

Aaron M. Swoboda

Economics and Environmental Studies
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Current Position

Associate Professor, Carleton College, (Joint Appointment) Economics Department and Environmental Studies Program, 2015-present.

Previous Positions

Assistant Professor, Carleton College, (Joint Appointment) Economics Department and Environmental Studies Program, 2010-2015.

Post-Doctoral Fellow, Carleton College, 2008-10.

Assistant Professor, University of Pittsburgh, Graduate School of Public and International Affairs, 2005-09.

Education

PhD Agricultural and Resource Economics, University of California - Berkeley, 2005.

MS Agricultural and Resource Economics, University of California - Berkeley, 2002.

BA Economics, *Magna Cum Laude*, Carleton College, 2001.

Fields of Interest

Environmental Economics, Spatial Analysis, Urban Economics, Econometrics, Microeconomics, Data Visualization.

Scholarship

Current Projects

A Hedonic Price Measure of the Effect of Light Rail Access in St. Paul, MN. (with undergraduate Ozzy Houck)

Who Uses Supplementary Course Materials? An Analysis of Shiny Applications in the Economics Undergraduate Curriculum.

Peer Reviewed Articles

Can Conventional Measures Identify Geographically Varying Mixed Regression Relationships? A Simulation-based Analysis of Locally Weighted Regression. *Journal of Geographical Systems*
Revisions and resubmission requested.

Efficient Empiricism: Streamlining Teaching, Research and Learning in Empirical Courses. *Journal of Economic Education* 15(3), 2019. (with Tomas Dvorak, Simon Halliday, and Michael O'Hara)

Measuring the Effect of Blended Learning: Evidence for a Selective Liberal Arts College. *American Economic Review (papers and proceedings)*, v 106, no 5, pp. 368-72 (with Lauren Feiler) 2016

Hedonic Analysis over Time and Space: The case of house prices and traffic noise. *Journal of Regional Science*, 55(4), 2015. (with Tsegaye Nega and undergraduate student Maxwell Timm)

Hedonic Analysis with Locally Weighted Regression: An application to the shadow cost of housing regulation in Southern California. *Regional Science and Urban Economics*, 40(6), 2010. (with David Sunding)

Land Use Regulation with Durable Capital. *Journal of Economic Geography*, 10(1), 2010. (with John M. Quigley)

The Urban Impacts of the Endangered Species Act: a general equilibrium analysis. *Journal of Urban Economics*, 61(2), 2007. (with John M. Quigley)

Professional Activities

Recent Select Conferences and Presentations

Teaching Integrity in Empirical Research Faculty Fellow Workshop. June 2017. Haverford College.

Conference on Teaching & Research on Economic Education. June 2017. "Efficient Empiricism" Workshop Co-leader.

Teaching Integrity in Empirical Research Faculty Fellow Workshop. June 2016. Haverford College.

Teaching Integrity in Empirical Research Faculty Development Workshop. April 2016. Haverford College.

American Economic Association Annual Meeting. Committee on Economic Education Special Session: Research in Economic Education. January 2016. Presentation: "Measuring the Effect of Blended Learning: Evidence from a Selective Liberal Arts College" (with Lauren Feiler)

American Economic Association Annual Meeting. Committee on Economic Education Poster Session. January, 2016. "Using Excel and R to Create Interactive Graphs in Microeconomics."

Annual North American Meetings of the Regional Science Association International Conference. Special Session on Geocomputation. November, 2015. Presentation: "Can Conventional Measures Identify Geographically Varying Mixed Regression Relationships? A Simulation-based Analysis"

Mid-Continent Regional Science Association Conference. May 2015. Presentation: "Can Conventional Measures Identify Geographically Varying Mixed Regression Relationships? A Simulation-based Analysis"

Reviewer

Agricultural and Resource Economics Review, Annals of Regional Science, Canadian Journal of Agricultural Economics, Environment and Planning A, International Public Management Journal, Journal of Economic Literature, Journal of Regional Science, Regional Science and Urban Economics, Urban Studies, Public Policy Institute of California, Addison-Wesley

Professional Association Memberships

American Economic Association, Association of Environmental and Resource Economists, Association of Environmental Studies and Sciences, National Numeracy Network.

Selected Grants, Honors, Awards, & Fellowships

Future Learning Technology Group Curriculum Innovation Grant. 2017.

Teaching Integrity in Empirical Research Faculty Fellow. 2016-2017.

Dean's Office Curricular Innovation Grant. Carleton College. Summer 2014 (with Lauren Feiler).

Future Learning Technologies Grant. Carleton College. Summer 2014 (with Lauren Feiler).

Large Faculty Development Grant to fund a term of research leave. Carleton College. Fall 2013.

Small Faculty Development Grant to fund a summer research assistant. Carleton College. Summer 2012.

Mellon Foundation Post-Doctoral Fellowship. Carleton College. 2008-2010.

Visualizing the Liberal Arts, Carleton College, curricular development grant. 2010.

Quantitative Inquiry, Reasoning and Knowledge (QuIRK), Carleton College, curricular development grant. 2009, 2010.

Quantitative Inquiry, Reasoning and Knowledge (QuIRK), Carleton College, funding for research assistantship. 2009.

College Committee Service

Faculty Affairs Committee. 2019 - present. (elected position)

Committee on Effective Learning with Technology. 2017 - 2019

Education and Curriculum Committee. 2015-2017. (elected position)

Budget Committee. 2012 - 2014. (elected position)

Faculty Compensation Committee. 2012 - 2014. (elected position)

Task Force on Online Learning Models. 2012.

Institutional Research and Assessment Advisory Committee. 2011 - 2012.

Environmental Studies Curriculum Committee. 2011 - present.

Environmental Studies Career Committee. 2011 - present.

Environmental Studies Steering Committee. 2010 - present.

Quantitative Inquiry, Reasoning and Knowledge (QuIRK) Initiative Steering Committee. 2010 - present.

Climate Action Plan Steering Committee. 2010 - present.

Other Notable College Service

Presenter. Learning and Teaching Center Discussion Group. The Quantitative Classroom.

Content Creator. Carleton Undergraduate Bridge Experience. "Exponential Growth"

Presenter. Future Learning Technology Group Workshop. December 2014. Carleton College.

Instructor. Summer Quantitative Reasoning Institute. Carleton College Summer Academic Program. Summer 2012. Summer 2013.

Presenter. Learning and Teaching Center Lunch, Scaffolding the Academic Poster: Connecting Curricular Goals with Visual Thinking. May, 2013.

Faculty Mentor. Mayo Innovation Scholars Program. 2012-2013

Presenter. iPad Learning Community. Carleton College Academic Technologists. Fall 2012.

Presenter. Learning and Teaching Center Lunch, Screencasting and Podcasting. September, 2012.

Presenter. Learning and Teaching Center Lunch, Playing in the Sandbox: Reports from Weitz Center 235. January, 2012.

Co-Leader. Carleton Data Visualization Challenge, a monthly gathering of Carleton community members to discuss data visualization techniques and best practices (with Doug Foxgrover). 2011- 2012

Presenter. Visualizing the Liberal Arts Winter Workshop: Learning to Look Ethically. December, 2011.

Presenter. Learning and Teaching Center Lunch: Bringing Sustainability Into the Classroom: The Climate Action Plan in Action. September, 2011.

Co-Leader. Learning and Teaching Center book discussion group on data visualization (with Doug Foxgrover). Winter 2011.

Presenter. Social Science Faculty Panel Presentation to Carleton Board of Trustees. October, 2010.

Faculty Mentor. Clean Technology Scholars Program, a multi-day trip to California sponsored by the Carleton College Career Center to help students learn about the clean technology industry. 2009.

Co-Organizer. Spatial Econometrics for Social Scientists Workshop (with Tsegaye Nega). March, 2009. Carleton College.