

Dr. Tracy Stobbe
Curriculum Vitae
Assistant Professor

Address: School of Business, TWU
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Former name: Tracy Wates
Date of birth: October 15, 1978
Place of birth: Richmond, B.C.
Citizenship: Canadian

RESEARCH

My present research lies in the area of agricultural economics and issues concerning the urban fringe. I examine how externalities at the intensive margin affect both developed areas and the surrounding farmland and how agricultural land prices are affecting farmer's ability to make a living. I employ statistical analysis as my principal methodology using GIS (geographic information system) to study the spatial relationships in the datasets.

Previously, I focused on environmental economics issues such as endangered and invasive species, wetlands, conservation finance, and techniques such as non-market valuation and benefit transfer. I am interested in issues of natural resource and land conservation and I am particularly fascinated by how market mechanisms can be used in conservation efforts.

Making academic literature accessible and intelligible to policymakers is an especial concern mine and I strive to make my research as policy-relevant as possible.

EDUCATION

- 2008 **Ph.D. – University of Victoria**
- Department of Economics (environmental and natural resource economics)
 - Supervisor: Dr. G. Cornelis van Kooten
 - Dissertation: "The Economics and Externalities of Agricultural Land at the Urban Fringe"
- 2003 **M.P.P. – University of California Berkeley**
- Master's of Public Policy analysis (environmental policy)
 - Supervisor: Dr. Gene Bardach
 - Thesis project (A.P.A.): "Exotic Species in National Parks: Managing Public Conflict" for the National Park Service at Point Reyes National Seashore
- 2002 **Certificate: International Public Management – Bocconi University**
- Three week intensive course abroad (Milan)
- 2000 **B.J. (Highest Honours) – Carleton University**
- Bachelor of journalism (minor in developmental psychology)
 - Focus on international reporting, opinion writing/analysis and public relations

ACADEMIC WORK EXPERIENCE

- 2007 - 2009 Trinity Western University (Langley, B.C.)
- Assistant Professor (of economics and statistics) in the School of Business
 - 2007/2008: Sessional instructor in the School of Business
 - Courses: **ECON 201 (Principles of Microeconomics)**, **ECON 304 (Money and Banking)**, **BUSI/ECON 275 (Business Statistics)**, **BUSI/ECON 276 (Quantitative Methods)**, **HIST/ECON 306 (History of Economic Thought)**
 - Guest lecturer (Sept. 2008) in **Geography/Economics 341 (Environmental Management)**
- 2006 - 2007 Visiting Scholar – University of British Columbia
- Department of Agricultural Economics, Faculty of Land and Food Systems
 - Faculty sponsor: Dr. Kathy Baylis
 - Given an office and GIS computer programs to aid in my research
 - Guest lecture (Oct. 2006) **ECON 374: Land and Natural Resource Economics**
- 2003 – 2007 University of Victoria Graduate Student Society Council
- Graduate Council Representative
 - Attended monthly Graduate Council meetings
 - Served on various committees
- 2003 – 2007 University of Victoria Economics Department
- Graduate student representative
 - Attended monthly departmental meetings, providing grad student input
 - Organized various departmental social and academic functions

Teaching Assistant (TA) positions

University of Victoria

ECON 205: Managerial Economics

- Spring 2007

ECON 353: Computational Economics

- Spring 2007

ECON 321: Canadian Economic History

- Spring 2004, Fall 2004, Fall 2005, Summer 2006, Fall 2006, Summer 2007
- Lectured on “The 18th Century Maritime Shipbuilding and Timber Industry” and “The Canadian Wheat Boom”

ECON 245 & 246: Statistics and Probability

- Fall 2004, Spring 2005, Fall 2005, Spring 2006, Fall 2006
- Taught weekly computer labs of 30 students

ECON 410: Public Policy

- Spring 2004
- Lectured on “Techniques of Policy Analysis”

University of California, Berkeley

Public Policy 101: Introduction to Public Policy Analysis

- Third year course for undergraduate minors
- Designed and lead weekly laboratory discussions
- Supervised students on term paper research

WORK EXPERIENCE (OUTSIDE UNIVERSITIES)

- 2004 Ministry of Water, Land and Parks – B.C. Provincial Government
- Department of Wildlife Recreation and Allocation and Department of Biodiversity
 - Summer work term
 - Researched/wrote socio-economic assessment for the Pacific water shrew required under the Species at Risk Act (SARA)
 - Developed conceptual economic framework for land stewardship incentive program
- 2002 Independent Institute – Oakland, California
- Summer intern
 - Researched/wrote report and op-eds on endangered species habitat banking
- 2001 The Fraser Institute – Vancouver, B.C.
- Summer intern
 - Researched/wrote report on Canadian environmental indicators
- 2000 The Competitive Enterprise Institute – Washington, D.C.
- Summer intern
 - Researched vector-borne diseases of the third world and the role of DDT
- 1999-2000 *Centretown News* and *the Charlatan*
- Ottawa's community weekly and Carleton University's student newspaper
 - Served as Opinions Editor and Photography Editor at *Centretown News*
 - Served as Op/Ed Editor, photographer and writer at *the Charlatan*
 - *The Toronto Star, the Ottawa Citizen, Centretown News, the Glebe Report, the Charlatan* – Numerous journalistic news stories, opinion pieces, and photographs

GRANTS, HONOURS AND AWARDS

- 2008 – 2009 Agriculture and Agri-Food Canada (AAFC) Farm Level Policy (FLP) grant
- **Principal Investigator**, “The Effectiveness of Niche and Local Marketing as Agricultural Survival Strategies on the Urban Fringe”
 - Duration September 2008 to March 2009
 - Valued at \$15,000
- 2008 Ministry of Agr. and Lands (MAL); Fraser Valley Regional District (FVRD)
- **Principal Investigator**, “Blueberries, Birds and the Externalities of Control”
 - Duration September to January 2000
 - Valued at \$5,000
- 2005 – 2008 Agriculture and Agri-Food Canada (AAFC) Farm Level Policy (FLP) grant (PhD dissertation funding)
- Duration: March 2005 to March 2008
 - Valued at \$60,000
 - Helped administer grant by writing quarterly progress reports
- 2007 Agricultural Institute of Canada – Douglas McRorie Memorial Scholarship
- Valued at \$1,500

- 2006 Phillips, Hager and North Doctoral Scholarship for Research in Environmental and Resource Economics
- Valued at \$9,777
- 2003 – 2006 University of Victoria Ph.D. Fellowship
- Renewed for the three-year maximum
 - Valued at \$15,000 per annum
- 2003 Carleton University Ph.D Fellowship (declined)
- Valued at \$15,000 per annum
- 2002 Goldman School of Public Policy Scholarship (UC Berkeley)
- Valued at \$3,500 U.S.
- 2005 University of Maryland, College Park (declined)
- Scholarship for full tuition plus \$10,000 U.S. stipend per annum
- 2001 Georgetown University, Washington D.C. (declined)
- Scholarship valued at \$7,500 U.S. per annum
- 2001 Student Leaders' Colloquium
- Hosted by the Fraser Institute (Vancouver, B.C.)
 - One of twenty future leaders from across Canada
 - Participation in a weekend of discussion/debate
- 2000 Charles G. Koch Summer Fellowship (IHS, Washington, D.C.)
- One of thirty selected from an applicant pool of 500
 - Attended seminars and conferences on diverse policy topics
- 2000 British High Commission of Canada Award
- Given for writing the best student analytical piece on British politics (topic: devolution of powers to the Scottish Parliament)
- 1999 Margaret Graham Award (Carleton University)
- Given for having the highest overall average in my program (of more than 100 students) entering senior year
- 1996 – 2000 Dean's Honour List – Carleton University
- \$2,000 scholarship renewed for four years

PUBLICATIONS

Stobbe, Tracy, Geerte Cotteleer, and G. Cornelis van Kooten, "Hobby Farms and Protection of Farmland in British Columbia", University of Victoria, REPA working paper. (Submitted to the *Canadian Journal of Regional Science* in June 2008.)

Stobbe, Tracy, Alison Eagle, G. Cornelis van Kooten, and Geerte Cotteleer, "Farmland Preservation Verdicts: Rezoning Agricultural Land in British Columbia", University of Victoria, REPA working paper. (Submitted to the *Canadian Journal of Agricultural Economics* in February 2009.)

Cotteleer, Geerte, Tracy Stobbe, and G. Cornelis van Kooten “Farmland Conservation in The Netherlands and British Columbia, Canada: A Comparative Analysis Using GIS-based Hedonic Pricing Models”, forthcoming in *Multifunctional Rural Land Management: Economic and Policies*, eds Floor Brouwer and Martijn van der Heide, Earthscan, March 2009, chapter 7.

Cotteleer, Geerte, Tracy Stobbe and G. Cornelis van Kooten “Expert Opinion vs. Transaction Evidence: Using the Reilly Index to Measure Open Space Premiums in the Urban-Rural Fringe”, University of Victoria, REPA working paper.

Cotteler, Geerte, Tracy Stobbe and G. Cornelis van Kooten “Bayesian Model Averaging in the Context of Spatial Hedonic Pricing: An Application to Farmland Values” University of Victoria. (Revise and resubmit at the *Journal of Regional Science*.)

Stobbe, Tracy “The Economics and Externalities of Agricultural Land in the Urban Fringe”, PhD dissertation, University of Victoria, 2008. Available through D-space at the University of Victoria’s website.

Wates, Tracy “Exotic Species in National Parks: Managing Public Conflict”, National Park Service, United States Department of the Interior, and the Goldman School of Public Policy, University of California Berkeley, 2003.

Jones, Laura, Tracy Wates, and Liv Frederickson, *Environmental Indicators, 5th Edition*, The Fraser Institute, Vancouver, 2002.

Wates, Tracy, “Compensation and the Species at Risk Act”, *Fraser Forum*, The Fraser Institute, Vancouver, April 2002.

(1996 – 2007) Numerous articles and opinion pieces in newspapers across Canada including *The Ottawa Citizen* and *The Toronto Star*.

CONFERENCES

Western Regional Science Association (WRSA) annual meeting

- February 22nd to 25th, 2009, Napa, California
- Presented paper: “Expert Opinion vs. Transaction Evidence: Using the Reilly Index to Measure Open Space Premiums in the Urban-Rural Fringe”

BC Land Summit

- May 20th to 22nd, 2009, Whistler, BC
- Presenting paper: “The Effectiveness of Niche and Local Marketing as Agricultural Survival Strategies on the Urban Fringe”

Farm Level Policy Network, Agriculture and Agri-food Canada (AAFC) workshop meeting

- October 23rd, 2008, Ottawa, ON
- Presentation: “Agricultural Land in the Urban Fringe: Policy Implications”

Canadian Agricultural Economics Society workshop

- October 24th and 25th, 2008, Ottawa, ON
- Poster Presentation: “Agriculture in the Urban Fringe”

Canadian Economics Association (CEA) annual meeting

- June 6th to 8th, 2008, Vancouver, BC
- Presented paper: “Expert Opinion vs. Transaction Evidence: Using the Reilly Index to Measure Open Space Premiums in the Urban-Rural Fringe”

International Conference on Agricultural Policy Changes: Canada, EU and the World Trade Organization

- September 13th to 15th, 2007, Victoria, BC
- Presented paper: “Hobby Farms and Protection of Farmland in British Columbia”

Joint Annual Meeting of the Canadian Agricultural Economics Society (CAES) and the American Agricultural Economics Association (AAEA)

- July 29th to August 1st, 2007, Portland, Oregon
- Presented paper: “Hobby Farms and Protection of Farmland in British Columbia”

Understanding Relations in Nature and Economy: An Application to the Rural Countryside

- May 31st to June 2nd, 2007, Wageningen (The Netherlands)
- Presented paper: “Farmland Conservation in The Netherlands and British Columbia, Canada: A Comparative Analysis Using GIS-based Hedonic Pricing Models”

Spatial Econometrics Conference

- July 11th to 14th, 2007, Cambridge, England
- Co-author (Geerte Cotteleer) attended and presented paper “Farmland Conservation in the Netherlands and British Columbia”

Joint Annual Meetings of the Agriculture, Food and Human Values Society (AFHVS) and the Association for the Study of Food and Society (ASFS)

- May 30th to June 3rd, 2007, Victoria, BC
- Co-author (Alison Eagle) attended and presented paper “Farmland Conservation in the Urban Fringe”

Farm Level Policy research network (FLP)-AAFC-CAES joint workshop

- October, 2006, Calgary, AB
- Presentation updating the network about current research progress and directions

FLP-AAFC joint workshop

- March, 2006, Ottawa, ON
- Attended workshop (joint with all the AAFC research networks)

Canadian Resource and Environmental Economists’ (CREE) Working Group meeting

- October, 2003, Victoria, BC
- Attended conference

PUBLIC LECTURES

September 24th, 2008 in Vancouver for Mensa Canada

Lecture and discussion on agricultural land in the urban fringe

MEMBERSHIP

Canadian Agricultural Economics Society (CAES)

- Member since January 2007

Canadian Economics Association (CEA)

- Member since January 2008

Society for Teaching and Learning in Higher Education (STLHE)

- Member since July 2008

Association of Christian Economists (ACE)

- Member since April 2007

A Rocha Canada

- Conservation and environmental restoration of local landscapes
- Volunteer and member since 2004

Mensa Canada

- Member since 2001

TECHNICAL SKILLS

- MS Office (Word, PowerPoint; data management and analysis with Excel, Access)
- ArcGIS spatial analysis
- STATA, Eviews and SPSS statistical packages
- GAMS modeling program (linear programming)
- PageMaker, Quark Express, Photoshop (pagination and graphical design)
- Policy analysis of public/private issues including economics, statistics, legality and politics
- French (functional with intermediate reading comprehension), Latin
- Writing, editing, photography

OTHER ACCOMPLISHMENTS / INTERESTS

Studying classical singing

- Royal Conservatory of Music (RCM) - Grade Four voice exam with honours (June 2007); Grade Five voice exam with honours (June 2008)
- Trinity Western University masterworks choir (Fall 2008 and Spring 2009)

REFERENCES

Research / General:

Dr. G. Cornelis van Kooten (supervisor)
 Professor and Canada Research Chair
 Department of Economics
 University of Victoria
 (250) 721-8539
 kooten@uvic.ca

Dr. David Scoones
 Department Chair and Associate Professor
 Department of Economics
 University of Victoria
 (250) 721-6198
 scones@uvic.ca

Teaching:

Dr. Andrea Soberg
 Associate Dean and Associate Professor
 School of Business
 Trinity Western University
 (604) 513-2121 x3337
 andreas@twu.ca

Betty Johnson (ABD)
 Sessional Instructor
 University of Victoria
 (250) 472-1870
 bettyj@uvic.ca
**I have served as TA for six courses under her*

Dr. Nancy South
 Director, Provincial Branch
 Performance Management and
 Improvement Division
 Ministry of Health
 Sessional Instructor and former Assistant
 Professor (University of Victoria)
 (250) 952-3593
 Nancy.South@gov.bc.ca
**I have served as TA for six courses under her and also worked as a co-op student in her department in the summer of 2004*

Character:

Dr. Valerie S. Kuehne (character)
 Vice President, External Relations
 University of Victoria
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 vkuehne@uvic.ca