Arts and Social Sciences
Larry Bennett, Political Science, College of Liberal Arts and Social Sciences
Roberta Garner, Department of Sociology, College of Liberal Arts and Social Sciences

Abstract:

This award supports the publication of an edited volume, *Neoliberal Chicago*. This collection of essays explores the impact on Chicago of Neoliberalism, seen both as a set of widely adopted policy prescriptions, and more broadly, as a cultural shift toward a

2016 Spring Collaborative Awards List

consumerist understanding of society and of the individual's relation to government and corporations.

Collaborative Instruction Fellow Stipends

1. Developing Study Abroad Opportunities for DePaul CSH Students in Cadiz, Spain

Jason Bystriansky, Biology, College of Science and Health
Kyle Grice, Chemistry, College of Science and Health

Abstract:

This project will facilitate the development of interdisciplinary study abroad opportunities in research and curriculum for DePaul students at the Universidad de Cadiz (U. Cadiz), Spain. Goals include: to support students as they engage in meaningful interdisciplinary coursework, gain international experience, and develop as globally responsible citizens.

2. Developing the new Introduction to Computational Neuroscience course

Peter Mark Hastings, College of Computing and Digital Media
Eric Norstrom, Biology, College of Science and Health
Sandra Virtue, Psychology, College of Science and Health

Abstract:

This project will develop course materials for the initial offering (in Fall 2018) of the Introduction to Computational Neuroscience class in the new Neuroscience B.S. program. Required for students in the Computational Neuroscience concentration, this course explores how computer and mathematical models can simulate behavior in neural systems at many different levels.