

R-1410-53873

ORGANIZATION INFORMATION

Organization/Affiliation: Smith College
Location: Northampton, MA

GRANT INFORMATION

Project Title: Interactive Models for Pluralist Intermediate Microeconomics
Start Date: 6/15/2015
End Date: 9/30/2017

Project Description:

This project will bring an exciting new learning technology -- student driven simulations -- to bear on topics typically neglected in intermediate microeconomics courses -- power, instability, alternatives to rational self interest, distributional conflict and non clearing markets -- to assist instructors wishing to introduce a more pluralist approach to a course that in most universities remains a citadel of neoclassical thinking.

Instructors are challenged by great diversity in student capabilities and preferences: some students think visually and intuitively about economics, shifting curves gleefully; others want the concreteness of a second derivative to tell them whether their answer is 'correct!' Bridging the divide and enabling students to take control of their own learning challenges any instructor. We plan to provide one option for instructors to improve their own teaching and, crucially, their students' learning.

Economics lends itself to thinking dynamically and interactively, but we often teach with static graphs on the page. INET itself has, with its CORE project, provided graphs that are 'step-by-step' and permit students to see how a graphic is built. But, even though this advances economics instruction, it does not allow the student to vary a model's parameters, to see how outcomes change as relevant variables change. We propose the development of model simulations covering a variety of topics, focusing on ideas neglected in most intermediate microeconomics courses.

Short Bio:

Simon Halliday (PhD, Economics, University of Siena, Italy) is assistant professor of economics at Smith College and an affiliate of the Southern Africa Labour and Development Research Unit of the University of Cape Town and LabSi experimental economics lab at the University of Siena. He has taught microeconomics, game theory and industrial organization to graduate and undergraduate students at the University of Cape Town, South Africa, Royal Holloway, University of London, UK and Smith College, MA, USA. He completed his undergraduate degree and masters degrees at the University of Cape Town, South Africa. He has also provided educational content for the Open University. He also worked as the assistant project manager of the Quality of Life Survey of Land Reform in South Africa.

Geographic Region: North America
Career Status: Assistant Professor

Academic Discipline: Economics

Gender: Male
JEL Code: A2, B5
Have you previously applied for an INET Grant? No

BUDGET INFORMATION

Amount Requested: \$134,735.00

	Year 1 Budget	Year 2 Budget	Year 3 Budget	Total Project Budget
Principal Investigator	\$18,212.00	\$18,849.00		
Co-Principal Investigator(s)	\$16,667.00	\$17,167.00		
Post-Doctoral Fellow(s)				
Research Assistant(s)	\$12,215.00	\$12,215.00		
Other Personnel				
Employee Benefits (fringe, health care costs, pension, etc.)	\$8,706.00	\$9,072.00		
Consultant/Subcontracted Costs	\$1,000.00			
Data & Software				
Equipment & Supplies				
Travel & Conferences		\$10,000.00		
Other Expenses				
Overhead & Admin (Cannot Exceed 10% of Direct Expense)	\$5,309.00	\$5,323.00		
Budget Total	\$62,109.00	\$72,626.00		

CO-PRINCIPAL INVESTIGATOR 1 INFORMATION

Co-PI 1 First Name: Andrew
Co-PI 1 Last Name: Bray
Co-PI 1 Organization/Affiliation: Mount Holyoke College
Co-PI 1 Email: andrew.bray@gmail.com
Co-PI 1 Phone: 760-519-5979
Co-PI 1 Address Line 1: Department of Mathematics and Statistics

Co-PI 1 Address Line 2: 50 College St., Mount Holyoke College
Co-PI 1 City: South Hadley
Co-PI 1 State/Province: MA
Co-PI 1 Postal Code: 01075
Co-PI 1 Country: United States of America
Co-PI 1 Geographic Region: North America
Co-PI 1 Career Status: Post-doctoral Fellow
Co-PI 1 Discipline: Statistics
Co-PI 1 Gender: Male
Co-PI 1 Short Bio:

Andrew Bray (PhD, Statistics, University of California, Los Angeles, USA), is Five Colleges Post-Doctoral Fellow and assistant professor of statistics (deferred to July 2015) at Mount Holyoke College, MA, USA. He has taught introductory statistics, computing with R, statistical reasoning, and linear regression to students at Mt. Holyoke College, Smith College, and the University of California, Los Angeles. He is a fellow of the OpenIntro project, which develops free and open-source educational materials. He has published a variety of articles in statistics and statistics education.

CO-PRINCIPAL INVESTIGATOR 2 INFORMATION

Co-PI 2 First Name:
Co-PI 2 Last Name:
Co-PI 2 Organization/Affiliation:
Co-PI 2 Email:
Co-PI 2 Phone:
Co-PI 2 Address Line 1:
Co-PI 2 Address Line 2:
Co-PI 2 City:
Co-PI 2 State/Province:
Co-PI 2 Postal Code:
Co-PI 2 Country:
Co-PI 2 Geographic Region:
Co-PI 2 Career Status:
Co-PI 2 Discipline:
Co-PI 2 Gender:
Co-PI 2 Short Bio:

DOCUMENT UPLOAD

UPLOAD DOCUMENTS



INET Summary - Halliday and Bray.pdf

Stage 1 One-page Summary Added by Simon Halliday at 7:05 PM on October 20, 2014

INET Summary - Halliday and Bray.pdf

Stage 1 One-page Summary Added by Simon Halliday at 7:05 PM on October 20, 2014

INET 4-page Proposal - Halliday and Bray.pdf

Stage 1 Proposal Added by Simon Halliday at 7:05 PM on October 20, 2014

shalliday_cv.pdf

CV Added by Simon Halliday at 6:35 PM on October 20, 2014

INET Budget - Halliday and Totals.pdf

Stage 1 Budget Added by Simon Halliday at 6:35 PM on October 20, 2014

INET - Budget Bray.pdf

Stage 1 Budget Added by Simon Halliday at 6:35 PM on October 20, 2014

abray-cv.pdf

CV Added by Simon Halliday at 6:35 PM on October 20, 2014

ALERT COMMUNICATIONS