

**June 2018**  
**CURRICULUM VITAE**  
**John Michael Spraggon**

Contact Information

Department of Resource Economics  
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80 Campus Center Way  
Amherst, MA 01033

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**EDUCATION**

Ph.D. (Economics) McMaster University, Hamilton, Ontario, 2000  
M.A. (Economics) McMaster University, Hamilton, Ontario, 1994  
BMath (Joint Honours with Economics) University of Waterloo, Waterloo, Ontario, 1993

**RESEARCH AND TEACHING INTERESTS**

**Primary**

Microeconomics  
Experimental Economics

**Secondary**

Game Theory  
Environmental Economics

**ACADEMIC POSITIONS**

**Associate Professor**, Department of Resource Economics, University of Massachusetts  
Amherst, July 2006 to Present. Tenured since June 2010.

**Erskine Visitor**, Department of Economics, University of Canterbury, Christchurch, NZ,  
February 2014 to June 2014.

**Associate Professor**, Department of Economics, Lakehead University, July 2004 to July 2006.

**Assistant Professor**, Department of Economics, Lakehead University, Fall 1999 to July 2004.

**RESEARCH**

**Grants**

Spraggon, John M. (PI). "PMYR Grant for Professional Development in Teaching." The  
Institute for Teaching Excellence and Faculty Development, University of Massachusetts  
Amherst, \$3000. 2017.

Spraggon, John M. (PI) and Angela de Oliveira. "New England Experimental Economics  
Workshop." College of Social and Behavioral Sciences Conference Grant, University of  
Massachusetts Amherst, \$1500. 2015.

Spraggon, John M. (PI). “Reward the Lucky, Punish the Unlucky.” College of Social and Behavioral Sciences Research Grant, University of Massachusetts Amherst, \$6000. Fall 2013-Spring 2015.

Spraggon, John M. (PI). “General Deterrence, Audit Uncertainty and Environmental Regulation.” USDA National Institute of Food and Agriculture, Hatch capacity grants project #1001468. 2013-2016.

Stranlund, John K. (PI), James Murphy, John Spraggon, Timothy Cason, Vernon Smith, Stephen Rassenti, David Porter. “Experimental Testbeds for New Applications of Environmental Trading Programs.” U. S. Environmental Protection Agency—Science to Achieve Results. \$987,125. 2008-2011.

Gregoire, Philippe (PI), and John M. Spraggon. “Experiment on the Influence of Beliefs in the Wage-Effort Game.” Senate Research Committee, Lakehead University, \$4900. 2003.

Spraggon, John M. (PI). “Enforcement in Markets for Tradable Emission Permits.” Social Sciences and Humanities Research Council of Canada, Standard Research Grant 410-2002-0632, \$82,458. 2002-2005.

Spraggon, John M. (PI). “Instruments to Mitigate the Problem of Moral Hazard in Groups under Differing Information Conditions.” Senate Research Committee, Lakehead University. \$3,100. 2000.

Spraggon, John M. (PI). “Feasibility of Exogenous Targeting Instruments Experiments at Lakehead University.” Senate Research Committee, Lakehead University. \$4,900. 2000.

### **Refereed Journal Articles**

de Oliveira, Angela C. M., Alexander Smith, and John Spraggon, 2017. “Reward the Lucky? An Experimental Investigation of the Impact of Agency and Luck on Bonuses.” *Journal of Economic Psychology*, 62, 87-97.

DeGeest, Lawrence, John K. Stranlund and John M. Spraggon, 2017. “Deterring Poaching of a Common Pool Resource: An Experimental Evaluation.” *Journal of Economic Behavior and Organization*, 141, 254-276.

de Oliveira, Angela, John M. Spraggon, and Matthew Denny, 2016. “Instrumenting Beliefs in Threshold Public Goods.” *PLOS One* 11(2) e0147043.

Spraggon, John, M., Lucia Andrea Vergara Sobarzo, and John K. Stranlund, 2015. “A Note on Stochastic Public Revelation and Voluntary Contributions to Public Goods.” *Economics Letters*, 126, 144-146.

Stranlund, John K., James J. Murphy and John M. Spraggon, 2014. "Price Controls and Banking in Emission Trading: An Experimental Evaluation." *Journal of Environmental Economics and Management*, 68(1), 71-86.

Suter, Jordan, F., John M. Spraggon and Greg L. Poe, 2013. "Thin and Lumpy: An Experimental Investigation of Water Quality Trading." *Water Resources and Economics*, 1, 36-60.

Spraggon, John M., 2013. "The Impact of Information and Cost Heterogeneity on Firm Behavior under an Ambient Tax/Subsidy Instrument." *Journal of Environmental Management*, 122, 137-143.

Oxoby, Robert J., and John M. Spraggon, 2013. "A Clear and Present Minority: Heterogeneity in the Source of Endowments and the Provision of Public Goods." *Economic Inquiry*, 51(4), 2071-2082.

Lopez, Maria Claudia, James J. Murphy, John M. Spraggon and John K. Stranlund, 2012. "Comparing the Effectiveness of Regulation and Individual Emotions to Enhance Cooperation: Experimental Evidence from Fishing Communities in Colombia." *Economic Inquiry*, 50(1), 131-142.

Stranlund, John K., James J. Murphy and John M. Spraggon, 2011. "An Experimental Analysis of Compliance in Dynamic Emissions Markets." *Journal of Environmental Economics and Management*, 62(3), 414-429.

McEvoy, David M., James J. Murphy, John Spraggon, and John K. Stranlund, 2011. "The Problem of Maintaining Compliance within Stable Coalitions: Experimental Evidence." *Oxford Economic Papers*, 63(3), 475-498.

Spraggon, John M., and Robert J. Oxoby, 2010. "Ambient-Based Policy Instruments: The Role of Recommendations and Presentation." *Agricultural and Resource Economics Review*, 39(2), 262-274.

Spraggon, John M., and Robert J. Oxoby, 2009. "Game Theory for Playing Games: Sophistication in a Negative-Externality Experiment." *Economic Inquiry*, 47(3), 467-481.

Spraggon, John M., and Robert J. Oxoby, 2009. "An Experimental Investigation of Endowment Source Heterogeneity in Two-Person Public Good Games." *Economics Letters*, 104(2), 102-105.

Oxoby, Robert, J., and John M. Spraggon, 2008. "Mine and Yours: Property Rights in Dictator Games." *Journal of Economic Behavior and Organization*, 65, 703-713.

Spraggon, John M., 2004. "Individual Decision Making in a Negative Externality Experiment." *Experimental Economics*, 7, 249-269.

Spraggon, John M., 2004. "Testing Ambient Pollution Instruments with Heterogeneous Agents." *Journal of Environmental Economics and Management*, 48, 837-856.

Muller, R. Andrew, Stuart Mestelman, John M. Spraggon and Rob Godby, 2002. "Can Double Auctions Control Monopoly and Monopsony Power in Emissions Trading Markets?" *Journal of Environmental Economics and Management*, 44, 70-92.

Spraggon, John M., 2002. "Exogenous Targeting Instruments as a Solution to Group Moral Hazards." *Journal of Public Economics*, 84(3), 427-456.

### Articles in Progress

Crago, Christine L., John M. Spraggon, and Elizabeth Hunter. "Motivating Non-Rate Paying Households with Feedback and Social Nudges: A Cautionary Tale." In progress.

Stranlund, John, K., James J. Murphy, John M. Spraggon and Nikolaos Zirogiannis. "Tying Enforcement to Permit Prices in Emission Markets: An Experimental Evaluation." Under Submission with the *Journal of Environmental Economics and Management*.

Clark, Jeremy, and John M. Spraggon. "The Applicability of Micro-Finance to Higher Risk Business Ventures: An Experimental Study." Under Submission with the *Journal of Economic Behavior and Organization*.

### Refereed Chapters in Books

Stranlund, John K., James J. Murphy, and John M. Spraggon, 2013. "Imperfect Enforcement of Emissions Trading and Industry Welfare: A Laboratory Investigation." *Handbook on Experimental Economics and the Environment*. John A. List and Michael K. Price editors, Edward Elgar Publishing.

Lopez, Maria Claudia, James J. Murphy, John M. Spraggon and John K. Stranlund, 2013. "Does Government Regulation Complement Existing Community Efforts to Support Cooperation? Evidence from Field Experiments in Colombia." *Handbook on Experimental Economics and the Environment*. John A. List and Michael K. Price editors, Edward Elgar Publishing.

Oxoby, Robert J. and John Spraggon, 2008. "The Effects of Recommended Play on Compliance with Ambient Pollution Instruments." *Environmental Economics, Experimental Methods*. Todd L. Cherry, Stephan Kroll and Jason F. Shogren, (Eds.), Taylor & Francis Ltd.

**Other Publications (Not Refereed)**

Suter, Jordan F., John M. Spraggon and Greg L. Poe, 2013. "Water quality trading experiments: Thin markets and lumpy capital investments." *Global Water Forum*, Discussion Paper, number 1328.

**Seminar and Conference Presentations**

Stranlund, John, K., James J. Murphy, John M. Spraggon and Nikolaos Zirogiannis. "Tying Enforcement to Permit Prices in Emission Markets: An Experimental Evaluation."

New England Experimental Economics Workshop (NEEW), Amherst MA, May 2018.

Canadian Economics Association (CEA), Annual Meetings, Montreal, QC, May 2018.

Crago, Christine L., John M. Spraggon, and Elizabeth Hunter. "Motivating non-rate paying households with feedback and social nudges: A cautionary tale."

NEEW, Middlebury VT, May 2017.

Northeastern Agricultural and Resource Economics Association Annual Meetings Bar Harbor ME, June 2016

de Oliveira, Angela C. M., Alexander Smith, and John Spraggon. "Reward the Lucky? An Experimental Investigation of the Impact of Agency and Luck on Bonuses."

Economic Science Association (ESA) Regional Meetings, Tucson, AZ, November 2016.

Clark, Jeremy, and John M. Spraggon. "The Applicability of Micro-Finance to Higher Risk Business Ventures: An Experimental Study."

New England Experimental Economics Workshop (NEEW), Amherst, MA, June 2016

CEA, Annual Meetings, Ottawa, ON, May 2016.

de Oliveira, Angela, C. M., John M. Spraggon, and Matthew Denny. "Instrumenting Beliefs in Threshold Public Goods."

Western Massachusetts Experimental Economics Workshop, Amherst, MA, June 2015.

CEA, Annual Meetings, Toronto, ON, May 2015.

Spraggon, John, M., Lucia Andrea Vergara Sobarzo, and John K. Stranlund. "A Note on Stochastic Public Revelation and Voluntary Contributions to Public Goods."

University of Waikato Department of Economics Seminar Series, Hamilton, NZ, May 2014.

University of Melbourne, Department of Economics Seminar Series, Melbourne, AU, May 2014.

Economic Science Association (ESA) Regional Meetings, Tucson, AZ, November, 2012.

Stranlund, John K., James J. Murphy and John M. Spraggon. "Price Controls and Banking in Emission Trading."

University of Otago, Department of Economics Seminar Series, Dunedin, NZ, April

2014.

University of Canterbury, Department of Economics Seminar Series, Christchurch, NZ, March 2014.

CEA, Annual Meetings, Calgary, AB, May 2012.

ESA Regional Meetings, Tucson, AZ, November, 2011.

Spraggon, John M., "The Impact of Information and Cost Heterogeneity on Firm Behavior under an Ambient Tax/Subsidy Instrument."

University of Windsor, Department of Economics, Invited Speaker Series, January 2004.

University of Calgary, Department of Economics, Invited Speaker Series, September 2003.

Laval University, Department of Economics, Invited Speaker Series, September 2003.

CEA Annual Meeting, Ottawa, Ontario, May 2003.

University of Wyoming, Department of Economics, Invited Speaker Series, October 2002.

Canadian Resource and Environmental Economics Study Group (CREE), Montreal, Quebec, October 2002.

ESA Annual Meeting, Boston, Massachusetts, June 2002.

Spraggon, John M., and Robert J. Oxoby. "Heterogeneity in the Source of Endowments and the Provision of Public Goods."

University of Massachusetts Amherst, Department of Resource Economics, February 2006.

ESA Annual International Meeting, Montreal, Quebec, June 2005.

Lopez, Maria Claudia, James J. Murphy, John M. Spraggon and John K. Stranlund. "Comparing the Effectiveness of Regulation and Individual Emotions to Enhance Cooperation: Experimental Evidence from Fishing Communities in Colombia."

ESA Annual Meetings, Pasadena, CA, June 2008.

Stranlund, John K., James J. Murphy and John M. Spraggon. "An Experimental Analysis of Compliance in Dynamic Emissions Markets."

Department of Agricultural and Resource Economics, University of Connecticut.

Departmental Seminar, October 2010.

Canadian Resource and Environmental Economics (CREE) Study Group, Guelph, Ontario, October 2010.

World Congress of Environmental and Resource Economists, Montreal, Quebec, June 2010.

ESA Regional Meetings, Tucson, AZ, November, 2009.

CEA, Annual Meetings, Toronto, ON, May 2009.

Oxoby, Robert J. and John Spraggon. "The Effects of Recommended Play on Compliance with Ambient Pollution Instruments."

Experimental Economics and Public Policy Workshop at Appalachian State University,  
April 2005  
ESA Regional Meetings, Tucson Arizona, October 2003.

Stranlund, John K., James J. Murphy, and John M. Spraggon. "Imperfect Enforcement of  
Emissions Trading and Industry Welfare: A Laboratory Investigation."  
CEA Annual Meetings, Vancouver, BC, June 2008.

Spraggon, John M., and Robert J. Oxoby. "Ambient-Based Policy Instruments: The Role of  
Recommendations and Presentation."  
Northeastern Agricultural and Resource Economics Association, Workshop in  
Experimental Economics, Burlington, VT, June 2009.

Spraggon, John M., and Robert J. Oxoby. "Game Theory for Playing Games: Sophistication in a  
Negative Externality Experiment."  
Economic Science Association (ESA) Annual Meeting, Pittsburgh, Pennsylvania, June  
2003.  
Annual Meeting of the Canadian Economics Association (CEA), Ottawa, Ontario, May  
2003.

Spraggon, John M. "Individual Decision Making in a Negative Externality Experiment."  
ESA Annual Meeting, New York, NY, June 2000.  
CEA Annual Meeting, Toronto, Ontario, May 1999.  
Public Choice Meetings, New Orleans, Louisiana, March 1999.

Spraggon, John M. "Testing Ambient Pollution Instruments with Heterogeneous  
Agents."  
Canadian Resource and Environmental Economics Study Group, Ottawa, Ontario,  
October, 1998.  
ESA Annual Meeting, Mannheim Germany, June 1998.  
CEA Annual Meeting, Ottawa, Ontario, May 1998.  
Department of Economics Seminar, McMaster University, April 1998.

Spraggon, John M. "Exogenous Targeting Instruments as a Solution to Group Moral  
Hazards."  
ESA Regional Meeting, Tucson, Arizona, September 1997.  
CEA Annual Meeting, St. John's, Newfoundland, June 1997.  
Department of Economics Seminar, McMaster University, April 1997.  
Public Choice Meeting in San Francisco, California, February 1997.

## TEACHING

### Current Courses

#### Graduate Courses:

**Applied Microeconomic Theory I:** First course in the core microeconomic theory sequence for M.S. and Ph.D. students in Resource Economics. Focuses on the theory of consumption and production.

**Experimental Economics:** Surveys the major topics in experimental economics and students develop a project which uses the methodology of experimental economics.

**Seminar in Resource Economics:** This course guides our first year M.S. and Ph.D. students through their first year. It focuses on how to develop a research project including writing skills, resources available at the university and presentation skills.

#### Undergraduate Courses:

**Experimental Economics:** Introduction to experimental economics for Junior and Senior undergraduates. Provides an overview of experimental evidence of standard microeconomic results.

**Price Theory:** Intermediate microeconomics focusing on consumer theory, producer theory and market structure.

### Graduate Students Supervised

#### Ph.D. Dissertation Committee Member:

Lawrence De Geest. *Three Essays on Social Dilemmas with Strategic External Threats*. Department of Resource Economics, University of Massachusetts Amherst. In progress.

Jill Ann Fitzsimmons. *Pro-Social Consumer and Firm Behavior in Imperfectly Competitive Regional Agricultural Markets*. Department of Resource Economics, University of Massachusetts Amherst. In progress.

Kelly Hellman Miller. *Three Essays on the Empirical Estimation of Environmental Damages Through Market and Health Impacts*. Department of Resource Economics, University of Massachusetts Amherst. In progress.

Phil Mellizo. Currently Assistant Professor, Wooster College. Ph.D. Dissertation: *Essays in Behavioral Labor Economics*. Department of Economics, University of Massachusetts Amherst. Defended July 2010.

Linus Mabughi Nyiwul. Currently Assistant Professor, Gettysburg College. Ph.D. Dissertation: *Essays on Environmental Policy and Markets*. Department of Resource Economics, University of Massachusetts Amherst. Defended August 2009.

Wesley Pech. Currently Associate Professor, Department of Economics, Wofford College.



Ph.D. Dissertation: *Essays on Behavioral Economics*. Department of Economics, University of Massachusetts Amherst. Defended May 2008.

Maria Claudia Lopez. Currently Assistant Professor, Department of Community Sustainability, Michigan State University. Ph.D. Dissertation: *Internal, External, and Dual Enforcement to Enhance Conservation of Local Natural Resources: Experimental Evidence from the Field*. Department of Resource Economics, University of Massachusetts Amherst. Defended November 2007.

David M. McEvoy. Currently Associate Professor, Department of Economics, Appalachian State University. Ph.D. Dissertation: *Enforcing Voluntary Agreements for Environmental Protection: A Theoretical and Experimental Analysis*. Department of Resource Economics, University of Massachusetts Amherst. Defended August 2007.

#### M.S. Thesis Chair:

Lucia Andrea Vergara Sobarzo. M.S. Thesis: *Investigating the Ability of Pro-Social Emotions to Enhance Cooperative Behavior*. Department of Resource Economics, University of Massachusetts Amherst. Completed January 2013.

Nikolaos Ziropiannis. M.S. Thesis: *Wildfire Prevention and Mitigation: The Case of Southern Greece*. Department of Resource Economics, University of Massachusetts Amherst. Completed September 2008.

#### M.S. Thesis Member:

Elizabeth Hunter, M.S. Thesis committee member: *Motivating Household Energy Conservation Using Feedback and Social Nudges: A Field Experiment*. Department of Resource Economics University of Massachusetts Amherst. Completed September 2015.

#### M.S. Research Advisor:

Michael Pizzi, M.S. Field Essay: *Willingness to Pay for Sustainable Palm Oil: Eliminating Hypothetical Bias*. Department of Resource Economics University of Massachusetts Amherst. Completed January 2016.

Matthew Denny, M.S. Field Essay: *Giving too Much: The Role of Beliefs in Threshold Public Good Games*. Department of Resource Economics University of Massachusetts Amherst. Completed January 2013.

Joshua Slocum. M.S. Field Essay: *Evaluation of Auctions with a Buy Price: A Simulation Study Approach*. Department of Resource Economics University of Massachusetts Amherst. Completed January 2013.

Sean Nagle. M.S. Field Essay: *Controlling Price Levels in Emissions Permit Trading Markets: Experimental Evidence*. Department of Resource Economics University of Massachusetts Amherst. Completed Spring 2013.

Ben Laine. M.S. Field Essay: *Investigating the Effects of Enforcement on Permit Prices in Experimental Emissions Trading Markets*. Department of Resource Economics, University of Massachusetts Amherst. Completed April 2010.

Daniel Peterson. M.S. Field Essay: *A Review of Experiments in Emission Permit Trading*

*Programs.* Department of Resource Economics, University of Massachusetts Amherst.  
Completed April 2009.

## **SERVICE**

### **Service to the Department**

Graduate Program Director, Spring 2012 – Fall 2017.

Member, Graduate Program Committee, Spring 2011- Spring 2012, Fall 2017-Fall 2018.

Member, Department of Resource Economics Personnel Committee Fall 2016- Spring 2017,  
and Spring 2015.

Member, Environmental Economics Hiring Committee 2016-2017

Member, Departmental Bylaws Committee, Spring 2017 – Spring 2018.

Member Academic Programs Coordinator Hiring Committee Fall 2016.

Member, Industrial Organization Hiring Committee 2015-2016

Member, Managerial Economics Hiring Committee 2015-2016

Member, Environmental Economics Hiring Committee 2014-2015.

Member, AQAD Response Committee (Fall 2015)

Member, Strategic Planning Committee (Spring 2015).

Co-Faculty Advisor, Resource Economics Society (R.E.S.), the club for Resource Economics Undergraduates, Spring 2008-Spring 2012.

Co-Chair, Faculty Search Committee, Experimental Economics Program, Department of Resource Economics, University of Massachusetts Amherst, Fall 2008 – Spring 2009.

Co-Chair, Faculty Search Committee, Experimental Economics Program, Department of Resource Economics, University of Massachusetts Amherst, Fall 2007 – Spring 2008.

Member, Computer Committee, University of Massachusetts Amherst, Fall 2006 to Fall 2015.

Co-Chair, Experimental Economics Lab Committee Spring 2007 – Present.

Member, Committee for the Development of the Cleve Willis Experimental Economics Laboratory. Made contributions to the design of lab, design decisions during the construction, and final setup. Also contributed to discussion of how to best present the lab for fundraising opportunities.

### **Service to the College and University**

#### **University of Massachusetts Amherst**

Member, Institute for Social Science Research (ISSR) Advisory Board, Spring 2016 to Present.

Presenter, ISSR Research Methods for Industry Applications Workshop, June 2015.

Member, Cole Fellowship Selection Committee in the College of Social and Behavioral Sciences, Fall 2014, and Fall 2015.

Member, Academic Deans' Theme Vision Team, Fall 2010 to Spring 2011.

Member, Faculty Research and Scholarship Committee, Isenberg School of Management, Fall 2009 to Spring 2011.

Member, Computer Committee, College of Natural Resources and the Environment, Fall 2006 to Fall 2009.

#### **Lakehead University**

Member, Search Committee for the Dean, Faculty of Social Science and Humanities, Spring 2006.

Member, Senate Information Systems Committee, Fall 2005 to Spring 2006.

Member, VP-Research Search Committee, Spring 2004.

Faculty Advisor, Economic Society, Fall 2004 to Spring 2005.

Organizer, Department of Economics Speaker Series, September 2002 to September 2005.

Member, Ontario Graduate Scholarship Ranking Committee, Department of Economics, Fall 2004.

Member, Hiring Committee, Department of Economics, 2001 to 2003.

### **Service to the Profession**

Member Northeast Agricultural and Resource Economics Association (NAREA) Information Systems Committee, Spring 2017 – Fall 2017.

Member of the Editorial board for the *Journal of Behavioral and Experimental Economics*  
Spring 2017 - Present.

Member Selection Committee for the NAREA Annual Conference June 2017.

Co-Organized New England Experimental Economics Workshop, University of Massachusetts,  
Amherst, June 2015, and June 2016.

Member of the NAREA Honorary Member and Distinguished Member Award Committee  
Spring 2014 – Spring 2016 (Chair in Spring 2016).

Presentation for the California Agricultural Leadership Foundation Class 39 on Experimental  
Economics and Public Policy, Spring 2009.

Co-Organized Sessions for the Canadian Experimental and Behavioral Research Group at the  
Canadian Economic Association Meetings in Vancouver, May, 2008.

Journal Refereeing for journals such as: *American Economic Review*, *Economic Inquiry*,  
*Journal of Environmental Economics and Management*, *Environmental and Resource  
Economics*, *Experimental Economics*, *Journal of Group Decision and Negotiation*, *Managerial  
and Decision Economics*.

## **PROFESSIONAL AFFILIATIONS**

American Economic Association  
Canadian Economics Association  
Canadian Experimental and Behavioral Economic Research Group  
Economic Science Association  
Northeastern Agricultural and Resource Economics Association