Department of Resource Economics and Environmental Sociology
Faculty of Agricultural, Life and Environmental Sciences
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Edmonton, Alberta
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July 2014
# Table of Contents

Resource Economics and Environmental Sociology in 2013: Chair's Message ............................................. 4
Resource Economics and Environmental Sociology Staff................................................................. 5-7
Awards to Graduate Students in 2013 ................................................................................................. 8
Awards to Staff in 2013 ....................................................................................................................... 9
Professional Offices Held by Staff in 2013 .................................................................................... 10
Staff on Leave in 2013 ....................................................................................................................... 11
Student Activities ............................................................................................................................. 11-13
Graduate Students Completing Programs in 2013, Thesis Topics and Supervisors ...................... 13-14
Graduate Students Commencing and Continuing Programs Through 2013 and Their Degree .......... 15-16
Departmental Seminar Speakers Series and their Topics ................................................................. 17-18
Resource Economics and Environmental Sociology Facilities ..................................................... 19
Publications Reported in 2013 .......................................................................................................... 20-36
  Refereed Publications (Journal Articles, Books and Chapters in Books) ........................................ 20-22
  Oral Presentations and Posters ....................................................................................................... 22-34
  Proceedings, Abstracts and Other Items ....................................................................................... 34-36
Sponsored Research in Progress as of January 1, 2013 ................................................................. 37-42
Chair’s Message:

Many positive things happened in REES in 2013. We added a new full professor, Dr. Ellen Bielawski, former Dean of the Faculty of Native Studies, as our first out-posted academic staff. Ellen is based at Yukon College in Whitehorse, and has special responsibilities for the Northern ENCS program. We graduated 5 fresh PhDs, surpassing our previous record of 4 set in the year 2000. Our talented group of graduate students had opportunities to do field studies all around the world, many working with professors and local collaborators in large IDRC-funded projects in South Africa, Tanzania and India. Our undergraduate teaching was in high demand, courses that used to have 15-18 students had 25-30, classes that used to have 25-30 students had 40-50 this year. Several REES professors and graduate students won significant awards, including SSHRC scholarships and citations for best paper and outstanding thesis. Our assistant professors were all hitting their stride, contributing in many ways to re-energizing the research, teaching and comradery of REES. Our seminar series was resumed in the fall of 2013. And we maintained our ranking (according to RePC) as the top agricultural economics department in Canada and one of the top 20 in the world.

In other ways, 2013 was not great for REES. With the rest of the UofA, we suffered the effects of the sudden and large cut in funding provided by the Government of Alberta. The brunt of this cut, and the re-organization that it prompted, was borne by the department’s administrative support staff. Disruption is the word that the University of Alberta uses to describe the abrupt process by which positions are closed and loyal employees forced to find alternative employment. Our network system analyst, Randy Page, was disrupted in May 2013. In October, three more support positions were disrupted: Department and Undergraduate Administrative Assistant – Gwen Mendoza; Reading Room and Communications Coordinator -- Brett Lambert; and Department and Finance Administrator, Sarah Fatemi. Most of the functions performed by the department support staff team were transferred to a new administrative structure within the Faculty of ALES. Our Graduate Student Service Coordinator, Robin McClelland, moved into the ALES student support unit and Sarah Fatemi moved into the ALES financial services team. As 2013 drew to a close, the only person left in the REES front office was the ever-loyal Maria Vorotilenko, working on a temporary contract. Once more, I would like to express how much I admired the professionalism and dedication of these incredible individuals. I know that the whole REES family misses them all.

Dealing with the cuts, and the huge uncertainty and mixed messages that came with them, was a challenge for all managers at the University of Alberta, including the ALES Dean, Associate Deans, and the four Department Chairs. This leadership team met very frequently throughout late 2012 and 2013, trying our best to address the funding cut while maintaining essential services for students and staff. I’m certainly glad to have that time behind me. I’m also glad to have worked through this difficult time with such a great group of department chairs and for the leadership of Dean John Kennelly and Judy Carss.

2014 promises to be a time of recovery for REES. The new Dean of ALES, Stan Blade, is taking over with a new Vice Dean and Associate Deans. The faculty-level administrative structure is fully operational and we are all sorting out how to make the most of the services that unit provides. After two years of having many staff on sabbatical leave, REES enters 2014-15 with a near full house. I am going on administrative leave and Peter Boxall is taking over as Department Chair. A new position, Research and Academic Programs Manager, has been filled by the multi-talented Lucia Secchia-Ballanyi. A new department administrative position will be filled in the latter part of 2014.

Brent Swallow, Chair
Resource Economics and Environmental Sociology 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); Associate Professor; Value-Added Meat Marketing; Member of the ARVI Council; Graduate Coordinator.

Bielawski, Ellen, PhD (University of Calgary); Professor; Artic Archaeology; Indigenous studies; Negotiations between indigenous groups and Canadian governments (Jointly with the Faculty of Native Studies), (from January 2013).

Boxall, Peter C., PhD (Alberta); Professor; 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.

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, Leader of the Consumer and Market Demand Agricultural Policy Research Network.

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

Kennedy, Emily H., PhD (Alberta); Assistant Professor (Teaching); Environmental Sociology; Sustainable Consumption; Food Citizenship.

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

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

Luckert, Martin K., PhD (British Columbia); Professor; Graduate Coordinator; Forest Economics, Natural Resource Economics; Graduate Coordinator (until December 2012).

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; Graduate Coordinator (as of September 2012).

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

Qiu, Feng, PhD (North Carolina State); Assistant Professor; Agricultural Policy, Price and Market Analysis, Agricultural Production and Supply, Risk and Insurance Modeling.

Rude, James, PhD, (Guelph); Associate Professor; Graduate Coordinator; Trade Policy, Agricultural Marketing, and Price Analysis; Graduate Coordinator (until September 2012).

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

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

Wichmann, Bruno M., PhD (Tennessee at Knoxville); Assistant Professor; Environmental and Resource Economics, Industrial Organization, Social and Economic Networks, Experimental Economics.

**Associated Academic Staff:**

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

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

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

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

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

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

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

**Professor Emeriti**

Apedaile, L. Peter, PhD (Iowa State); Professor Emeritus; Agricultural Policy, Rural Development.

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.
Murray, Eloise C., Ph.D (Pennsylvania State); Professor Emerita; Gender Issues, Extension, International Development.
Phillips, William E., PhD (California at Berkeley); Professor Emeritus; Resource Economics.
Richter, Joseph J., PhD (Grazia, Austria); Professor Emeritus; Agricultural Economics.
Tyrchniewicz, Ed., PhD (Purdue); Professor Emeritus; Policy, Transportation, Agricultural Policy, International Development.
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
Burden, Robert, Sessional Lecturer
Caine, Kenneth, Sessional Lecturer
Dunn, Mike; Post Doctorate Fellow
Eagle, Alison; Research Associate
Entem, Alicia; Sessional Lecturer
Hierlmeier, Jodi; Sessional Lecturer
Jindal, Rohit; Post Doctorate Fellow
Komirenko, Zoia; Sessional Lecturer
Lee, Gordon; Sessional Lecturer
Miringai, Violet; Sessional Lecturer
Myae, Aye Chan; Sessional Lecturer
Ndlovu, Patrick; Sessional Lecturer
Shewchuk, Pearce; Sessional Lecturer
Veeman, Michele; Sessional Lecturer

Support Staff:

Fatemi, Sarah; Department and Financial Administrator (until Oct 2013)
McClelland, Robin; Graduate Student Service Coordinator (until Oct 2013)
Lambert, Brett; Reading Room & Communications Coordinator (until Oct 2013)
Mendoza, Gwen; Undergraduate and Departmental Administrative Assistant, Administrative Assistant to the Chair (until Oct 2013)
Page, Randy; Network Systems Analyst (until May 2013)

Contract Support Staff:

Vorotilenko, Maria; Financial Assistant (until Oct 2013)
# Awards to Graduate Students in 2013:

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<tr>
<th>Name</th>
<th>Award</th>
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<td>Marcus Becker</td>
<td>• Queen Elizabeth II Graduate Scholarship - Master's level</td>
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<td>Angela Bentley</td>
<td>• Joseph-Armand Bombardier Canada Graduate Scholarship - Master's (SSHRC)</td>
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<tr>
<td>Albert Boaitey</td>
<td>• MacAllister Scholarship in Agriculture</td>
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<td>Jennifer Braun</td>
<td>• University of Alberta Doctoral Recruitment Scholarship</td>
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<tr>
<td>Hawley Campbell</td>
<td>• Walter H Johns Graduate Fellowship</td>
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<td></td>
<td>• Joseph-Armand Bombardier Canada Graduate Scholarship - Master's</td>
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<tr>
<td>Carolyn Chenard</td>
<td>• President's Doctoral Prize of Distinction</td>
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<td></td>
<td>• Joseph-Armand Bombardier Canada Graduate Scholarship - Doctoral (SSHRC) (Renewal)</td>
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<td></td>
<td>• Honorary Izaak Walton Killam Memorial Scholarship (Renewal)</td>
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<tr>
<td>Matthew Dairon</td>
<td>• Queen Elizabeth II Graduate Scholarship - Master's level</td>
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<tr>
<td>David Delafield</td>
<td>• University of Alberta Doctoral Recruitment Scholarship</td>
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<td>Darren Haarsma</td>
<td>• Queen Elizabeth II Graduate Scholarship - Master's level</td>
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<td>Anahita Hosseini Matin</td>
<td>• Mary Louise Imrie Graduate Student Award</td>
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<td>Anna Kessler</td>
<td>• Joseph-Armand Bombardier Canada Graduate Scholarship - Master's (SSHRC)</td>
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<td>Zheng Li</td>
<td>• Mary Louise Imrie Graduate Student Award</td>
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<td>Krisha Lim</td>
<td>• John Proskie Memorial Scholarship</td>
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<td>Patrick Lloyd-Smith</td>
<td>• Joseph-Armand Bombardier Canada Graduate Scholarship - Doctoral (SSHRC)</td>
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<td>Ryan Mason</td>
<td>• Walter H Johns Graduate Fellowship</td>
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<td></td>
<td>• Joseph-Armand Bombardier Canada Graduate Scholarship - Master's</td>
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<tr>
<td>Paul Nelson</td>
<td>• Queen Elizabeth II Graduate Scholarship - Master's level</td>
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<tr>
<td>Orsolya Perger</td>
<td>• Social Sciences and Humanities Research Council (SSHRC) Doctoral Fellowship (Renewal)</td>
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<td>Haoluan Wang</td>
<td>• John Proskie Memorial Scholarship</td>
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<td>James Work</td>
<td>• AAEA Master's Scholarship</td>
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<tr>
<td>Xiongwei Ying</td>
<td>• Mary Louise Imrie Graduate Student Award</td>
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<tr>
<td>Victoria Zeppa</td>
<td>• Queen Elizabeth II Graduate Scholarship - Master's level</td>
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</table>
**Awards to Staff in 2013:**

**Vic Adamowicz** won the Faculty of Agricultural, Life & Environmental Sciences (ALES) Teaching Wall of Fame. He was cited for his ability to inspire students to learn more and to apply the concepts he teaches outside the classroom.


**Vic Adamowicz** was recognized by the Western Agricultural Economics Society for Alicia Entem – outstanding MSc thesis Award (Adamowicz and Boxall supervisors).

**Peter Boxall** won the outstanding Journal Article Honorable Mention from the Canadian Agricultural Economics Society; Zimmer, Boxall and Adamowicz. The Impacts of Chronic Wasting Disease and its Management on Recreational Hunters. Canadian Journal of Agricultural Economics 60 (1): 71-92.

**Peter Boxall** was recognized by the Western Agricultural Economics Society for Alicia Entem – outstanding MSc thesis Award (Adamowicz and Boxall supervisors).

**Peter Boxall** won the 2013 Gold Teamwork Award from Alberta Agriculture and Rural Development, for the work which was done with ARD staff in the Pet Food/Treat Alternative Markets - Experiential Action-Based Learning Program.

**Debra Davidson** was nominated by IPCC for Lead Author, Summary for Policymakers and Technical Summary.

**Ellen Goddard** was the recipient of the Faculty of Agricultural, Life & Environmental Sciences (ALES) Teacher of the Year Award.

**Ellen Goddard** was recognized for her supervision of Shannon Allen; recipient of the Best Master’s thesis (North American competition) by Food Distribution Research Society.

**Ellen Goddard** was recognized for her supervision of Sarah Prescott; recipient of the Best Undergraduate paper by Agricultural and Applied Economics Association.

**Philippe Marcoul** was named Associate Editor of The American Journal of Agricultural Economics. (November 2013 letter of nomination available) by the American Journal of Agricultural Economics (flagship journal Agricultural Economics profession).

**Sandeep Mohapatra** was the recipient of the University of Alberta Teacher of the year (Teaching wall of fame)

**John Parkins** was the recipient of the Faculty of Agricultural, Life and Environmental Sciences, University of Alberta Teaching Wall of Fame, Teacher of the Year for outstanding performance in the 2012-2013 academic year.

**Feng Qiu** receive the German Society of Economic and Social Sciences in Agriculture (GEWISOLA) 2013 Best Paper Award (Paper title: Export Restrictions and Multiple Spatial Price Equilibria. Co-authors: Götz, Gervais, and Glauben.)
Professional Offices Held by Staff in 2013:


An, Henry. Director at Large, Alberta Agricultural Economics Association.


Davidson, Debra. Nominated Lead Author, Intergovernmental Panel for Climate Change Fifth Assessment Report. Editorial Board Member, Human Ecology Review. Associate Editor, Society and Natural Resources. Member, Nominations Committee, Buttel Distinguished Scholarship Award; International Sociological Association, Research Committee on Society and Environment.

Krogman, Naomi. Elected Board Member, North Saskatchewan Watershed Alliance. Chairperson, Site Selection Committee, Elected Council member; International Association for Society and Resource Management. Invited Board Member, American Association for the Advancement of Science (AAAS). Judge on the Emerald Awards Adjudication Committee.


Marcoul, Philippe. Associate Editor, Journal of Agricultural & Food Industrial Organization

Mohapatra, Sundeepr. Awards Committee, Canadian Agricultural Economics Society (CAES) Councillor

Rude, James. Editorial Board Member, Journal of International Agricultural Trade and Development. Editorial Board Member, Estey Journal of International Law and Trade Policy.

Swallow, Brent. Member, Edmonton Food Council, Edmonton City Administration. Member, Board of Trustees for Bioversity International, a CGIAR research centre.
Staff on Leave in 2013:

Student Activities:

6th Annual Graduate Student Conference

The conference was held on May 9th, 2013 from 8am-4pm, at the Humanities Centre. The theme was “Edible Exchange: Tabling the Future of Food”, and the oral presentation sessions were International Food Security, Agriculture and Environmental Economics, Agriculture, Policy and Climate Change, Food and Behaviour. The keynote speaker was Dr Micheal Bell, a Professor of Community and Environmental Sociology at the University of Wisconsin-Madison. His keynote address was titled “In Your Face: Why Food is Politics, and Why it Isn’t a System,”. In this address, Dr Bell challenged the use of “system” to describe food and suggested rather referring to it as “politics.” There were a total of 16 oral presentations and 6 posters.

The 6th Annual Graduate Student Conference presentations were:

Ryan Mason*, Patrick Ndlovu, John Parkins, Marty Luckert. “Gender Allocation of Resources and their Effects on Household Food Consumption in Rural Tanzania”


Nusrat Jahan Dipa. “Impact of Trade Liberalization on Bangladesh Economy”.

Lyndsay Hobbs. “Participant experiences of change and transformation in the Edmonton deliberations on energy and climate”

Zheng Li*. “Benefit-Cost Analysis of NIRS Feeding Initiative for the Alberta Livestock and Crop Industry”.

Sally Sun*, Henry An. “Reputation and multiproduct- firm behavior: product line and price rivalry among retailers”.


Jennifer Braun. “Pickles, Beets ,and Bread: Examining the Links Between Traditional Food Knowledge, Social Practices, and Transformative Learning in a Rural Canadian Community”.

Jonathan Ntoni. “Genomic selection for reduced susceptibility to PRRS and PCVAD in Canadian pig herds - producers’ willingness to adopt the new genomic selection technology”.


Esther Bemile* Sven Anders. “Health Behaviour, Dietary Supplements and Obesity in the United States”.

Cathryn Sprague. “Beyond Consumption: The Practices, Theories, and Applications of Food citizenship”.


Paul Nelson. “"Conscientious Consumption" and Commodity Fetishism - A narrative approach to understanding consumer perceptions about genetically modified food”.

Patience Tshuma. “Competition for private land in the context of portfolio investment: Agriculture vs Forestry”.

The 6th Annual Graduate Student Conference posters were:

Justyna Jalosinski*& Elizabeth Bacon*, Rick Pelletier, Larry Laliberte. “Identifying food deserts in Edmonton, Alberta”.

Sean Cash, Vic Adamowicz, Shannon Allen*, Anna McAlister. “Children’s response to food price and warning interventions when purchasing snack foods”.

Xiongwei Ying, Sven Anders. “Competition between Private Label and National Brand for Health-Differentiated Food: A Canadian Retailing Case”.


Kelsey L. Jansen* and B.L. Parlee. “Denesoline knowledge of caribou trail use and applications for contemporary ecological monitoring”.

Aye Myae and Ellen Goddard. “Public Preference for Traceability and Animal-Testing in Response to CWD: A case study for those who obtain venison from their own hunting or hunted-sources”

After the presentations were delivered, a reception was held at the rooftop of the Business Building and awards were given out to graduate students for Best Oral Presentation and Best Poster Presentation. A tie was given for Oral Presentation to:

The best Poster award went to **Scott Wilson*, Peter Boxall. “Incorporating Risk Into Conservation Auctions Program: Agricultural Economics, Environmental economics, experimental economics, environmental policy”.

On the 29th of May, 2013 students gathered together to elect it’s new REESA Executive. The new elected REESSA executive for 2012/2013 is:

- **Chair**: Ryan Mason
- **Vice Chair**: Paul Nelson
- **VP Finance**: Amanda Long
- **VP Sport**: Darren Haarshma
- **VP Social**: Brett Campbell
- **VP Communications**: Christine Phimester
- **VP Conference**: Judit Johny
- **Members at Large**: James Work and Minjie Chen
- **GSA Representatives**: Curtis Rollins and Bijon Brown
- **Transitions Member at Large**: Suraya Hudson
- **Research and Extension Committee Member**: Patrick Smith
- **Computing Committee Member**: Miao Zheng
- **Teaching and Policy Committee Member**: Anna Kessier
- **General Faculties**: Sharon Paul
- **Reading Room**: Nusrat Dipa
- **Faculty of Graduate Studies and Research Committee**: James Work

**Graduate Students Completing Programs in 2013, Thesis Titles and Supervisors:**


**Braun, Jennifer Ashlee Jane.** M.Sc. thesis in Agricultural and Resource Economics, September 11, 2013. “Pickles, Beets, and Bread: Examining Traditional Food Knowledge in a Rural Albertan Community” (Supervisor Mary Beckie & Naomi Krogman)

**Chiu, Angie.** M.Sc. thesis in Agricultural and Resource Economics, October 2, 2013. “Caribou Consumption in Northern Canadian Communities” (Supervisor: Ellen Goddard)


Graduate Students Commencing and Continuing Programs Through 2013 and Their Degree:

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<tr>
<th>Name</th>
<th>Degree</th>
<th>Program</th>
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<td>Allen, Shannon Mary May</td>
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<td>Agricultural and Resource Economics</td>
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<td>Amati, Cynthia</td>
<td>PhD</td>
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<tr>
<td>Amsalu, Dareskedar Workie</td>
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<td>Appiah, Alfred</td>
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<td>Montenegro, María José</td>
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<td>Zigah, Godwin</td>
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**Departmental Seminar Speakers Series and their Topics:**


**Sven Anders**, Associate Professor, Department of Resource Economics and Environmental Sociology, University of Alberta. "Sticky Retail Prices, Quality Differentiation & Private Labels." April 11, 2013.


**Morteza Chalak**, Assistant Professor, School of Agricultural & Resource Economics, University of Western Australia. "Stochastic Optimisation for Spatial Control of Invasive Species." September 19, 2013.


**Tina Harms**, M.Sc. Candidate, Department of Renewable Resources, University of Alberta. "Measuring the effects of various intercropping systems and fertility amendments to yield, crop quality and income as well as the physico-chemical properties of soil." August 27, 2013.


**Alan P. Ker**, Chair and Professor, Department of Food, Agricultural and Resource Economics, University of Guelph. "Technological Change in Crop Yields." November 26, 2013.

**John Kerr**, Associate Professor, Department of Community Sustainability, Michigan State University. "The Influence of Short-Term Financial Incentives on Social Norms and Behaviors." November 22, 2013.

**Adam Loch**, Early Career Development Fellow, School of Commerce, University of South Australia. Title TBA. December 4, 2013.


John Parkins, Associate Professor, Department of Resource Economics and Environmental Sociology, University of Alberta. Title TBA. November 21, 2013.


Feng Qiu, Assistant Professor, Department of Resource Economics and Environmental Sociology, University of Alberta. "Farmland Conversion and Fragmentation: A Case Study of Alberta, Canada." September 26, 2013.


Andrew Riseman, Associate Professor, Faculty of Land and Food Systems, University of British Columbia. "The Birth and Rebirth of the UBC Farm." November 27, 2013.

Steven Schilizzi, Professor, University of Western Australia. “Three Hits on a Nut Hard to Crack: Evaluating Auction Data from the Field.” January 18, 2013

David Tindall, Associate Professor, Department of Sociology, University of British Columbia. "Social Networks and Attitudes Toward Climate Change Amongst Environmental Organization Members." September 4, 2013.

Wendy Umberger, Associate Professor, Director of Global Food Studies, University of Adelaide. "Diet and Nutrition Transition in Indonesia: What is the Role of the 'Supermarket Revolution'?" September 18, 2013.


Bruno Wichmann, Assistant Professor, Department of Resource Economics and Environmental Sociology, University of Alberta. "Women's Health: Presenting New Micro Data from Brazil." October 10, 2013.
**Resource Economics and Environmental Sociology Facilities**

The Resource Economics and Environmental Sociology 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. Student theses from 1964 to the present day form an important part of the library collection.

The Resource Economics and Environmental Sociology Graduate Computing Laboratory was expanded in 2008 to a 14 workstation 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 2013:

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


Oral Presentations and Posters:


Adamowicz, W. 2013. “Economic Analysis of Threatened Species Conservation: The Case of Woodland Caribou and Oilsands Development in Alberta, Canada.” Presentation to Economics Department and Environmental Science group at Thompson Rivers University, Kamloops. March 2013


Dassanayaka, W., S. Mohapatra, and M. Luckert, 2013. “A summary of three studies on Livelihoods, Gender and Climate Change in Rural South Africa” Final project workshop (Vulnerability, coping and adaptation within the context of climate change and HIV/AIDS in South Africa) IDRC, 2013, Queenstown, South Africa.

Davidson, D.J. 2013. “It’s not all about consumption: The nature of the resource matters more than we think.” Presented at the Annual meetings of the European Sociological Association, August, Turin, IT.


Dunn, M., M. Reed, J.R. Parkins and J. Sinclair. 2013. “Emergence and transition of sustainable forest management institutions in Canada.” Environmental Studies Association, University of Victoria, June 2


Mason, R., P. Ndlovu, J.R. Parkins and M. Luckert. 2013. “Gender, Resources and Food Consumption in Rural Tanzania.” Canadian Association of Food Studies, University of Victoria, Victoria, BC, June 3


Parkins, J.R., M.G. Reed. 2013. “Toward a transformative understanding of rural social change.” 
*Canadian Sociology Association Annual Meeting*, University of Victoria, June 1 – 7.


Trefry, A., [J.R. Parkins](#) and G. Cundill. 2013. “Topics in qualitative research: Examining the link between local institutions and food security in South Africa.” *National Taiwan University, Department of Geography* Graduate Seminar. November 7, 2013.


Ying, X. and S. Anders. 2013. “Spatial Competition, Private Labels, and Healthy Foods.” Invited research seminar at the University of Kiel, Germany. Invited by Prof Dr. Martin Schellhorn.


Proceedings, Abstracts and Other Items:
**2.3 Working Papers, Research Reports, Computer programs, audio-visual Materials, other scholarly works and other Non-refereed Publications**


Ericson T., J. Rude and Y. Surry, "How to measure support to agriculture in industrialized countries: new methodological developments" Paper for 5th EAAE PhD Workshop, Belgian Association of Agricultural Economists, May 29 2013. (12 pages)


Goddard, E., Final Report Development of an Integrated Risk Management Framework for Chronic Wasting Disease for Alberta Prion Research Institute


Mohapatra, S., conducted a Media Interview: Educated Indian women still face uncertain future By Elizabeth Ng. September 24, 2013. Interview article on ALES News. Available at: http://www.ales.ualberta.ca/ALESNews/2013/September/EducatedIndianwomenstillfaceuncertainfuture.aspx

Mohapatra, S., conducted a Media Interview: Educated Indian women still face uncertain future. Asian Journal September 27 2013


Qiu, F. and J. Rude. Extreme Dependence in Price Transmission Analysis. 39 pp. (First author, I wrote the first draft.)

Qiu, F. Environmental Kuznets Curve: New Evidence from Modeling the Nonlinear Endogenous Long-Run Relationship between CO2 and GDP. 22 pp


### Sponsored Research in Progress as of January 1, 2013:

<table>
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<tr>
<th>Name(s) of Applicant(s)</th>
<th>Granting Body</th>
<th>Abbreviated Title</th>
<th>Amount Received in Current Year</th>
<th>Duration of Grant (Start Date - End Date)</th>
<th>Total Value of any Grant Received Over Multiple Years</th>
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<td>Adamowicz, V.</td>
<td>SSHRC Cluster</td>
<td>Lessons Learned - Offsets</td>
<td>$18,000</td>
<td>June 2008 to June 2015</td>
<td>$1,730,000 over 8 years</td>
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<td>Adamowicz, V.</td>
<td>AI-EES</td>
<td>Water Security*</td>
<td>AI-EES (Goss) - MOU still being developed.</td>
<td>June 2013 to June 2016</td>
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<td>Adamowicz, V., P. Boxall portion of Renzetti et al (total grant $2.5M for 8 years)</td>
<td>SSHRC</td>
<td>Water Econ Policy</td>
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<td>Oct 2012 to Mar 2015</td>
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<td>Adamowicz, V., Naeth &amp; 7 collaborators</td>
<td>NSERC CREATE</td>
<td>CREATE network LRIGS</td>
<td>$150,000</td>
<td>May 2011 to May 2017</td>
<td>$1,650,000 over 6 years</td>
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<td>Adamowicz, V., P. Boxall, S. Wheeler, and 4 others</td>
<td>AI-EES/AI-BIO</td>
<td>Source Water Protection*</td>
<td>AI-EES/AI-BIO (Silins) - MOU still being developed. matching funds from AI-BIO.</td>
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<td>Transitioning to a water-secure future in the Murray Darling Basin</td>
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<td>$172,000</td>
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<td>An, H.</td>
<td>Agriculture and agri-food Canada</td>
<td>Consumer preferences, retailer profits, and the demand for genetically modified foods</td>
<td>$12,000</td>
<td>Jan 2013 to Apr 2013</td>
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<td>UofA Vitamin</td>
<td>Food vs. Pill</td>
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<td>A Proposal for Reducing Disposable Beverage Container Use in the SUB</td>
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<td>Alberta Land Institute</td>
<td>Evaluating Mechanisms for Wetland Restoration and Retention in Alberta</td>
<td>$100,000</td>
<td>Jan 2013 to Mar 2014</td>
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<td>Enabling Research for Competitive Agriculture – Agriculture Environment Network</td>
<td>$300,000</td>
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<td>Davidson, D.</td>
<td>Sustainability Enhancement Fund, University of Alberta</td>
<td>Campus Garden</td>
<td>$29,910</td>
<td>Sept 30, 2013 to Sept 20, 2014</td>
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<td>Worldwide Universities Network</td>
<td>Urban Agriculture Network</td>
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<td>Davidson, D., S. Aitken, A. Hamman</td>
<td>Genome Canada and Alberta Innovates</td>
<td>AdapTree</td>
<td>$55,000</td>
<td>2011 to 2015</td>
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<td>Genome Canada</td>
<td>Whole genome selection through genome wide imputation of beef cattle</td>
<td>$ 150,000</td>
<td>July 1, 2011 to Sept 30, 2014</td>
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<td>WUN Research Development Fund 2013</td>
<td>Global Farm Platforms for Optimisation of Grazing Livestock Production Systems</td>
<td>£11,000</td>
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<td>Sustainable Prosperity</td>
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<td>Alberta Crop Industry Development Fund; Agriculture and Agri-Food Canada</td>
<td>Benefit-cost analysis of NIRS feeding initiative</td>
<td>$ 30,490</td>
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<td>$100,000</td>
<td>Mar 2013 to Mar 2016</td>
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<td>Systems Modeling in AB Irrigation Sector</td>
<td>$106,138</td>
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<td>HIV/AIDS and Climate Change</td>
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<td>Extra contractual sales</td>
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<td>OMAFRA</td>
<td>Effective deliberative planning for alternative energy infrastructure in rural Ontario communities</td>
<td>$35,280</td>
<td>Aug 2013 to Aug 2016</td>
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<td>SSHRC - CURA</td>
<td>Alberta Climate Dialogue</td>
<td>$199,728</td>
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<td>Parkins, J., Kaler</td>
<td>Killam</td>
<td>Foodscapes of insecurity in post-conflict South Sudan</td>
<td>$ -</td>
<td>Nov 2012 to Oct 2013</td>
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<td>Parkins, J., McFarlane (Natural Resources Canada)</td>
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<td>Expert Judgements and Media Framing of Mountain Pine Beetle in Alberta</td>
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<td>Re-imagining energy futures in Canada</td>
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<td>Qiu, F., J. Rude, J. Unterschultz</td>
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<td>Price Volatility for Western Canada Producers*</td>
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<td>Swallow, B.</td>
<td>IDRC</td>
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