

# RURAL ECONOMY

## 2010 ANNUAL REPORT



**UNIVERSITY OF ALBERTA**  
FACULTY OF AGRICULTURAL,  
LIFE & ENVIRONMENTAL SCIENCES  
Department of Rural Economy

**DEPARTMENT OF RURAL ECONOMY**  
**2010 ANNUAL REPORT**

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## **Rural Economy in 2010: Chair's Message:**

*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.*

In 2010, the Department of Rural Economy looked three ways in time: back – to the origins of our department and the successes we have achieved; present – to maintaining the quality and integrity of our programs and services; and forward – to position the department for continued success and new opportunities.

**Looking Back** through the department archives reminded us that the unit that has been called “Rural Economy” for the last 35 years first came into being in 1961/2. That makes 2011/12 the 50<sup>th</sup> anniversary year for our department, and we’re going to celebrate with a series of events that will be capped off by a major event during the weekend of May 25<sup>th</sup> / 26<sup>th</sup>, 2012. Our Research and Extension Policy Committee took on the extra task of planning those events for the 2011-12 academic year. Looking Back over the more recent past (1997-2007) was also the theme of a new analysis of the research output of Canadian agricultural economics departments. The paper by Chokri Dridi, Vic Adamowicz and Alfons Weersink, published in the September 2010 issue of the *Canadian Journal of Agricultural Economics*, examined the quantity and citation rate of journal articles produced by 5 Canadian departments of agricultural economics, plus 4 comparator departments in the United States. The analysis shows the Department of Rural Economy to be ranked first among Canadian departments of agricultural economics, not far behind the University of California-Berkeley (arguably the top agricultural economics department in the world) and well ahead of other comparator departments in the United States. We should all be proud of this accomplishment.

**Looking at the Here and Now** kept us focused on the day-to-day work of writing proposals, supervising students, delivering course material, disseminating results, and engaging in a variety of service activities. In 2010 we faced the challenge of maintaining high quality in all these program areas, with fewer financial and human resources. While our academic staff complement remained stable, with no departures and no additions, there was some turnover among administrative staff. Dawn Zrobok retired after 19 years of dedicated service, Jenny Woo departed after 9 months, and Robin McClelland was out for 6 months on medical leave. Selfless actions by both academic and administrative staff helped us get through the lean period from August to December 2010. We know that we will need to cope with a further budget reduction in 2011/12, but have learned how to maintain the administrative functions of the department with limited core resources.

**Looking Forward** led us to two significant changes in 2010. We sought to conclude a long-running issue for the department: establishing a new name to better signal our expertise, while

maintaining our collegiality and team spirit. Efforts to change the name from Rural Economy began in the late 1990s and an ad hoc name change committee was established in 2007. In 2010 we tried out a few alternative names, and ultimately settled on “Resource Economics and Environmental Sociology.” The Academic Planning Committee of the University of Alberta approved this as our new department name on May 25<sup>th</sup>, 2011. The year 2010 was also notable for the new international development research opportunities that we opened up. By the end of the year, the majority of the academic staff, and many graduate students, were engaged in international research initiatives. The International Development Research Centre (IDRC) is one of our best partners in this, providing funds for new research projects in South Africa, India and Tanzania.

We are all looking forward to a great 2011.

**Brent Swallow, Chair**

## **Rural Economy Staff:**

### **Academic Staff:**

Adamowicz, Wiktor L., PhD (Minnesota); Professor; Distinguished University Professor, Environmental Economics, Econometrics, Forest Economics.

An, Henry. PhD (University of California, Davis); Assistant Professor, Economics of Technical Change, Development Economics, Econometrics.

Anders, Sven. PhD (Justus-Leibig University Giessen, Germany); Assistant Professor, Value-Added Meat Marketing, Member of the ARVI Council.

Boxall, Peter C., PhD (Alberta); Professor and Acting Department Chair (until July 2009); Resource and Environmental Economics; Leader, Linking Environment and Agriculture Research Network, AAFC.

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

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

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

Hallstrom, Lars; PhD (Purdue); Associate Professor; Director of the Alberta Centre for Sustainable Rural Communities; Public Health and Politics of Environmental Movements.

Jeffrey, Scott R., PhD (Minnesota); Professor; Graduate Coordinator; Production Economics, Agricultural Business Management.

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

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

Marcoul, Philippe, PhD, (Toulouse); Associate Professor; Financial Economics, Industrial Organization, and Contract Theory.

McClellan, Shirley, Honorary Doctor of Laws, (Lethbridge); Distinguished Scholar in Residence; Rural Development, Agriculture, Value Added, Public Policy Development.

Mohapatra, Sandeep, PhD, (California Davis); Assistant Professor; International Development, Applied Econometrics, Agricultural and Trade Policy.

Parkins, John, PhD (Alberta); Associate Professor; Rural Sociology, Environmental Sociology.

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

Rude, James, PhD, (Guelph); Associate Professor; Trade Policy, Agricultural Marketing, and Price Analysis.

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

Swallow, Brent M., PhD (Madison-Wisconsin); Chair and Professor; Climate Change, Economic Development, Environmental Economics, Property Rights.

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

### **Associated Academic Staff:**

Bjornlund, Henning, PhD (South Australia); Adjunct Professor; Environmental Economics.

Bollman, PhD (Toronto); Adjunct Professor, Economics, Socio-economic analysis of Rural Society

Cash, Sean B., PhD (California at Berkeley); Adjunct Professor; Environmental, Natural Resource, and Health Economics.

Gerking, Shelby, PhD (Indiana); Adjunct Professor; Environmental, Health, and Resource Economics.

Haluza-Delay, Randolph, PhD (Western Ontario); Adjunct Professor; Environmental Sociology.

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

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

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

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

Mitchell, Ross, PhD. (Alberta); Adjunct Professor; Environmental Sociology.

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

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

Sharma, Sangita, PhD (Manchester); Adjunct Professor; Aboriginal Health and Nutrition.

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

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

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

Yemshanov, Denys, PhD (Dnipropetrovsk, Ukraine); Adjunct Professor; Ecology and Forest Modelling.

### **Professor Emeriti**

Gill, Dhara S., PhD (Cornell); Professor Emeritus; Rural Sociology.

Hawkins, Murray H., (Ohio State); Professor Emeritus; Farm Management, Agricultural Marketing and Cooperatives

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

Phillips, William E., PhD (California at Berkeley); Professor Emeritus; Resource Economics.

Richter, Joseph J., PhD (Grazia, Austria); Professor Emeritus; Agricultural Economics.

Veeman, Michele M., PhD (California at Berkeley); Professor Emerita; Markets, Policy, Trade.

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

### **Sessional Instructors, Lecturers, and Research Fellows:**

Anderson, Jay; Research Associate/Sessional Lecturer/Post Doctorate Fellow  
Arnot, Christopher; Research Associate  
Bott, Gregory; Sessional Lecturer  
Burden, Robert, Sessional Lecturer  
Caine, Ken; Sessional Lecturer/Post Doctorate Fellow  
Hauer, Grant; Research Associate  
Hierlmeier, Jodi; Sessional Lecturer  
Jones, Kevin; Research Associate  
Lee, Gordon; Sessional Lecturer  
Perger, Orsolya; Research Associate  
Volinskiy, Dmitriy; Post Doctoral Fellow/  
Zhang, Jing; Research Associate/Post Doctorate Fellow

### **Support Staff:**

Fatemi, Sarah; Department and Financial Administrator  
McClelland, Robin; Graduate Student Service Coordinator  
Page, Randy; LAN Administrator  
Pelley, Arlene; Undergraduate and Departmental Administrative Assistant, Administrative Assistant to the Chair  
Woo, Jenny; Communications Coordinator and Administrative Assistant (until June 2010)  
Zrobok, Dawn; Reading Room Supervisor (retired October 2010)

### **Contract Support Staff:**

Fabro, Michelle; Assistant to the Senior Administrator  
Lambert, Brett; Reading Room & Communications Coordinator (joined October 2010)  
Morris, Andrea; Graduate Student Support Coordinator (part-time; joined October 2010)  
Parkatti, Jennifer; Graduate Student Support Coordinator (part-time; joined October 2010)



## **Awards to Graduate Students in 2010:**

<b>Name</b>	<b>Award</b>
<b>Amati, Cynthia</b>	Provost Doctoral Entrance Award
<b>Cagdas, Ali</b>	Queen Elizabeth II Graduate Scholarship (Doctoral Level)
<b>Chenard, Carolyn</b>	Queen Elizabeth II Graduate Scholarship (Master's Level)
<b>Entem, Alicia</b>	Bank of Montreal Scholarship
<b>Harper, Dana</b>	James Copeland Graduate Scholarship J. Armand Bombardier Canada Graduate Scholarship – Master's Walter H. Johns Graduate Fellowship
<b>Halter, Gaylene</b>	Rogers Sugar Scholarship
<b>Hossack, Fiona</b>	John Proskie Memorial Scholarship
<b>Kaczan, David</b>	Alberta Agricultural Economics Association Travis W. Manning Book Prize
<b>Kanjilal, Manikarnika</b>	Syngenta Graduate Scholarship in Sustainable Agriculture
<b>Kits, Gerda</b>	Henry Kroeger Memorial Graduate Scholarship
<b>Miller-Tait, Evan</b>	Queen Elizabeth II Graduate Scholarship (Master's Level)
<b>Muringai, Violet</b>	Frank Aherne Graduate Scholarship
<b>Pergner, Orsolya</b>	Brett G. Cortus Graduate Memorial Scholarship
<b>Rasika, Jeewani</b>	Profiling Alberta's Graduate Students Award
<b>Romanowska, Patrycja</b>	Canadian Agricultural Economics Society's (CAES) Outstanding Master's Thesis Award (Co-winner)
<b>Schram, Craig</b>	Canadian Agricultural Economics Society's (CAES) Outstanding Master's Thesis Award (Honourable Mention)
<b>Schmidt, Caitlin</b>	Al Brennan Memorial Graduate Scholarship in Forestry
<b>Shams, Rifat</b>	University of Alberta Master's Scholarship
<b>Shewchuk, Pearce</b>	Alberta Education and Technology Graduate Student Scholarship
<b>St. Arnaud, Lee</b>	J. Armand Bombardier Canada Graduate Scholarship – Master's Travis W. Manning Book Prize Walter H. Johns Graduate Fellowship
<b>Xie, Shuoyi</b>	B.J. McBain Scholarship
<b>Zaki, Tarek</b>	Travis W. Manning Book Prize

## **Awards to Staff in 2010:**

**Debra Davidson** was appointed as the 2011/12 University of Alberta McCalla Professorship.

**Chokri Dridi, Scott Jeffrey, and Sandeep Mohapatra** were recognized by the Department Chair as Teachers of the Year for the Department of Rural Economy and named on the Teaching Wall of Fame for the 2009-2010 academic year.

**Sandeep Mohapatra** was awarded the NACTA (North American Colleges and Teachers of Agriculture) Teacher Recognition Award by the Faculty of Agriculture, Life and Environmental Sciences. He was also the recipient of the “Teacher of the Year” (Teaching Wall of Fame), 2010.

**Brenda Parlee** was awarded the Graduate Students’ Association Student Supervisor Award, which recognizes outstanding supervisors who perform in a manner above and beyond the usual duties.

**Jim Unterschultz, Terrence Veeman** and former student Bryce Stewart were given the Canadian Agricultural Economics Society’s (CAES) Outstanding Journal Article Award for the following article: Stewart, B., T. Veeman and J. Unterschultz. 2009. “Crops and Livestock Productivity Growth in the Prairies: The Impacts of Technical Change and Scale.” *Canadian Journal of Agricultural Economics*. 57(3): 379-394.

## **Professional Offices Held by Staff in 2010:**

**Adamowicz, Vic.** Vice President – Association of Environmental and Resource Economists. Editorial Board member, *Journal of Forest Economics*. Editorial Board, *Australian Journal of Agricultural and Resource Economics*. Member, Advisory Committee for the Environment and Economy Program for Southeast Asia. Member, Ecosystem Sciences and Management Working Group. Member, Research Network Committee of the Sustainable Prosperity Research and Policy Network.

**An, Henry.** Director-at-large, Alberta Agricultural Economics Association. Member, Agriculture Program Committee.

**Anders, Sven.** Member, Alberta Agricultural Economics Association (AAEA).

**Boxall, Peter.** Member, Watershed Evaluation of Beneficial Management Practices Integrated Modelling Subcommittee. Co-Leader of the Linking Environment and Agriculture Research Network (LEARN).

**Davidson, Debra.** Member, Interim Council and Chair, Membership Committee and Outreach Committee, Association for Environmental Studies and Sciences. Member, Endowments Committee for Rural Sociological Society. Director, Environmental Research and Studies Centre. Board of Directors, SPARK Renewable Energy Cooperative.

**Dridi, Chokri.** Member, Network for Business Sustainability (University of Western Ontario). Member, North Saskatchewan Watershed Alliance (NSWA) Society.

**Goddard, Ellen.** Member, Steering Committee Growing Food Security Alberta. Member, Organizing Committee for European Association of Agricultural Economists 115<sup>th</sup> Seminar.

**Krogman, Naomi.** Associate Editor, Canadian Journal of Forest Research. Elected Board Member, North Saskatchewan Watershed Alliance.

**Luckert, Marty.** Associate Editor, Canadian Journal of Forest Research. Associate Editor, Forestry Chronicle. Member, Scientific Advisory Board for Genome BC Applied Genomics Innovation Program. Resource person, Poverty and Environmental Network. Research Associate, Center for international Forestry Research. Resource Person, Centre for Environmental Economics and Policy in Africa. International Foundation of Science Advisor. Resource Person, Alberta Sustainable Resources Development.

**Marcoul, Philippe.** Associate Editor, Journal of Agricultural & Food Industrial Organization. Topic Leader, American Agricultural Economics Association, Canadian Agricultural Economics Society, & American Council of Consumer Interests joint meeting. Director-at-large, Executive Board, Alberta Agricultural Economics Association.

**Parkins, John.** Committee Member, Millar Western Forest Products, Public Advisory Committee.

**Rude, James.** Member, executive committee for Canadian Agricultural Trade Policy Research Network. Editorial Board member, Review of Agricultural Economics. Editorial Board Member, Journal of International Agricultural Trade and Development. Editorial Board Member, Estey Journal of International Law and Trade Policy.

**Steiner, Bodo.** President, Alberta Agricultural Economics Association.

**Swallow, Brent.** Distinguished Fellow, World Agroforestry Centre, Nairobi, Kenya.

### **Staff on Leave in 2010:**

Steiner, Bodo. February 22<sup>nd</sup> to June 30, 2010 (compassionate leave); July 1, 2010 to June 30, 2011 (sabbatical leave).

### **Student Activities:**

The 3<sup>rd</sup> annual Rural Economy Graduate Students Association (REGSA) was held on March 13 and 14, 2010. This year's theme was "Foundations, Growth, and Futures." The main themes of the conference included current research by graduate students in Rural Economy and the future of economic growth in developed and developing countries. The mandate of the REGSA conference is to allow students an opportunity to share their research with their peers, break their fear of public speaking, and improve their skills in preparing and delivering presentations and posters. This gives them a solid foundation for when they go on to attend large international conferences.

At this two day event, we hosted 11 student paper presentations and four poster presentations. The first day concluded with a reception and an address from Rural Economy Chair Dr. Brent Swallow titled "From Copenhagen to Mexico: What's Next for Land Use in Climate Change Negotiations?" The second day featured a keynote address from Dr. Peter A. Victor of York University titled "Managing Without Growth" and concluded with a panel discussion where other economists, sociologists, and industry people responded to his presentation. We continued the tradition of a best poster and best oral presentation competition. Four judges comprised of faculty and students made the following selections:

Best Oral Presentation: **Denise Maxwell**, “*Household Food Expenditures and Management of Type II Diabetes*”

Best Poster: **Violet Muringai**, “*Consumers’ Recall Of Media Coverage of Food Safety Issues: Was BSE a Risk Issue in Canada?*”

The 3rd Annual Graduate Student Conference presentations were:

- **Chamanifard, Maryam**. “Consumer Perceptions and Attitudes towards Healthy Eating in Canada.”
- **Feulefack, Joseph**. “The Economic Impacts of HIV/AIDS Treatment on Household Livelihoods in Uganda.”
- **Gados, Alicja**. “An Evaluation of the Forest Stewardship Council’s (FSC) Business Development Plan, Phase II: Reaching the Institutional “Green” Consumer.”
- **Lyon, Chris**. “Social Resilience and Transition in Forestry Communities coping with Mill Closure.”
- **Ma, Lifan**. “Consumer Preferences for Organic and Traditionally Raised Pork.”
- **Matin, Anahita**. “Consumer food values in Canada.”
- **Maxwell, Denise**. “Household Food Expenditures and Management of Type II Diabetes.”
- **McMillan, Roger**. “The Social Roles of Country-food Distribution in Fort Good Hope.”
- **Myae, Aye Chan**. “Consumers’ beliefs and perceptions about food safety and traceability: an explanatory analysis.”
- **Pascoe, Katherine**. “Deer Hunting in Alberta.”
- **Trautman Lasp, Dawn**. “Benefit and cost tradeoffs of best management practices adoption on Alberta crop farms.”

The 3rd Annual Graduate Student Conference posters were:

- **Chiu, Angie**. “Understanding the importance of caribou in the diets of households in Canada.”
- **McMillian, Roger**. “Resilience to caribou population decline in Fort Good Hope through sharing.”
- **Muringai, Violet**. “Consumers’ Recall of Media Coverage of Food Safety Issues: Was BSE a Risk Issue in Canada?”
- **Packman, Katherine**. “Cost of supplying wetlands in the agricultural landscape.”

In April 21, 2010, REGSA gathered together to elect its new Executive. The new elected REGSA executive for 2010/2011 is:

Chair: David Zinner

Vice-Chair: David Kaczan

VP Finance: Dana Harper

VP Social: Yvette Thompson

VP Sport: Caitlin Schmidt

VP Communication: Kara Barnes

VP Dragon Boat: Alicia Entem

GSA Reps: Abby Horne & Kara Barnes

Seminar Committee: Caitlin Schmidt

Teaching/Policy Committee: Wayne Crosby

Computing Committee: Violet Muringai

Research and Extension Committee: Orsolya Perger  
Canadian Agricultural Economics Society Representative: Waseem Ahmed  
Member at Large: Zoya Komirenko

On October 1, 2010, the Rural Economy Graduate Students' Association (REGSA) hosted the second annual Rural Economy Heritage Night at Dewey's on the University of Alberta campus. With a variety of international foods and beverages, cultural experiences, door prizes, and many heritage booths, Heritage Night showcases the diverse international community within the department. Edmonton-based Calypso/reggae band Catalyst was the musical entertainment for the evening.

On August 3, 2010, staff and students from the Department of Rural Economy and the Faculty of Agricultural, Life and Environmental Sciences participated in the 3<sup>rd</sup> annual Rural Economy Graduate Students Association (REGSA)/Kingman Crop Marketing Club Farm Tour. It was held in the Kingman area of Alberta, about 40 km east of Camrose. The tour was organized with a group of farmers led by Will Pattison, father of John Pattison. Both Will and John are alumni of Rural Economy. The event brought professors and students out of their offices and classrooms and into the field where they visited a number of farms and took part in a barbeque lunch. This was a good opportunity to see the practices of Alberta agriculture, valuable to many of our students from other places and undertaking research on prairie agricultural practices.

The 2010 Dragon Boat Festival was held the weekend of August 20th - August 22st at Louise McKinney Park on the North Saskatchewan River. Weekly practices are a chance for department members to enjoy time together on the water; and the festival is a chance to show off the results of all the hard work and dedication put in by committed team members. Team Cortus brought home hardware. The team won bronze in the Edmonton A Division. They posted a blazing time of 2:41:96 – the fastest in Team Cortus's history – in the Saturday morning qualifying heat. The team raced again on Saturday afternoon and posted a respectable time of 3:10:66 in their second qualifying heat. The combined Saturday times resulted in the team being placed in the Edmonton A Division - moving up 2 divisions from the previous year's festival – where they would compete for a medal during Sunday's races. Sunday morning saw the team post a time of 2:51:27 resulting in their placement in the afternoon's medal race where they posted a time of 2:53:42 that was good for bronze.

On August 24, 2010, over 20 students, staff and friends of Rural Economy got the opportunity to visit the Edmonton Waste Management Centre – North America's largest collection of modern, sustainable waste processing, and research facilities. They toured the 233-hectare site and got to see several of the processes on their site including where the household recyclables are sorted, where the old electronics are disassembled, and the landfill gas recovery system. They saw the site where construction has started on the world's first industrial scale municipal waste-to-biofuels facility. Many students here at Rural Economy are studying the effects and impacts of human resource use on the environment and society. It was an exciting opportunity for us to visit this unique combination of leading-edge waste management facilities that boasts a strong commitment to advanced research, development and teaching.

Over the summer months of 2010, the REGSA executive held a series of barbecues on a

monthly basis to great acclaim by faculty and students alike. Food was catered by REGSA and the events took place on the patio Level of the Agriculture/Forestry building in the sunshine.

In October 2010, REGSA VP Finance Dana Harper attended the Second Annual University of Alberta Oil Sands Student Delegation trip to Fort McMurray. It was organised by a campus student group that provides campus student leaders with an opportunity to learn more about the oil sands.

During the 2010 Christmas season, students' office doors were decorated to the hilt with festive colours in a friendly competition to spread the holiday spirit among the Department. Room 555's door (which is occupied by Caitlin Schmidt, Yvette Thompson, and others) was the winning door.

## **Graduate Students Completing Programs in 2010, Thesis Titles and Supervisors:**

**Aubeeluck, Ashwina**, MSc thesis in Agricultural and Resource Economics, August 12, 2010. "A Comparative Analysis of Consumer Attitudes Towards Food Safety, Animal Testing and Traceability in the Meat Industry: Japan and Canada." (Supervisor: Ellen Goddard)

**Bott, Gregory**, MSc thesis in Agricultural and Resource Economics, September 2, 2010. "The Effects of a Quality Grading System on the Development of Consumer Driven Best Practice Value Chains: The Example of Meat Standards in Australia." (Supervisor: Sven Anders)

**De Rossi, Barbara**, MSc thesis in Rural Sociology, June 30, 2010. "Public Attitudes Towards Climate Change in Alberta." (Supervisor: Debra Davidson)

**Ding, Yulian**, PhD thesis in Agricultural and Resource Economics, September 1, 2010. "Three Essays on Consumer Behavior and Food Risks." (Supervisors: Michele Veeman, Vic Adamowicz)

**Dollevoet, Bradley**, MSc thesis in Agricultural and Resource Economics, September 28, 2010. "Farm Wealth Implications of Ecological Goods and Services Practices and Policies." (Supervisor: Scott Jeffrey)

**Fernando, Jeewani**, PhD thesis in Agricultural and Resource Economics, August 10, 2010. "Three essays on Canadian household consumption of food away from home (FAFH) with special emphasis on health and nutrition." (Supervisor: Ellen Goddard)

**Isaac, Kendra**, MSc thesis in Rural Sociology, September 27, 2010. "Governance Institutions and the Capacity to Adapt to Climate Change in Two Rural Communities in Alberta." (Supervisor: Debra Davidson)

**Matejovsky, Lukas**, MSc thesis in Agricultural and Resource Economics, January 25, 2010. "The Role of Entrepreneurship in Canadian Economic Growth." (Supervisor: Sandeep Mohapatra)

**Packman, Katherine**, MSc thesis in Agricultural and Resource Economics, August 24, 2010. "Investigation of Reverse Auctions for Wetland Restoration in Manitoba." (Supervisor: Peter Boxall)

**Petigara, Milap**, MSc thesis in Agricultural and Resource Economics, November 4, 2010. “An Input-Output Analysis of the Economic Impacts of Chronic Wasting Disease and Bovine Spongiform Encephalopathy in Alberta and Canada.” (Supervisor: Chokri Dridi)

**Shewchuk, Pearce**, MSc thesis in Agricultural and Resource Economics, April 22, 2010. “The Impact of Emission Compliance Costs on Investments in Alberta’s Oil Sands.” (Supervisors: Vic Adamowicz and Jim Unterschultz)

**Todd, Zoe**, MSc thesis in Rural Sociology, September 2, 2010. “Food Security in Paulatik, NT – Opportunities and Challenges of a Changing Community Economy.” (Supervisor: Brenda Parlee)

**Wang, Yihong**. MSc thesis in Agricultural and Resource Economics, January 20, 2010. “Valuation of Irrigation Water in Southern Alberta: A Stated Preference Approach. (Supervisor: Chokri Dridi)

**Wray, Kristine**, MSc thesis in Rural Sociology, November 9, 2010. “Ways we Respect Caribou: Hunting in Tetlit Zheh.” (Supervisor: Brenda Parlee)

**Yang, Jun**, PhD thesis in Agricultural and Resource Economics, August 24, 2010. “BSE Impacts on the Canadian Beef Industry - An Application of the Social Amplification of Risk Framework to Consumer and Producer Behaviour.” (Supervisor: Ellen Goddard)

**Zhang, Xu**, MSc thesis in Agricultural and Resource Economics, August 13, 2010. “Analysis of value added meat product choice behaviour by Canadian households.” (Supervisor: Ellen Goddard)

## **Graduate Students Commencing and Continuing Programs Through 2010 and Their Degree:**

Ahmad, Waseem, PhD, Agricultural and Resource Economics

Allen, Shannon, MSc, Agricultural and Resource Economics

Amati, Cynthia, PhD, Rural Sociology

Angell, Angela, MSc, Rural Sociology

Asselin, Andre, MSc, Agricultural and Resource Economics

Boyd, Curtis, MSc, Agricultural and Resource Economics

Broni, Emmanuel, PhD, Agricultural and Resource Economics

Cagdas, Ali, PhD, Agricultural and Resource Economics

Chamanifard, Maryam, MSc, Agricultural and Resource Economics

Chen, Qing, MSc, Agricultural and Resource Economics

Chenard, Carolyn, MSc, Rural Sociology

Chiu, Angie, MSc, Agricultural and Resource Economics

Crosby, Wayne, PhD, Rural Sociology

Dai, Yingchun, PhD, Agricultural and Resource Economics

Danso, George, PhD, Agricultural and Resource Economics

Dassanayake, Wijaya, PhD, Agricultural and Resource Economics

Diaz-Perez, Marcelo, MSc, Agricultural and Resource Economics  
Entem, Alicia, MSc, Agricultural and Resource Economics  
Feulefack, Joseph, MSc, Agricultural and Resource Economics  
Forbes, Keldi, MSc, Agricultural and Resource Economics  
Fufa, Adane, PhD, Agricultural and Resource Economics  
Gados, Alicja, MSc, Agricultural and Resource Economics  
Galaz, Juan Carlos, MSc, Agricultural and Resource Economics  
Habulin, Cory, MSc, Rural Sociology  
Halter, Gaylene, PhD, Rural Sociology  
Hanna, Tiarella, MSc, Agricultural and Resource Economics  
Harper, Dana, MSc, Agriculture and Resource Economics  
Horne, Abby, MSc, Forest Economics  
Hossack, Fiona, MSc, Agricultural and Resource Economics  
Hosseini Matin, Anahita, PhD, Agricultural and Resource Economics  
Hu, Wanjing, MSc, Agricultural and Resource Economics  
Huang, Huiting, MSc, Agricultural and Resource Economics  
Huang, Wenzhao, PhD, Agricultural and Resource Economics  
Huddart Kennedy, Emily, PhD, Rural Sociology  
Isaev, Nurlan, PhD, Rural Sociology  
Kaczan, David, MSc Agricultural and Resource Economics  
Kanjilal, Manikarnika, PhD, Agricultural and Resource Economics  
Kim, Hyun No, PhD, Agricultural and Resource Economics  
Kits, Gerda, PhD, Agricultural and Resource Economics  
Komirenko, Zoia, PhD, Agricultural and Resource Economics  
Lee, Gordon, PhD, Agricultural and Resource Economics  
Lyon, Christopher, MSc, Rural Sociology  
Ma, Lifen, MSc, Agricultural and Resource Economics  
Mather, Steven, PhD, Rural Sociology  
Maxwell, Denise, MSc, Agricultural and Resource Economics  
McMillan, Roger, MSc, Rural Sociology  
Miller-Tait, Evan, MSc, Agricultural and Resource Economics  
Minhas, Simrat, MSc, Agricultural and Resource Economics  
Moe, Aung, MSc, Agricultural and Resource Economics  
Monjur, Mohammad, MAg  
Muringai, Violet, PhD, Agricultural and Resource Economics  
Ndlovu, Patrick, MSc, Agricultural and Resource Economics  
Nicholson, Shawn, MSc, Agricultural and Resource Economics  
Olmos, Santiago, PhD, Rural Sociology  
Omosa, Eileen, PhD, Rural Sociology  
O'Shaughnessy, Sara, PhD, Rural Sociology  
Parker, Anastasia, MAg  
Parker, Leanna, PhD, INTD, Rural Sociology/Native Studies  
Pascoe, Katherine, MSc, Agricultural and Resource Economics  
Perger, Orsolya, PhD, Agricultural and Resource Economics  
Politylo, Bryn, MSc, Rural Sociology



Rawluk, Andrea, MSc, Rural Sociology  
Robertson, Susan, PhD, Agricultural and Resource Economics  
Robinson, William, MSc, Agricultural and Resource Economics  
Shaikenova, Anar, MBA/MAG  
Sham, Rifat, MSc, Rural Sociology  
Slavik, Daniel, MSc, Rural Sociology  
Song, Ge (Aaron), MSc, Rural Sociology  
Sun, Shaoyan (Sally), PhD, Agricultural and Resource Economics  
Thompson, Yvette, MSc, Agricultural and Resource Economics  
Trautman Laslop, Dawn, MSc, Agricultural and Resource Economics  
Truong, Thuy, PhD, Agricultural and Resource Economics  
Twine, Edgar, PhD, Agricultural and Resource Economics  
Wang, Ling, MSc, Agricultural and Resource Economics  
Wang, Qiqi, PhD, Rural Sociology  
Willwerth, Andrea, MSc, Agricultural and Resource Economics  
Wilson, Scott, MSc, Agricultural and Resource Economics  
Xie, Shuoyi, MSc, Agricultural and Resource Economics  
Zhu, Drew, PhD, Agricultural and Resource Economics  
Zinner, David, MSc, Agricultural and Resource Economics  
Zuo, Yi Joey, PhD, Agricultural and Resource Economics

### **Visiting Professors/Scholars:**

Lancsar, Emily, PhD. Senior Lecturer in Economics. Newcastle University Business School and Institute of Health and Society. August to November 2010.

Núñez Parrado, Daisy. Agronomist Engineer. Master in Rural Development Doctoral student in Doctorate Program on Forest Sciences at Universidad Austral de Chile, Valdivia, Chile. September to December 2010.

Zhou, Pigai, PhD. Central Party of the Communist Party of China School. January to June 2010.

### **Departmental Seminar Speakers Series and their Topics:**

**Dr. John Cranfield.** Professor, Department of Food, Agricultural and Resource Economics, University of Guelph. “Evaluating the Economic Benefits From the Canadian Beef Check-Off.” August 23, 2010.

**Michael Hill.** Head, Wetland Restoration—Saskatchewan, Ducks Unlimited Canada. “A Reverse Auction for Wetland Restoration in the Assiniboine River Watershed, Saskatchewan.” November 30, 2010.

**Dr. Jill Hobbs.** Professor and Department Head, Department of Bioresource Policy, Business & Economics, College of Agriculture and Bioresources, University of Saskatchewan. “Exploring Canadian Consumers’ Attitudes Toward Quality Verification.” September 1, 2010.

**Dr. Emily Lancsar.** Senior Lecturer in Economics. Newcastle University Business School and Institute of Health and Society. “Estimating choice models and welfare measures for single individuals.” September 22, 2010.

**Dr. Jayson Lusk**, Professor and Willard Sparks Endowed Chair, Department of Agricultural Economics, Oklahoma State University. "Influence of Identity and Market-Like Context on Selfishness, Altruism, and Inequality Aversion." February 23, 2010.

**Dr. James Murphy**, Rasmuson Chair of Economics, University of Alaska Anchorage. "Voluntary Approaches to Transitioning from Competitive Fisheries to Rights-Based Management: Bringing the Field into the Lab." April 8, 2010.

**Dr. Rodolfo M. Nayga, Jr.** Professor and Tyson Endowed Chair in Food Policy Economics, Department of Agricultural Economics and Agribusiness, University of Arkansas. "Can the National School Lunch Program Improve Children's Dietary Outcomes?" August 10, 2010.

**Dr. Veronika Nemes**. Department of Economics and Commerce, University of Melbourne. "Saving a Creek One Bid at a Time: A Uniform Price Auction for Stormwater Retention in Urban Catchments." March 17, 2010.

**Daisy Núñez Parrado**. Agronomist Engineer. Master in Rural Development Doctoral student in Doctorate Program on Forest Sciences at Universidad Austral de Chile, Valdivia, Chile. "Flexible substitution patterns in discrete choice modeling: Demand estimation for fishing sites in the Chilean Patagonia." November 29, 2010.

**Dr. Anna Roberts**. Senior Research Scientist, Future Farming Systems Research Division, Department of Primary Industries, Australia. "Experience from Australia in Cost-Effective Environment Investment." March 19, 2010.

**Dr. Sheona Shackleton**. Senior Lecturer, Department of Environmental Science, Rhodes University. "Linking livelihood and ecosystem vulnerability in Southern Africa: Consequences for conservation and development." October 13, 2010.

**Catalina Solano-Rivera, MA, MSc**. Knowledge Exchange Associate, Alberta School of Forest Science and Management, Department of Renewable Resources, University of Alberta. "Enhancing the value of research: is knowledge a public good?" November 9, 2010.

**Dr. Wendy Umberger**. Senior Lecturer, School of Agriculture, Food and Wine. University of Adelaide. "Determining the Relative Importance of Intrinsic and Extrinsic Attributes to Australian Beef Consumers: Is Presentation Everything?" August 31, 2010.

## **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 are for cooperatives or other organizations.

The Program had two PhD and two Masters students complete in 2010:

**Jeewani Fernando**, 2010. Three essays on Canadian household consumption of food away from home with special emphasis on health and nutrition, PhD. Jeewani is now employed as an economist with Alberta Agriculture and Rural Development.

**Jun Yang**, 2010. BSE impacts on the Canadian beef industry: an application of the social amplification of risk framework to consumer and producer behaviour, PhD. Jun has been employed as a Research Associate in the Department of Rural Economy, University of Alberta.

**Ashwina Aubeeluck**, 2010. A comparative analysis of consumer attitudes towards food safety, animal testing and traceability in the meat industry: Japan and Canada, MSc. Ashwina is now employed as an economist with Agriculture and Agri-Food Canada in Ottawa.

**Xu Zhang**, 2010, Analysis of value added meat product choice behaviour by Canadian households, MSc. Xu is now employed as an economist with Alberta Energy in Calgary.

Continuing PhD and Masters students are undertaking research in:

- willingness to pay for traceability and animal testing in the livestock and farmed cervid sectors
- strategic firm interactions in pricing, advertising and product quality in the Canadian meat industry
- political economy of BSE animal testing and traceability in Canada, Japan and the U.S.
- certification and consumer interest in credence production attributes in Canadian agriculture
- food away from home purchases and their drivers and implications for health
- food security and the potential impact of chronic wasting disease on food security in Northern Canada
- consumer interest in nanotechnology and cloning
- consumer demand for yogurt - why is it so different than the demand for other dairy products?
- valuing pork from different production systems – traditionally raised and conventional.

Students working in the Cooperative Program were well represented in various national and international professional meetings throughout the year. **Patrycja Romanowska**, MSc graduate 2009, received the Canadian Agricultural Economics Society MSc thesis award. Undergraduate student, **Haicong (Vince) Lei**, presented a paper entitled “Comparing Alberta University Student and General Population Awareness of Co-operatives” at the Undergraduate Student Paper Competition at the American Agricultural and Applied Economics Association undergraduate student paper competition. He won first Prize and his paper was published in the Agricultural and Applied Economics Association journal in December 2010. His paper was based on a survey he and a colleague conducted during the winter on the University of Alberta campus.

## **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 2008 to a 14 work station research facility.

With the advent of dual core processors and the reduction of hardware costs in 2009, we were able to upgrade the last six workstations to high performance dual core machines with 2GB RAM, enabling analysis of large data sets and GIS work on relatively low cost machines while still yielding good performance.

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 PCs and embedded touch screen devices.

The departmental file server has recently been replaced with a state of the art virtual machine running the Xen virtualization environment to provide increased reliability.

## **Publications Reported in 2010:**

### **Refereed Publications (Journal Articles, Books and Chapters in Books):**

**Anders, S.** and A. Moeser. 2010. "Consumer Choice and Health: The Importance of Health Attributes for Retail Meat Demand in Canada." *Canadian Journal of Agricultural Economics*, 58(2): 249-271.

**Anders, S.**, D. Souza-Monteiro and E. Rouviere. 2010. "Competition and Credibility of Private Third-party Certification in International Food Supply." *Journal of International Food & Agribusiness Marketing*, 22(3): 328-338.

Caine, K. and **N. Krogman**. 2010. "Powerful or Just Plain Power-Full?: A Power Analysis of Impact and Benefit Agreements in Canada's North." *Organization and Environment*. 23(1): 76-98.

Christensen, L., **N. Krogman** and **B. Parlee**. 2010. "A Culturally Appropriate Approach to Civic Engagement: Addressing Forestry and Cumulative Social Impacts in Southwest Yukon." *Forestry Chronicle*. 86(6): 723-729.

Crosby, W. and **J.R. Parkins**. 2010. "Responsibility and environmental governance: Exploring the changing social relations in developing sustainable forestry in Canada." Pp. 255-266. In McCauley, T. And J. Hill (eds.). *Canadian Society: Global Perspectives*. De Sitter Publications.

- Davidson, D.** 2010. "The applicability of the concept of resilience to social systems: Some sources of optimism and nagging doubts." *Society and Natural Resources* 23:1135-1149.
- Davidson, D.** 2010. "The Social Landscape." Pp. 171-186 in Sauchyn, D.J., Diaz, H. and Kulshreshtha, S. (editors). *The New Normal: The Canadian Prairies in a Changing Climate*. CPRC Press, Regina, SK.
- Davidson, D.** and Eva Bogdan. 2010. "Reflexive modernization at the source: Local media coverage of bovine spongiform encephalopathy in rural Alberta." *Canadian Review of Sociology* 47(4): 359-380.
- Dridi, C., W.L. Adamowicz** and A. Weersink. 2010. "Ranking Agricultural Economics Departments in Canada and Selected U.S. Universities." *Canadian Journal of Agricultural Economics* 58, 3:273-282.
- Dupont, D., **W. Adamowicz** and A. Krupnick. 2010. "Differences in Water Consumption Choices in Canada: the Role of Socio-demographics, Experiences, and Perceptions of Health Risks." *Journal of Water and Health*. 8: 671-686.
- Goodhue, R.E., Klonsky, K. and **S. Mohapatra**. 2010. "Can a Grower Education Program be a Substitute for a Regulation that Bans Pesticides? Evidence from a Panel Selection Model." *American Journal of Agricultural Economics* 92(4): 956-971.
- Goodhue, R.E., **S. Mohapatra** and G.C. Rausser. 2010. "Interactions between Incentive Instruments: Contracts and Quality in Processing Tomatoes." *American Journal of Agricultural Economics*. 92:1283-1293.
- Hatton MacDonald, D., N.D. Crossman, P. Mahmoudi, L.O. Taylor, D.M. Summers and **P.C. Boxall**. 2010. "The value of public and private green spaces under water restrictions." *Landscape and Urban Planning* 95(4):192-200.
- Hauer, G., S. Cumming, F. Schmiegelow, **W. Adamowicz**, M. Weber and R. Jagodzinski. 2010. "Tradeoffs between forestry resource and conservation values under alternate policy regimes: A spatial analysis of the western Canadian boreal plains." *Ecological Modelling*. 221: 2590-2603.
- Heckbert, S., **W. Adamowicz, P. Boxall** and D. Hanneman. 2010. "Cumulative Effects and Emergent Properties of Multiple-Use Natural Resources." G. Di Tosto and H. Van Dyke Parunak (Eds.): MABS 2009, LNAI 5683, pp. 1-13. Springer-Verlag Berlin Heidelberg.
- Isaev, N., M.R. Clark, **D. Davidson**. 2010. "Assessing opportunities and constraints in campus sustainability: The role of paper consumption." *Sustainability: The Journal of Record* 3(3):171-177.
- Johnson, F.R. and **W.L. Adamowicz**. 2010. "Valuation and cost-benefit analysis in health and environmental economics." pp. 79-96. Chapter 5 in *Applied Methods of Cost-benefit Analysis in Health Care*. E. Macintosh, ed. Oxford University Press.
- Joubert, B. and **Davison, D.** 2010. "Meditating constructivism, nature and dissonant land use values: The case of northwest Saskatchewan Metis." *Human Ecology Review* 17(1): 1-10.
- Komirenko, Z., **M.M. Veeman, J.R. Unterschultz**. 2010. "Do Canadian consumers have concerns about genetically modified animal feeds?" *AgBioForum* 13(3), pp. 242-250.

- Krogman, N.** 2010. "Symbolic Consumption." Entry in *The Green Series: Toward a Sustainable Environment. Green Cities (Volume IV)*. Ed. Paul Robins. Sage Publications. Electronic document.
- Mannix, A.E., **C. Dridi** and **W.L. Adamowicz**. 2010. "Water Availability in the Oil Sands under Projections of Increasing Demands and a Changing Climate: An Assessment of the Lower Athabasca Water Management Framework (Phase 1)." *Canadian Water Resources Journal* 35 (1): 29-52.
- Marcoul, P.** and L. Veyssiere. 2010. "A Financial Contracting Approach to the Role of Supermarkets in Farmer's Credit Access." *American Journal of Agricultural Economics*. 92(4): 1051-1064.
- Mohapatra, S.**, R.E. Goodhue, C.A. Carter and J.A. Chalfant. 2010. "Effects of Forward Sales in Spot Markets: Pre-Commitment Sales and Prices for Fresh Strawberries." *American Journal of Agricultural Economics* 92(1): 152-163.
- Parkins, J.R.** 2010. "The problem with trust: Insights from advisory committees in the forest sector of Alberta." *Society & Natural Resources*, 23, 1-15.
- Robson, M. and **J.R. Parkins**. 2010. "Taking the pulse of civic engagement in forest management." *The Forestry Chronicle*, 86(6), 692-696.
- Romero, L.F., M.J. Zuidhof, **S.R. Jeffrey**, A. Naeima, R.A. Renema and F.E. Robinson. 2010. "A Data Envelope Analysis to Assess Factors Affecting Technical and Economic Efficiency of Individual Broiler Breeder Hens." *Poultry Science*. 89: 1769-77.
- Rude, J.**, Harrison, D. and Carlberg, J. "Market Power in Canadian Beef Packing." *Canadian Journal of Agricultural Economics*. DOI: 10.111/j. 1744-7976.2010.01204.x (Article first published online: 23 Nov 2010).
- Ruzante, J., V. Davidson, J. Cranfield, J. Caswell, A. Fazil, S. Henson, **S. Anders**, C. Schmidt & J. Farber. 2010. "A Multi-Factorial Risk Prioritization Framework for Foodborne Pathogens." *Risk Analysis*, 30(5): 724-742.
- Schaufele, B., M. McMillan, **P. Boxall**, **W. Adamowicz** and C.S. Rivera. 2010. "Measuring social preferences in groups versus as individuals: income inequality aversion using the leaky-bucket method." *Journal of Applied Economics and Policy* 29(1): 1-14.
- Schaufele, B., **J.R. Unterschultz**, T. Nilsson. 2010. "Agri-Stability with catastrophic price risk for cow-calf producers." *Canadian Journal of Agricultural Economics* 58(3), pp. 361-380.
- Schneider, R.R., G. Hauer, **W. Adamowicz** and S. Boutin. 2010. "Triage for conserving populations of threatened species: The case of woodland caribou in Alberta." *Biological Conservation*. 143: 1603-1611.
- Berninger, K., **W. Adamowicz**, D. Kneeshaw and C. Messier. 2010. "Sustainable Forest Management Preferences of Interest Groups in Three Regions with Different Levels of Industrial Forestry: An Exploratory Attribute-Based Choice Experiment." *Environmental Management*. 46: 117-133.
- Smith, Elwin G., Mark E Eiswerth, and **T.S. Veeman**. 2010. "Current and Emerging Water Issues in Agriculture: An Overview," *Canadian Journal of Agricultural Economics* 58: 403-409.

**Steiner, B.**, F. Gao and **J. Unterschultz**. 2010. "Alberta consumers' valuation of extrinsic and intrinsic red meat attributes: A choice experimental approach." *Canadian Journal of Agricultural Economics*, 58(2): 171-189.

**Steiner, B.** and J. Yang. 2010. "How do consumers value credence attributes associated with beef labels since the North American BSE crisis of 2003?" *International Journal of Consumer Studies*, 34(4): 449-463.

Stewart, B., **T. Veeman**, **J.R. Unterschultz**. 2010. "Productivity growth, its causes and policy options: The case of prairie agriculture." *Prairie Forum* 34(2): 381-403.

**Swallow, B.M.**, B. Leimona, T. Yatich and S.J. Velarde. 2010. "The Conditions for Functional Mechanisms of Compensation and Reward for Environmental Services." *Ecology and Society* 15(4): 6. Available at: <http://www.ecologyandsociety.org/vol115/iss4/art6/>

**Veeman, T.S.** and R. Gray, "The Shifting Patterns of Agricultural Production and Productivity in Canada," Chapter 6 in *The Shifting Patterns of Agricultural Production and Productivity Worldwide*, Alston, Julian, Bruce Babcock, and Phillip Pardey (eds), CARD-MATRIC Electronic Book, Ames, IA: Center for Agricultural and Rural Development, 2010: 123-147.

Vertinsky, I. and **M.K. Luckert**. 2010. "Design of Forest Tenure Institutions: The Challenges of Governing Forests." Knowledge Exchange and Technology Extension Programme, Sustainable Forest Management Network, University of Alberta. 29pp.

### **Oral Presentations and Posters:**

**Adamowicz, W.** 2010. "Water consequences of Oil Sands development: an economic assessment of water management options." Presented at the conference "Economic Evaluations of Water/Energy Interactions of Policy." Arizona State University. April 20-21.

**Adamowicz, W.** 2010. "21<sup>st</sup> Century Stewardship." Presentation to the Premier's Council for Economic Strategy.

**Adamowicz, W.** "Wetlands Valuation: Challenges and New Perspectives." International Workshop on Wetlands Management, Economics and Policy Hotel Grand Pacific, Victoria B.C., January 13-15, 2010.

**Adamowicz, W.** 2010. "Environmental Economics Research." Presentation to the ALES Faculty Advisory Board. Dec. 2, 2010.

**Adamowicz, W.** 2010. "Environmental Valuation – Principles, Priorities and Perils." Presented to Casiope Workshop Series (Ontario Parks).

**Adamowicz, W.** 2010. "Adapting to Chronic Wasting Disease – Panel presentation." PrP Canada's Prion Research Conference. March 8-10 Ottawa.

**Adamowicz, W.** 2010. "Chronic Wasting Disease Impacts." PrP Canada's Prion Research Conference – Side Event on Socioeconomic Analysis. March 8-10 Ottawa.

**Adamowicz, W.** 2010. "Land Use Management: Global Forces and Local Institutions." Invited

Presentation to Plenary Session 1 – Canadian Institute of Forestry Annual conference, Jasper AB. September 26-27.

**Adamowicz, W.** and **P.C. Boxall.** Explorations of the difference between stated, revealed and inferred preferences.” 5<sup>th</sup> Annual Choice Modelling Workshop. July 22-23, 2010. University of South Australia.

**Adamowicz, W.** and S. Elgie. 2010. “Open Innovation and Developing a Collaborative Research Network.” Presented to the CCEMC (Climate Change Emissions Management Corporation) Workshop on Launching a network on Biological Opportunities for BIO-GHG management. Toronto. December 15-16, 2010.

**Adamowicz, W.** and G. Hauer (with F. Schmiegelow, S. Cumming, M. Weber and S. Boutin). 2010. “Ecological and economic tradeoff analysis of caribou conservation strategies.” Presentation to the Governance Board of the Alberta Caribou Committee. February 3, 2010.

**Adamowicz, W.** and G. Hauer (with F. Schmiegelow, S. Cumming, M. Weber and S. Boutin). 2010. “Ecological and economic tradeoff analysis of caribou conservation strategies.” Presentation to the Alberta Endangered Species Conservation Committee. September 29, 2010.

**Adamowicz, W.** and C. Messier. 2010. “Where are we going? The future of forestry in Canada – an academic perspective.” December 15, 2010. A Canada Wide Tele-Lecture (CIF e-Lecture series)

**Adamowicz, W.** 2010. Reflections on 20 years of natural resource and environmental economics: Developments trends and future directions.” Invited panel presentations to the Canadian Resource and Environmental Economics workshop. October 1-3, 2010. Guelph, Ontario.

Ambec, S., Langinier, C. and **P. Marcoul.** “Spatial Inefficiency of Genetically Modified and Organic Crops.” Canadian Economic Association Meeting, Quebec, QC, Canada, May 28-31, 2010.

Ambec, S., Langinier, C. and **P. Marcoul.** “Spatial Inefficiency of Genetically Modified and Organic Crops.” International Industrial Organization Conference, Vancouver, BC, Canada, May 14-16, 2010.

**An, H.** and R.E. Goodhue. “Technology Adoption and Product Differentiation – Market-Level Effects.” Presented at the Innovation Seminar Series, Department of Bioresources, Policy, Business & Economics, University of Saskatchewan. Saskatoon, SK. November 5, 2010.

**Anders, S.** 2010. “The German Pet Food Retail and Manufacturing Sector.” Presentation to Pet Food Industry Stakeholders during “The Innovators Euro Pet Food and Treat Mission.” Hotello, Munich, Germany.

**Anders, S.** 2010. “Best Practice Value Chain Development in Beef Marketing.” Network conference call presentation to FCC staff as part of FCC’s Red Meats Knowledge Network, September 29, 2010.

**Anders, S.** 2010. “Consumer Preferences for Innovation in Food Packaging – Results from US and Canadian Experiments Student and staff research seminar.” California Polytech State University, San Luis Obispo, CA. April 27-29, 2010.

**Anders, S.** 2010. “Differentiation and Coordination in Meat Value Chains – Putting Consumers First.” Invited Research Seminar, Department of Economics, Iowa State University, September 23, 2010.



**Anders, S., G. Bott, W. Umberger and B. Steiner.** 2010. "Novel Grading and Quality Standards: Insights from the Australian Meat Industry." Alberta Agricultural Economics Association (AAEA), Visions 2010 Conference, Red Deer, Alberta, May 6-7.

Angell, A. and **N. Krogman.** "Big Boys Don't Cry?: Exploring the Relationship between Rural Masculinity and the Well-being of Mobile Resource Workers in the Alberta Oil Sands." 16<sup>th</sup> International Symposium for Society and Resource Management. Sam Houston State University. Corpus Christi, Texas, June 9, 2010.

Angell, A. and **N. Krogman.** "Voices from the Shadows: Exploring the Identity and Well-being of Male Mobile Resource Workers in Fort McMurray, Alberta." Canadian Sociological Association Annual Meeting, 79<sup>th</sup> Congress of the Humanities and Social Sciences. Concordia University, Montreal, Quebec. June 4, 2010.

**Boxall, P.C.** "Economically efficient expansion of protected area networks: An empirical study in Ontario, Canada. Presented at the 3<sup>rd</sup> Annual Workshop of the Environmental Economics Research Hub, February 9, 2010, Adelaide SA Australia.

**Boxall, P.C.** "Public policy and valuation: An empirical, pragmatic, and hopefully accurate case study." Presented at the 5<sup>th</sup> Annual Choice Modelling Workshop, July 22, 2010, Adelaide SA Australia.

**Boxall, P.C.** "Economic and Social Impacts of the Chronic Wasting Prion Disease in Alberta." Presented at the Australian Agricultural and Resource Economics Society South Australian Branch Seminar Series, July 15, 2010, Adelaide, Australia.

**Boxall, P.C.** "Wetlands, Conservation and Land Use." Presented at the 2010 Annual Meeting of the Alberta Agricultural Economists Society, May 6, 2010, Red Deer.

**Boxall, P.C.** "Wetlands Conservation, BMPs and Economic Incentives to Change Land Use." Presented at the East Kootenay Conservation Program's Workshop on "The Economics of Private Land Conservation," October 27, 2010, Cranbrook, B.C.

Cash, S., **W. Adamowicz** and G. Mendoza. 2010. "Willingness of households in informal settlements to pay for water supply improvements." Presented at the World Congress of Environmental Economics. Montreal June 28 – July 1.

Chiu, A. and **E. Goddard.** 2010. "Caribou Consumption in Northern Canadian Communities." Poster presented at the PrioNet/APRI Annual Scientific Meeting, Vancouver, October 25-26.

Fernando, J. And **E. Goddard.** 2010. "Do Attitudes, Perception and Nutrition Information Affect Consumer Purchases of FAFH in Canada?" Poster presented at the joint American Agricultural Economics Association/Canadian Agricultural Economics Society/Western Agricultural Economics Association Annual Meeting, July 2010, Denver, Colorado. (Abstract refereed and poster can be found at <http://ageconsearch.umn.edu/bitstream/61806/2/FAFH%20poster.pdf>)

Chiu, A., **E. Goddard, B. Parlee,** S. Sharma. 2010. "Understanding the Importance of Caribou in the Diets of Households in Northern Canada." Poster presented at PrP PrioNet 2010, March, Ottawa, Canada.

Crosby, W. and **J.R. Parkins.** 2010. "Responsibility and environmental governance: Exploring the changing social relations in developing sustainable forestry in Canada." *Canadian Sociology Association, Annual Meeting*, Concordia University, May 30 – June 3.

Danso, G. and **C. Dridi**. "Irrigation Technology Adoption and Crop Choices: Gains from Water Trading with Farmer Heterogeneity in Southern Alberta, Canada." Presented to the 4<sup>th</sup> World Congress of Environmental and Resource Economists, June 28 – July 2, 2010, Montreal, Quebec.

**Davidson, D.** 2010. "The applicability of the concept of resilience to social systems: Sources of optimism, nagging doubts." Presented at the Annual Meetings of the Association for Environmental Studies and Sciences. Portland, OR, June 18-20.

**Davidson, D.** and M. Gismondi. 2010. "The Voices of Discontent: Countering Hegemonic Discourses in Tar Sands Politics." Presented at the World Congress of Sociology, Gotherborg, Sweden, July 10-15.

**Davidson, D.** 2010. "The Said and the Unsaid: Disproportionality and How it is Supported through Discourse." Presented at Freudenfest: A Symposium to Honor William R. Freudenburg's Scholarly Contributions, University of California, Santa Barbara, November 6.

**Davidson, D.** 2010. "Nuclear Power in Alberta." Presented at the Workshop by the same name, sponsored by the ERSC. University of Alberta, January 31.

**Davidson, D.** 2010. "Municipal Planning for Climate Change Adaptation: From Sustainability to Resilience." Local Government Administration Association Conference, Red Deer, March 18.

**Davidson, D.** 2010. "Nuclear Power and Climate Change." Presented to the City Region Studies Centre Local Planning Symposium, University of Alberta, June 25.

**Davidson, D.** 2010. "A Discussion of the Prospects for Nuclear Power in Alberta." Presented to the National Farmer's Union, February 8.

**Davidson, D.**, U. Chakravorty, **J.R. Parkins** and R. Haluza-Delay. 2010. "Nuclear energy in Alberta: What you need to know." *Symposium on Nuclear Power in Alberta*, January 31, Horowitz Theatre, University of Alberta.

Ding, Y., **M.M. Veeman** and **W.L. Adamowicz**. "The Roles of Generalized Trust and Trust in the Food System On Consumers' Food Choices." Selected paper presented at Joint Annual Conference of the AAEA, CAES and WAEA, Denver, Colorado.

Dorow, S. and **N.T. Krogman**. "Social Impacts of Oil Sands Development: Research on Fort McMurray." University of Alberta School of Energy and Environment Lecture Series, Edmonton, AB, February 2010.

**Dridi, C.** 2010. "An Overview of the Canadian Environmental Policy with an Albertan Perspective." Guest lecture at Meiji University (Tokyo, Japan) as part of the Japan-Canada Consortium Forum: Environmental Policy with an Albertan Perspective.

Fernando, J., **E. Goddard**, **S. Mohapatra** and **J. Rude**. "Demand for Nutrients in Chain Restaurants in Canada." Paper presented at the joint American Agricultural Economics Association/Canadian Agricultural Economics Society/Western Agricultural Economics Association Annual Meeting, July 2010, Denver, Colorado.

**Goddard, E.**, V. Muringai, A. Aubeeluck, A.C. Myae. 2010. "Long Term Changes in Consumer's Trust

and Purchases of Meat Resulting from BSE Outbreaks: Japan, Canada and the U.S. Poster presented at PRION 2010 – Salzburg, Austria, September 8-11.

**Goddard, E.** “Consumers and Voluntary Fortification of Foods.” Presentation at the Think Tank on Expanded Addition of Vitamins and Mineral Nutrients to Food. Health Canada. February 16, 2010. Toronto.

**Goddard, E.,** A. Aubeeluck, V. Muringai, **V. Adamowicz.** “Canadian Public Awareness of and Concerns about Chronic Wasting Disease.” Presentation at PrP PrioNet 2010 Annual Meeting, March 9, 2010.

**Goddard, E.** “Society’s Expectation from Agriculture, Agriculture and Agri-Food Canada.” Planning for the Next Round of Ag Policy Framework Meeting. March 9, 2010. Ottawa.

**Goddard, E.** “The Economics Side of the Implications of Live Animal Testing for BSE.” Presented at the PrioNet SYPA Virtual Science Café Workshop, March 18, 2010 – Edmonton, Lethbridge, Ottawa virtual connection.

**Goddard, E.** “Food Safety, Animal Diseases, Health and Meat Consumption in Canada.” Presentation at the Alberta Agricultural Economics Association Annual Meeting, May 6, 2010, Red Deer, Alberta.

**Goddard, E.** “Identifying Characteristics that Consumers Value: The Case of Canadian Pork, presentation at the Alberta Livestock Genomics Program Annual General Meeting, May 11-13, 2010. Calgary.

**Goddard, E.,** J. Fernando, and W. Huang. “Public – Private Roles.” Presentation at the Farm and Food Policy and Obesity conference held at the University of California at Davis, May 21-22, 2010.

**Goddard, E.** “Are health and food safety concerns changing consumer demand for poultry products?” Presentation at the Poultry Research Centre Annual General Meeting, May 27, 2010.

**Goddard, E.** “Canadian Public Awareness of and Concerns About TSEs” BSE and Chronic Wasting Disease.” Presentation at the 9<sup>th</sup> Annual Meeting of the Canadian Animal Health Laboratorians Network (CAHLN), June 7, 2010.

**Goddard, E.** “Food and Health: Opportunities and Challenges.” Presented to the Annual Meeting of the Provincial Agriculture Organizations responsible for the distribution of CAAP funding, organized by the Territorial Farmer’s Association, Hay River, NWT, August 17-18.

**Goddard, E.** “Understanding the Importance of Caribou in the Diets of Households in Selected Communities in Northern Canada: Research Report.” Presented at the PrioNet/APRI Annual Scientific Meeting, Vancouver, October 25-26, 2010.

**Goddard, E.** “Integrating Genomics, Meat Science, Consumer Science and Economics to Add Value to Alberta’s Hog Sector.” Presentation to the Swine Breeder’s Association Annual Meeting, March 30, 2010. Ottawa.

**Goddard, E.** and J. Fernando. “Turkey Markets: Pricing Movements and FAFH Behaviour.” Presentation at the Alberta Turkey Producers Annual Meeting February 23, 2010.

**Goddard, E.,** J. Fernando, A. Farmer, D. McCann Hiltz, D. Chase and W. Huang. “Canadian Food Away from Home Purchases and Health.” Presented to Alberta Agriculture and Rural Development. September

30, 2010.

**Goddard, E.** A.C. Myae, and **V. Adamowicz.** “Canadian Risk Perceptions and Behaviour with respect to Cervid Meats.” Presentation to the Annual Meeting of the Alberta Elk Commission. March 26, 2010. Edmonton.

**Goddard, E.** and **B. Parlee.** “Alberta Aboriginal Perspectives on CWD.” Presented at the Chronic Wasting Disease Management Satellite Even, PrP PrioNet Canada 2010 Annual Meeting, March 10, 2010. Ottawa.

**Goddard, E.** and X. Zhang. “Effective Advertising and Promotion of Pork in a Challenging Environment.” Presentation at the Bank Pork Seminar, January 21, 2010. Banff, Alberta.

Hacault, A., **J. Rude,** and J. Carlberg. *Impact of Market Access Reforms on the Canadian Dairy Industry,* AAEA poster, Agricultural & Applied Economics Association Annual Meetings, Denver, July 26, 2010.

Hailu, G. and **E. Goddard.** “Changing Egg Demand in Canada: Do Advertising and Health Message Contents Matter?” Presented at the joint EAAE/AAEA Seminar, Economics of Food, Food Choice and Health, Freising, Germany, September 15-17, 2010.

Hueth, B. and **P. Marcoul.** “The producer Cooperative as monitored Credit.” Agricultural Economics Department, University of Minnesota March 2009.

Jagger, P. **M.K. Luckert,** A. Banana and J. Bahati. “What should we really be asking? Aggregated (PRA) vs. disaggregated (PEN) responses to household livelihood questionnaires.” Invited presentation to the Centre for International Forestry Research. Bogor, Indonesia. October 14, 2010.

Kennedy, E.H. and **N. Krogman.** 2010. “Fostering a culture of sustainable consumption: Individuals and the role of morality.” *European Roundtable on Sustainable Consumption and Production.* October 25-29, 2010, Delft, NL. Poster presentation.

Kennedy, E.H. and **N. Krogman.** 2010. “Reclaiming consumption Quality, quantity, sustainability.” *European Roundtable on Sustainable Consumption and Production.* October 25-29, 2010, Delft, NL.

Kennedy, E.H., **N. Krogman** and H. Krahn. Presentation of Sustainable Consumption SSHRC results to Alberta, Environment, Education & Outreach. November 8, 2010.

Kennedy, E.H., **N. Krogman** and H. Krahn. Presentation of Sustainable Consumption SSHRC results to the Edmonton Federation of Community Leagues. September 1, 2010.

**Krogman, N.** “Student engagement in Undergraduate Research.” Panel participation in CaPS sponsored talk. November 3, 2010.

**Krogman, N.** “Environmental and Rural Sociology Research.” Presentation given to the Faculty Advisory Committee for the Faculty of ALES. December 2, 2010.

**Krogman, N.,** S. Clare, N. Lemphers and L. Foote. “The Policy Failures of Avoidance in Wetland Policy.” International Symposium for Society and Natural Resources.” Corpus Christ, Texas, June 8, 2010.

**Krogman, N.** “Mongolia in Transition: Herder mobility and stability.” Edmonton Life Long Learner’s Association. May 12, 2010.

**Krogman, N.** “Motivations and Barriers to Sustainable Consumption.” Edmonton Life Long Learner’s Association. May 13, 2010.

**Krogman, N., N. Lemphers, L. Foote, S. Clare.** “The Policy Failures of Wetland Avoidance.” Social and Economic Values of Wetlands Conference.” Victoria, BC. January 15, 2010.

**Krogman, N., M. Luckert** and R. Mitchell. Panel Members to respond to teleconference Rural Economy Graduate Students Association (REGSA) talk by P. Victor on “Managing Without Growth.”

Langinier, C. and **P. Marcoul.** “Subjective performance of patent examiners and implicit contracts.” Canadian Economics Association Annual Conference, Quebec, May 28-30, 2010.

Langinier, C. and **P. Marcoul.** “Subjective performance of patent examiners and implicit contracts.” International Industrial Organization Conference, Vancouver, BC, Canada, May 14-16, 2010.

Langinier, C. and **P. Marcoul.** “Subjective Performance of Patent Examiners and Implicit Contracts,” October 2010. Department of Economics, University of Calgary.

**Luckert, M.K.** “Modeling Changes in Land Use and Carbon in Alberta.” Presentation to the Institute for Land Use Innovation, Research Overview and Planning meeting. University of Alberta, Edmonton, December 20, 2010.

**Luckert, M.K.** “Policies and practices for forest value chain optimization.” Invited presentation to the North American Forest Commission and Society of American Foresters Workshop: “Adding Value to North American Forests,” October 30, 2010, Albuquerque, NM, USA.

**Luckert, M.K.** “Economic and policy issues/instruments for shared interprovincial and interagency landscapes.” Invited presentation to the Yellowhead Ecosystem Group – Headwaters Ecosystem Project Formative Workshop, Palisades Centre, Jasper National Park, April 28, 2010.

**Luckert, M.K.** “Managing Tenure to Encourage Adaptability while Maintaining Confidence in Fibre Security.” Invited presentation to the Forest Policy Option Review hosted by Alberta Sustainable Resource Development, Edmonton, April 27, 2010.

Ma, L. and **E. Goddard.** “Consumer preference and willingness to pay for quality assurance, country of origin labelling and production practice certification of pork in Alberta.” Poster presented at the Alberta Agricultural Economics Association Annual Meeting, May, 2010, Red Deer, Canada.

Ma, L., **E. Goddard, S. Anders,** H. Bruce, G. Plastow, S. Moore, J. Janz. “Integrating Genomics, Consumer Sensory and Economic Valuation of Pork Chops: How Important are Consumers’ Prior Beliefs?” Poster presented at the Alberta Livestock Genomics Program Annual General Meeting, May 11-13, 2010, Calgary, Canada.

Matin, A. and **E. Goddard.** “Does Food Technology Neophobia Affect Canadian Consumer Interest in Novel Foods?” presented at the NEC-63 meeting: Economics of Improved Food Safety Practices, Monterey, California, September 26-28, 2010.

McMillan, R. and **Parlee, B.** “Sharing of Caribou Meat in the Sahtu community of Fort Good Hope.” (Session 6.2: The Dynamics of Local ‘Rules’ Governing Community-Caribou Relations in the Western Arctic – A Discussion on Ecological Variability and Common Pool Resource Institutions, Chair **B. Parlee**). *North American Regional Meeting of the International Association for the Study of the Commons (IASC)*. Tempe, September 30 – October 3, 2010.

Muringai, V. and **E. Goddard.** “Consumers’ Recall of Media Coverage of Food Safety Issues: Was BSE a Risk Issue in Canada?” Poster presented at PrP PrioNet 2010, March, Ottawa, Canada.

Muringai, V. and **E. Goddard.** “Comparison of Consumers’ Concerns About Genetically Modified Foods and Perceptions About GM Labelling in Canada and Japan.” Poster presented at the Alberta Livestock Genomics Program Annual General Meeting, May 11-13, 2010, Calgary, Canada.

Muringai, V., **E. Goddard,** and A. Aubeeluck. 2010. “Consumers’ Understanding and Concerns About BSE: Comparison Between Canada, US, and Japan.” Poster presented at the PrioNet/APRI Annual Scientific Meeting, Vancouver, October 25-26.

Muringai, V. and **E. Goddard.** “Canadian Consumer Concerns about Food Safety Issues and Confidence in Food Products: Comparison of Beef and Pork.” Paper presented at the joint American Agricultural Economics Association/Canadian Agricultural Economics Society/Western Agricultural Economics Association Annual Meeting, July 2010, Denver, Colorado. (Abstract refereed, 28 page paper can be found at <http://ageconsearch.umn.edu/bitstream/61878/2/CAES-11864.pdf>)

Myae, A.C. and **E. Goddard.** “Consumers’ beliefs and perceptions about food safety and traceability: an exploratory analysis.” Poster presented at PrP PrioNet 2010, March, Ottawa, Canada.

Myae, A.C. and **E. Goddard.** “Consumers’ behaviour with respect to trust in institutions and demographics: the special case of consumers who eat bison, elk and venison.” Poster presented at the Alberta Agricultural Economics Association Annual Meeting, May, 2010, Red Deer, Canada.

Myae, A.C. and **E. Goddard.** “Consumers’ behaviour with respect to meat demand in the presence of animal disease concerns: the special case of consumers who eat bison, elk, and venison.” Poster presented at the joint American Agricultural Economics Association/Canadian Agricultural Economics Society/Western Agricultural Economics Association Annual Meeting, July 2010, Denver, Colorado. (Abstract refereed and poster can be found at <http://ageconsearch.umn.edu/bitstream/61468/2/11411.pdf>)

Myae, A.C. and **E. Goddard.** 2010. “The linkage between consumer confidence in the safety of food and demand for farm-to-folk traceability system.” Presented at the NEC-63 meeting: Economics of Improved Food Safety Practices, Monterey, California, September 26-28, 2010.

Packman, K. and **P.C. Boxall.** 2010. “Cost of Wetland Restoration: An Examination of the South Tobacco Creek Watershed.” Presented at the Canadian Water Resources Association (CWRA) 2010 Alberta Branch Conference: Innovation...Adding Science to Water. March 28-30, 2010.

**Parkins, J.R.** 2010. “Recent success and ongoing challenges for community forestry in Canada.” *International Conference on Community Forestry*, Taipei, Taiwan, December 8.

**Parkins, J.R.** “Social context of resource dependent communities.” Presented to the *Canadian Senator’s Alberta Oil Sands Tour*, McDougal Centre, Calgary, Alberta, August 22, 2010.

**Parkins, J.R.** “Enabling conditions for successful community economic transition.” Presented to the *Alberta Development Officers Association (ADOA)*, October 6, 2010 Lloyminster, Alberta.

**Parkins, J.R., M. Patriquin, and R.C. Stedman.** 2010. “Industrial agriculture and community outcomes: A study of Goldschmidt’s hypothesis in rural Canada.” *Socio-economics Conference, Statistics Canada*, Ottawa, Ontario, April 30.

**Parlee, B.** “Cultural Continuity in Community-Caribou Relations: Gendered Perspectives on the Importance of Educating Younger Generations.” (Session 6.2: The Dynamics of Local ‘Rules’ Governing Community-Caribou Relations in the Western Arctic – A Discussion on Ecological Variability and Common Pool Resource Institutions, Chair **B. Parlee**). *North American Regional Meeting of the International Association for the Study of the Commons (IASC)*. Tempe, September 30 – October 3, 2010.

**Parlee, B.** “More on ‘I am not the Great Hunter, My Wife is...’: Gender and Traditional Knowledge in the Western Arctic.” *Aboriginal Women and Leadership Symposium*. Edmonton, March 26, 2010.

**Parlee, B.** “Multi Scale Landscape Perspectives of Teetl’it Gwich’in Women – Documenting Northern Landscapes and Environmental Knowledge – Community Collaborations, Resource Management and Looking Toward the Future.” *International Congress of Ethnobiology*. Tofino, May 9 – 14, 2010.

**Parlee, B.** and Whitehead, M. (Mikisew Cree First Nation Government and Industry Relations). “Multiple Paths to Sustainability: A Discussion on Aboriginal Community Involvement in Environmental Governance of Oil Sands Mining.” *Unwrap the Research*. Fort McMurray, October 22-24, 2010.

Pattison, J., **Boxall, P.C.** and **W. Adamowicz.** “Estimates of the Economic Values of Wetland Restoration and Retention Programs in Southern Manitoba.” International Workshop on Wetlands Management, Economics and Policy Hotel Grand Pacific, Victoria B.C., January 13-15, 2010.

**Rude, J.** and J-P. Gervais. 2010. *Detaching mCOOL Impacts on U.S.-Canada Bilateral Hog Trade Flows*. Paper selected for presentation in the session Current Issues in Canadian Agri-Food Trade, annual joint meeting of the AAEE/CAES/WAEA. Denver. July.

**Rude, J.** “Canadian BRM Programs” Policy Education Program, Department of Food, Agricultural and Resource Economics, November 17, 2010, Guelph, Ontario.

**Rude, J.** “How Well Have We Done & Where Should We Go from Here? Perspectives from Around the World” Theme Day: “Trade in Agriculture: So Much Done, So Much More to Do,” International Agriculture Trade Research Consortium Annual Meetings, December 12, 2010, Berkeley, California.

Salokangas, Raila and **Parlee, B.** “Arctic Peoples, Culture, Resilience and Caribou (ACRC) Communities and Caribou.” Poster Presentation – *International Polar Year Conference*. Oslo, Norway. May 4 – 5, 2010.

St. Arnaud, L. **M.K. Luckert** and **J. Unterschultz**. Invited presentation to the Al-Pac Poplar Research Meeting November 17, 2010, Athabasca, Alberta.

**Steiner, B.** “Benefit to poultry value chain participants of providing new producer incentives for improved quality.” Poster presented at the AGM of the Ag & Food Council.

**Steiner, B.** “Providing new producer incentives for improved quality: The case of Alberta Poultry.”

Poster presented at the Annual Conference of the Alberta Agricultural Economics Association in May, Red Deer.

**Swallow, B.M.** “Dynamics and Determinants of Chronic Poverty in Western Kenya: Starting Point, Location and Diversification.” Paper presented at the International Conference on Ten Years of the War on Poverty. Chronic Poverty Research Centre, Manchester, UK, September 8-10, 2010.

**Swallow, B.M.** “Institutions, behaviour and payments for biocarbon sequestration services: comparison of Africa and Alberta.” Paper presented at the Forum on Social Dimensions of Market-Based Environmental Incentives. Charles Darwin University, Darwin, Australia, November 18-19, 2010.

**Swallow, B.M.** “The institutions of land-based carbon credits: reflections from Africa and Alberta.” Paper presented at the Expert Convening on Soil Carbon, Carbon Sequestration and Carbon Credits. Bill & Melinda Gates Foundation, Seattle, USA, June 8-9, 2010.

**Swallow, B.M.** “Water, Gender, Collective Action and Human Well-Being: Case study from the Nyando River Basin in Western Kenya.” Presentation at the World Water Week Event, University of Alberta, 25 March 2010.

**Veeman, M.M., Y. Ding, and W.L. Adamowicz.** “The influence of attribute cutoffs on consumers’ choices of a functional food.” Selected paper presented at the The Economics of Food, Food Choice and Health: 115th EAAE and 1st joint EAAE/AAEA Seminar, Freising, Germany. September 15-17, 2010.

Voice of Community and Land Society (VOCAL) and **J.R. Parkins.** 2010. “The Story of VOCAL: Re-envisioning Non-Governmental Organizations in Governance for Sustainability. Taking the Next Steps: Sustainability Planning, Policy and Participation for Rural Canadian Communities.” October 21-23, Augustana Campus, University of Alberta.

Whittington, D. and **W. Adamowicz.** 2010. “The use of hypothetical baselines in stated preference surveys.” Presented at the World Congress of Environmental Economics. Montreal June 28 – July 1.

Wray, K. and **Parlee, B.** “Rules in Use Guiding Hunter Behaviour in the Porcupine and Bluenose West Range, NWT.” (Session 6.2: The Dynamics of Local ‘Rules’ Governing Community-Caribou Relations in the Western Arctic – A Discussion on Ecological Variability and Common Pool Resource Institutions, Chair **B. Parlee**). *North American Regional Meeting of the International Association for the Study of the Commons (IASC)*. Tempe, September 30 – October 3, 2010.

Yang, W., Liu, Y., Ou, C., Yang, J., **Boxall, P.C.**, Weber, M., Khakbazan, M., and Yarotski, J. “A SWAT Based Integrated Economic-Hydrologic Modeling System for Watershed Evaluation of BMPs.” Presented at the Agri-Environmental Services Branch (AESB) 2010 Symposium: “Solutions to present and future agri-environmental issues, November 30 – December 1, 2010, Regina, Saskatchewan.

Zhang, J. and **E. Goddard.** “Identifying Market Segmentation in the Market for Specialty Eggs: A Comparison of Alternate Approaches using Attitudinal Responses.” Paper presented at the joint American Agricultural Economics Association/Canadian Agricultural Economics Society/Western Agricultural Economics Association Annual Meeting, July 2010, Denver, Colorado.

Zhang, J. and **B. Steiner.** “Choice Behavior and Preferences of Canadian Consumers with Celiac Disease.” Poster presented at the EAAE/AAEA seminar, September 15-17, 2010 at the Technische Universität München, Germany, Freising-Weihenstephan (TUM Business School, Marketing and



Consumer Research): “The Economics of Food, Food Choice and Health”  
[http://www.mcr.wi.tum.de/fileadmin/eaae/Preliminary\\_Programme.pdf](http://www.mcr.wi.tum.de/fileadmin/eaae/Preliminary_Programme.pdf)

### **Proceedings, Abstracts and Other Items:**

**Adamowicz, V.**, Anderson, J. and **M.K. Luckert**. 2010. “Integrated Land Use Management: Innovation Within a Society of Intent.” Prepared for the Alberta Executive Council, Premier’s Council for Economic Strategy. 15p.

Ahmad, W. and **S. Anders**. 2010. “The Value of Brands and Convenience Attributes in Highly Processed Food Products.” Working paper.

**An, H.** and R. Carew. 2010. “The Effects of Climate, Fertilizer and Plant Breeders Rights on Barley Yield Stability in Manitoba.” Working paper.

**An, H.** and R.E. Goodhue. 2010. “Technology Adoption and Product Differentiation – Market-Level Effects.” Working paper.

**An, H.** and S. Hardesty. 2010. “The Role of Alliances in the Marketing of Credence Agri-Foods.” Working paper.

**Anders, S.** 2010. “Ageing and Consumption – The Impact of Demographic Change on Food Expenditure Patterns.” Poster presented at the 1<sup>st</sup> Joint EAAE/AAEA seminar “The Economics of Food, Food Choice and Health,” Technische Universitaet Muenchen, Weihenstephan, September 15-17, 2010.

**Anders, S.** 2010. “Value chain and quality standards in the beef sector.” AgriBenchmark Network Beef Conference 2010, June 18-25, Townsville and Brisbane, Australia.

**Anders, S.** and C. Grebitus. 2010. “Consumer Risk Perceptions and Willingness-to-pay for Innovation in Food Technology.” Working paper.

**Anders, S.**, D. Maxwell, S. Cash. 2010. Economic Factors in the Management of Type II Diabetes.” PANDA Symposium and Meeting, December 9, 2010, TELUS Centre, University of Alberta.

**Anders, S.**, C. Schroeter, A. Carlson and B. Rickard. 2010. “The Economics of Health Behavior and Vitamin Consumption.” Paper presented at the 1<sup>st</sup> Joint EAAE/AAEA seminar “The Economics of Food, Food Choice and Health,” Technische Universitaet Muenchen, Weihenstephan, September 15-17, 2010.

**Anders, S.**, C. Schroeter and B. Rickard. 2010. “Pill vs. Broccoli” – The Economics of Health Behavior and Vitamin Consumption.” Available at: <http://ageconsearch.umn.edu/handle/61789>. Conference contribution is first project output related to M. Chamanifard thesis. Collaboration with CalPoly and Dr. A. Carlson at USDA ERS specializing in economics of diet-health assessment).

**Anders, S.** and B. Schulze. 2010. “The Evolution of Consumer Driven Meat Supply Chains: On the Value of Sensory Attributes.” Working paper based on conference presentation at 2010 Wageningen International Conference on Chain and Network Management (WICaNeM), “Broadening the scope of chains and networks,” May 26-28, 2010.

**Anders, S.**, R. Teuber & C. Langiner. 2010. “Rationale for the Protection of Geographical Indications: Lessons from the Economic Literature.” Working paper.

- Bott, G., **S. Anders**, W. Umberger & **B. Steiner**. 2010. "A Look Behind the Curtain of Best Practice Value Chain Development: The Example of Meat Standards Australia." Contributed paper presented at the 54<sup>th</sup> Annual Conference of the Australian Agricultural and Resource Economics Society (AARES), February 10-12, Adelaide, South Australia.
- Butler, L.J., **H. An**, and L.S. Jarvis. 2010. "What Can We Learn from a Mature Biotechnology Product Market? rbST and the U.S. Dairy Industry." Working paper.
- Carter, C.A. and **S. Mohapatra**. 2010. "Economics of Canadian-US Corn Trade Disputes." Working paper.
- Carter, C.A. and **S. Mohapatra**. 2010. "The Sunshine State versus Brazil: Economics of the Orange Juice Trade." Working paper.
- Carter, C.A. and **S. Mohapatra**. 2010. "Analysis of a Small Country's Dumping Allegation: The Case of Canadian Corn Imports." Working paper.
- Cortus, B., **S.R. Jeffrey**, **J. Unterschultz** and **P. Boxall**. "The Economics of Wetland Drainage and Retention in Saskatchewan." Presentation given at the Workshop on Wetlands Management, Economics and Policy. Victoria, BC. January 2010.
- Goddard, E., S. Anders, J. Rude**, A.C. Myae, V. Muringai and A. Aubeeluck. 2010. "Political Economy of Testing and Traceability Systems in Prion Disease Risk Management." PrioNet Annual Investigator Meeting, October 25, Vancouver, B.C.
- Grant, J.H. and **S. Anders**. 2010. "Trade Deflection and Trade Compression Resulting from Food Import Refusals: Empirical Evidence from U.S. Seafood Imports." Invited paper presented at the 2010 Joint Annual Meeting of the American, Canadian, and Western Associations of Agricultural Economists (AAEA, CAES & WAEA), July 25-27, 2010. Denver, CO.
- Kaczan, D. and **S. Mohapatra**. 2010. "Returns to education in the home: evidence from India." Working paper.
- Martinez, M.L., **S. Anders** and W. Wismer. 2010. "Canadian consumer preferences and willingness to pay for value-added chicken product attributes." Working paper.
- Maxwell, D., **S. Anders** and S.B. Cash. 2010. "Household Food Expenditures and Management of Type II Diabetes." Available at: <http://ageconsearch.umn.edu/handle/61771>. Poster presented at the 2010 Joint Annual Meeting of the American, Canadian, and Western Associations of Agricultural Economists (AAEA, CAES & WAEA), July 25-27, 2010, Denver, CO. Also presented at the 2010 3<sup>rd</sup> Biennial Conference of the American Society of Health Economists, June 20-23, Ithaca, NY.
- Maxwell, D., **S. Anders** and S. Cash. 2010. "The Relationship Between Fast and Convenience Foods and Hemoglobin A1c in People with Type 2 Diabetes." Poster presented at the 2010 IFT Annual Meeting & Food Expo, July 17-20, Chicago, IL.
- Mohapatra, S.**, J. Eaves and J. Williams. 2010. "The Dynamic Behavior of Agricultural Commodity Prices in Disequilibrium: A Functional Data Analysis Approach." Working paper.

**Mohapatra, S.**, J. Eaves and J. Williams. 2010. "Clustering Walrasian Tatonnements Auctions on Price Dynamics: How Many Paths to Equilibrium?" Working paper.

**Mohapatra, S.**, R.E. Goodhue, C.A. Carter and J.A. Chalfant. "How Do Forward Contracts Affect Spot Prices?" *Agricultural and Resources Economics Update*, University of California, Giannini Foundation 13(5) May/June 2010.

**Parlee, B.** "Traditional Knowledge for Caribou Monitoring in the Traditional Territory of Lutsel K'e Dene First Nation. *Environmental Monitoring Advisory Board*. Yellowknife, September 23, 2010.

**Parlee, B.** "Results of Research on the Social-Dimensions of Caribou Population Change in the Inuvialuit Settlement Region." *Inuvialuit Game Council Meeting*. Whitehouse, September 11-12, 2010.

**Parlee, B.** and Lutsel K'e Dene First Nation. "Traditional Knowledge and Caribou Monitoring. Diamond Mines." *Diavik Environmental Monitoring Advisory Board – Wildlife Monitoring Programs – Community Workshop*. Yellowknife, October 5-6, 2010.

Robertson, S., **J. Unterschultz** and **S. Jeffrey**. "Climate Change and Agricultural Land Use in the Canadian Prairies." Selected paper presentation given at the joint AAEA/CAES conference. Denver, CO. July 2010.

**Rude, J.**, J.P. Gervais and M-H. Felt. "Detecting Cool Impacts On U.S.-Canada Bilateral Hog And Pork Trade Flows." CATPRN Trade Policy Brief 2010-01 June 2010  
<http://www.uoguelph.ca/~catprn/PDF/TPB-10-01-Rude-Gervais.pdf>

**Rude, J.**, J.P. Gervais and M.-H. Felt. "Detecting Cool Impacts On U.S.-Canada Bilateral Hog and Pokr Trade Flows." CATPRN Working Paper 2010-06 June 2010.  
[http://www.uoguelph.ca/~catprn/PDF/Working\\_Paper\\_2010-6\\_Rude-Gervais.pdf](http://www.uoguelph.ca/~catprn/PDF/Working_Paper_2010-6_Rude-Gervais.pdf)

**Rude, J.**, Y. Wang and **J. Unterschultz**. "Dissecting the competitiveness of the Canadian hog sector: past and future, perception and reality." An Interim Report to the Alberta Livestock & Meat Agency Ltd. October 31, 2010.

Trautman Laslop, D.E., **S.R. Jeffrey** and **J.R. Unterschultz**. "Economics of Beneficial Management Practices Adoption on Commercial Cropping Operations in Alberta." Presentation given at the Canadian Pulse Research Workshop. Calgary, AB.

**Unterschultz, J.**, **S. Jeffrey**, B. Schaufele, S. Koeckhoven and B. Dollevoet. "Prairie Riparian Economics – Critical Areas Surrrounding Wetlands. Modeling Approaches to Estimate Private Benefit-Cost in Agriculture." Presentation given at the Workshop on Wetlands Management, Economics and Policy. Victoria, BC. January 2010.

## **Staff papers and Research Project Reports:**

**Adamowicz, W.L.** and J. Swait. 2010. "Integrating Routine, Variety Seeking and Compensatory Choice in a Utility Maximizing Framework." Department of Rural Economy Staff Paper 10-01. 40 p.

Alevy, J., J. List and **W. Adamowicz**. "How can behavioural economics inform nonmarket valuation? An example from the preference reversal literature." National Bureau of Economic Research working paper 16036. May 2010. 35 p.

**Anders, S.**, G. Bott and W. Umberger. 2010. "The Effects of a Quality Grading System on the Development of Consumer Driven Best Practice Value Chains: The Example of Meat Standards Australia." Final Report to ALMA in Fulfillment of Project 2009L028D. International Beef Value Chain Research Network, October 2010, 213 p.

**Anders, S.** and M. Chamanifard. 2010. "All Foods Affect Health: A Comparative Study of Canadian Meat Purchase Patterns and Consumer Behaviour for Health Attributes – Implications for the Meat Industry." Final Report in Fulfillment of Project ALMA (ALIDF) 2008F049R, August 2010, 86 p.

**Anders, S.** and C. Grebitus. 2010. "Modified Atmosphere Packaging – Consumer Perceptions and Willingness to Pay – Opportunities for Canada's Meat Industry." Interim Project Report in Fulfillment of Project ALMA (ALIDF) 209L001R, February 2010, 70 p.

Anderson, J., C. Gomez, G. McCarney, **V. Adamowicz**, N. Chalifour, M. Weber, S. Elgie and M. Howlett. 2010. "Ecosystem Service Valuation, Market-Based Instruments, and Sustainable Forest Management: A Primer." A Sustainable Forest Management Network State of Knowledge Report. 80 p.

Anderson, J., M. Weber and **W. Adamowicz**. 2010. "Market Based Approaches for Sustaining Ecosystem Services from Alberta's Forests." Report on the Sustainable Forest Management Network workshop. Submitted to Sustainable Forest Management Network. 25 p + appendices.

Chan, C., R. Bell, **S. Anders**, T. Berry, L. McCargar. 2010. "Multi-cultural Nutrition Interventions for Type 2 Diabetes." CIHR operating grant project update report.

**Davidson, D.** 2010. "Climate Change – Projections and Implications for Edmonton." A Report Presented to The City of Edmonton. 20 p.

**Davidson, D.** (Editor). 2010. "Nuclear Energy in Alberta: What You Need to Know." Environmental Research and Studies Centre Discussion Paper 2. 41 pp.

**Davidson, D.**, U. Chakravorty, **J.R. Parkins** and R. Haluza-Delay. 2010. "Nuclear energy in Alberta: What you need to know." *Environment Research and Studies Centre*, University of Alberta. 48pp.

Dollevoet, B. and **J.R. Parkins**. 2010. "Enabling conditions for community transition: Concepts, cases and catalysts for change in Alberta and beyond." Final Project Report submitted to Regional and Community Adaptation, Alberta Finance and Enterprise, Government of Alberta. Pp. 30.

Fiorello, S. and **W. Adamowicz**. 2010. "The Economic Analysis of Species at Risk Conservation in Canada: A Review of Cases and Methods to Assess Benefits and Costs." Report submitted to the Sustainable Prosperity Research Network. 39 p.

Gados, A., **W. Adamowicz** and J. Doucet. 2010. “Analysis of the Forest Stewardship Council’s Business Development Project.” Submitted to the Carthy Foundation. 56 p.

**Goddard, E.** and J. Fernando. 2010. “What Are the Demands for Traceability in Canadian Consumer Purchases of FAFH?” Report prepared for ALES Food and Health Innovation Initiative, 45 pp.

**Goddard, E., Parlee, B.,** and S. Sharma. 2010. “Annual Report to PrioNet Canada on Understanding The Importance of Caribou in the Diets of Households in Selected Communities in Northern Canada.”

**Goddard, E., J. Rude,** and **S. Anders.** 2010. “Annual Report to PrioNet Canada on Political Economy of Animal Testing and Traceability in Prion Disease Risk Management.”

**Goddard, E.,** C. Schram, W. Huang, J. Yang, L. Drescher. 2010. “Value-Added Meat: Valuing Past Successes on Predicting Future Winners.” Final report prepared for Alberta Livestock and Meat Agency, also Department of Rural Economy Project Report 10-05, 85 pp.

**Jeffrey, S.R., J. Unterschultz** and **P.C. Boxall.** 2010. “BMP Adoption – Direct Farm Cost/Benefit Tradeoffs.” Progress Report submitted to Granting Agencies (Alberta Pulse Growers and ACIDF). 10 pp.

Mannix, A. and **W. Adamowicz.** 2010. “Economic instruments for water management: selected Australian and Canadian case studies and issues for application in Canada.” Report to Sustainable Prosperity Research Network. 94 p.

Matthews, B., **B. Swallow,** M. van Noordwijk, E. Milne, P. Minang, I. Bakam, M. Brewer, S. Muhammed, K. Poggio, K. Glenk, S. Fiorini, S. Dewi, J. Xu, S. Velarde. 2010. *Development and application of methodologies for reduced emissions from deforestation and forest degradation (REDD) – Phase I.* Final Report. Macauley Land Use Research Institute, Aberdeen, UK and World Agroforestry Centre, Nairobi, Kenya.

McFarlane, B., D. Watson and **J.R. Parkins.** 2010. “Public and Expert Understandings of Mountain Pine Beetle in Alberta. Final Report on Survey Results.” Foothills Research Institute, Hinton, AB. Pp. 62.

Packman, K. and **P.C. Boxall.** 2010. Conservation Auctions in Manitoba: A summary of a series of workshops. Department of Rural Economy, Project Report, 10-02, 58 p.

Zhang, X. and **E. Goddard.** 2010. “Analysis of Value-Added Meat Purchase Behaviour by Canadian Households.” Final report prepared for Alberta Livestock and Meat Agency. Also Department of Rural Economy Project Report 10-04, 115 pp.

### **Sponsored Research in Progress as of January 1, 2010:**

<b>Name(s) of Applicant(s)</b>	<b>Granting Body</b>	<b>Abbreviated Title</b>	<b>Amount Received in Current Year</b>	<b>Duration of Grant (Start Date – End Date)</b>	<b>Total Value of any Grant Received Over Multiple Years</b>
Adamowicz, V.	SFMN	SFMN Research Assistant	\$7,650	01/10 – 03/10	\$7,650

Adamowicz, V.	SSHRC	SSHRC Research Cluster: Sustainable Prosperity Network SubGrant: Economics of Endangered Species	\$5,000	06/10 – 08/10	Portion of SSHRC SP grants entered directly to UA
Admowicz, V. and P. Boxall	DFO	Econ Analysis of Aquatic End. Spec	\$58,905.40	04/10 – 03/11	\$118,905.40
Adamowicz, V. and P. Boxall	Fisheries and Oceans Canada <sup>5</sup>	Econ Analysis of Aquatic End. Species (1)	\$58,905.40	01/09 -03/10	\$118,905
Adamowicz, V. and P. Boxall	Fisheries and Oceans Canada <sup>5</sup>	Econ Analysis of Aquatic End. Species (2)	\$10,500	12/10 – 3/11	\$10,500
Adamowicz, V., P. Boxall, 4 others	SSHRC	Econ Analysis of Species at Risk; SSHRC Environ. Issues Program	\$71,000	03/09 –03/11	\$206,000
An, H.	Agriculture and Agri-Food Canada	Consumer preferences, retailer profits, and the demand for genetically modified foods	\$27,000	09/10 – 05/11	\$27,000
An, H.	University of Alberta	Preferences, profits, and GM foods	\$5,000	09/10 – 05/11	\$5,000
Anders, S.	ALMA	The Value of Meat Attributes	\$23,500	2009-2011	\$54,250
Anders, S.	AAFC ERCA (SPAA)	Geographical Indications	\$15,500	2010-2012	\$22,000
Anders, S.	EFF SAS	Geographical Indications	\$4,600	2010-2011	\$4,600
Anders, S.	Killam	Ageing and Consumption	\$39,520	2010-2011	\$39,520
Anders, S.	AAFC ERCA (CMD)	Meat Standards Australia	\$12,800	2010-2012	\$15,000
Anders, S.	SIEPR	Private Label Retailing	In kind	2010-2012	>\$500,000 (in kind)

Anders, S.	AFC	Integrating Genomics, Meat Science, Consumer Science	\$173,000		
Bayley, S., Krogman, N., L. Foote, Irena Creed	AWRI	Wetland Health: Challenges and Opportunities in Implementing Alberta's Wetland Policy	\$54,571	2008-2011	My portion: \$166,113 Total for grant: \$1,095,441
Bjornlund, H., V. Adamowicz, P. Boxall	Alberta Water Research Institute	Market Based Instruments in Water Resources	\$120,000	08/09 - 03/12	\$473,000
Boxall, P.	UofA VPR SSHRC 4A) <sup>3</sup>		\$7,500	04/10 – 12/11	\$7,500
Boxall, P.	Agriculture and Agri-Food Canada <sup>1</sup>	Watershed Evaluation of Beneficial Management Practices (WEBs II).	\$53,625	11/09 – 03/13	\$187,500
Boxall, P., W. Adamowicz, A. Weersink, P. Thomassin, G. van Kooten	Agriculture and Agri-Food Canada <sup>2</sup>	Enabling Research for Competitive Agriculture – Agriculture Environment Network	\$300,000	10/09 – 04/13	\$1,200,000
Davidson, D., M. Weber	FRI	Circumboreal Social Vulnerability	\$158,000	2009-2010	\$158,000
Davidson, D., J. Parkins, E. Goddard, J. Varghese	APRI	Instl Analysis of TSE Mitigation	\$134,000	2009-2011	\$300,000
Davidson, D., J. Parkins, J. Varghese	Alberta Prion Research Institute (APRI)	Improving TSE Mitigation Through Institutional Analysis of Response Strategies	\$133,698	01/2010–03/2013	\$299,846
Davidson, D.	UofA	Killam	\$6,816	2010	
Davidson, D.	UofA SEE	SEE Conference Fund	\$10,000	2010	

Dridi, C.	Sustainable Prosperity	Irrigation Water Trading in Alberta: Impediments and Policy Recommendations	\$7,500	2010	
Elgie, S., V. Adamowicz, and 11 other co-applicants	SSHRC	SSHRC Research Cluster: Sustainable Prosperity Network	155,000	06/08 – 06/15	\$1,730,000 over 8 years
Goddard, E.	Alberta Ag and Rural Development	Consumer Willingness to Pay for Nutrition Information in the Foodservice Sector	\$0	082009- 02/2010	\$80,000
Goddard, E.	Alberta Agriculture and Rural Development	Nanotechnology and Cloning – Canadian Food Values	\$19,000	2010	\$19,000
Goddard, E.	AAFC	ERCA Consumer and Market Demand Network	\$285,000	10/2009-03/2013	\$1,000,000
Goddard, E., J. Fernando	ALES Food and Health Initiative	Does Nutrient Content and Vitamin Information Affect Consumer Purchases of FAFH?	\$10,000	05/2009-03/2010	\$30,000
Goddard, E., J. Rude, S. Anders	PrioNet	The Political Econ. Of Testing and Traceab.	\$100,000	2008-2011	\$300,000
Goddard, E., L. Maynard, W. Hu	Alberta Institute for American Studies	COOL and Canadian Beef: Do U.S. Consumers Care About Source Verified Beef?	\$7,500	12/09-08/10	\$7,500
Goddard, E., A. Famer, S. Allen	ALES Food and Health Initiative	Enhancing B and D Vitamin Intake From Dairy Products: What Has Driven Consumer Interest in Yoghurt?	\$13,000	05/2010-3/2011	\$26,000
Goddard, E., T. Nilsson, S. Anders, D. Chase,	AFC	Food At Home- Changing Perceptions of Meat	\$0	05/2007-06/2010	\$89,585
Goddard, E., T. Nilsson, S.	PrioNet	Political Economy	\$100,000	04/2008-03/2011	\$300,000



Anders, J. Rude		of Testing and Traceability in Prion Disease Risk Management			
Goddard, E. and S. Anders	PrioNet	BSE Testing and Traceability	\$100,000	2008-2011	\$300,000
Grebitus, C., B. Steiner, B., M. Veeman	Canadian Consumer demand Network	A Literature Review on the "Application of Ecological Footprints: Which Products, Which Countries, Which Organizations and Firms and Which Consumers?"	\$12,500	10/2009–03/2010	
Grebitus, C., B. Steiner, M. Veeman	Canadian Consumer and market demand Network	Consumers' Food Choice Regarding Environmentally Sustainable Attributes:	\$30,000	05/2010-04/2012	
Halter, G., J. Parkins	Walter & Duncan Gordon Foundation	Water Fellowship Grant	\$22,500	04/2000-03/2010	\$22,500
Hauer and Adamowicz	Land Use Secretariat	Analysis of Tradeoffs in Land Use Planning	\$40,250	10/10 – 03/11	
Henson, S. H. Boon, D. Castle, S. Charlebois, J. Cranfield, L. Dube, S. Dukeshire, S. Evers, T. Feltham, B. Holmes, P. Jones, M. L'Abbé, B. Steiner	AFMNet	Tracking Consumer Attitudes Towards New Products for Health and Well-being in Canada	\$15,000 as CI out of total \$720,000	2009-2012	
Jeffrey, S., J. Unterschultz	Alberta Pulse Growers (APG) and Alberta Crop Industry Development Fund (ACIDF)	BMP Adoption – Direct Farm Cost/Benefit Tradeoffs	\$17,000	05/2009–12/2010	\$40,000
Jeffrey, S., J. Unterschultz	AAFC	Evaluation of BMPs for the Lower Little Bow Watershed	\$41,910	04/2010 – 03/2013	\$146,410

Jeffrey, S. and J. Unterschultz	Alberta Pulse Growers (APG) and ACIDF	BMP Adoption – Direct Farm Cost/Benefit Tradeoffs	\$17,000	May 2009 – Dec 2010	\$40,000
Jeffrey, S.	Canola Council of Canada	Economics/Sustainability of Canola Production	\$26,000	04/2010 – 03/2013	\$78,000
Kahane, Parkins, J. and many others	SSHRC – CURA	Alberta Climate Dialogue	\$199,168	01/2010 – 03/2015	\$995,904
Kipp, W., Luckert, M., S. Houston, A. Kaler and D. Saunders	CIHR	Households and AIDS	\$250,000	01/2005-12/2009	\$1.25 million
Krogman, N., J. Parkins, B. Parlee	SSHRC	SSHRC Northern Development Grant	\$5,000	2007-2009 (grant completed March 31, 2010)	\$40,000
Krogman, N. and H. Krahn	SSHRC	SSHRC Sustainable Consumption	\$30,548	2009-2011	\$95,468
Luckert, M.K., Unterschultz, J., Thomas, Yemshanov	Canadian School of Energy and the Environment (CSEE)	Bio-energy from wood in Alberta	\$25,000	03/2010 – 08/2011	\$49,000
Marcoul, P. and B. Hueth	SPAA network	Co-op CEO compensation	\$5,000	01/2010–03/2011	\$26,000
Marcoul, P.	University of Alberta	4A SSHRC	\$7,500		\$7,500
McFarlane, B. J. Parkins	Foothills Research Institute	Public and Expert Understandings of Mountain Pine Beetle in Alberta	\$64,225	14/2009–03/2011	\$85,950
Mohapatra, S., M. Luckert, S. Cash	Killam Research Fund	HIV/AIDS and Livelihoods	\$35,320	05/2009-08/2010	
Moore, S., E., Goddard, G. Plastow, H. Bruce, E. Goddard, S. Anders, J. Janz	Alberta Advanced Education and Technology	Integrating Genomics, Meat Science, Consumer Science and Economics to Add Value to Alberta's Livestock Sector	\$118,000	2009-2011	\$293,000
Parkins, J., D. Davidson, Beckley	SSHRC	Community Response to Forestry Decline	\$21,972	04/2008-03/2011	\$99,109
Parkins, J., Reed	SSHRC	Social	\$24,913	07/2010 –	\$24,913

		transformation in rural Canada		07/2011	
Parkins, J., Kenney, Kennedy, Halter	LEARN Network (Ag Canada)	Water culture and irrigation farming	\$31,500	01/2010 – 03/2011	\$31,500
Parkins, J., Lekule	IDRC – CIFSRF	Dairy goats and root camps	\$6,000	07/2010 – 09/2010	\$6,000
Parkins, J.	Walter & Duncan Gordon Foundation	Water Fellowship Grant	\$2,500	04/2009 – 05/2014	\$2,500
Parkins, J.	Alberta Rural Development Network	Social transformation in rural Canada	\$2,440	09/2010 – 12/2010	\$2,440
Parlee, B.	Caribou Book Project – Authors Workshop	Social Sciences and Humanities Research Council (SSHRC) Conference Grant	\$24,750	2010	\$24,750
Parlee, B.	Mining and Wellbeing	Social Sciences and Humanities Research Council (SSHRC) Standard Research Grant	\$31,000	2010	\$31,000
Rude, J. and J. Unterschultz	Alberta Livestock & Meat Agency	Dissecting the competitiveness of the Canadian hog & cattle	\$26,645	01/2010 – 12/2012	\$100,000
Rude, J.	Killam Research Fund	Impact of Water Pricing Reform on China	\$24,337	2010	\$24,337
Rude, J.	Canadian Agriculture Trade Policy Network	Detecting COOL impacts on US-Canada Trade	\$25,000	Oct 2009 – Mar 2010	\$25,000
Shackleton, S., S. Mohapatra, M. Luckert, J. Parkins, B. Swallow	IDRC	HIV/AIDS and Climate Change	\$115,000	04/2010 – 03/2014	\$600,000
Schieber, A., P. Brown, A. Currier, B. Steiner	AFMNet	“Authentication and Quality Control of Medicinal Crops and Natural Health Products: Analytical Tools and Consumer	\$43,000 as CI out of total \$75,000	05/2010 – 07/2011	

		Valuation <sup>2</sup>			
Steiner, B. and D. Sparling	AAFC/Univ of Laval	Innovation performance of Agri-food value chains	\$43,000	10/2009 – 03/2011	
Steiner, B.	MITACS AFMNet project	Tracking Consumer Attitudes Towards New Products for Health and Wellbeing in Canada	\$15,000	01/2010-08/2010	
Steiner, B.	ALMA	Alberta Agricultural Economics Association – 2010 conference	\$5,000	06/2010 – 07/2010	
Steiner, B.	Canadian Consumer demand Network	Alberta Consumer Preferences Toward Beans, Peas, Chickpeas and Lentils: Insights into Consumers' Quality, Nutritional and Health Perceptions	\$12,025	10/2009–03/2010	
Steiner, B.	Canadian Consumer demand Network	Canadian Consumers' Food Risk Perceptions: the Case of Credence Attributes in Beef Burgers	\$12,025	10/2009–03/2010	
Steiner, B., J. Cranfield	CAIRN (Canadian Innovation and Regulation Network)	Innovation Performance and Innovation Strategies in the Canadian Food Processing Industry	\$29,900	10/2009–03/2010	
Swallow, B.	Alberta Agriculture and Rural Development	Analysis of the origin and operation of the Alberta Agricultural Offset Program	\$5,500	2010-2011	\$9,500
Swallow, B.	LEARN network	Farmers perceptions of the	\$6,000	2010	\$6,000

		Alberta Offset Program			
Swallow, B.	World Agroforestry Centre	Analysis of institutions and incentives for Reduced Emissions from Deforestation and Forest Degradation	\$8,000	2010-11	\$23,000
Unterschultz, J., S. Jeffrey	AAFC	Evaluating BMPs at Pipestone Creek, SK	\$8,447	04/2010 – 03/2013	\$145,200
Unterschultz, J., S. Jeffrey	Lower Souris Watershed Committee ACAA	EG&S Economics Component	\$6,000	12/2009	\$30,000
Unterschultz, J., S. Jeffrey and Belcher	AAFC	WEBS Pipestone Creek	\$8,447	04/2009 – 03/2013	\$145,200
Unterschultz, J., S. Jeffrey, P. Boxall and M. Veeman	Prairie Canada Genome <sup>6</sup>	Crop adaptation, GE3LS	\$20,765	2006-2010	\$205,420
Unterschultz, J., S. Jeffrey, P. Boxall and M. Veeman	Alberta/Canada Genome <sup>6</sup>	Crop adaptation, GELS	\$30,707	2006-2010	\$115,793