

RURAL ECONOMY

2006 ANNUAL REPORT



Department of Rural Economy
Faculty of Agriculture, Forestry,
and Home Economics
University of Alberta
Edmonton, Alberta, Canada

DEPARTMENT OF RURAL ECONOMY

2006 ANNUAL REPORT

Department of Rural Economy
Faculty of Agriculture, Forestry and Home Economics
University of Alberta
Edmonton, Alberta
T6G 2H1
Phone: (780) 492-4225
Fax: (780) 492-0268
www.re.ualberta.ca

May 2007

Table of Contents

Rural Economy in 2006: Taking Stock and Planning for the Future.....	4
Rural Economy Staff.....	6
Awards to Graduate Students in 2006.....	8
Awards to Staff in 2006	9
Professional Offices Held by Staff in 2006	10
Staff on Leave in 2006.....	11
Student Activities.....	11
Graduate Students Completing Programs in 2006, Thesis Topics and Supervisors	13
Graduate Students Commencing and Continuing Programs Through 2006 and Their Degree	14
Visiting Professors/Scholars	16
Visiting Speakers and their Topics	16
Overview of the Cooperative Program in Agricultural Marketing and Business	17
Rural Economy Facilities.....	17
Publications Reported in 2006	19
Refereed Publications (Journal Articles, Books and Chapters in Books).....	19
Oral Presentations and Posters.....	20
Proceedings, Abstracts and Other Items	30
Staff Papers and Research Project Reports	32
Sponsored Research in Progress as of December 31, 2006	32

Rural Economy in 2006: Taking Stock and Planning for the Future

The mission of the Department of Rural Economy of the University of Alberta is to pursue excellence in the discovery, application and dissemination of knowledge of economic, sociological and business dimensions of agriculture, food, forestry and the environment. A related focus of Rural Economy's research mission is the pursuit of public involvement to ensure relevance and effectiveness in the discovery, application and dissemination of knowledge in our areas of focus.

Rural Economy's Annual Report provides a wealth of information of the many activities, achievements and events during the preceding year. Our Annual Report is our most comprehensive means for us to communicate with our valued friends, within and outside the University of Alberta, about some of our achievements. Other information on Departmental activities, including graduate programs, courses and course descriptions, is available on our webpage (www.re.ualberta.ca) and through our regular newsletters. If you would like more information on any activities or to be put on a mailing list for newsletters or seminar notices, please don't hesitate to contact us. Full contact details are on our recently upgraded web site.

Rural Economy had an extremely productive year in 2006. Our award winning staff and students were recognized for teaching abilities, both internally and externally, for career wide contributions to professional organizations (International Association of Agricultural Economists) and for research excellence in terms of quality refereed output. Graduate students were very successful in obtaining these research awards and in obtaining scholarships. Our undergraduate students placed first in a North American Food Distribution Research Society Case Study Competition. The above highlights only some of our activities and I encourage you to read the entire report to get the complete picture.

Our faculty continue to be very successful in competitive research grant opportunities. Researchers were successful in obtaining funding from a variety of national and provincial sources to examine everything from consumer response to fat taxes to socio-economic impacts of BSE on Alberta and Canada. These projects, as well as others, reflect our response to the pressing needs for research in the agriculture, food, forest and environment from both sociology and economics perspectives. Our multi-disciplinarity continues to be a strength of our Department.

Continuing enhancements to the collections held within the Eric Berg Reading Room and to the Research Computing Lab provide enrichments to the teaching and research programs of staff and students within our Department. Both of these facilities have benefited from the success of staff in obtaining competitive grants and from the generous donations of many friends to the Department.

We were saddened by the passing of Ian Morrison, the previous Dean of the Faculty of Agriculture,

Forestry and Home Economics. Ian was a strong supporter of the Department of Rural Economy and a contributor to our academic and research activities. The Faculty of Agriculture, Forestry and Home Economics, friends and family have created the Ian Morrison Memorial Scholarship in his name and contributions can still be made c/o the Faculty of Agriculture, Forestry and Home Economics.

I wish to take the opportunity to thank the many individuals who have contributed to the achievements of the Department this year. These include staff, both academic and support, colleagues across North America who contribute to collaborative research programs and to providing input on staff promotion, evaluation and nomination for awards, and our many contributors from government and industry within Alberta who provide input on Advisory committees (e.g. Cooperative Chair in Agricultural Marketing and Business) and research and teaching collaborations.

Ellen Goddard, Chair

Rural Economy Staff

Academic Staff

Wiktor L. Adamowicz, PhD (Minnesota); Professor; Canada Research Chair, Environmental Economics, Econometrics, Forest Economics. *Graduate Coordinator (January – June)*.

Peter C. Boxall, PhD (Alberta); Professor; Resource and Environmental Economics.

Sean B. Cash, PhD (California at Berkeley); Assistant Professor; Environmental, Natural Resource, and Health Economics. *Graduate Coordinator (January – June)*.

James H. Copeland, MSc (Alberta); Faculty Service Officer; Computing and Statistical Analysis.

Debra J. Davidson, PhD (Wisconsin-Madison); Associate Professor; Natural Resource Politics and Governance, Environmental Risk, State Theory, Rural Sociology.

Chokri Dridi, PhD (Illinois at Urbana-Champaign); Assistant Professor; Environmental and Resource Economics, Industrial Organization, Mathematical Economics.

Ellen W. Goddard, PhD (La Trobe, Australia); Professor, Chair and Cooperative Chair; Agricultural Marketing and Business. Program Leader, Consumer and Market Demand Policy Research Networks, Agriculture and Agri-Food Canada

Cindy G. Jardine, PhD (Alberta); Assistant Professor; Environmental Health Risk Communication, Risk Perception and Risk Assessment.

Scott R. Jeffrey, PhD (Minnesota); Professor; Production Economics, Agricultural Business Management. *Graduate Coordinator (as of July 1)*.

Naomi T. Krogman, PhD (Colorado State); Associate Professor; Sociology of Natural Resources, International Development, Gender. *Graduate Coordinator (as of July 1)*.

Martin K. Luckert, PhD (British Columbia); Professor; Forest Economics, Natural Resource Economics.

Tomas Nilsson, PhD (Purdue); Assistant Professor; Agribusiness, Agricultural Marketing, Industrial Organization.

Brenda L. Parlee, PhD (Manitoba); Assistant Professor, Canada Research Chair; Social Responses to Ecological Change.

Bodo E. Steiner, PhD (Reading); Assistant Professor; Agribusiness, Economics of Contracts.

Jim R. Unterschultz, PhD (Alberta); Associate Professor; Agribusiness, Finance and Marketing, Program Leader, Farm Level Policy Research Networks, Agriculture and Agri-Food Canada.

Michele M. Veeman, PhD (California at Berkeley); Professor; Markets, Policy, Trade. **(Until June 30, 2006; Professor Emerita thereafter)**

Associated Academic Staff

Michael Broadway, PhD (Illinois); Adjunct Professor, Geography, Rural Studies.

Grant K. Hauer, PhD (Minnesota); Adjunct Professor; Resources & Environmental Economics, Trade.

Harvey J. Krahn, PhD (Alberta); Adjunct Professor; Social Structure and Social Policy.

Mel L. Lerohl, PhD (Michigan State); Professor Emeritus; Agricultural Policy and Trade.

Bonnie L. McFarlane, PhD (Alberta); Adjunct Professor; Forest Social Science.

Robin Naidoo, PhD (Alberta); Adjunct Professor; Economics, Conservation Biology.

Desmond W. Ng, PhD (Illinois at Urbana-Champaign); Adjunct Professor; Agribusiness Management and Strategy, Business Strategy.

John R. Parkins, PhD (Alberta); Adjunct Professor; Adjunct Professor, Determinants of health and well-being in resource-based communities, Deliberative approaches to ecosystem management, Social risk assessment and civic science.

Frank J. Tough, PhD (York); Adjunct Professor; Aboriginal Natural Resource Management.

Michele M. Veeman, PhD (California at Berkeley); Professor Emerita; Markets, Policy, Trade **(as of July 1, 2006)**

Terry S. Veeman, PhD (California at Berkeley); Professor Emeritus; International Development, Resource and Environmental Economics.

Marian L. Weber, PhD (Alberta); Adjunct Professor, Forest Economics.

William A. White, PhD (Simon Fraser); Adjunct Professor (Canadian Forest Service); Forest Economics.

Support Staff

Judy Boucher, Communication Coordinator
Sarah Fatemi, Department and Financial
Administrator
Robin McClelland, Graduate Student Service
Coordinator
Randy Page, LAN Administrator
Dawn Zrobok, Reading Room Supervisor

Contract Support Staff

Trevor Ackerman, Technical Assistant
Lucille Murdoch, APRN Networks Financial
Admin.

Sessional Lecturers and Research Fellows

Henry Dakurah, Research Associate
Grant Hauer, Research Associate
Emmanuel Laate, Research Associate
Orsolya Perger, Research Associate
Dmitriy Volinskiy, Post Doctoral Fellow

Awards to Graduate Students in 2006

Name	Award
Anderson, Jay	<ul style="list-style-type: none"> • Walter H. Johns Graduate Fellowship • SSHRC Doctoral Fellowship
Arnot, Chris	<ul style="list-style-type: none"> • Alberta Minister of Advanced Education Graduate Student Scholarship
Belanger, Clotilde	<ul style="list-style-type: none"> • Alberta Minister of Advanced Education Graduate Student Scholarship • Douglas McRorie Memorial Scholarship
Boyd, Curtis	<ul style="list-style-type: none"> • BJ McBain Scholarship • John Proskie Memorial Scholarship
Caine, Ken	<ul style="list-style-type: none"> • Walter H. Johns Graduate Fellowship • Izaak Walton Killam Memorial Scholarship • Trudeau Foundation Scholarship
Christensen, Lisa	<ul style="list-style-type: none"> • Alberta Minister of Advanced Education Graduate Student Scholarship • C/BAR Grant Award • Northern Scientific Training Program • Mary Louise Imrie Graduate Student Award
Cortus, Brett	<ul style="list-style-type: none"> • American Agricultural Economics Association Master's Thesis Award – Honorable Mention
Dai, Yingchun	<ul style="list-style-type: none"> • T.W. Manning Book Prize
Danso, George	<ul style="list-style-type: none"> • Rogers Sugar Ltd Scholarship
Ding, Yulian	<ul style="list-style-type: none"> • T.W. Manning Book Prize
Gao, Gloria	<ul style="list-style-type: none"> • Food Distribution Research Society William Applebaum Memorial Scholarship for an Outstanding MSc Thesis
Goodman, Vanessa	<ul style="list-style-type: none"> • Queen Elizabeth II Master's Scholarship • Douglas McRorie Memorial Scholarship • Alberta Agricultural Economics Association
Habteyonas, Michael	<ul style="list-style-type: none"> • Mary Louise Imrie Graduate Student Award
Hailu, Getu	<ul style="list-style-type: none"> • Food Distribution Research Society William Applebaum Memorial Scholarship for an Outstanding PhD Dissertation
Hu, Wanjing	<ul style="list-style-type: none"> • FS Chia PhD Scholarship
Huang, Wenzhao	<ul style="list-style-type: none"> • Cooperative Chair Studentship in Agricultural Marketing and Business
Koeckhoven, Steve	<ul style="list-style-type: none"> • BJ McBain Scholarship • John Proskie Memorial Scholarship
Laidlaw, Victoria	<ul style="list-style-type: none"> • C/BAR Grant Award • Mary Louise Imrie Graduate Student Award • Queen Elizabeth II Graduate Scholarship – Master's Level
Lan, Kevin	<ul style="list-style-type: none"> • Mary Louise Imrie Graduate Student Award

Macklin, Patricia	<ul style="list-style-type: none"> • SSHRC Master's Scholarship • T.W. Manning Book Prize
Mannix, Amy	<ul style="list-style-type: none"> • U of A Master's Scholarship
Mather, Steven	<ul style="list-style-type: none"> • Provost Doctoral Entrance Award
McCarney, Geoffrey	<ul style="list-style-type: none"> • Murray and Pauline Hawkins Research Bursary
Muralidharan, Vijay	<ul style="list-style-type: none"> • Mary Louise Imrie Graduate Student Award
Olmos, Santiago	<ul style="list-style-type: none"> • C/BAR Grant Award
Parker, Leanna	<ul style="list-style-type: none"> • Mary Louise Imrie Graduate Student Award • Walter H. Johns Graduate Fellowship • SSHR Doctoral Scholarship
Spyce, Amanda	<ul style="list-style-type: none"> • Mary Louise Imrie Graduate Student Award
Stewart, Bryce	<ul style="list-style-type: none"> • Douglas McRorie Memorial Scholarship
Sverrisson, Dadi	<ul style="list-style-type: none"> • T.W. Manning Book Prize
Wilson, Laure	<ul style="list-style-type: none"> • Al Brennan Memorial Graduate Scholarship in Forestry
Zhang, Jing	<ul style="list-style-type: none"> • J Gordin Kaplan Graduate Student Award • Izaak Walton Killam Memorial Scholarship

Awards to Staff in 2006

Wiktor Adamowicz, University of Alberta, 2005-2006 Teaching Wall of Fame Award (Faculty of Agriculture, Forestry and Home Economics).

Peter Boxall, University of Alberta, 2005-2006 Killam Annual Professor Award.

Sean Cash, National Association of Colleges and Teachers of Agriculture Teaching Award of Merit, 2006. University of Alberta, 2005-2006 Teaching Wall of Fame Award (Faculty of Agriculture, Forestry and Home Economics).

Debra Davidson, University of Alberta, 2005-2006 Teaching Wall of Fame Award (Faculty of Agriculture, Forestry and Home Economics).

Jim Unterschultz, Award for best paper of the 7th international conference on Management in Agrifood Chains and Networks. Awarded for peer reviewed paper: Ng, D.W., J. Unterschultz and E. Laate. 2006. "The performance of relational ties: A functional approach in the biotechnology industry." *Journal on Chain and Network Science* May/June 6(1): 9-20.

Michele Veeman, selected as Honorary Life Member, International Association of Agricultural Economists.

Michele Veeman and Wiktor Adamowicz, co-authors (with W. Hu) of the Canadian Journal of Agricultural Economics Outstanding Journal Article Award for 2005 (Hu, W., M.M. Veeman, and

W.L. Adamowicz. 2005. "Labelling genetically modified food: Heterogeneous consumer preferences and the value of information." *Canadian Journal of Agricultural Economics* 53 (1): 83-102).

Professional Offices Held by Staff in 2006

Wiktor (Vic) Adamowicz. Board of Directors, Alberta Forestry Research Institute. President 2006, Canadian Agricultural Economics Society. Editorial Board, Journal of Forest Economics. Member, Board of Directors, CABREE. Guest Editor, Environmental and Resource Economics for a special issue on Environment Valuation Methods.

Peter Boxall. Chair, Agriculture and Agri-Food Canada's Agri-Environmental Valuation Expert Advisory Committee. Co-Editor, Canadian Journal of Agricultural Economics.

Sean Cash. President, Alberta Agricultural Economics Association. Councillor, Executive Committee, Canadian Agricultural Economics Society. Steering Committee Member and Research Committee Chair, Growing Food Security Alberta.

Ellen Goddard. Elected President, Canadian Association for Studies in Cooperation 2006-2007.

Cindy Jardine. Director, Western Node, Network for Environmental Risk Assessment and Management, University of Waterloo. Member, National Advisory Panel on Responsible Care® for the Canadian Chemical Producers Association. Member, Operations Committee, and Guest member, Steering Committee, Wabamun and Area Community Exposure and Health Effects Assessment Program, Capital Health. Adjunct Professor, Centre for Health Promotion Studies and Department of Human Ecology.

Scott Jeffrey. Co-Editor, Canadian Journal of Agricultural Economics.

Naomi Krogman. Chair Membership Committee, Executive Council Member, Rural Sociological Society. Member of the Scientific Steering Committee, International Symposium of Society and Natural Resources (ISSRM) for 2007 Conference in Park City, UT. ISSRM Council Member, rotated off June 2006.

Martin Luckert. Member, Expert Panel, Alberta Tenure Advisory Committee. Member, Expert Panel, Yukon Tenure Advisory Committee. Member, Workshop committee, Economics of Fire Management in Cape York, Australia. Member, CSIRO Market Based Instruments Advisory Committee. Advisor, International Foundation of Science. Management Team, Tenure Design. Canadian Director, CCLF forest outgrower Project. Member, SANREM Forest decentralization steering committee. Resource Person, Poverty and Environmental Network (PEN). Research Associate, Center for International Forestry Research (CIFOR).

Bodo Steiner. Member, Executive committee, Alberta Agricultural Economics Association. Research Fellow, Rural Development Research Consortium, University of California, Berkeley.

James Unterschultz. Co-Editor, Canadian Journal of Agricultural Economics.

Michele Veeman. Member, Board of Trustees, International Food Policy Research Institute (a research center of the Consultative Group in International Agricultural Research (2006-2009)). Member, Roster of Panelists relative to Dispute Hearings under the Agreement on Internal Trade. Alternate member, National Board of the Canadian Egg Marketing Agency. Member, Statistics Canada

Advisory Committee on Agricultural Statistics. Member, Editorial Council for Estey Centre Journal of Law and Economics.

Terry Veeman. Chair, Research Planning Committee, Sustainable Forest Management Network of Centres of Excellence and member, Program Planning Committee SFM Network 2006 Conference. Director, International Association of Agricultural Economists - Canadian Chapter, and IAAE representative on the Executive of the Canadian Agricultural Economics Society. Director, Canadian Water Resources Association - Alberta Branch and Member CWRA--Alberta Chapter 2006 Conference Planning Committee. Member, Board of Examiners, Alberta Institute of Agrologists. Chair, Alberta Institute of Agrologists 2006 Provincial Conference Planning Committee. Member, C-CIARN (Canadian Climate Impacts and Adaptation Research Network) Forest Sector Advisory Committee.

Staff on Leave in 2006

Naomi Krogman, July 1, 2005 to June 30, 2006. (Conducting research in 1. Social impacts of industrial development and the role of democratic processes in resource development decisions and 2. Participatory research methods in a lesser developed country context and learn about the interplay between rural pastoral livelihoods and health).

Martin Luckert, January 1, 2006 to December 31, 2006. (Conducting research to broaden research programme to investigate issues in aboriginal land management in Australia and to reinvigorate work in developing countries. Spent a year based at Charles Darwin University (CDU) in Darwin Australia with frequent trips to the Centre for International Forestry Research (CIFOR) in Indonesia.)

Scott Jeffrey, July 1, 2005 to June 30, 2006. (Conducting research at Alberta Agriculture, Food and Rural Development with individuals in the Economics and Competitive Division and the Economics Unit in Edmonton and the Business Management Innovations Branch in Olds, Alberta.

Student Activities

The Department of Rural Economy, Faculty of Agriculture, Forestry and Home Economics is proud of our students who participated in various undergraduate and graduate student competitions. Several Rural Economy Undergraduate Students were award recipients at the Bar None Alumni Awards Dinner, November 19, 2006. These include:

Brenda Campbell - The Frank M. Jacobs Bar None Award
Diana Fordice - Bar None Undergraduate Leadership Award
Jason Forster - The Laverne Lewis Bar None Award in Agriculture
Rosalyn Heller - The Class of 1950 Bar None Award - 2nd Year Student
Julie Hodgson - Bar None Undergraduate Leadership Award
Erin Hopley - The Len Bauer Bar None Undergraduate Leadership Scholarship
Vu Ly - Bar None Entrance Leadership Scholarship
Brian Markert - The Ellen and Petrus Berg Family Bar None Award
Becky McCorkle - The Dr. Karl Ivarson Bar None Undergraduate Leadership Scholarship
Grey Nichiporik - The John and Mary Lockhart "This Business of Farming" Bar None Award
Justin Weiss - The Ken and Lorraine Taylor and Family Bar None Leadership Award

A team of undergraduate students from Rural Economy went to Quebec City, October 14-17, 2006 to participate in the Seventh Annual Food Distribution Research Society Undergraduate Case Study Competition. The live case was sponsored by Sobey's Canada and was based on a timely strategy issue of a Quebec hothouse tomato producer called Les Serres du St-Laurent Inc. The company is currently the largest branded hothouse tomato producer in Quebec and has achieved 70% brand notoriety in the province for their Savoura brand tomato. The Savoura brand has been threatened as of late by new nationally branded tomato competition in the province and Les Serres du St-Laurent Inc. was seeking new strategies to mitigate the new tomato competition issue. The team of James Benkie, Cheryl Davie, Brian Markert, Ashley Pearson and Ameer Persson continued the U of A's sequence of strong performances at this annual event by placing first with their marketing strategy titled: "Savoura: Creating Market Pull."

A number of students participated in the Undergraduate Competitions at the American Agricultural Economics Association Annual Meeting held in Long Beach, California from July 23-26, 2006. Dana Harper received second place for her paper titled: An analysis of the decline in hunting participation in Alberta. Curtis Boyd received third place for his paper title: 'Eggsactly' What attributes drive consumer egg purchases? Kendra Isaac received fifth place for her paper title: Drive-thru emission: An examination of vehicle drive-thru idling in the city of Edmonton. The graduate student team of Cheryl Davie, Vanessa Goodman and Wanjing Hu received second place for their case study presentation: Sun-Maid: Co-operative value.

Nicholas Arrand was awarded the Undergraduate Book Prize given to an outstanding undergraduate student in agricultural economics, farm management or a closely related field of study by the Canadian Agricultural Economics Society in Montreal, Quebec on May 26, 2006. Nicholas is a 4th year student in the BSc Agricultural/Food Business Management program, majoring in Food Business Management.

Numerous graduate and undergraduate students attended and presented posters at the Alberta Agricultural Economics Association Visions 2006 Conference "Agriculture's Expanding Future" on May 4 and 5, 2006 in Red Deer. Conference attendees voted for the best undergraduate and graduate student posters. The award winners in the Undergraduate Student Poster category were:

1st Place - Curtis Boyd, Jocelyn Howery, Kendra Isaac and Jody Gobert. "Double-double Those Emissions: A Case Study of an Edmonton Tim Horton's Facility."

2nd Place - Greg Nichiporik, Chuck Schwanbeck and James Benkie. "Cows in my Kenworth? A Financial Feasibility of Biodiesel Production in Western Canada."

Honorable Mention - Dana Harper. "An Analysis of the Decline in Hunting Participation in Alberta."

The award winners in the Graduate Student Poster category were:

1st Place - Clotilde Belanger. "How Much are Consumers Willing to Pay to Avoid Trans Fat?"

2nd Place - Vijay Muralidharan and Lisa Annett (with Peter Boxall, Sean Cash, and Wendy Wismer, supervisors) "Effects of Information and Taste Evaluation on Consumers' WTP for Organic Wheat Bread."

Honorable Mentions - Lola Lawrence (with Ellen Goddard, supervisor) "Are Health Scares Really Scary? A Case of Bird Flu Outbreak in Developing Countries." Gabriel John (with Ellen Goddard, supervisor) "Price Spread and Structural Break in the Beef Industry: Pre and Post BSE."

Several undergraduate students participated in the 2006 Business Planning Award sponsored by Farm Credit Canada. A panel of four judges - Scott Ingledew (Serecon Consulting), Jolene Ali (private industry), Tomas Nilsson (U of A) and Bodo Steiner (U of A) - had the difficult task of choosing the

winning teams.

The first prize went to Brian Markert, Joel Conrad and Jesse Cole for a business plan on biofuel, made from rained on timothy hay. Solid financials and an innovative approach to promoting their hay pellets to small and medium sized enterprises made their business plan a winning formula. The second prize went to Cara Taylor, Chuck Schwanbeck, James Benkie, John Chibuk and Kelly Hays for their innovative business plan for a biodiesel production company in Alberta. Using low-cost animal fat, the students made a strong case for a biodiesel provider to commercial fleets and transit services in Canada and the U.S. The third prize was awarded to Melissa Reinhardt and Gerda Hijlkema for a business plan that looked into developing a value added meat processing plant in Alberta. The students aimed to establish a distinguishing brand name for beef jerky, fresh and cooked sausage, and hotdogs from Alberta.

Brett Cortus posthumously received one of two honorable mentions in the Master Thesis Award category from the American Agricultural Economics Association for this thesis titled: "The Economics of Wetland Drainage: A Case Study in Canada's Prairie Pothole Region." (Supervisor: S. Jeffrey).

Gloria Gao received the 2006 Food Distribution Research Society William Applebaum Memorial Scholarship for an Outstanding MSc Thesis for her thesis titled: "Consumer Behaviour: Who Seeks Information about Genetically Modified Foods?" (Supervisor: M. Veeman and W. Adamowicz).

Getu Hailu received the 2006 Food Distribution Research Society William Applebaum Memorial Scholarship for an Outstanding PhD Dissertation for his thesis titled: "Principal-Agent Problems and Capital Constraints in Canadian Agribusiness Supply and Marketing Co-operatives." (Supervisor: S. Jeffrey and E. Goddard).

In view of the number of activities that staff and students are involved in and the extent of competition for theses and publications, the awards listed above indicate that all those involved have had a very productive year. Congratulations!

Graduate Students Completing Programs in 2006, Thesis Topics and Supervisors

Arai, Yuki. Impacts of Resource Development on Traditional Land Use and Traditional Ecological Knowledge of the Alexis Nakota Sioux Nation. M.Sc. (Davidson)

Emunu, John Paul. Purchasing Patterns of Nutritionally Enhanced and Value Added Foods: The Case of the Alberta Shell Egg Industry. M.Sc. (Boxall/Goddard)

Gao, Fei. Accessing the Consumer Acceptance and Market Potential of Alberta Bison Meat. M.Sc. (Steiner)

Glover, Freda. Canadian Agricultural Marketing Co-operatives: Does Regulatory Environment Affect Performance? M.Sc. (Goddard)

Javier, Esmyra. Incorporating Aboriginal Peoples' Values into Measures of Economic Sustainability: The Case of the Heart Lake First Nation. M.Sc. (Adamowicz)

Jegade, Oyebola. Discrete Choice Analysis of Determinants of Membership and Patronage of Co-operatives in Alberta. M.Ag. (Goddard)

Laate, Emmanuel. Valuing Ag-Biotech Projects Via Real Options. M.Sc. (Unterschultz)

- Lan, Kevin (Xin). Formal Beef Alliances and Alignment Problems in Canadian Beef Industry. (Steiner/Underschultz)
- McCarney, Geoffrey. Management Decisions in the Boreal Forest Considering Timber and Carbon Market Incentives. M.Sc. (Adamowicz)
- Mendoza Gutierrez, Gustavo Adolfo. Demand for water in Queretaro, Mexico: A study of the preferences for water supply improvements. M.Sc. (Cash/Adamowicz)
- Moyo, Sibongile. Income Diversification, Water Access and Household Welfare in Rural Zimbabwe. Ph.D. (Luckert/M. Veeman)
- Muralidharan, Vijay. The Role of Sensory Attributes and Information on the Willingness to Pay for Organic Wheat Bread. M.Sc. (Boxall/Cash)
- Rausch, Michael. The Development of Fire-Induced Damage Functions for Forest Recreation Activity. M.Sc. (Boxall)
- Spyce, Amanda. Modelling Inter-temporal Development Preferences: A Case Study in the Southeast Yukon. M.Sc. (Adamowicz/Weber)
- Stewart, Bryce. Productivity Growth in Prairie Agriculture. M.Sc. (T. Veeman/Underschultz)
- Tao, Shiyi. Analyzing Canadian Public Preferences for Plan Molecular Farming Research Priorities. M.Sc. (M. Veeman/Adamowicz)
- Yu, Deng. Investment Decision Analysis of Alberta Cattle Industry: A Real Options Approach. M.Sc. (Underschultz)
- Zindi, Christopher. Household Behaviour Models of Smallholder Agricultural Producers in Zimbabwe: A Risk Programming Approach. Ph.D. (Jeffrey/Luckert)

Graduate Students Commencing and Continuing Programs Through 2006 and Their Degree

- Allen, Trena, MSc in Rural Sociology
- Amoroso, Ximena, MSc in Agricultural and Resource Economics
- Anderson, Jay, PhD in Forest Economics
- Arnot, Christopher, MSc in Agricultural and Resource Economics
- Asselin, André, MSc in Agricultural and Resource Economics
- Beaunom, Wendy, MSc in Agricultural and Resource Economics
- Belanger, Clotilde, MSc in Agricultural and Resource Economics
- Boadu, Abena, MSc in Agricultural and Resource Economics
- Bogdan, Eva, MSc in Rural Sociology
- Boyd, Amanda, MSc in Rural Sociology
- Boyd, Curtis, MSc in Agricultural and Resource Economics
- Broni, Emmanuel, MSc in Agricultural and Resource Economics
- Caine, Kenneth, PhD in Rural Sociology
- Chand, Umesh, MSc in Agricultural and Resource Economics
- Christensen, Lisa, MSc in Rural Sociology

Dacyk, Amanda, MSc in Agricultural and Resource Economics
Dai, Yingchun, PhD in Agricultural and Resource Economics
Danso, George, PhD in Agricultural and Resource Economics
Davie, Cheryl, MBA/MAG
Ding, Yulian, PhD in Agricultural and Resource Economics
Draganiuk, Lynne, MSc in Agricultural and Resource Economics
Fernando, Jeewani, PhD in Agricultural and Resource Economics
Geda, Tsedale, PhD in Rural Sociology
Geertsema, Karen, MSc in Rural Sociology
Goodman, Vanessa, MBA/MAG
Habteyonas, Michael, PhD in Agricultural and Resource Economics
Hangula, Martha, MSc in Agricultural and Resource Economics
Hu, Wanjing, PhD in Agricultural and Resource Economics
Huang, Wenzhao, PhD in Agricultural and Resource Economics
Iniguez, Christian, PhD in Agricultural and Resource Economics
Isaac, Kendra, MSc in Rural Sociology
John, Gabriel, MSc in Agricultural and Resource Economics
Jonasi, Lorraine, PhD in Agricultural and Resource Economics
Joubert, Brian, MSc in Rural Sociology
Keshavarz, Massomeh, MSc in Agricultural and Resource Economics
Koeckhoven, Steve, MSc in Agricultural and Resource Economics
Kruger, Christopher, MSc in Forest Economics
Lacanihao, Ryan, MSc in Agricultural and Resource Economics
Laidlaw, Victoria, MSc in Agricultural and Resource Economics
Lawrence, Lola, MSc in Agricultural and Resource Economics
Lee, Gordon, PhD in Agricultural and Resource Economics
Li, Yu, MSc in Agricultural and Resource Economics
Lu, Rong, MSc in Agricultural and Resource Economics
Macklin, Patricia, MSc in Rural Sociology
Mannix, Amy, MSc in Agricultural and Resource Economics
Mather, Steven, PhD in Rural Sociology
Olmos, Santiago, PhD in Rural Sociology
Omosa, Eileen, PhD in Rural Sociology
Parker, Leanna, PhD in Rural Sociology
Politylo, Bryn, MSc in Rural Sociology
Pridham, Gaylene, PhD in Rural Sociology
Prpic, Milan, MBA/MAG
Robertson, Susan, PhD in Agricultural and Resource Economics
Rutakumwa, William, PhD in Rural Sociology
Salokangas, Raila, MSc in Rural Sociology
Schaufele, Brandon, PhD in Agricultural and Resource Economics
Schram, Craig, MSc in Agricultural and Resource Economics
Solano Rivera, Catalina, MSc in Agricultural and Resource Economics
Spyce, Tera, MSc in Rural Sociology
Sverrisson, Dadi, MSc in Agricultural and Resource Economics
Vickers, Angele, MSc in Agricultural and Resource Economics
Wilson, Laure, MSc in Forest Economics
Wray, Kristine, MSc in Rural Sociology
Yang, Jun, PhD in Agricultural and Resource Economics
Zhang, Jing, PhD in Agricultural and Resource Economics
Zimmer, Natalie, MSc in Agricultural and Resource Economics

Visiting Professors/Scholars

Dr. Michael Broadway, Head and Professor of the Department of Geography, Northern Michigan University. Fulbright Research Chair, Jan – June 2006.

Dr. Leigh Maynard, Associate Professor, Agricultural Marketing and Applied Economics, University of Kentucky, Sabbatical, July – December, 2006.

Visiting Speakers and their Topics

Anders, S. Post Doctoral Fellow, Department of Resource Economics, University of Massachusetts. “Economics of Regional-Origin Labeling for Beef: A Segmented Markets Model with Quality Control.” August 28, 2006.

Becker, N. Head, Department of Economics and Management, Tel-Hai College, Upper Galilee, Israel. “Using Valuation Methods for Natural Resource Pricing and Management: A Case Study in Israel.” September 11, 2006.

Berkes, F. Professor and Canada Research Chair, Natural Resources Institute, University of Manitoba. “Why Combine Adaptive Management and Co-Management?” October 17, 2006.

Bhandari, P. Research Assistant, Department of Agricultural Economics and Rural Sociology, Pennsylvania State University. “Demographic, Socioeconomic and Neighborhood Contextual Factors Affecting Agricultural Technology Use in Nepal.” November 24, 2006.

Broadway, M. Professor and Head, Department of Geography, Northern Michigan University. “The Border Closure, BSE and BARRHEAD.” October 19, 2006.

Cafiero, C. Assistant Professor, Department of Agricultural Economics and Policy, University of Naples. “Risk and Vulnerability Considerations in Poverty Analysis: A Short Note on Recent Advances and Research Directions.” October 12, 2006.

Devadoss, S. Professor, Department of Agricultural Economics, University of Idaho, Moscow. “Is There an End to U.S.-Canadian Softwood Lumber Disputes?”

Dillon, C. Professor, Department of Agricultural Economics, University of Kentucky. “An Economic Optimization Model for Management Zone Delineation.” March 9, 2006.

Grant, J. PhD Candidate, Department of Agricultural Economics, Purdue University. “Liberalizing Agricultural Trade Policy in the Doha Development Agenda.” September 21, 2006.

Hall, D. Animal Health Economics and Livestock Policy. “The Economic Impact of Avian Influenza in Cambodia and Vietnam: Analysis and Public Health Policy Implications.” September 26, 2006.

Knight, A. Visiting Assistant Professor, Food Safety Policy Center, Michigan State University. “Biotechnology, Industrial Agriculture, and the Risk Society.” November 29, 2006.

Kokelj, S. Permafrost Scientist, Department of Indian and Northern Affairs. “Environmental Variability and Northern Resource Management, Mackenzie Delta Region, Northwest Territories.

December 6, 2006.

Mascarenhas, M. Post Doctor Fellow, Department of Sociology, Kwantlen University College, Surrey, BC. "Forcing the Rural Divide: A Sociological Perspective on Environmental Justice at the Margins." January 11, 2007.

O'Reilly, K. Executive Director, Independent Environmental Monitoring Agency. "Resource Management Decision-Making in Canada's North - Where Are We Going?" September 27, 2006.

Rude, J. Assistant Professor, Department of Agribusiness and Agricultural Economics, University of Manitoba. "An Analysis of a Rules Based Approach to Disciplining Export Credits in Agriculture." August 30, 2006.

Trant, M. and V. Mitura, Analysis and Development, Statistics Canada. "The Agriculture Division's University Research Partnership Program." February 1, 2006.

von Haefen, R. Assistant Professor, Department of Agriculture & Resource Economics, North Carolina State University. "Distributional and Efficiency Impacts of U.S. Gasoline Taxes: An Econometrically-Based Multi-Market Study." May 2, 2006.

Overview of the Cooperative Program in Agricultural Marketing and Business

The Cooperative Program in Agricultural Marketing and Business was created by industry funding in the late 1980's. The broad purposes of the program are to conduct research, extension and teaching in the areas of agricultural marketing and business. The focus is on issues related to group activities whether these be for cooperatives or other organizations.

The Co-operative Program did not have an Annual Symposium this year but did continue to maintain a focus on research output. The Program had three Masters students complete, Freda Glover, John Paul Emunu and Oybola Jegede. These students all completed research projects of interest to the original funders of the program; a comparison of economic efficiency across agricultural marketing co-operative sectors, public understanding of co-operatives in Alberta, and the market for highly differentiated egg products within Canada. Continuing PhD and Masters students are undertaking research on changing ownership in the grain handling sector, economic game playing among co-operatives, non-co-operatives and government in the processed food industry, potential effects of trans-fats regulation on the oilseed and dairy sectors.

Students working in the Cooperative Program were well represented in various national and international professional meetings throughout the year. Students presented at the Canadian Association for Studies in Co-operation annual meeting, the Canadian Agricultural Economics Society annual meeting, and the American Agricultural Economics Association meetings and produced publications in various journals.

Rural Economy Facilities

The Rural Economy Reading Room continues to be a valuable resource for the department and is well-used by students. The scope of the collection includes, in addition to the traditional areas of agricultural and resource economics, forest economics and rural sociology, related material on agroforestry, environmental economics, and resource sociology.

The Rural Economy Graduate Computing Laboratory was expanded in 2003 to a 13 work station research facility. There are three types of workstations in the computing lab, designed for different types of work.

The most sophisticated machines in the lab are designed for computationally intensive operations such as number crunching with large data sets. These machines are dual processor, dual monitor machines with lots of memory and large hard disk drives. This allows students to work with very large data sets in an efficient manner without taxing network bandwidth. There are four of these in the lab. These machines also have the linux operating system installed for use by students who may need development tools and other packages that windows does not provide. These machines have the ArcGIS software suite installed for simple access to GIS functionality. Additional and more comprehensive access to GIS is available through the SIS Lab.

The next class of machines in the lab are high end workstations that are suitable for graphics manipulation and medium duty number crunching. They are single processor machines with a single monitor and large hard drives. There are five of these machines. The last types of machine available are a group of four lower end workstations that are used for general purpose email and word processing. These are the next machines scheduled for replacement.

In addition to the Graduate Computing Lab, each of the grad student offices is equipped with a workstation that contains the same software as the lab machines. These are medium performance workstations that are suitable for word processing, simple data analysis, internet access, etc.

The department also has the ability to conduct online surveys, via a dedicated, web based survey system which makes heavy use of open source software to provide a simple, robust mechanism for design of surveys and simple, easy access to the recorded data. There are also several portable versions of this survey setup, allowing the conduct of mobile surveys using a variety of input devices such as laptops, tablet PC's and embedded touch screen devices.

The departmental file server has recently been replaced with a state of the art machine to provide increased performance and storage capacity.

Publications Reported in 2006

Refereed Publications (Journal Articles, Books and Chapters in Books)

- Adamowicz, W., W.M. Hanemann, J. Swait, F.R. Johnson, D. Layton, M. Regenwetter, T. Reimer, and R. Sorkin. 2005. "Decision strategy and structure in households: A "Groups" perspective." *Marketing Letters* 16(3/4):387-399.
- Arnot, C., P.C. Boxall, and S. Cash. 2006. "Do ethical consumers care about price? A revealed preference analysis of fair trade coffee purchases." *Canadian Journal of Agricultural Economics* 54:555-565.
- Bateman, I., W. Yang, and P.C. Boxall. 2006. "Geographical information systems (GIS) and spatial analysis in resource and environmental economics." In: *The International Yearbook of Environmental and Resource Economics 2006/2007*. T. Tietenberg and H. Folmer (editors). Edward Elgar Publishing, pp 43-92.
- Brody, S.D., S.B. Cash, J. Dyke, and S. Thornton. 2006. "Motivations for the forest industry to participate in collaborative ecosystem management initiatives." *Forest Policy and Economics* 8:123 - 134.
- Burton, P.J., C. Messier, W.L. Adamowicz and T. Kuuluvainen. 2006. "Sustainable management of Canada's boreal forests: Progress and prospects." *Ecoscience* 13(2):234-248.
- Campbell, B.M., I.J. Gordon, M.K. Luckert, L. Petheram, and S. Vetter. 2006. "In search of optimal stocking regimes in semi-arid grazing lands: One size does not fit all." *Ecological Economics* 60:75-80.
- Cash, S.B., E.W. Goddard, and M. Lerohl. 2006. "Canadian health and food: The links between policy, consumers and industry." *Canadian Journal of Agricultural Economics* 54:605 - 629.
- Cash, S.B., D.L. Sunding, and D. Zilberman. 2005. "Fat taxes and thin subsidies: Prices, diet, and health outcomes." *Acta Agriculturae Scandinavica. Section C, Economy* 2:167-174.
- Cash, S.B., E.W. Goddard, (W.L. Adamowicz, T.J. Beatty, S. Clark, J.A.L. Cranfield, W. Hu, B. Larue, M.L. Lerohl, M.M. Veeman and M. Zafiriou). 2006. "New directions in consumer behaviour research." *Current Agriculture, Food And Resource Issues* 7:56-65.
- Cecchini, K., J. Guilhoto, G. Hewings and C. Dridi. 2006 "The Brazilian automotive industry in the nineties." *Latin American Business Review* 7(3/4):121-151.
- Dosman, D. and W. Adamowicz. 2006. "Combining stated and revealed preference data to construct an empirical examination of intrahousehold bargaining." *Review of Economics of the Household* 4:15-34.
- Foote, L and N. Krogman. 2006. "Wetlands in Canada's boreal forest: Agents of change." *Forestry Chronicle* 82(6):825-833.
- Hailu, G., S. Jeffrey and E. Goddard. 2007. "Efficiency, economic performance and financial leverage of agribusiness marketing co-operatives in Canada." *Advances in the Economic Analysis of Participatory and Labor-Managed Firms* 10:47-80.
- Hu, W., W.L. Adamowicz and M.M. Veeman. 2006. "Labeling context and reference point effects in models of food attribute demand." *American Journal of Agricultural Economics* 88(4):1034-1049.

- Hu, W., M.M. Veeman, W.L. Adamowicz and G. Gao. 2006. "Consumers' food choices with voluntary access to genetic modification information." *Canadian Journal of Agricultural Economics* 54(4):585-604.
- Itaoka, K, A. Saito, A. Krupnick, W. Adamowicz and T. Taniguchi. 2006. "The effect of risk characteristics on willingness to pay for mortality risk reductions from electric power generation." *Environmental and Resource Economics* 33: 371-398.
- Luckert, M.K. 2006. "Has the myth of the omnipotent forester become the reality of the impotent forester?" *Journal of Forestry* 104(6):299-306.
- Naidoo, R. and W. Adamowicz. 2006. "Modeling opportunity costs of conservation in transitional landscapes." *Conservation Biology* 20:490-500.
- Neumann, P., H. Krahn, N. Krogman and B. Thomas. 2007. "My grandfather would roll over in his grave: Public perceptions of poplar plantations." *Rural Sociology* 72(1):111-135.
- Ng, D.W., J. Unterschultz and E. Laate. 2006. "The performance of relational ties: A functional approach in the biotechnology industry." *Journal on Chain and Network Science* 6(1):9-20.
- Nilsson, T., K. Foster, and J. Lusk. 2006. "Marketing opportunities for certified pork chops." *Canadian Journal of Agricultural Economics* 54(4): 567-583.
- Rittmaster, R, W. Adamowicz, B. Amiro and R. Pelletier. 2006. "Economic analysis of health effects from forest fires." *Canadian Journal of Forest Research* 36:868-877.
- Steiner, B. 2006. "Governance reform of German food safety regulation: Cosmetic or real?" In: *What's the Beef? The Contested Governance of European Food Safety*. C Ansell and D. Vogel (editors). The MIT Press, Cambridge, MA, pp.181-210.
- Varghese, J., N. Krogman, T. Beckley, and S. Nadeau. 2006. "Critical analysis of the relationship between local ownership and community resiliency." *Rural Sociology* 71(3):505-527.
- Wellstead, A.M., D.J. Davidson, and R.C. Stedman. 2006. "Assessing approaches to climate change-related policy formation in British Columbia: The case of the mountain pine beetle epidemic." *Journal of Ecosystems and Management* 7(3):1-9.
- Zhang, J., E. Goddard and M. Lerohl. 2007. "Estimating pricing games in the wheat-handling market in Saskatchewan: The role of a major cooperative." *Advances in the Economic Analysis of Participatory and Labor-Managed Firms* 10:157-191.

Oral Presentations and Posters

- Adamowicz, W. "Modeling biodiversity forest products tradeoffs" Presented at the Department of Applied Economics, University of Minnesota, December 4, 2006.
- Adamowicz, W. "Social science and interdisciplinary research: experiences from Canada's Sustainable Forest Management Network." Keynote address to the International Society for Sustainable Resource Management (ISSRM), Vancouver, British Columbia, June 7, 2006.

Adamowicz, W. "Values, choices and environmental policy in Canada." Presidential Address to the Canadian Agricultural Economics Society Annual Meeting, Montreal, Quebec, May 26-28, 2006.

Adamowicz, W. "Integrating the market and the environment in land use planning." Invited address to the Alberta Institute of Agrologists annual conference, Banff, Alberta, March 9, 2006.

Adamowicz, W., B. Amiro, R. Rittmaster, R. Field and R. Pelletier. "Economic analysis of the effects of wildfire and wildfire management on air quality. Presented at the Sustainable Forest Management Network Conference, Edmonton, Alberta, June 20-22, 2006.

Adamowicz, W., D. Dupont and A. Krupnick. "The economic value of water quality improvements: Is there a cancer reduction premium? Presentation at Queen's University Belfast, February 21, 2006.

Adamowicz, W., D. Dupont, A. Krupnick., and J. Zhang. "Valuation of health risk reductions in municipal drinking water: The effect of risk context on value." Invited Speaker at RTI International Research, Triangle Park, North Carolina, September 14, 2006.

Adamowicz, W. and M. Habteyonas. "BioDiversity and economic development tradeoffs on the boreal plains of Alberta and BC." Presented at the CBEEDAC/CABREE Applied Energy Workshop, University of Alberta, Edmonton, Alberta, December 8, 2006.

Adamowicz, W., M. Habteyonas, G. Hauer and M. Weber. "Impacts of the oil and gas sector on forest landscapes." Presented at the Sustainable Forest Management Network Conference, Edmonton, Alberta, June 20-22, 2006.

Adamowicz, W., A. Krupnick, D. Dupont and J. Zhang. "Willingness to pay to reduce community health risks from municipal drinking water: a stated preference study." Presented at the 2006 American Agricultural Economic Association Meetings, Long Beach, California, July 23-26, 2006.

Adamowicz, W., A. Krupnick, D. Dupont and J. Zhang. "Willingness to pay to reduce community health risks from municipal drinking water: a stated preference study." Selected paper presented at the Third World Congress of Environmental and Resource Economics, Kyoto, Japan, July 3-7, 2006.

Adamowicz, W., D. Martell, G.W. Armstrong and P. Boxall. "Improving fire management using values at risk." Presented at the Sustainable Forest Management Network Conference, Edmonton, Alberta, June 20-22, 2006.

Adamowicz, W., M. Veeman, D. Volinskiy and L. Srivastava. "Auction, anchoring, and attention: The effect of choice context and endowment in experimental auctions of the valuation of canola oil attributes. Selected paper presented at the Canadian Agricultural Economics Society Annual Meeting, Montreal, Quebec, May 26-28, 2006.

Allen, T and N. Krogman. "Career challenges for Canadian foresters: Implications for training and workplace culture." Presented at the Association of British Columbia Professional Foresters, Vancouver, British Columbia, June 2006.

Allen, T. and N. Krogman. "Foresters career challenges in Canada." Presented at the International Symposium on Society and Natural Resources, Vancouver, British Columbia, June 2006.

Anderson, J. and M.K. Luckert. "Can hybrid poplar save industrial forestry in Canada's boreal forest?"

Paper presented at the Third World Congress of Environmental and Resource Economics, Kyoto, Japan. July 3-7, 2006.

Anderson, J. and M.K. Luckert. "Can hybrid poplar save industrial forestry in Canada's boreal forest?" Paper presented at the Western Forest Economist Meeting, Welches, Oregon, May 1-3, 2006.

Annett, L.E., V. Muralidharan, P. C. Boxall, S. B. Cash and W. V. Wismer. "Factors influencing consumer choice of organic whole wheat bread: Using the binary response model to predict preference changes." Presented at the Institute of Food Technologists Annual Meeting, Orlando, Florida, June 24-28, 2006.

Bostrom, A., A. Krupnick, S. Hoffman and W. Adamowicz. "Parental decision making about children's health." Presented at the U.S. EPA NCER/NCEE Workshop Morbidity and Mortality: How Do We Value the Risk of Illness and Death?, Washington, D.C., April 12, 2006.

Boxall, P.C. "Complexity and heuristics in choice experiments." Presented at the Second Australian Advances in Choice Modelling Workshop, Canberra, Australia, December 6, 2006.

Boxall, P.C. "An overview of the integrated hydrologic-economic model: The three pillars of the economic aspects." Presented at the 2nd Annual WEBs (Watershed Evaluation of Beneficial Management Practices) Workshop, Regina, Saskatchewan, March 28-30, 2006.

Boxall, P.C., M. Rausch, R. Pelletier and A. Neupane. "An assessment of recreation values at risk from wildfire in Alberta." Presented at Sustainable Forest Management Network Fourth International Conference, Edmonton, Alberta, June 20-22, 2006.

Caine, K. and N. Krogman. "Powerful or just plain power-full? A power analysis of impact and benefit agreements in Canada's North." Presented at the Panel on Impact and Benefit Agreements, University of Alberta, Edmonton, Alberta, Fall 2006.

Caine, K. and N. Krogman. "An EA step in the right direction? Sociological analysis of impact and benefit agreements in Canada's North." Paper presented at the International Association for Impact Assessment conference: Power, Poverty, and Sustainability – The Role of Impact Assessment, Stavanger, Norway, May 24, 2006.

Campbell, B., A. Angelsen, C. Ehrlinghaus, M.K. Luckert, P. Pacheco, T. Sunderland and W. Sunderlin. "Can community forestry deliver livelihood improvement?" Invited presentation to CIFOR, Bogor Indonesia, August 29, 2006.

Cash, S.B. "Energy and the environment." Presented at Energy Cooperation in the Western Hemisphere: Canada, the United States, and Beyond. Institute for United States Policy Studies, Edmonton, Alberta, November 2006.

Cash, S.B. "The healthy living debate: Can tax policies help 'trim' the obesity epidemic?" Presented at the Integrated Chronic Disease Prevention: Building It Together, Chronic Disease Prevention Alliance of Canada Second National Conference, Ottawa, Ontario, November 2006.

Cash, S.B. "Pricing, fat taxes, and fruits and vegetables." Presented at the International Fruit and Vegetable Alliance 5th International Symposium, Ottawa, Ontario, October 15-17, 2006.

Cash, S.B. "Can food taxes and subsidies buy us health?" Presented at the International Fruit and

Vegetable Alliance 5th International Symposium, Ottawa, Ontario, October 15-17, 2006.

Cash, S.B. "Environmental stewardship across the border." Presented at the New Leadership in U.S. – Canada Relations, Center for Strategic and International Studies Symposium, Washington, D.C., June 2006.

Cash, S.B. "The economic evidence on fat taxes." Presented at the Northeastern Agricultural Resource Economics Association Annual Meeting, Mystic, Connecticut, June 2006.

Cash, S.B. "Food prices, policy, and health." Presented at the Functional Foods and Nutraceuticals for Health Care Reduction. Worldnutra Symposium, Toronto, Ontario, May 2006.

Cash, S.B. and D.A. Vickers. "Border enforcement and trade-related invasive species risk." Presented at the Research on U.S. Policy Workshop, Institute for United States Policy Studies, Edmonton, Alberta, November 2006.

Cash, S.B. and D. Zilberman. "Food insecurity, food storage, and obesity." Presented at the American Agricultural Economics Association Annual Meeting, Long Beach, California, July 23-26. 2006.

Cash, S.B. and D. Zilberman. "Food insecurity, food storage, and obesity." Presented at the Economics of Population Health, American Society of Health Economists Inaugural Conference, Madison, Wisconsin, June 2006.

Cash, S.B., P.C. Boxall and V. Muralidharan. "Policy and perception: Consumers, food and health." Presented at Agricultural Policy Research Network Workshop: Contributions toward a new agriculture policy in Canada, Aylmer, Quebec, March 24, 2006.

Christensen, L. and N. Krogman. "Sociological contributions to the concept of resilience: Pushing the envelope further." Presented at the International Symposium on Society and Natural Resources. Vancouver, British Columbia, June 2006.

Dai, Y. and E. Goddard. "Empirical analysis of branded chicken markets: Bertrand game or Stackelberg leader-follower pricing game?" Poster presented at the Alberta Agricultural Economics Association Visions 2006 Conference, Red Deer, Alberta, May 4-5, 2006.

Dakurah, H. and E. Goddard. "Modeling market structure and competition in consumer loan rates: An analysis of the power structure among Canadian credit unions and banks. Presented at the Canadian Agricultural Economics Society Annual Meeting, Montreal, Quebec, May 26-28, 2006.

Dakurah H. and E. Goddard. "Modelling market structure and competition in consumer loan rates: An analysis of the power structure between Canadian credit unions and banks." Presented at the Canadian Association for Studies in Cooperation Annual Conference, Congress of the Social Sciences and Humanities, York University, Toronto, Ontario, May 30th – June 2nd, 2006.

Danso, G. and E. Goddard. "Modeling the demand for soft drinks away from home and socio-economic and demographic factors of households in Alberta, Canada. Presented at the Canadian Agricultural Economics Society Annual Meeting, Montreal, Quebec, May 26-28, 2006.

Davidson, D.J. "Advising and learning from leaders of tomorrow." Presented at the First Annual Environmental Studies Summit, Santa Barbara, California, February 25, 2006.

- Davidson, D.J. “Interdisciplinary success in a disciplinary world.” Invited plenary presentation to the First Annual Environmental Studies Summit, Santa Barbara, California, February 25, 2006.
- Davidson, D.J. and R. Pelletier. “A spatial analysis of Canadian demographics and environmental risk. Abstract and oral presentation to the Annual Meetings of the Society for the Study of Social Problems, Montreal, Quebec, August 10, 2006.
- de Jonge, J., L. Frewer and E. Goddard. “The reciprocal relationship between public policy making the consumer confidence in food safety: A cross-national perspective.” Presented at the CAES-FLP-CATPRN Joint Workshop, Calgary, Alberta, October 15-17, 2006.
- de Jonge, J., H. van Triip, E. Goddard and L. Frewer. “A cross-consumer confidence in the safety of food: A cross-national perspective.” Presented at the CAES-FLP-CATPRN Joint Workshop, Calgary, Alberta, October 15-17, 2006.
- Dridi, C. “Water trading and water valuation in Southern Alberta: A Project overview.” Presented at the Third Annual Alberta Ingenuity Centre for Water Research (AICWR) Researcher’s Conference, Edmonton, AB, November 3-4, 2006.
- Dridi, C. and M. Khanna. "Political economy and irrigation technology adoption implications of water pricing under asymmetric information." Presented at the Third World Congress of Environmental and Resource Economics, Kyoto, Japan, July 3-7, 2006.
- Emunu, J.P. and E. Goddard. “EGGOLUTION: The case of the Alberta egg market.” Poster presented at the Alberta Agricultural Economics Association Visions 2006 Conference, Red Deer, Alberta, May 4-5, 2006.
- Glover, F. and E. Goddard. “Canadian agricultural marketing co-ops: Does regulatory environment affect performance?” Presented at the Canadian Association for Studies in Cooperation Annual Conference, Congress of the Social Sciences and Humanities, York University, Toronto, Ontario, May 30th – June 2nd, 2006.
- Goddard, E. “Consumer and Market Demand Network Update”, Presentation to the Agricultural Policy Research Networks (APRN) Workshop *Contributions towards a new agriculture policy in Canada* March 24, 2006 Château Cartier Resort, Gatineau QC
- Goddard, E. “Ruminations on processing ruminants.” Presented at the Alberta Agricultural Economics Assition Visions 2006 Conference, Red Deer, Alberta, May 4-5, 2006.
- Goddard, E. “Food and consumer network,” Presented at the Agricultural Policy Research Network Workshop, Chateau Cartier Hotel, Ottawa, Ontario, December 11, 2006.
- Habteyonas, M. and W. Adamowicz. “Modeling oil and gas exploration and production in Alberta using systems approach.” Presented at the Canadian Agricultural Economics Society Annual Meeting, Montreal, Quebec, May 26-28, 2006.
- Haliu, G., J. Cranfield and E. Goddard. “Comparing elasticity estimates in flexible demand systems.”

Presented at the Canadian Agricultural Economics Society Annual Meeting, Montreal, Quebec, May 26-28, 2006.

Hailu, G., S. Jeffrey and E. Goddard. "Do co-operative leaders differ in the familiarity with risk management strategies?" Presented at the Annual General Meeting and Conference, Congress of the Social Sciences and Humanities, York University, Toronto, Ontario, May 30 – June 2, 2006.

Hauer, G., W. Adamowicz, S.G. Cumming and M. Weber. "Biodiversity and economic development tradeoffs on the boreal plains of Alberta and BC." Presented in the department of Biological Sciences, University of Alberta, Edmonton, Alberta, September 29, 2006.

Hauer, G., W. Adamowicz, S.G. Cumming and M. Weber. "Biodiversity and economic development tradeoffs on the boreal plains of Alberta and BC: An integrated model for forest birds, forest sector harvesting and oil and gas development." Presented at the Sustainable Forest Management Network Conference, Edmonton, Alberta, June 20-22, 2006.

Issac, K., T. Nilsson and E. Goddard. "Food-away-from-home purchases in Canada: Opportunities for value added meat products." Presented at the Food Research Distribution Society Annual Conference, Loews Le Concorde, Quebec, October 14-18, 2006.

Jardine, C.G. "Why do people continue to do things they know are dangerous? – Risk Communication implications of knowledge and attitude disparities in risk behaviours." Presented at RiskCom 2006, Göteborg, Sweden, August 31 to September 2, 2006.

Jardine, C.G. "Gender, Risk and the North: Factors Affecting the Communication and Understanding of Health Risks in Northern Aboriginal Communities." Invited presentation at the Caring for the North Symposium, University of Northern British Columbia, Prince George, British Columbia, June 7-8, 2006.

Jardine, C.G. "Public perspectives on drinking water quality and related health risks – A post Walkerton and North Battleford assessment." Presented at the Canadian Water and Wastewater Association, 12th Canadian National Conference and 3rd Policy Forum on Drinking Water, Saint John, New Brunswick, April 1-4, 2006.

Jardine, C.G., S.M. Driedger, E. Goddard and A. Boyd. "Canadian Media Representations of BSE and vCJD and Public Risk Perspectives." Presented at Prion 2006, Torino, Italy, October 4-6, 2006.

Jardine, C.G., M. Turtiak, S.M. Driedger and L.A. Reynolds. "Public role and responsibility in the risk management of emerging scientific knowledge: A case study of DBPs in drinking water - Stakeholder perspectives." Presented at the Society for Risk Analysis Annual Conference. Baltimore, Maryland, December 4-6, 2006.

John, G. and E. Goddard. "Price spread and structural change in the Canadian cattle/beef industry: Pre and Post BSE." Poster presented at the PrioNet Canada Annual General Meeting "Charting the Course", Vancouver, British Columbia, June 6-8, 2006.

John, G. and E. Goddard. "Determination of industry structure and market power in the Canadian cattle/beef industry. Presented at the Canadian Agricultural Economics Society Annual Meeting, Montreal, Quebec, May 26-28, 2006.

John, G. and E. Goddard. "Price spread and structural break in the beef industry: Pre and Post BSE."

- Poster presented at the Alberta Agricultural Economics Association Visions 2006 Conference, Red Deer, Alberta, May 4-5, 2006.
- Kennelly, J., Goddard, E. and E. Okine. "Options and opportunities – Investing wisely today to ensure a sustainable future." Presented at the Agricultural Institute of Canada Conference, Winnipeg, Manitoba, November 5-8, 2006.
- Krogman, N. "Preliminary findings from summer interviews with Métis forest users." Presented at the Student Research Symposium, Métis Archival Project, Community University Research Alliance, August 16-18, 2006.
- Krogman, N. "Understanding sociological approaches to studying cumulative social impacts". Teleconferenced to Northern Ecosystem Initiative group, Goose Bay, Labrador, March 2006.
- Krogman, N. "Mitigation and follow-up: Raising the bar for socio-economic impact assessment." Presented at the Mackenzie Valley Environmental Impact Review Board Workshop, Yellowknife, Northwest Territories, February 2006.
- Krogman, N. and T. Allen. "Career challenges of the forest professional & implications for training and workplace culture." Presented at the Sustainable Forest Management Conference, Edmonton, Alberta, June 20-22, 2006.
- Krogman, N. and K. Caine. "Powerful or just plain power-full? A power analysis of impact and benefit agreements in Canada's North." Paper presented at the 69th Annual Meeting of the Rural Sociological Society: Perils and Promises of Globalization - Difference, Resistance, and Possibility, Louisville, Kentucky, August 10-13, 2006.
- Krupnick, A., W. Adamowicz and D. Dupont. "Willingness to pay to reduce community health risks from municipal drinking water: A stated preference study." U.S. EPA NCER/NCEE Workshop Morbidity and Mortality: How Do We Value the Risk of Illness and Death?, Washington, D.C., April 12, 2006.
- Laate, E., J. Unterschultz and D. Ng. "Agricultural biotechnology: An application of real options to Canadian research policy." Presented at the Canadian Agricultural Economics Society Annual Meeting, Montreal, Quebec, May 26-28, 2006.
- Lawrence, L. and E. Goddard. "Are health scares really scary? A case of bird flu outbreak in developing countries." Poster presented at the Alberta Agricultural Economics Association Visions 2006 Conference, Red Deer, Alberta, May 4-5, 2006.
- Luckert, M.K. "In search of optimal institutions for natural resources management." Invited presentation delivered to the Australian Resource and Agricultural Economics Society, Adelaide, Australia, November 2006.
- Luckert, M.K. "Potential future directions for the Livelihoods group." Invited presentation delivered to the Livelihoods group, Charles Darwin University, Darwin, Australia, November 2006.
- Luckert, M.K. "Towards a case for indigenous natural resources management." Invited presentation delivered to the Livelihoods group, Charles Darwin University, Darwin, Australia, October 23, 2006.
- Luckert, M.K. "An approach to assessing a case for indigenous natural resources management."

Presented to a working group on Aboriginal Natural Resources Management, Charles Darwin University, Darwin, Australia, October 2006.

Luckert, M.K. "Challenges in uncovering the hidden harvest." Invited presentation delivered to the Makerere Faculty of Forestry, Uganda, September, 2006.

Luckert, M.K. "Science and public policy: A brave new world for academicians?" Invited keynote presentation to the Charles Darwin University Postgraduate Symposium: "Right Place, Right People, Right Time", August 11, 2006.

Luckert, M.K. "A principal agent model for fisheries enforcement". Invited presentation delivered to the Livelihoods group, Charles Darwin University, Darwin, Australia, May 22, 2006.

Luckert, M.K. "Non-market valuations and local livelihoods." Invited presentation delivered to the short course, "Natural Resource-Based Enterprise Development and Local Livelihoods.", Alice Springs, Australia, April 10, 2006.

Luckert, M.K. "Working cross-culturally: Can non-market techniques be used?" Invited presentation delivered to the short course, "Natural Resource-Based Enterprise Development and Local Livelihoods.", Alice Springs, Australia, April 10, 2006.

Luckert, M.K. "Potential steps for an economic analysis of aboriginal natural resources management". Presented to a working group on Aboriginal Natural Resources Management, Charles Darwin University, Darwin, Australia, April 4, 2006.

Luckert, M.K. "Economic choices of smallholder eucalyptus outgrowers." Presented at the workshop, "Building Better Corporate-Smallholder Partnerships: Sharing Lessons Across Southern African Countries," Richard's Bay, South Africa, March 23, 2006.

Luckert, M.K. and A. Angelsen. "Alternative livelihoods in Indonesia." Invited presentation delivered at Research and Development Initiatives for Natural Resource-Based Enterprises and Livelihoods in eastern Indonesia, Charles Darwin University, Darwin, Australia, 2006.

Luckert, M.K. and B. Campbell. "Can natural resources management really be the basis for sustainable livelihoods?" Invited presentation to the staff/student seminar discussion series, Charles Darwin University, Darwin, Australia, June 1, 2006.

Luckert, M.K., B. Campbell and B. Sithole. "Empirical inquiries into the gendered landscape of natural resources: A case study from Zimbabwe." Invited presentation at the Forest and Livelihoods Programme Meeting, CIFOR, Bogor, Indonesia, June 7, 2006.

Luckert, M.K. and D. Doré. "Building better corporate-smallholder partnerships: Sharing lessons across Southern African countries." Invited presentation delivered at Forest Industries and Local Livelihoods, CIFOR, Bogor, Indonesia, June 9, 2006.

Luckert, M.K. and A. Drucker. "Benefits and costs of fire management in Cape York: A framework for analysis." Invited presentation delivered to the Livelihoods group, Charles Darwin University, Darwin, Australia, March 17, 2006.

McCarney, G. and Adamowicz, W. "The effects of trade liberalization on the environment: An empirical study. Selected paper presented at the 26th Conference of the International Association of

Agricultural Economists, Brisbane, Australia, August 12-18, 2006.

McCarney, G., W. Adamowicz and G. Armstrong. "Implications of a market for carbon on timber and non-timber values in an uncertain world." Selected paper presented at the Third World Congress of Environmental and Resource Economics. Kyoto, Japan, July 3-7, 2006.

McCarney, G., W. Adamowicz and G. Armstrong. "Implications of a market for carbon on timber and non-timber values in an uncertain world." Presented at the Canadian Agricultural Economics Society Annual Meeting, Montreal, Quebec, May 26-28, 2006.

Minaker, L., K.D. Raine, and S.B. Cash. "Energy cost of prepared foods varies by type of food establishment." Presented at the International Congress on Obesity, Brisbane, Australia, August 2006.

Muralidharan, V., L.E. Annett, P.C. Boxall, S.B. Cash and W.V. Wismer. "The role of sensory attributes and information on the WTP for organic wheat bread." Presented at the Canadian Agricultural Economics Society Annual Meeting. Montreal, May 25-28, 2006.

Muralidharan, V., L.E. Annett, P.C. Boxall, S.B. Cash, and W.V. Wismer. "Effects of information and taste evaluation on consumers' willingness to pay for organic wheat bread." Presented at the Annual Meeting of the Alberta Agricultural Economists' Association, Red Deer, Alberta, May 4-5 2006.

Neumann, P., N. Krogman, and B. Thomas. "Public perceptions of poplar plantations in North-Central Alberta." Presented at the Alberta Soil Science Workshop, Winter 2006.

Nilsson, T., K. Isaac and E. Goddard. "Food-away-from-home demand in Western Canada." Presented at the Food Distribution Research Society Annual Meeting, Quebec City, Quebec, 2006.

Plotnikova, M., and C. Dridi. "Spatial analysis of municipal water use in Canada. Presented at 53rd Annual North American Meetings of the Regional Science Association International, Toronto, Ontario, November 16-18, 2006.

Sonis, M., C. Dridi and G.J.D. Hewings. "Adjustment dynamics of direct inputs in input-output models: Some initial explorations." Invited presentation at the 45th Annual Meeting of the Western Regional Science Association, Santa Fe, New Mexico, February 22-25, 2006.

Spyce, A., W. Adamowicz and M. Weber. "Intertemporal development preferences: A case study in the Southeast Yukon." Presented at the Canadian Agricultural Economics Society Annual Meeting, Montreal, Quebec, May 26-28, 2006.

Steiner, B., J. Unterschultz and F. Gao. "New meats from the wild west: Consumers' perceptions towards alternative meats." Presented at the 98th EAAE SEMINAR, Chania, Crete, Greece, June 29 – July 02, 2006.

Steiner, B., J. Unterschultz, and K. Lan. "Formal beef alliances and alignment challenges in the Canadian beef industry." Presented at the Canadian Agricultural Economics Society Annual Meeting, Montreal, Quebec, May 26-28, 2006.

Stewart, B., T. Veeman and J. Unterschultz. "Causes of divergent productivity growth in the livestock and crop sectors. Prairie provinces 1940-2004." Presented at the Canadian Agricultural Economics Society Annual Meetings, Montreal, Quebec, May 26-28, 2006.

- Stewart, B., T. Veeman and J. Unterschultz. "Measures and causes of divergent productivity growth in the livestock and crop sectors: Manitoba, Saskatchewan and Alberta Provinces, 1940-2004." Paper presented at the Farm Level Policy APRN Workshop, Aylmer Quebec, March 24, 2006.
- Turtiak, M. and C.G. Jardine. "Stakeholders' roles and responsibilities in the risk management of emerging scientific knowledge: A case study of Disinfection By-Products (DBPs) in drinking water." Presented at the Canadian Water and Wastewater Association, 12th Canadian National Conference and 3rd Policy Forum on Drinking Water, Saint John, New Brunswick, April 1-4, 2006.
- Turtiak, M., C.G. Jardine, S.M. Driedger and L.A. Reynolds. "Public role and responsibility in the risk management of emerging scientific knowledge: A Case Study of DBPs in Drinking Water - Public Perspectives." Presented at the Society for Risk Analysis Annual Conference, Baltimore, Maryland, December 4-6, 2006.
- Unterschultz, J. "Selected issues in wetland loss and agricultural productivity in Western Canada." Presented at the Agricultural Institute of Canada Annual Conference, Winnipeg, Manitoba, November 5-8, 2006.
- Veeman, M. "Current status and trends in social science research on genomics applications: Agriculture, forestry, fisheries." Invited paper presented at the SSHRC Workshop *Social Science Research Trends on Genomics Issues*, Ottawa, Ontario, May 22, 2006.
- Veeman, M. "Canadian consumers' preferences for food and environmental safety associated with agriculture." Presented at the Agriculture and Agri-Food Canada, Agricultural Policy Network Workshop *Contributions to a New Agriculture Policy in Canada*. Ottawa. Ontario. March 24, 2006.
- Veeman, M., W. Hu and W. Adamowicz. "Consumers' preference for GM food and voluntary information acquisition: A simultaneous choice analysis." Selected paper presented at the 26th Conference of the International Association of Agricultural Economists, Brisbane, Australia, August 12-18, 2006.
- Veeman, M., Y. Li and W. Adamowicz. "Consumers' assessments of food safety and environmental safety relative to plant molecular farming." Presented at the 2006 Western Agricultural Economic Association Annual Meeting, Anchorage, Alaska, June 28-30, 2006.
- Veeman, M., S. Tao, W. Adamowicz and D. Volinskiy. "Evaluating preferences for research funding allocations to plant molecular farming." Selected paper presented at the Canadian Agricultural Economics Society Annual Meetings, Montreal, Quebec, May 26-28, 2006.
- Veeman, T., B. Stewart and J. Unterschultz. "Issues in measuring and explaining productivity growth: The case of prairie agriculture in Western Canada." Paper presented at selected Mini-Symposium on Agricultural Productivity at the 26th Conference of the International Association of Agricultural Economists, Brisbane, Australia, August 12-18, 2006.
- Veeman, T. "Water pricing and relations to soil and water conservation." Presented at the Alberta Soil Science Workshop 2006, Edmonton, Alberta, February 22-23, 2006.
- Volinskiy, D., W. Adamowicz, M. Veeman and L. Srivastava. "How labels matter or what can be learned from auctioning GM-labeled canola oil to Canadian shoppers." Presented at the Seventh Annual Food Distribution Research Society Meetings, Quebec City, Quebec, October 14-17, 2006.

Yang, J. and E. Goddard. "Studying BSE's impact on Canadian beef consumers' behaviour." Poster presented at the PrioNet Canada Annual General Meeting "Charting the Course", Vancouver, British Columbia, June 6-8, 2006.

Zhang, J., W. Adamowicz, A. Krupnick, and D. Dupont. "Altruistic values for drinking water quality improvements." Selected paper presented at the Third World Congress of Environmental and Resource Economics. Kyoto, Japan, July 3-7, 2006.

Zhang, J., E. Goddard and M. Lerohl. "Estimating games in elevation charges in the wheat and canola handling markets in Saskatchewan. Presented at the Canadian Agricultural Economics Society Annual Meeting, Montreal Quebec, May 26-28, 2006.

Zilberman, D., H. Ameden and S.B. Cash. "Invasive species management: Border enforcement, location theory, and risk." Invited workshop presentation, Bren School of Environmental Science and Management, University of California, Santa Barbara, November 2006.

Zilberman, D., H. Ameden and S.B. Cash. "Integrating location theory with risk management for invasive management." Workshop on the Program of Research on the Economics of Invasive Species Management, Economic Research Service, United States Department of Agriculture, Washington, D.C., October 2006.

Proceedings, Abstracts and Other Items

Adamowicz, W. and J.R. DeShazo. 2006. "Frontiers in stated preference methods: An introduction." *Environmental and Resource Economics* 34:1-6.

Burton, P., C. Messier, W. Adamowicz and T. Kuuluvainen. 2006. "Sustainable management of Canada's boreal forests: Progress and prospects." *Ecoscience* 13(2):234-248.

Cash, S.B. "Testimony on economic interventions to combat childhood obesity." House of Commons Standing Committee on Health, Ottawa, Ontario, October 2006. Published in House of Commons HESA Evidence, 39th Parliament, 1st session, No. 019 (available at <http://www.parl.gc.ca>).

Davidson, D.J., M. Haan, J. Klaver, B. Parlee and S. Olmos. 2006. "A preliminary assessment of climate change vulnerability in Alberta: The social dimensions." Report prepared for Alberta Environment. 201p.

DeFries R, S. Pagiola, W.L. Adamowicz, H.R. Akçakaya, A. Arcenas, S. Babu, D. Balk U. Confalonieri, W. Cramer, F. Falconí, S. Fritz, R. Green, E. Gutiérrez-Espeleta, K. Hamilton, R. Kane, J. Latham, E. Matthews, T. Ricketts, T. Xiang Yue, N. Ash and J. Thönell. 2005. "Analytical approaches for assessing ecosystem condition and human well-being." In: *Ecosystems and Human Well-being: Current State and Trends, Volume 1, Findings of the Condition and Trends Working Group of the Millennium Ecosystem Assessment*. R. Hassan R. Scholes and N. Ash (editors). Island Press, Washington, Covelo, London, p. 37-71.

Froese, K., C.G. Jardine, G. Gibson and S. Fossey. 2006. "Health risk concerns related to the Alberta Special Waste Treatment Centre: Public knowledge, concerns and communication needs." Prepared by the Environmental Health Sciences Program, University of Alberta for Alberta Justice, Creative Sentencing Program. 70 p.

- Hoffmann, S., A. Krupnick, and W. Adamowicz. 2006. "Uncertainties in valuing reductions in children's environmental health risks." In: *Economic Valuation of Environmental Health Risks to Children*. OECD Publishing, p. 207-238.
- Jardine, C.G. and C. Furgal. 2006. "Factors affecting the communication and understanding of known and potential/theoretical risks to health in northern Aboriginal communities." Draft Report Submitted to the Health Policy Research Program in response to RFA 13 "Primary/Secondary Research on Public Disclosure of Potential and Theoretical Health Risks". 178 p.
- Jardine, C.G. and I.W. Ouellette. 2006. "Risk communication plan for the issues surrounding the risk assessment of trace metals and air contaminants in the Athabasca Oil Sands Region." Prepared for the Trace Metals and Air Contaminants (TMAC) Working Group, Cumulative Environmental Management Association (CEMA). 131 p.
- Krupnick, A. and W.L. Adamowicz. 2006. "Supporting questions in stated choice studies." In: *Valuing Environmental Amenities using Stated Choice Studies*. B.J. Kanninen (editor). Springer, Dordrecht, The Netherlands, p.43-65.
- Laing, L., N. Krogman and N. Jamiyanjamts. "Social determinants of health in Delgertsogt, Dundgobi Aimag: A summary of participatory research exercises." Translated from English to Mongolian and sent to community and the Mongolian National Centre for Health Development (our research partners for a CIHR project). 17p.
- Minaker, L., K.D. Raine and S.B. Cash. 2006. "Energy cost of prepared foods varies by type of food establishment," *Obesity Reviews* 7(S2): 250.
- Neumann, P., N. Krogman and B. Thomas. 2006. "Public perceptions of land use and the poplar farm program – A summary." Final Report to AI-Pac and all participating agricultural producers in the study. 10 pp.
- Veeman, M. 2006. "Alberta agriculture and the Doha round." In: *A Multi Disciplinary Discussion of Impacts on the NAFTA and US-Canada Trade*. Western Centre for Economic Research. University of Alberta, Information Bulletin 89:10-15.
- Veeman, M. 2006. *Trends in North American GELS research: Agriculture, forestry and fisheries*. ERA-SAGE Report commissioned by the Social Sciences and Humanities Council of Canada. 56pp. At http://www.erasage.org/index.php?option=com_content&task=view&id=39&Itemid=93.
- Veeman, M. and R. MacKay White. 2006. *Food safety and quality in international trade: The role of codex alimentarius*. Western Centre for Economic Research. University of Alberta, Information Bulletin 91.
- Veeman, M., Y. Li and W. Adamowicz "Canadian food and environmental risk perceptions following three BSE incidents: a natural experiment" Poster abstract # RA 16 published in *Conference Proceedings of Prion 2006: Strategies, advances and trends towards protection of society 3-6 October 2006, Torino Italy*.
- Veeman, M., Y. Li and W. Adamowicz, "Consumer's Assessments of Food Safety and Environmental Safety relative to Plant Molecular Farming." Selected paper abstract in *Journal of Agricultural and Resource Economics*, 31 (3, Dec.): 686.

Staff Papers and Research Project Reports

Adamowicz, V., P. Boxall, E. Laate, J. Unterschultz, and N. Zimmer. 2006. "Economic analysis of sectors at risk from CWD in Alberta: Some preliminary results" Report Prepared for Alberta Sustainable Resource Development, Department of Rural Economy, University of Alberta. 25p.

Steiner, B., L. Srivastava and F. Gao. 2006. "Assessing the consumer acceptance and market potential of alternative meats." Project Report 07-01, Department of Rural Economy. Project Number: 2003A107R, The Diversified Livestock Fund of Alberta (DLFOA). 66p.

Steiner, B., J. Unterschultz and E. Goddard 2007. "Formal beef alliances and alignment challenges: Issues in contracting, pricing and quality." Department of Rural Economy, Project Report: # 07-02, NBDIF. 94p.

Veeman, M. and Y. Li. "Investigating Canadian consumers' ratings of concern for issues of food and environmental safety associated with agriculture: Initial analysis." Final Project Report to Consumer and Market Demand Agricultural Policy Research Network. CMD Project 502, Department of Rural Economy, University of Alberta. 35p.

Sponsored Research in Progress as of December 31, 2006

Investigator(s)	Sponsor	Title of Grant	Duration of Grant (Start Date – End Date)
Adamowicz, V.	Forest Resource Improvement Association of Alberta	Ecological and Economic Tradeoffs Analysis of Conservation Strategies for Woodland Caribou	December 2006 – June 2009
Adamowicz, V.	Sustainable Forest Management Network	Research Associate	April 2006 – March 2007
Adamowicz, V.	Sustainable Forest Management Network	An Assessment of Economic Sustainability Indicators in a First Nations Context.	April 2005 – March 2006
Adamowicz, V.	Mistik Management	Assessing the Socio-Economic Conditions of North Western Saskatchewan.	July 2005 – December 2006
Adamowicz, V.	Sustainable Forest Management Network	A Bioregional Assessment of Sustainable Forest Management for the Boreal Plains.	January 2004 – March 2007
Adamowicz, V.	BIOCAP / SFM	Carbon Credit Trading: The Law, Firm Behaviour, Economics and Landscape Impacts.	April 2004 – March 2008

Investigator(s)	Sponsor	Title of Grant	Duration of Grant (Start Date – End Date)
Adamowicz, V.	Social Sciences and Humanities Research Council	Choice Behaviour Complexity and Preference Elicitation.	April 2005 – March 2008
Adamowicz, V.	Sustainable Forest Management Network	Economic Analysis of the Effects of the Wildlife and Wildfire Management on Air Quality.	April 2002 – April 2007
Adamowicz, V.	Sustainable Forest Management Network	Incentive Policies for Sustainable Forest Management.	April 2005 – March 2006
Adamowicz, V.	Canadian Water Network	Tapping into Consumers' Perceptions of Health Risks in Municipal Water Supplies.	April 2005 – March 2006
Adamowicz, V. with P. Boxall	Fisheries and Oceans Canada	Study to Estimate Passive Use Values Associated with the Conservation of Threatened Marine Mammals in the St. Lawrence Estuary.	December 2004 – March 2007
Boxall, P.	Agriculture and Agri-Food Canada, Watershed Evaluation of Beneficial Management Practices	Development of an Integrated Framework for Evaluating Beneficial Management Practices for the South Tobacco Creek Watershed and the Bras d'Henri and Fourchette Watersheds.	April 2006 – March 2008
Boxall, P.	Minister of Natural Resources (Ontario Parks)	Ontario's Passive Use Values Associated with the Existing Future System of Provincial Parks and Conservation Reserves.	February 2005 – November 2007
Cash, S.	EFF Support for the Advancement of Scholarship	Is Fair Trade Coffee an Inferior Product? The Role of Sensory Attributes.	April 2006 – March 2007
Cash, S.	Institute for US Policy Studies	Border Enforcement and Trade-Related Invasive Species Risk.	June 2006 – March 2007
Cash, S. with M. Luckert	Centre for International Forestry Research	Building Better Corporate-smallholder Partnerships: Sharing Lessons Across South African Countries.	May 2006 – March 2008

Investigator(s)	Sponsor	Title of Grant	Duration of Grant (Start Date – End Date)
Davidson, D.	Social Sciences and Humanities Research Council	Political Discourse and Environmental Outcomes in the Development of the Alberta Tar Sands.	April 2006 – March 2009
Davidson, D.	Foothills Model Forest	Determining Perceptions of Risk to Climate Change and Levels of Social Capital in La Ronge, Saskatchewan and Victoria Beach, Manitoba.	June 2006 – April 2007
Davidson, D.	Alberta Environment	Terms of Reference for an Empirical Assessment of the Social Dimensions of Climate Change Vulnerability in Alberta	June 2006 – March 2007
Davidson, D. with P. Boxall	Alberta Science and Research Authority	Development of a Core Facility for Spatial Applications of Social Ecology.	January 2002 – June 2007
Davidson, D.	Alberta Environment	Scoping Study on an Assessment of the Social Dimensions of Climate Change Vulnerability in Alberta.	September 2005 – March 2006
Davidson, D.	Sustainable Forest Management Network	Social Sustainability: Strategies for Definition, Measurement and Management.	April 2004 – March 2008
Dridi, C.	EFF Support for the Advancement of Scholarship	A Space-Time Exploratory Data Analysis of Municipal Water Use in Canada 1999-2001.	April 2006 – March 2007
Dridi, C.	University of Lethbridge/Alberta Ingenuity Center for Water Research (AICWR)	Water Trading and Water Banking in Southern Alberta: Efficiency and Technology Adoption Impacts.	April 2006 – March 2009
Goddard, E.	Alberta Ingenuity Fund Alberta Prion Research Institute	TSEs and Society: Measuring the Impact and Investigating Policy Options.	April 2006 – March 2009
Goddard, E.	Agriculture Funding Consortium Alberta Livestock Industry Development Funds	Value-added Meats: Measuring Past Successes and Predicting Future	May 2006 – May 2009

Investigator(s)	Sponsor	Title of Grant	Duration of Grant (Start Date – End Date)
	Alberta Innovation and Science	Winners.	
Goddard, E.	Agriculture Funding Consortium Alberta Crop Industry Development Fund	Economic Impact of ACIDF Portfolio	April 2006 – June 2008
Goddard, E.	Agriculture and Agri-Food Canada – Agricultural Policy Research Networks Program	Consumer and Market Demands Network.	December 2004 – January 2008
Goddard, E.	Agriculture Funding Consortium - Alberta Livestock Development Fund	Consumer Attitudes, Willingness to Pay and Revealed Preferences for Different Egg Production Attributes.	August 2004 – August 2006
Jardine, C.	Sub-Grant – Universite Laval CIHR Award	Factors Affecting the Communication and Understanding of Known and Potential/Theoretical Risks to Health in Northern Aboriginal Communities.	October 2005 – March 2006
Jardine, C.	Social Sciences and Humanities Research Council	Healing from Intimate Partner Battering in a Northern Aboriginal Context: A Case Study.	September 2004 – November 2006
Jardine, C.	Social Sciences and Humanities Research Council	Public Role and Responsibility in the Risk Management of Emerging Scientific Knowledge: A Case Study of Disinfection By-Products (DBPs) in Drinking Water.	April 2005 – March 2008
Jardine, C.	AHFMR	The Role of Risk Communication in a Comprehensive Health Risk Management Approach: Risk Communication Issues Related to the SARS Outbreak in Canada - Lessons Learned for Alberta.	July 2002 – January 2006
Jardine, C.	Health Canada	Factors Affecting the Communication and Understanding of Known and Potential/Theoretical Risks to Health in Northern	April 2004 – April 2006

Investigator(s)	Sponsor	Title of Grant	Duration of Grant (Start Date – End Date)
		Aboriginal Communities	
Jeffrey. S.	University of Guelph – SSHRC Subgrant	Cost-Effective Agricultural Management Strategies and Technologies in Mitigating GHG Emissions.	April 2004 – March 2006
Kipp, W. with M. Luckert, S. Cash	Canadian Institutes of Health Research	Community-based Antiretroviral Treatment for AIDS Patients in Rural Uganda.	June 2006 – June 2009
Krogman, N.	Environment Canada – Northern Ecosystems Initiative Grant,	Understanding Preferences for Cumulative Effects Management in Northern Canada.	2006 – 2007
Krogman, N.	Environment Canada – Western Boreal Conservation Initiative Grant	A Policy Analysis to Support Conservation and Local Benefits from Forests in Northwest Saskatchewan.	June 2006 – March 2007
Krogman, N.	Sustainable Forest Management Network	The Role of Renewable Resource Councils in Community-Based Forest Management Planning in the Yukon: A Case of the Alsek Renewable Resource Council	April 2000 – March 2006
Krogman, N.	Alberta Pacific Forest Industries Inc.	Community Perceptions of Waste Water Lac La Biche	September 2002 – March 2006
Krogman, N.	Sustainable Forest Management Network	Professional Forester Certification in the New Millennium: Opportunities and Constraints for Forestry Curriculum Change	April 2002 – March 2007
Krogman, N.	Sustainable Forest Management Network	Social Sustainability: Strategies for Definition, Measurement and Management.	April 2004 – March 2008
Luckert, M.	Social Sciences and Humanities Research Council	Intensive Management of Hybrid Poplar in Canadian Boreal Regions: Policy Analysis for a Competitive Canadian Forest Industry.	April 2006 – March 2008

Investigator(s)	Sponsor	Title of Grant	Duration of Grant (Start Date – End Date)
Luckert, M.	Sustainable Forest Management	The Challenge of Institutional Redesign: Tenure, Competitiveness and Sustainability.	April 2004 – March 2008
Luckert, M.	Alberta-Pacific Forest Industries Inc.	A Policy Analysis of Intensive Forest Management and Priority Zoning.	March 2005 – August 2007
Nilsson, T.	Agriculture Funding Consortium Alberta Livestock Industry Development Fund Alberta Innovation and Science	Food-Away-From-Home Purchases in Canada: Opportunities for Value-Added Meat Products.	May 2006 – April 2008
Parlee, B.	Sustainable Forest Management – National Centers of Excellence	Barriers to the Management of Cumulative Effects of Development in the Western Boreal Forest.	April 2006 – March 2007
Steiner, B.	AARI, AAFRD and Diversified Livestock Fund of Alberta Ltd.	Assessing the Consumer Acceptance and Market Potential of Alternative Meats.	May 2004 – March 2006
Steiner, B.	National Beef Industry Development Fund	Formal Beef Alliances and Alignment Challenges: Issues in Contracting, Pricing and Quality.	July 2005 – August 2006
Unterschultz, J.	Genome Canada and Genome Prairie	Use of Genomic Tools for Crop improvement in Temperate Climates.	January 2006 – March 2009
Unterschultz, J.	Agriculture and Agri-Food Canada	Farm Level Analysis Network.	January 2005 – December 2007
Unterschultz, J.	Agriculture Funding Consortium Alberta Innovation and Science Alberta Canola Producers Commission	Farm Level Pricing and Risk Management of Canola in Western Canada.	April 2006 – March 2008
Unterschultz, J.	Canadian Agricultural Economics Society (CAES)	Funding for the Position of Editor of Canadian Journal of Agricultural Economics (CJAE).	July 2004 – December 2007
Veeman, M.	Social Sciences and Humanities Research Council	Trends in Social Science Research on Genomics: Agriculture, Fisheries and Forestry.	January 2006— September 2006

Investigator(s)	Sponsor	Title of Grant	Duration of Grant (Start Date – End Date)
Veeman, M.	Genome Alberta/Genome Canada	Translating Science, Genomics and Health Systems.	January 2006 – December 2008
Veeman, M.	Genome Prairie GELS	Commercialization and Society: Its Policy and Strategic Implications.	August 2001 – March 2006
Veeman, M.	Alberta Funding Consortium Alberta Agricultural Research Institute Alberta Crop Industry Development Fund	Plant Made Pharmaceuticals Achieving the Promise, Limiting the Risks.	June 2004 – June 2007
Veeman, M.	EFF Support for the Advancement of Scholarship	Quality and Safety Standards for Food: Standards Development and Trade Implications.	April 2005 – July 2006
Weber, M. with V. Adamowicz and P. Boxall	Sustainable Forest Management Network	Incentive Policies for Sustainable Forest Management.	April 2005 – March 2007
Zilberman, D. with S. Cash	University of California – Berkeley	Border Enforcement, Importer Behavior and Trade-Related Invasive Species Risk	June 2006 – December 2007