Institut d'économie appliquée andrew.leach@hec.ca HEC Montréal http://www.hec.ca/pages/andrew.leach Tel: 514-340-7001 3000, chemin de la Côte Sainte-Catherine Fax: 514-340-6469 Montréal, QC. H3T 2A7 ACADEMIC APPOINTMENTS HEC Montréal 2003-present Assistant Professor, Institute of Applied Economics. Centre de recherche sur les transports (CRT) 2003-present Associated Researcher, CN Chair. Center for Interuniversity Research and Analysis 2005-present on Organizations (CIRANO) Researcher, Corporate Governance and Public Policy. Centre interuniversitaire sur le risque, 2005-present les politiques économique et l'emploi (CIRPEÉ) Associate member. PREVIOUS EXPERIENCE Queen's University 2002 - 2003Teaching Fellow, Economics Department. **EDUCATION** Queen's University, Ph.D. (Economics) 1999 - 2003Thesis: Three Papers on the Economics of Climate Change Primary Advisor: Chris Ferrall University of Guelph, M.A. (Economics) 1998 - 1999

University of Guelph, B.Sc. (Environmental Sciences)

1994 - 1998

## **PUBLICATIONS**

Leach, Andrew (2006). Regulation by Reputation. Computers and Operations Research 33, 409–425.

Leach, Andrew (forthcoming). The Climate Change Learning Curve. Forthcoming, *Journal of Economic Dynamics and Control*.

## RESEARCH PAPERS

- Leach, Andrew, (2006, March). The Welfare Effects of Climate Change Policy. Previous version circulated as Cahiers de recherche 04-01, HEC Montréal, Institut d'économie appliquée.
- Laurent-Lucchetti, Jeremy and Andrew Leach, (2006, January). Induced Innovation in a Decentralized Model of Climate Change. Cahiers de recherche 06-02, HEC Montréal, Institut d'économie appliquée. Submitted to the *Journal of Environmental Economics and Management*, February 2006.
- Clark, C. Robert and Andrew Leach, (2005, November). Optimal Regulation of Quebec's Electricity Markets. Submitted to *Canadian Public Policy*, November 2005.
- Bahn, Olivier and Andrew Leach, (2005, November). Current Issues: An Economic Model of a Shutdown in the THC. Manuscript, September 2004.
- Leach, Andrew, (2005, June). Subgame, Set and Match: A sequential game model of a tennis match. Manuscript, June 2005.

### WORK IN PROGRESS

- Leach, Andrew and Michelle Brownlee. Correcting Omitted Variables Bias in Ricardian Models of Climate Change.
- Bahn, Olivier and Andrew Leach. The Secondary Benefits of Carbon Emissions Control: Statistical Mortality and morbidity from  $SO_x$  Emissions.
- Chakravorty, Ujjayant, Andrew Leach, and Michel Moreaux. Resource Extraction and Induced Innovation.

# PRESENTATIONS

Resource Extraction Under the Threat of Induced Technological Change CIREQ Resource and Environmental Economics Workshop, McGill University	March, 2006
Is Quebec Ready for Electricity Deregulation? CIRANO Conference on Electricity Pricing	December, 2005
Induced Innovation in a Decentralized Model of Climate Change Heartland Resource and Environmental Economics Workshop, Iowa State University	October, 2005
Climate Change Policy with Endogenous Technological Change CIREQ Resource and Environmental Economics Workshop, McGill University	March, 2005
Current Issues: An Economic Model of A Shutdown in the THC Seminar, Université de Québec à Montréal	September, 2004
The Climate Change Learning Curve NCM2 Conference on Risk and the Environment, HEC Montréal	May, 2004
The Climate Change Learning Curve Montreal Macroeconomics Reading Group, UQÀM	May, 2004
Uncertainty and the Economics of Climate Change CIREQ Resource and Environmental Economics Workshop, McGill University	February, 2004
The Climate Change Learning Curve Seminar, Université Laval	November, 2003
The Climate Change Learning Curve Canadian Resource and Environmental Economics Study Group, University of Victoria	October, 2003
Integrated Assessment of Climate Change Seminar, University of Victoria	January, 2003
Integrated Assessment of Climate Change Seminar, HEC Montréal	January, 2003
Integrated Assessment of Climate Change Seminar, University of Guelph	December, 2002
Integrated Assessment of Climate Change Seminar, Queen's University	December, 2002

OLG Models for the Integrated Assessment of Climate Change September, 2002 Numerically Intensive Policy Analysis, Queen's University Sub Game, Set and Match June, 2002 Canadian Economics Association Annual Meeting, Calgary, Alberta Sub Game, Set and Match May, 2001 Numerically Intensive Policy Analysis, Queen's University CONFERENCE ORGANIZATION Canadian Resource and Environmental Economics Study Group October, 2005 HEC Montréal. Principal organizer and program chair. Conference on Energy Regulation November, 2004 CIRANO, Montréal. Co-organizer. Société canadienne de science économique May, 2005 Montréal. Member of the scientific committee. **STUDENTS** B. Dabire, B. Baruah, M. Gok, M. Kazi, and T. Butt M.B.A., 2004 Supervised Team Project: Sungai Pelus Hydroelectric Project. Jeremy Laurent-Lucchetti M.Sc., 2005 Research and Development Models of Climate Change. Patrick Milot M.Sc., 2005 Does the Canadian Market Value Environmental Performance? Nathalie Villeneuve M.Sc., 2005 A General Equilibrium Model of Transportation Taxes in the Canadian Economy. François Le Morvan M.Sc., in progress The Rebound Effect: Evidence from Micro-level Data. Catherine Michaud M.Sc., in progress L'élasticité-prix pour la consommation de l'eau: le cas de Montréal. Valérie Bruneau M.Sc., in progress The Adoption of Voluntary Environmental Certification in the Canadian Forest Industry.

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## **HEC** Montréal

Internal Research Grant. \$10000, 2003.

#### HEC Montréal

Project Startup Grant for Induced Innovation and Climate Policy. \$4500, 2005.

#### HEC Montréal

Project Startup Grant for Physical Effects of Atmospheric Pollution. \$4500, 2004.

## HEC Montréal

Teaching Grants for Development of Course Materials. \$4000, 2003-2004.

# HONORS AND AWARDS

Queen's University, Graduate Scholarship.

1999 - 2003

Queen's University, Graduate Bursary.

1999 - 2000

# REFEREE

Canadian Journal of Economics, Journal of Public Economics, Computers and Operations Research, Environmental Modeling and Assessment, Energy Studies Review.

## PROFESSIONAL AFFILIATIONS

Canadian Economics Association, Association of Environmental and Resource Economists.

# LANGUAGES AND CITIZENSHIP

Citizenship: Canadian.

Languages: Fluent in English and French.