

RURAL ECONOMY

2004 ANNUAL REPORT



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

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Table of Contents

Rural Economy in 2004: Taking Stock and Planning for the Future.....	1
Rural Economy Staff.....	3
Awards to Graduate Students in 2004.....	5
Awards to Staff	6
Professional Offices Held by Staff in 2004	6
Staff on Leave in 2004.....	7
Student Activities.....	8
Graduate Students Completing Programs in 2004, Thesis Topics and Supervisors	9
Graduate Students Commencing and Continuing Programs Through 2004 and Their Degree	10
Visiting Professors/Scholars	11
Visiting Speakers and their Topics	11
Overview of the Cooperative Program in Agricultural Marketing and Business	12
Rural Economy Facilities.....	12
Publications Reported in 2004	13
Refereed Publications (Journal Articles, Books and Chapters in Books).....	13
Oral Presentations and Posters.....	15
Proceedings, Abstracts and Other Items	22
Staff Papers and Research Project Reports	23
Research in Progress as of December 31, 2004	24

Rural Economy in 2004: Taking Stock and Planning for the Future

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

Rural Economy's Annual Report provides a wealth of information of the many activities, achievements and events during the preceding year. Our report includes a listing of our staff members and their major areas of teaching, research and other responsibilities. An account of the research output of the staff of the Department is given by the listing of their publications and research grants. Our Annual Report is our most comprehensive means for us to communicate with our valued friends, within and outside the University of Alberta, about some of our achievements and plans. Other information on Departmental activities, including graduate programs, courses and course descriptions, is available on our webpage (www.re.ualberta.ca) and through our regular newsletters. If you would like more information on any activities or to be put on a mailing list for newsletters or seminar notices, please don't hesitate to contact us. Full contact details are on our recently upgraded web site. Rural Economy had many significant achievements in 2004.

We had the pleasure of hiring a new staff member, Bodo Steiner, who will complement the existing pursuits of staff in the Department through his interest in contracting throughout the food chain and in the wine industry. Various staff and students won awards through a variety of venues. Vic Adamowicz was selected as the first economist to receive the Canadian Institute of Forestry's Canadian Forestry Scientific Achievement Award. Peter Boxall, Kevin Chen, Jim Unterschultz and Scott Jeffrey were chosen to be the Co-editors of the Canadian Journal of Agricultural Economics. Of significant note is the success of one of our PhD students (Kenneth Caine) in winning a Pierre Elliott Trudeau Foundation Doctoral Scholarship, the largest social science graduate research award in the country. The above highlights only some of our activities and I encourage you to read the entire report to get the complete picture.

Our faculty continue to be very successful in competitive research grant opportunities. A team of researchers from across Canada was selected for a national research network funded by Agriculture Canada in the area of Consumer and Market Demand. This network is hosted by the Department of Rural

Economy, largely because of the strength in consumer analysis found in the Department. An additional national network in Farm Level Policy funded by Agriculture Canada will also be hosted within the Department under the leadership of Jim Unterschultz. Researchers were also successful in obtaining funding from a variety of national and provincial sources to examine everything from air quality, carbon credit trading, CLA enriched milk products, consumer acceptance of alternative meats, the role of states and society in forest governance, forest tenure and attitudes towards biotechnology. These projects, as well as others, reflect our response to the pressing needs for research in agriculture, food, forest and environment from both sociology and economics perspectives.

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

We were saddened by the passing of Professor Emeritus Len Bauer, a friend and valued member of our community. Len was honoured with the Wilson Loree Award for the Development of Excellence in Farm Business Management in May 2004. His Len Bauer Bar None Scholarship continues to grow and will be sufficient to provide a significant financial amount for agricultural and food business students in perpetuity. Donations continue to be received, reflecting the esteem in which Len was held.

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

Ellen Goddard, Chair

Rural Economy Staff

Academic Staff

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

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

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

Kevin Z. Chen, PhD (Guelph); Associate Professor; Food Marketing, Policy. *Graduate Coordinator.*

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

Debra J. Davidson, PhD (Wisconsin-Madison); Assistant Professor; The State and Environmental Policy, Globalization, First Nations Issues.

Ellen W. Goddard, PhD (La Trobe, Australia); Professor, Chair and Cooperative Chair; Agricultural Marketing and Business.

Grant K. Hauer, PhD (Minnesota); Assistant Professor (until August 2004); Resources & Environmental Economics, Trade.

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

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

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

Desmond W. Ng, PhD (Illinois); Assistant Professor (until July 2004); Agribusiness Management & Strategy, Business Strategy.

Brenda L. Parlee, PhD (pending Manitoba); Assistant Professor; Community-based Resource Management.

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

Jim R. Unterschultz, PhD (Alberta); Associate Professor; Agribusiness, Finance and Marketing.

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

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

Associated Academic Staff

Leonard P. Apedaile, PhD (Iowa State); Professor Emeritus; Agricultural Policy, Rural Development.

Tom M. Beckley, PhD (Wisconsin); Adjunct Professor; Forest Sociology.

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

Murray H. Hawkins, PhD (Ohio State); Professor Emeritus; Marketing, Business Management.

Leslie M. Johnson, PhD (Alberta); Adjunct Professor; Aboriginal Resource Management and Environmental Anthropology.

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

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

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

Eloise C. Murray, PhD (Pennsylvania State); Professor Emeritus; Gender Issues, Extension, Int'l. Development.

John R. Parkins, PhD (Alberta); Adjunct Professor; Environmental Sociology, Natural Resource Sociology

T. Alf Petersen, PhD (Washington State); Professor Emeritus; Farm Management, Extension.

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

Brian R. Radke, PhD (Michigan State); Adjunct Professor; Production Economics; Agribusiness Management.

Joseph J. Richter, Dr. Rer. Pol. (Graz, Austria); Professor Emeritus; Marketing, Trade.

Wolfgang M. Schultz, PhD (Oklahoma State); Professor Emeritus; Production and Natural Resource Economics.

Richard C. Stedman, PhD (Wisconsin); Adjunct Professor; Sociology and Rural Sociology.

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

Ed W. Tyrczniewicz, PhD (Purdue); Professor Emeritus; Policy, Transportation, International Development.

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

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

Support Staff

Judy Boucher, Communications Coordinator
 Robin McClelland, Graduate Student Service
 Coordinator
 Anna Minarchi, Department Administrator
 Randy Page, LAN Administrator
 Dawn Zrobok, Reading Room Supervisor

Sessional Lecturers and Research Fellows

Henry Dakurah, Research Associate
 Robert Field, Research Associate
 Erika Gerlock, Sessional Lecturer
 Grant Hauer Research Associate
 Hu, Wuyang, Post Doctoral Fellow
 Shannon Keehn, Sessional Lecturer
 Jennifer Klimek, Sessional Lecturer
 Gordon Lee, Sessional Lecturer
 James McQueen, Post Doctoral Fellow
 Lorie Srivastava, Post Doctoral Fellow

Awards to Graduate Students in 2004

Name	Award
Anderson, Jay	<ul style="list-style-type: none"> • T.W. Manning Book Prize • West Fraser Scholarship in Enhanced Forest Management
Arnot, Christopher	<ul style="list-style-type: none"> • Al Brennan Memorial Graduate Scholarship in Forestry
Caine, Kenneth	<ul style="list-style-type: none"> • Izaak Walton Killam Memorial Scholarship • Pierre Elliott Trudeau Foundation Doctoral Scholarship • Province of Alberta Graduate Scholarship • SSHRC Doctoral Fellowship • Walter H. Johns Graduate Fellowship
Cortus, Brett	<ul style="list-style-type: none"> • Douglas McRorie Memorial Scholarship • Margaret (Peg) Brown Award in Environmental Studies & Wildlife Resources • Province of Alberta Graduate Scholarship • SSHRC Canada Graduate Scholarship Master's Competition • T.W. Manning Book Prize • Walter H. Johns Graduate Fellowship
Ding, Yulian	<ul style="list-style-type: none"> • Provost Doctoral Entrance Award
Fernando, Jeewani	<ul style="list-style-type: none"> • Provost Doctoral Entrance Award
Glover, Freda	<ul style="list-style-type: none"> • Lemaire Co-operative Studies Award
Hailu, Getu	<ul style="list-style-type: none"> • Ivy A. Thomson and William A. Thomson Graduate Scholarship • Murray and Pauline Hawkins Research Bursary
Huang, Wenzhao	<ul style="list-style-type: none"> • Provost Doctoral Entrance Award
Johnson, Trina	<ul style="list-style-type: none"> • Douglas McRorie Memorial Scholarship

	<ul style="list-style-type: none"> • Province of Alberta Graduate Scholarship
Lan, Xin	<ul style="list-style-type: none"> • University of Alberta Master's Scholarship
Lawrence, Lola	<ul style="list-style-type: none"> • Mary Louise Imrie Graduate Student Award
Maynes (Hunt) Tanya	<ul style="list-style-type: none"> • Canadian Agricultural Economics Society Honorable Mention, Outstanding Masters Thesis Award
McCarney, Geoffrey	<ul style="list-style-type: none"> • SSHRC Canada Graduate Scholarship Master's Competition • Walter H. Johns Graduate Fellowship
Neumann, Pamela	<ul style="list-style-type: none"> • Province of Alberta Graduate Scholarship • SSHRC Canada Graduate Scholarship Master's Competition • T.W. Manning Book Prize • Walter H. Johns Graduate Fellowship
Parker, Leanna	<ul style="list-style-type: none"> • SSHRC Doctoral Fellowship • Walter H. Johns Graduate Fellowship
Rutakumwa, William	<ul style="list-style-type: none"> • Myer Horowitz Graduate Students' Association Graduate Scholarship
Stewart, Bryce	<ul style="list-style-type: none"> • John Proskie Memorial Scholarship • McBain Scholarship
Uto, Kinga	<ul style="list-style-type: none"> • Alberta Agricultural Economics Master's Scholarship

Awards to Staff

Vic Adamowicz, Canadian Institute of Forestry's Canadian Forestry Scientific Achievement Award.

Peter Boxall, University of Alberta "McCalla Professorship." Environmental and Conservation Science "Professor of the Year." Promoted to Professor. "AFHE Teacher of the Year 2004 Award." Awarded the National Association of Colleges and Teachers in Agriculture (NACTA) "Meritorious Teaching Award."

Kevin Chen, Invitational Fellowship from Japan Society for the Promotion of Science.

Sean Cash and Naomi Krogman, "AFHE Teacher of the Year 2004 Award."

Renee Kim, Michele Veeman and James Unterschultz were awarded the Canadian Agricultural Economics Society Best CAFRI Journal Article, 2004.

Professional Offices Held by Staff in 2004

Wiktor (Vic) Adamowicz, Board of Directors, Association of Environmental Resource Economists. Editorial Board, Journal of Forest Economics. Member, Research Operating Committee, BIOCAP Canada. Member, Advisory Board, CABREE. Guest Editor, Environmental and Resource Economics for a special issue on Environment Valuation Methods.

Peter C. Boxall, Member, the selection committee for the Northeastern Agricultural and Resource Economics Association Award for Outstanding Public Service Through Economics. Co-Editor of the Canadian Journal of Agricultural Economics.

Sean B. Cash, Director at Large, Executive Committee, Alberta Agricultural Economics Association; Steering Committee Member, Growing Food Security Alberta.

Kevin Z. Chen, Co-editor, Canadian Journal of Agricultural Economics. Chair, Policy Advisory Committee, Small Farmers Adapting to Global Markets Project, CIDA. Member, American Agricultural Economics Association (AAEA) Outstanding Thesis Award committee. Member, American Agricultural Economics Association (AAEA) International Committee. Member, The CLA Network, Alberta (Leader, Marketing Module). Member, Western Coordinating Committee: The Role of China for U.S. Agricultural Products (WCC-101), USA.

Debra J. Davidson, Member, Review Committee, University of Alberta FSIDA Program. Member, Nominations Committee for the Rural Sociological Society.

Ellen W. Goddard, Growing Food Security Alberta Network – Steering Committee.

Naomi T. Krogman, Appointed to the Membership Committee, Rural Sociological Society. Conference Planning Committee Member, International Symposium for Society and Natural Resources.

Martin K. Luckert, Associate Editor, Economics, Canadian Journal of Forest Research. Associate Editor, Economics, Forestry Chronicle.

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

James R/ Unterschultz, Chair/Member of publications committee for Canadian Agricultural Economics Association. Co-Editor, Canadian Journal of Agricultural Economics.

Michele M. Veeman, Member, Roster of Panelists relative to Dispute Hearings under the Agreement on Internal Trade. Member, Board of Trustees, National Centre for Food and Agricultural Policy, Washington. Alternate member, National Board of the Canadian Egg Marketing Agency. Member, Statistics Canada Advisory Committee on Agricultural Statistics.

Terry S. Veeman, Director, International Association of Agricultural Economists - Canadian Chapter, and IAAE representative on the Executive of the Canadian Agricultural Economics Society. Member, Fellows Selection Committee, Canadian Agricultural Economics Society. Director, Canadian Water Resources Association - Alberta Branch. Member, CWRA 2005 National Conference Planning Committee and Program Sub-Committee. Member, Advisory Committee, Environmental Research and Studies Centre, University of Alberta. Member, Board of Examiners, Alberta Institute of Agrologists, AIA 2005 Provincial Conference Planning Committee. Member, Science Advisory Committee, Alberta Ingenuity Centre for Water Research.

Staff on Leave in 2004

Kevin Chen, January 1, 2004 to June 30, 2004 (Institute of Agriculture and Forestry, the University of Tsukuba, Japan).

Student Activities

The Department of Rural Economy, Faculty of Agriculture, Forestry and Home Economics is proud of our students who participated in various undergraduate and graduate student competitions. A number of undergraduate students participated in the Undergraduate Student Competitions at the American Agricultural Economics Association annual meetings held in Denver, Colorado, August 1-4, 2004. Natalie Zimmer presented a paper in the Undergraduate Student Paper Competition and placed second for her paper entitled: "Consumer Preference and Willingness to Pay for Fair Trade Coffee: A Contingent Valuation Approach." Natalie Zimmer, Adrienne Herron and Nicholas Osuteye also competed against teams from all over North America in the Academic Bowl.

A team of undergraduate students from Agribusiness and Agriculture and Resource Economics went off to Morro Bay, California, October 9-13, 2004 to participate in the Fifth Annual Food Distribution Research Society Undergraduate Case Study Competition. The team was very successful, placing third, with their overview of the case entitled "Cocoa Pete's Chocolate Adventures." The students who participated were Glen Doll, Sarah Gardiner, Alesha Hill and Charles Haun.

Glen Doll was awarded an "Undergraduate Book Prize" at the joint Northeastern Agricultural and Resource Economics Association - Canadian Agricultural Economics Society Conference; an "Alberta Agricultural Economics Association Undergraduate Scholarship"; a "Canadian Wheat Board Scholarship"; and an "Agriculture Financial Services Corporation Scholarship". Glen is a 4th year student in the BSc Agriculture program, majoring in Agricultural and Resource Economics.

Julie Hodgson was awarded the "2004 Len Bauer Bar None Undergraduate Leadership Scholarship." and "The Agricultural/Food Business Management Scholarship." Julie is a 2nd year student in the BSc Agricultural/Food Business Management program, majoring in Food Business Management.

This year, a team of graduate students from Rural Economy participated in the American Agricultural Economics Association Annual Meeting Graduate Student Case Study Competition. Their case study prepared by Brett Cortus, Trina Johnson and Jay Anderson was titled: "Coors Brewing Company: A Case Study."

Numerous graduate and undergraduate students attended and presented posters at the Alberta Agricultural Economics Association Visions 2004 Conference "Managing Risk, Resources and Development" held in Red Deer, May 6, 7, 2004 in Red Deer.

The award winners in the Undergraduate Student Poster category were:

1st Place - Travis Book, Pam Kulyk, Laura Crothers and Chris Arnot, "Revealed Consumer Preferences for Socially Responsible Purchases: The Case of Fair Trade Coffee."

2nd Place - Nick Osuteye, Natalie Zimmer, Colin Truman, Adair Rigney and Michael Laforce, "Are Consumers Willing to Pay More for Fair Trade Coffee?"

The award winners in the Graduate Student Poster category were:

1st Place - Getu Hailu and Ellen Goddard, "Media Coverage of Health and Nutrition: What is the Impact on Egg Consumption?"

2nd Place - Amanda Spyce, M. Veeman and V. Adamowicz, "Factors Influencing Consumers' Preferences for GM/GE Food Policies."

When you consider the activities above, the awards and presentations and theses entered into competition, our undergraduate and graduate students have had a very productive year. Congratulations to all.

Graduate Students Completing Programs in 2004, Thesis Topics and Supervisors

Ambard, Marke. A Photo-Assisted Exploration of Sense of Place in Hinton and Jasper, Alberta. M.Sc. (Davidson).

Gheblawi, Mohamed. Estimating the Value of Stochastic Irrigation Water Deliveries in Southern Alberta: A Discrete Sequential Stochastic Programming Approach. Ph.D. (Jeffrey/Adamowicz)

Heckbert, Scott. Modelling Complexity: Combining Choice Theory and Multi-Agent Modelling, Agent Based Simulation of Hunting in Forested Landscapes. M.Sc. (Boxall/Adamowicz)

Hotz, Joffre. An Evaluation of Value at Risk in the Alberta Pork Production Industry. M.Sc. (Unterschultz/Radke)

Hu, Wuyang. Three Essays on Genetically Modified Food Labelling and Consumer Behaviour. Ph.D. (M. Veeman/Adamowicz)

Huygen, Israel. Cost Implications of Alternative Tolerance Levels: Non-Genetically Modified Wheat in Western Canada. M.Sc. (Lerohl/M. Veeman)

Liu, Xiaozhan (Jean). China's Grain Consumption Demand and Its Implications for Canada-China Grain Trade. Ph.D. (M. Veeman/T. Veeman)

Mendez Manzanilla, Jorge. Effects of Foreign Direct Investment in the Canadian Agri-Food Industry. M.Sc. (Goddard/Ng)

Moon, Amanda. Assessing the Impacts of Complexity in Stated Preference Methods. M.Sc. (Adamowicz/Boxall)

Mora (Garcia), Balbina. Estimating Technical and Allocative Efficiency Using a Stochastic Translog Cost Function: The Case of Small and Medium-Scale Mexican Corn Producers. M.Ag. (Jeffrey)

Politylo, Jason. Economic Analysis of Carbon Supply Contracts under Risk of Fire: A Supplier Perspective. M.Sc. (Hauer)

Qian, Xiaochao. Impacts of World Trade Policies on the Canadian Poultry Market. M.Sc. (Goddard)

Rittmaster, Robyn. Economic Analysis of the Human Health Effects from Forest Fires. M.Sc. (Adamowicz)

Shank, Benjamin. Pricing Games in Poultry Markets: The Cases of Eggs in Australia and Chicken in Canada. M.Sc. (Goddard)

White, Elspeth. Financial and Health Costs of Pesticide Use in Growing Conventional and Genetically Modified Potatoes in Prince Edward Island. M.Sc. (M. Veeman)

Graduate Students Commencing and Continuing Programs Through 2004 and Their Degree

Allen, Trena, MSc in Rural Sociology
Anderson, Jay, PhD in Forest Economics
Arnot, Christopher, MSc in Agricultural and Resource Economics
Boadu, Abena, MSc in Agricultural and Resource Economics
Caine, Kenneth, PhD in Rural Sociology
Cortus, Brett, MSc in Agricultural and Resource Economics
Deng, Yu, MSc in Agricultural and Resource Economics
Ding, Yulian, PhD in Agricultural and Resource Economics
Dwyer, David, MSc in Rural Sociology
Emunu, John Paul, MSc in Agricultural and Resource Economics
Fernando, Jeewani, PhD in Agricultural and Resource Economics
Gabriel, John, MSc in Agricultural and Resource Economics
Gao, Fei, MSc in Agricultural and Resource Economics
Gao, Ge, MSc in Agricultural and Resource Economics
Geda, Tsedale, MSc in Rural Sociology
Glover, Freda, MSc in Agricultural and Resource Economics
Habteyonas, Michael, PhD in Agricultural and Resource Economics
Hailu, Getu, PhD in Agricultural and Resource Economics
Han, Young Wook, MSc in Agricultural and Resource Economics
Hotz, Joffre, MSc in Agricultural and Resource Economics
Hu, Wuyang, PhD in Agricultural and Resource Economics
Huang, Wenzhao, PhD in Agricultural and Resource Economics
Javier, Esmyra, PhD in Agricultural and Resource Economics
Jegade, Oyebola, MSc in Agricultural and Resource Economics
Johnson, Trina, MSc in Agricultural and Resource Economics
Jonasi, Lorraine, PhD in Agricultural and Resource Economics
Laate, Emmanuel, MSc in Agricultural and Resource Economics
Lan, Xin, MSc in Agricultural and Resource Economics
Lawrence, Lola, MSc in Agricultural and Resource Economics
Lee, Michelle, MSc in Rural Sociology
Li, Yu, MSc in Agricultural and Resource Economics
Lomeli, Jose, MSc in Agricultural and Resource Economics
Lu, Rong, MSc in Agricultural and Resource Economics
McCarney, Geoffrey, MSc Agricultural and Resource Economics
Mendoza, Gustavo, MSc in Agricultural and Resource Economics
Mitchell, Ross, PhD in Rural Sociology
Moyo, Sibongile, PhD in Agricultural and Resource Economics
Nam, Kang-Weon, MSc in Agricultural and Resource Economics
Neumann, Pamela, MSc in Rural Sociology
Neupane, Anish, MSc in Agricultural and Resource Economics
Ochoa, Marcela, MSc in Forest Economics
Panter, Chris, MSc in Agricultural and Resource Economics
Parker, Leanna, PhD in Rural Sociology
Rausch, Michael, MSc in Agricultural and Resource Economics
Rutakumwa, William, PhD in Rural Sociology
Shank, Benjamin, MSc in Agricultural and Resource Economics
Spyce, Amanda, MSc in Agricultural and Resource Economics
Stewart, Bryce, MSc in Agricultural and Resource Economics
Tao, Shiyi, MSc in Agricultural and Resource Economics

Uto, Kinga, MSc in Agricultural and Resource Economics
Varghese, Jeji, PhD in Rural Sociology
Wang, Xin , MSc in Agricultural and Resource Economics
Williamson, Tim, PhD in Forest Economics
Wiredu, Emmanuel, PhD in Agricultural and Resource Economics
Yang, Jun, PhD in Agricultural and Resource Economics
Zhang, Jing, PhD in Agricultural and Resource Economics
Zindi, Christopher, PhD in Agricultural and Resource Economics

Visiting Professors/Scholars

Mei, Hongchang, Professor and Dean, Management College, Chongqing Technology and Business University, PR China.

Rodriguez, Dinah, Senior Researcher, Institute of Economic Research, Mexico.

Visiting Speakers and their Topics

Bouriaud, L., Researcher, European Forest Institute, Joensuu, Finland. "Economics of Property Rights in Eastern European Forestry." September 27, 2004.

Cox, T., Professor, Department of Agricultural Economics, University of Wisconsin at Madison. "Assessing the Impacts of Milk Protein Concentrate Imports on the U.S. Dairy Sector." March 11, 2004.

Haghiri, M., Assistant Professor, Department of Economics, Mount Allison University, New Brunswick. "Assessing the Impact of Economic Liberalization Across Countries: A Comparison of Dairy Industry Efficiency in Canada and the United States." February 23, 2004.

Hobbs, J., Associate Professor, Department of Agricultural Economics, University of Saskatchewan. "Willingness to Pay for Traceability: Evidence from Experimental Markets." September 22, 2004.

Jardine, C., Assistant Professor, Department of Human Ecology. "Communicating Health Risk Advisories - Informed Choice or Persuasion to Comply?" January 28, 2004.

Jin, Y., PhD Candidate, Department of Agricultural and Resource Economics, University of California, Berkeley. "The Welfare Economics of a Money-back Guarantee in Retailing." April 13, 2004.

Liu, P., Lecturer, HuaZhong Agricultural University, Wuhan, China. "A Survey on Consumer Perceptions for GM Food in Wuhan." September 14, 2004.

MacMillan, D., and N. Leinhoop, Department of Geography and Environment, University of Aberdeen, Scotland. "Stated Preference Studies: Environmental Polling or Preference Engine?" September 20, 2004.

Roe, B., Associate Professor, Department of Agricultural, Environmental and Development Economics, Ohio State University, Columbus, Ohio. "Explaining Preference Reversals: Selection and Cognition." June 1, 2004.

Steiner, B., Research Fellow and Visiting Scholar, Department of Agricultural and Resource Economics, University of California, Berkeley. "Multitasking and Incentive Contracts in the Food Supply Chain: Insights from the Wine Industry." February 26, 2004.

Yiridoe, E., Associate Professor, Department of Business and Social Sciences, Nova Scotia Agricultural College, Truro, Nova Scotia. "Environmental Farm Planning and the Agricultural Policy Framework: Experience from Atlantic Canada." July 6, 2004.

Zhong, F., Professor and Dean, College of Economics & Trade, Nanjing Agricultural University. "Political Economy of Chinese Grain Marketing." February 27, 2004.

Overview of the Cooperative Program in Agricultural Marketing and Business

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

The program funding is largely used to fund graduate student research. Currently there are four Masters students and one PhD student funded through the program. Their research topics vary from: Principal-Agent Problems and Capital Constraints in Canadian Agribusiness; Supply and Marketing Cooperatives; to Factors Affecting the Demand for Beef in Canada.

Students working in the cooperative program were well represented in various national and international professional meetings throughout the year.

The program also encourages various extension activities. This year the highlight of the program was the Annual Symposium. Symposium 2004 "Reducing Risk, Protecting People: Implications for Health, Food, and Agribusiness" was held on June 2, 2004 at the University of Alberta. Risks are inherent in the agriculture/food industry. Historically, risks centered around weather and markets. In more recent times the industry is facing newer risks from resource availability to changes in consumer preferences, to disease and health issues. Symposium 2004 provided us with an opportunity to examine risk in the context of the overall industry and in individual farm or firm management. Invited speakers from the U.S. included Brian Roe (Ohio State University) who spoke on U.S. consumer's concerns about food production and processing technologies and Tim Richards (Arizona State University) who spoke on risk management in the context of financial performance of co-operatives and on recent mergers and acquisitions in the U.S. co-operative sector. Rural Economy professors spoke on a variety of topics: Vic Adamowicz spoke on consumers concerns about drinking water quality, Michele Veeman spoke on consumers concerns about GM food and Jim Unterschultz spoke on farm level risk management. Cindy Jardine, an AHFMR scholar in the Department of Human Ecology spoke on roles and responsibilities in risk communication. Graduate student research in the Department of Rural Economy was highlighted through the presence of 20 research posters. The symposium was well-attended with approximately 100 people in attendance.

Rural Economy Facilities

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

agroforestry, environmental economics, and resource sociology.

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

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

The next class of machines in the lab are high end workstations that are suitable for graphics manipulation and medium duty number crunching. They are single processor machines with a single monitor and large hard drives. There are five of these machines.

Publications Reported in 2004

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

- Adamowicz, W. 2004. "What's it Worth?: An Examination of Historical Trends and Future Directions in Environmental Valuation." *Australian Journal of Agricultural and Resource Economics* 48(3):419-443.
- Adamowicz, W. 2004. "Big Science: Is the Move Towards Interdisciplinary Research Teams in Forest Science a Good Thing?" *Forestry Chronicle* 80(5):542-546.
- Adamowicz, W. 2004. "Valuation of Environmental Externalities. Handbook of Transport and the Environment." Handbooks in Transportation Volume 4. D.A. Hensher and K.J. Button editors. Elsevier, Amsterdam. p. 375-388.
- Adamowicz, W.L., P. C. Boxall, M. Haener, Y. Zhang, D. Dosman and J. Marois. 2004. "An Assessment of the Impacts of Forest Management on Aboriginal Hunters: Evidence from Stated and Revealed Preference Data." *Forest Science* 50(2):139-152.
- Adamowicz W., R. Dales, B.A. Hale, S.E. Hrudehy, A. Krupnick, M. Lippman, J. McConnell J. and P. Renzi. 2004. "Report of an Expert Panel to Review the Socio-economic Models and Related Components Supporting the Development of Canada-Wide Standards (CWS) for Particulate Matter (PM) and Ozone to the Royal Society of Canada." *Journal of Toxicology and Environmental Health – Part B – Critical Reviews* 7 (3):147-266.
- Adamowicz, W., D. Dupont and A. Krupnick. 2004. "The Value of Good Quality Drinking Water to Canadians and the Role of Risk Perceptions: A Preliminary Analysis." *Journal of Toxicology and Environmental Health – Part A.* 67(20-22): 1825-1844.
- Allen, T., N. Krogman, P. Smith and K. VanEvery. 2004. "Renewal and Relevance: The Challenges Facing Forestry Education." *Aboriginal Times-Issues Impacting Canadians* 8(4):8-11.
- Angeleson, A. and M.K. Luckert. 2004. "Limited or Unlimited Wants in the Presence of Limited Means?"

- Inquiries into the Role of Satiation in Affecting Deforestation.” In: *Working Forests in the NeoTropics: Conservation through Sustainable Management?* D.J. Zarin, J.R.R. Alavalapati, F.E. Putz, and M. Scmink (eds.) Columbia, New York, p. 325-338.
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- Moyo, S. and M. Veeman. 2004. “Analysis of Joint and Endogenous Technology Choices for Protein Supplementation by Smallholder Dairy Farmers in Zimbabwe.” *Agroforestry Systems* 60:199-209.

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Oral Presentations and Posters

- Adamowicz, W., D. Dupont, A. Krupnick and L. Srivastava. 2004. "Preference Tradeoffs for Drinking Water Risks." Presented at the Association of Environmental and Resource Economists Annual Meeting, San Diego, California, January 3-5, 2004. Also presented at the Canadian Resource and Environmental Economics Workshop, Calgary Alberta. October 2-3, 2004.
- Adamowicz, V. "Advances in Environmental Valuation: What's It Worth?" Invited presentation at the Australian Agricultural and Resource Economics Society 48th Annual Conference, Melbourne, Victoria, February 11-13, 2004.
- Adamowicz, W. "Towards Sustainable Management of the Boreal Forest." Invited seminar presented to Alberta Environment "Hot Topics," March 12, 2004.
- Adamowicz, W. "Wildfire Smoke Effects on Health." Presented at Wildfire and the Safety of Canadians: Issues and Opportunities Conference, Edmonton Alberta, April 26-27, 2004.

- Adamowicz, V. "A Tale of Two Surveys: Two Surveys on the Valuation of Risk Reduction Programs." Presented at the University of Central Florida, Orlando, Florida, April 29-May 1, 2004.
- Adamowicz, W. "Forest Management and Economic Well-being: Can Forests Continue to Provide Economic Development and Environmental Quality?" Keynote Speaker at the OIFQ (Quebec Foresters Conference), Mont Tremblant, Quebec, September 29-October 1, 2004.
- Adamowicz, W. "Environmental Quality, Markets and Policy." Presented at the Canadian Institute of Advanced Research Symposium on Ecosystem Management. Victoria, B.C., December 13-14, 2004.
- Allen, T., N. Krogman, K. VanEvery, and P. Smith. "The Dilemma of Forestry Education: Focus Group Findings from Three Canadian Forestry Schools." Presented at the Western Canada Forest Education Conference, Banff, January 15-18, 2004.
- Allen, T., N., P. Smith, K. VanEvery, and S. Nadeau. "Uprooting Professional Foresters Attitudes." International Symposium on Society and Natural Resources. Keystone, Colorado, June 2-6, 2004.
- Boxall, P. "Some Approaches to Understanding Economic Aspects of Sustainable Forest Management." Presented at the Communities and Natural Resources in Transition: Linking Social Science, Decision Makers, and Practitioners for a Sustainable Future conference, Prince George, BC, February 17-18, 2004.
- Boxall, P. "Nonmarket Valuation: Current Research on Stated Preference Methods." Invited presentation to economists in the Environmental Economics Branch, Environment Canada, Ottawa, Ontario, March 30, 2004.
- Boxall, P., W. Chan, M. McMillan. "The Impact of Oil and Natural Gas Facilities on Rural Residential Property Values: A Spatial Hedonic Analysis." Presented at the Northeastern Agricultural and Resource Economics Association - Canadian Agricultural Economics Society conference, June 20-23, 2004, Halifax, Nova Scotia.
- Boxall, P. "Aboriginal People and NTFPs: Some Research Questions" Presented at the Canadian Institute of Forestry and the Society of American Foresters Joint Annual General Meeting and Convention, Edmonton, Alberta, October 2-6, 2004.
- Boxall, P. "Property, Prices, and Environmental Impacts." Presented at the Department of Renewable Resources Seminar Series, University of Alberta, November 25, 2004.
- Cash, S. "Risk and Overcompliance: Why Tradeable Permits Can Harm the Environment." Presented at the University of British Columbia, Vancouver, March 15, 2004. Also presented at a seminar in the Department of Agricultural Economics, Texas A&M University, College Station, Texas, October 2004.
- Cash, S. "Fat Taxes and Thin Subsidies: Diet, Prices, and Health Outcomes." Presented at the Department of Agricultural Economics, Extension and Rural Development, University of Pretoria, South Africa, June 1, 2004. Also presented at the 2004 Annual Meeting of the American Agriculture Economics Association, Denver, Colorado, August 1-4, 2004.
- Cash, S. "Forest Industry Incentives to Participate in Ecosystem Management." Presented at the Department of Renewable Resources Seminar Series, University of Alberta, December 2, 2004.

- Chen, K. "Agribusiness Research and Education in North America." Presented at the Research Priority in Agricultural Economics Conference, Beijing, China, February, 2004.
- Chen, K. "Agricultural and Food Supply Chain Management: Trends, Issues, and Guidelines." Presented at a Workshop on Promoting Environmentally Friendly Agricultural Products, The World Bank Institute, Beijing, China, March, 2004.
- Chen, K. "Changing International Food Standards: Its Implications for China." Presented at a Symposium on the WTO and Chinese Agriculture, Chongqing, China, April 25, 2004.
- Chen, K. "Managing Food Safety Under the New Retailing Environment: A Supply Chain Approach." Presented at the Global Food Safety Forum, Beijing, China, November 18-19, 2004.
- Chen, K. "Changing Food Retailing, Rising Private Standards and Emerging Agri-Food Supply Chain." Presented at the Global Food Safety Forum, Beijing, China, November 18-19, 2004.
- Davidson, D.J. "Understanding the Role of Risk Perceptions in Climate Change Vulnerability." Invited presentation at the Climate Change and Forest Communities Workshop, Northern Forestry Centre, Edmonton, Alberta, May 2004.
- Gao, G., M. Veeman, V. Adamowicz and W. Hu. "Consumer Behavior: Who Seeks Information for Genetically Modified Food." Presented at the Genome Canada GELS Symposium, Vancouver, B.C., February 5-7, 2004. Also presented at the Northeastern Agricultural and Resource Economics Association - Canadian Agricultural Economics Society Conference, June 20-23, 2004, Halifax, Nova Scotia.
- Glover, F. and E. Goddard. "Demand for Fats and Oils in Canada: A Comparative and Econometric Analysis of Consumer Behaviour and Preferences." Presented at the Northeastern Agricultural and Resource Economics Association - Canadian Agricultural Economics Society Conference, June 20-23, 2004, Halifax, Nova Scotia.
- Goddard, E. "Fortunes of Traditional Co-operatives." Presented at the 2nd Annual Rural Education and Development Association Conference Building Co-operative Futures, University of Calgary, May 14-18, 2004.
- Goddard, E., S. Cash, M. Lerohl. "Integrating Food Policy and Consumer Health Behaviour: A Review and Analysis." Presented at the Northeastern Agricultural and Resource Economics Association - Canadian Agricultural Economics Society Conference, June 20-23, 2004, Halifax, Nova Scotia.
- Goddard, E., B. Shank, G. Griffith and J. Freebairn. "Optimal Advertising Budgets in Markets Where Processors and Retailers Play Vertical Stackleberg and Bertrand Games in Prices: The Case of Chicken in Canada and Eggs in Australia." Presented at the NEC-63 Conference, Lake Louise, Alberta, September 30-October 1, 2004.
- Habteyonas, M. "Estimating the Demand for Meat in Canada Using the Quadratic AIDS Model." Presented at the Northeastern Agricultural and Resource Economics Association - Canadian Agricultural Economics Society Conference, June 20-23, 2004, Halifax, Nova Scotia.
- Habteyonas, M. "Analysis of Production Structure of the Canadian Pulp and Paper Industry: 1961-1996." Presented at the 2004 Annual Meeting of the American Agriculture Economics Association, Denver, Colorado, August 1-4, 2004.

- Hailu, G. and E. Goddard. "Media Coverage of Health, Food Safety and Nutrition: What is the Impact on Egg Consumption?" Poster presented at the 3rd International Symposium on Egg Nutrition for Health Promotion, Banff, April 18-21, 2004.
- Hailu, G. and E. Goddard. "Media Coverage of Health and Nutrition: What is the Impact on Egg Consumption?" Poster presented at the Alberta Agricultural Economics Association Visions 2004 Conference, Red Deer, May 6-7, 2004.
- Hailu, G., S. Jeffrey and E. Goddard. "Incentives, Financial Risks, Organizational Structure and Firm Performance: Evidence from Canadian Agribusiness Co-operatives." Presented at the Annual Meeting of the Canadian Association for Studies in Co-operation at the Congress of the Social Sciences and Humanities, University of Manitoba, Winnipeg, May 29-June 6, 2004.
- Hailu, G., E. Goddard and S. Jeffrey. "Impact of Decision Makers Divergences in Risk Attitudes and Perceptions on Co-operative Management in Canada." Presented at the Northeastern Agricultural and Resource Economics Association - Canadian Agricultural Economics Society Conference, June 20-23, 2004, Halifax, Nova Scotia. Also presented at the Annual Meeting of the American Agriculture Economics Association, Denver, Colorado, August 1-4, 2004.
- Hailu, G., and E. Goddard. "Nutrition or Health Risk?: Structural Analysis of Egg Consumption in Canada." Presented at the 2004 Annual Meeting of the American Agriculture Economics Association, Denver, Colorado, August 1-4, 2004.
- Hailu, G., S. Jeffrey and E. Goddard. 2004. "Do Differing Attitudes Affect Co-operative Management?" Presented at the Cooperative Program in Agricultural Marketing and Business 2004 Symposium, Reducing Risk, Protecting People: Implications for Health, Food, and Agribusiness, June 2, 2004, Edmonton, Alberta. Also presented at the Northeastern Agricultural and Resource Economics Association - Canadian Agricultural Economics Society Conference, June 20-23, 2004, Halifax, Nova Scotia.
- Hailu, G., E. Goddard and S. Jeffrey. "Impact of Regulatory Environments on Decision Makers' Divergence in Risk Attitudes and Perceptions in Canada." Presented at the 15th International Cooperatives Forum 2004, Competitive Advantage of Cooperative Networks, Muenster, Germany, September 7-9, 2004.
- Heckbert, S., W.L. Adamowicz, P. Boxall and D. Ng. 2004. "Agent Based Modeling of Spatial and Temporal Wildlife-Related Economic Activity in a Forested Landscape." Presented at the Western Economic Association International 79th Annual Conference, Vancouver, B.C., June 29-July 3, 2004.
- Hu, W., M. Veeman and V. Adamowicz. "An Economic Study of Canadian Consumers' Choices for GM Food in the Context of Different GM Labelling Policies." Presented at the Genome Canada GELS Symposium, Vancouver, B.C., February 5-7, 2004.
- Hu, W., W. Adamowicz and M. Veeman. "Individual-level Approaches to Demand Analysis: Innovations and Challenges." Presented at the Northeastern Agricultural and Resource Economics Association - Canadian Agricultural Economics Society Conference, June 20-23, 2004, Halifax, Nova Scotia.
- Hu, W., M. Veeman and V. Adamowicz. "Investigating the Value of Information in Mandatory versus Voluntary GM Labelling." Presented at the Northeastern Agricultural and Resource Economics

- Association - Canadian Agricultural Economics Society Conference, June 20-23, 2004, Halifax, Nova Scotia.
- Hu, W., W. Adamowicz and M. Veeman. "Decomposing Consumers' Taste Heterogeneity and Unobserved Choice Variability in the Presence of Reference Point Effects." Presented at the 2004 Annual Meeting of the American Agriculture Economics Association, Denver, Colorado, August 1-4, 2004.
- Krogman, N. and T. Allen. "Canadian Foresters Speak Out: Importance of Social and Aboriginal Issues." Presented at the International Symposia on Society and Resource Management, Keystone, Colorado, June 2-6, 2004.
- Krogman, N. "Sociological Considerations for the New Water for Life Policy." Presented at the Parkland Institute Symposium on the Politics of Water in Alberta, Calgary, June 18-19, 2004.
- Krogman, N. "Sharing Authority and Responsibility in Co-Management." Presented at the People, Wildlife and Hunting Conference Economic/Marketing, Policy, and Social/Attitudinal Constraints and Challenges, Edmonton, Alberta, October 21-23, 2004.
- Krogman, Naomi and T. Allen. "The Status of Canadian Foresters' Attention to Aboriginal and Social Values: Results from a National Survey." Presented at the Canadian Institute of Forestry and Society of American Foresters Conference, Edmonton, Alberta, October 4-8, 2004.
- Laate, E., J. Unterschultz and D. Ng. "Strategic Networks in the Biotechnology Industry: The Performance of Strategic Alliance Relationships." Presented at the Northeastern Agricultural and Resource Economics Association - Canadian Agricultural Economics Society Conference, June 20-23, 2004, Halifax, Nova Scotia.
- Liu, J., T. Veeman and M. Veeman. "Meat Consumption Patterns in China and the Implications for Grain Self-sufficiency." Presented at the Northeastern Agricultural and Resource Economics Association - Canadian Agricultural Economics Society Conference, June 20-23, 2004, Halifax, Nova Scotia.
- Lomeli, J. and E. Goddard. "Pursuing Robust Estimates: Does Cross-sectional Analysis Support Previous Evidence of the Impact of Media Information on Canadian Meat Demand?" Presented at the Northeastern Agricultural and Resource Economics Association - Canadian Agricultural Economics Society Conference, June 20-23, 2004, Halifax, Nova Scotia.
- Luckert, M. "Challenges that Tenure Policies Create for Resource Managers Attempting to Manage for Ecosystem/Sustainable Forest Management." Invited and sponsored presentation delivered to the Alberta Advanced Forest Management Institute, Module V, Hinton, January, 2004.
- Luckert, M. "Reducing Uncertainty Through Improved Knowledge: Private vs Public Incentives." Presented at the Southern Forest Economists Meetings in Augustine, Florida, March 15, 2004.
- Luckert, M. "In Search of Optimal Institutions for Sustainable Forest Management: Lessons from Developed and Developing Countries." Presented at the International Conference on Economics of Sustainable Forest Management, Toronto, May 20-22, 2004.
- Luckert, M. "Community Access to Water, Grazing and Woodland Resources in Communal Lands, Resettlement Areas and Small-Scale Commercial Farming Areas in Zimbabwe." Presented at the IDRC Synthesis Workshop, August, 2004.

- Luckert, M. "The Challenge of Institutional Redesign: Tenure Competitiveness and Sustainability." Invited presentation to the Alberta SFMN Partners Group, Edmonton, September 1, 2004.
- Luckert, M. "Key Issues in Fieldwork Design for Forests and Poverty Alleviation," "Methods for Data Analysis for Forestry and Poverty Alleviation," and (with M. Mutamba and B. Campbell) "Surveying Livelihoods in Subsistence Economies: The Chivi Story." Invited presentations at the Poverty and Forestry Workshop, Centre for International Forestry Research, Bogor, Indonesia, September 22, 2004.
- Luckert, M. "You Can't Sell That! Property Right for Wildlife Values". Invited presentation and panel member at the People, Wildlife and Hunting: Emerging Conservation Paradigms conference, Edmonton, Alberta, October 22, 2004.
- Luckert, M. "Governance and Forest Policy: Issues and Opportunities." Invited presentation at the Centre for International Governance Innovation, University of Waterloo, Waterloo, Ontario, October 29, 2004.
- MacKendrick, N. and D. Davidson. "The Singular and Plural of Capital: A Case Study of Environmental Reform." Presented at the Canadian Sociology and Anthropology Association Meetings in Winnipeg, June 3-6, 2004.
- McCann-Hiltz, D., Y. Peng and E. Goddard. "Consumer Demand for Meat in Alberta, Canada: Impact of BSE." Presented at the 2004 Annual Meeting of the American Agriculture Economics Association, Denver, Colorado, August 1-4, 2004.
- McQueen, J. "Technological Change and Returns to Scale in the Sawmilling Industry of the Lake States." Presented at the Northeastern Agricultural and Resource Economics Association - Canadian Agricultural Economics Society Conference, June 20-23, 2004, Halifax, Nova Scotia.
- McQueen, J. and K. Potter-Witter. "Factor Demand in the Sawmilling Industry of the Lake States." Presented at the 2004 Annual Meeting of the American Agriculture Economics Association, Denver, Colorado, August 1-4, 2004.
- Mendoza, G. "The Problem of Water Availability at Mexico's Northern Border: An Analysis of the Crop Supply Response in the Rio Bravo/Rio Grande Basin." Presented at the Northeastern Agricultural and Resource Economics Association - Canadian Agricultural Economics Society Conference, June 20-23, 2004, Halifax, Nova Scotia.
- Moon, A., V. Adamowicz, P. Boxall. "Complexity in Decision Making: The Effect of Task Structure and Context on Participant Response." Presented at the Northeastern Agricultural and Resource Economics Association - Canadian Agricultural Economics Society Conference, June 20-23, 2004, Halifax, Nova Scotia.
- Nam, K., E. Goddard, P. Boxall, H. Dakurah and N. Osuteye. "Environmental Cooperative Structures: The Case of Manure Disposal in Alberta." Presented at the Northeastern Agricultural and Resource Economics Association - Canadian Agricultural Economics Society Conference, June 20-23, 2004, Halifax, Nova Scotia.
- Neupane, A., P. Boxall and R. Pelletier. "Assessing Recreation Values at Risk from Wildfire: A Method for Prioritizing Fire Events." Presented at the Northeastern Agricultural and Resource Economics

Association - Canadian Agricultural Economics Society Conference, June 20-23, 2004, Halifax, Nova Scotia. Also presented at the Annual Meeting of the American Agriculture Economics Association, Denver, Colorado, August 1-4, 2004.

Neupane, A., P.C. Boxall and R. Pelletier. "Assessing the Recreation Values at Risk from Wildfire in Alberta." Poster presentation at Joint 2004 Meeting of the Canadian Institute of Forestry and the Society of American Foresters, Edmonton Alberta, October 2-6, 2004.

Panter, C. and E. Goddard. "Estimating the Demand for Disaggregated Chicken Products and Parts in Canada: An Application of Scanner Data." Presented at the Northeastern Agricultural and Resource Economics Association - Canadian Agricultural Economics Society Conference, June 20-23, 2004, Halifax, Nova Scotia.

Rittmaster, R. and V. Adamowicz. "Economic Analysis of Adverse Health Effects from Forest Fires." Presented at the Northeastern Agricultural and Resource Economics Association - Canadian Agricultural Economics Society Conference, June 20-23, 2004, Halifax, Nova Scotia.

Rodriguez, D. "Transgenic Maize in Mexico: Ecological, Economic and Related Concerns." Presented at the Genome Canada GELS Symposium, Vancouver, B.C., February 5-7, 2004.

Seyoum, E., E. Goddard and D. MacLaren. "Policy Simulation in the International Dairy Market." Presented at the Australian Agricultural and Resource Economics Society 48th Annual Conference, Melbourne, Victoria, February 11-13, 2004.

Shank, B., E. Goddard, J. Freebairn and G. Griffith. "Dynamic Industry Structure and Benefit Pass-Through Rates from Generic and Brand Advertising." Presented at the Australian Agricultural and Resource Economics Society 48th Annual Conference, Melbourne, Victoria, February 11-13, 2004.

Shank, B., E. Goddard, J. Freebairn and G. Griffith. "Pricing Games in Poultry Markets: The Cases of Eggs in Australia and Chicken in Canada." Presented at the Australian Agricultural and Resource Economics Society 48th Annual Conference, Melbourne, Victoria, February 11-13, 2004.

Steiner, B. "Agri-Food Supply Chain: Overview, Issues and Cases." Invited presentation as part of the Chong Qing Management Training Program, University of Alberta School of Business, Edmonton, Alberta, November 11, 2004.

Unterschultz, J.R. "Farm Level Risk Management Using Models: VaR and Other Models." Invited presentation to Coop Symposium, University of Alberta, Edmonton, Alberta, June 2, 2004.

Varghese, J. and N. Krogman. "Comparative Analysis of Impacts of Two Forms of Local Ownership." Presented at the 24th Annual International Association for Impact Assessment Conference, Vancouver, April, 24-30, 2004.

Varghese, J., N. Krogman, T. Beckley and S. Nadeau. "Critical Exposé of Local Ownership." Presented at the 24th Annual International Association for Impact Assessment Conference, Vancouver, April 24-30, 2004.

Veeman, M. "Risk Attitudes and GM Food: Will Canadian Consumers Buy Bread made with GM Wheat." Presented at the 2004 Cooperative Symposium, University of Alberta, Edmonton, Alberta, June 2, 2004.

- Veeman, M. "Public Policy Implications of Industry Consolidation: Canadian Perspectives." Presented at the International Association of Milk Control Agencies Annual Meeting, Colorado Springs, August 8, 2004.
- Veeman, M. "Standards, Labeling and the WTO." Presented to visiting Chinese Scholars, School of Business, University of Alberta, November 4, 2004.
- Wang, C. and E. Goddard. "Household Demand for Non-alcoholic Beverages in Canada." Presented at the Northeastern Agricultural and Resource Economics Association - Canadian Agricultural Economics Society Conference, June 20-23, 2004, Halifax, Nova Scotia.
- White, E., M. Veeman and V. Adamowicz. "Potential Risks and Benefits to Consumer, Farmer, and the Environment." Presented at the Genome Canada GELS Symposium, Vancouver, B.C., February 5-7, 2004.
- White, E., M. Veeman and V. Adamowicz. "Financial and Health Costs of Pesticide Use in Growing Conventional and Genetic Modification of Potatoes in Prince Edward Island." Presented at the Northeastern Agricultural and Resource Economics Association - Canadian Agricultural Economics Society Conference, June 20-23, 2004, Halifax, Nova Scotia.
- Yang, J., M. Veeman and Y. Li. "Time Allocation on Farming and Non-Paid Domestic Work: The Behavior of Farmers in Poor Areas of China." Presented at the 2004 Annual Meeting of the American Agriculture Economics Association, Denver, Colorado, August 1-4, 2004.
- Zhang, J. and E. Goddard. "A Pooled Cross-Sectional-Time-Series Model of Canadian Fluid Milk Consumption." Presented at the Northeastern Agricultural and Resource Economics Association - Canadian Agricultural Economics Society Conference, June 20-23, 2004, Halifax, Nova Scotia.

Proceedings, Abstracts and Other Items

- Allen, T., N. Krogman, P. Smith and K. VanEvery. 2004. "Renewal and Relevance: The Challenges Facing Forestry Education." *Aboriginal Times: Issues Impacting Canadians* 8(4):8-11.
- Cash, S.B. and S. D. Brody. 2004. "Why Resource-based Industries Should Participate in Collaborative Ecosystem Approaches to Management: A Conceptual Framework." Hazard Reduction and Recovery Center Technical Report No. 04-01R, Texas A&M University, College Station, Texas.
- Cash, S., B. Cortus, E. Goddard, A. Han, J. Lomeli and M. Lerohl. 2004. "Integrating Food Policy with Growing Health and Wellness Concerns: An Analytical Literature Review of the Issues Affecting Government, Industry, and Civil Society." Report to Agriculture and Agri-Food Canada, 160 p.
- Cash, S.B., D.L. Sunding, and D. Zilberman. May 2004. "Fat Taxes and Thin Subsidies: Prices, Diet, and Health Outcomes." AgEcon Search Working Paper number 14428.
- Chen, K.Z. 2004. "Retail Revolution, Entry Barriers and Emerging Agri-food Supply Chains in Selected Asian Countries: Determinants, Issues, and Policy Choice." A Report Submitted to Agricultural Support Systems Division, the FAO. 76 p.
- Chen, K.Z., Y. Chen and M. Shi. 2004. "Formation of Vegetable Supply Chains in China." Paper prepared for the FAO Technical Workshop Globalization of Food Systems: Impacts on Food Security

and Nutrition, Rome, Italy, October 8-10. 28 p.

Chen, K.Z., M. Shi, and G. Hailu. 2004. "Willingness to Pay for Non-Genetically Modified Vegetable Oil in China." *Journal of Zhejiang University* 34(3):53-61.

Chen, K. Z., K. Yoshida, W. Hu, and M. Shi. 2004. "Consumer Attitude, Perception, and Acceptance Towards Credence Attributes of Canola Oil in Japan." A Report Submitted to the University of Tsukuba and GE3LS, Agricultural Genomics Award, Canada.

Freebairn, J., E. Goddard and G. Griffith. 2004. "Generic Promotion in the Food Marketing Chain." A Report for the Rural Industries Research and Development Corporation No. 04, 35 p.

Freebairn, J., E. Goddard, G. Griffith and B. Shank. 2004. "Optimal Egg Marketing Under Changing Market Structures." A Report for the Australian Egg Corporation Limited Publication No. 04, 56 p.

Molik, T.E., K.M. Johnson, M. McMillan, P.C. Boxall, W. Chan, J. Thompson, E. Smith, and M. Fujida. 2003. "Impact of Oil and Gas Facilities on Rural Residential Property Values." A Report for the Alberta Energy Utilities Board, Calgary Alberta. 61p.

Shapansky, B., W.L. Adamowicz and P.C. Boxall. 2003. "Measuring Forest Resource Values: An Assessment of Choice Experiments and Preference Construction Methods as Public Involvement Tools." In: Pricing Environmental Services of Agriculture, Proceedings of an International Workshop, Schloss Rauischholzhausen, Germany. M. Kissling, K. Schmitz, P.M. Schmitz and T.C. Wronka (editors), p. 153-186.

Stieb, D.M., A.J. Krupnick, W.L. Adamowicz, P. De Civita, R.T. Burnett, and B. Jessiman. 2004. Letter to the Editor. *Risk Analysis*. 24(2) p. 305.

von Haefen, R. H., D. M. Massey, and W. L. Adamowicz. "Serial Non-Participation in Repeated Discrete Choice Models" November 2004.

Wellstead, A.W., D.J. Davidson and R.C. Stedman. 2004. "Assessing Prairie Forest Policy Networks and Policy Oriented Beliefs." Information Report NOR-X-395, Canadian Forest Service, Northern Forestry Centre.

Staff Papers and Research Project Reports

Chen, K.Z. and L.X. Miao. 2004. "Consumers' Preferences for Fresh Meat Attributes and Retail Outlets in China." AARI Project Report Part I #990015. 97 p.

Chen, K.Z. 2004. "A Marketing Study of the Chinese Market for High-end Beef Cuts." AARI Project Report Part II #990015. 55 p.

Chen, K., C. Chen and M. Veeman. 2004. "Consumer Household Food Demand in Canada." AARI Project Report #990016. 126 p.

Hu, W. 2004. "Dollars or Cents: Impacts of Rescaling Data on a Mixed Logit Model with Normally and Lognormally Distributed Coefficients." Staff Paper 04-01, Department of Rural Economy, University of Alberta. 9 p.

Veeman, M. and W. Adamowicz. 2004. "Genetically Modified Foods: Consumers' Attitudes and

Research in Progress as of December 31, 2004

Principal Investigator Sponsor		Title of Grant
Adamowicz, Vic	Sustainable Forest Management	Research Associate Application: Economic Indicators within an Integrated Landscape Assessment
Adamowicz, Vic	Canada Research Chair	Canada Research Chair
Adamowicz, Vic	The Canada Foundation for Innovation	Developing Computing Facilities for the Integration of Forest and Resource Management and Environmental Economics
Adamowicz, Vic	Sustainable Forest Management	Economic Analysis of the Effects of the Wildlife and Wildfire Management on Air Quality
Adamowicz, Vic	Sustainable Forest Management	An Assessment of Economic Sustainability Indicators in a First Nations Context
Adamowicz, Vic	Brock University Subgrant (Canadian Water Network)	Health and Social Benefits of Pathogen Reduction
Adamowicz, Vic	BIOCAP / SFM	Carbon Credit Trading: The Law, Firm Behaviour, Economics and Landscape Impacts
Boxall, Peter	Sustainable Forest Management	A Static and Dynamic Analysis of Forest Recreation Values at Risk
Boxall, Peter	Ducks Unlimited	On-Farm Economics of Drainage and Conversion of Wetlands to Agricultural Production in Western Canada
Cash, Sean	UofA: HFASSR (Humanities Fine Arts and Social Sciences Research) Operating Grant	Demand of Water Resources in Queretaro, Mexico
Cash, Sean	EFF Support for Advancement of Scholarship	Risk, Overcompliance, and the Effects of Tradeable Pollution Permit Programs
Chen, Kevin	Alberta Agriculture Research Institute (AARI), Alberta Livestock Development Fund (ALIDF), Agriculture and Food Council (AFC)	CLA Enriched Milk and Milk Product Development - Production and Marketing

Principal Investigator Sponsor		Title of Grant
Chen, Kevin	Genome Prairie GELS	Consumer Attitude, Perception and Acceptance towards Canola Oil in Japan.
Chen, Kevin	EFF Support for Advancement of Scholarship	China's Emerging Dairy Economy in the 21st Century: New Technologies, Market Development and Rising Incomes
Chen, Kevin	EFF Support for Advancement of Scholarship	Agro-industrialization, Emerging Supermarkets, and Development of Agro-Supply Chains in China
Chen, Kevin	Alberta Agriculture, Food and Rural Development; Agriculture Funding Consortium (AARI's Distribution); Agriculture Funding Consortium (DLFOA's Distribution)	Assessing the Consumer Acceptance and Market Potential of Alternative Meats
Copeland, Jim	Agriculture and Food Council	Cooperative Program in Agricultural Marketing and Business Symposium
Davidson, Debra	AB Innovation and Science ASRA	Development of a Core Facility for Spatial Applications of Social Ecology
Davidson, Debra	SSHRC 4A	States and Societies in North American Forest Governance
Davidson, Debra	EFF Support for Advancement of Scholarship	Energy and Environmental State
Davidson, Debra	Sustainable Forest Management	Social Sustainability: Strategies for Definition, Measurement and Management
Davidson, Debra	Sustainable Forest Management	Alberta Forest Management in the Public Sphere: A Province-wide Case Study of Public Advisory Groups
Davidson, Debra	Canada Foundation for Innovation	Development of a Core Facility for Spatial Applications of Social Ecology
Davidson, Debra	Sustainable Forest Management	Integration of Forestry and Oil/Gas Policy Regimes: Opportunities and Constraints
Goddard, Ellen	Poultry Industry Council	Returns to Research and Product Development Under Imperfect Competition: Canadian Chicken Industry

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Goddard, Ellen	Agriculture Funding Consortium - Alberta Livestock Development Fund	Modelling Chicken Demand (by product) and Strategic Games by Processors and Retailers to Improve Policy Analysis
Goddard, Ellen	Agriculture and Agri-Food Canada - Agricultural Policy Research Networks Program	Consumer and Market Demands Network
Goddard, Ellen	Sustainable Forest Management	The Role of Renewable Resource Councils in Community Based Forest Management and Planning in the Yukon: Alesk Renewable Resource Council
Hauer, Grant	Sustainable Forest Management	Integrated Assessment of Intensive Forest Management Under the TRIAD Approach to Land Use Design
Jeffrey, Scott	EFF Support for Advancement of Scholarship	Economic and Environmental Impacts of Technological and Regulatory Changes for Western Canadian Beef Producers
Jeffrey, Scott	Alberta Agriculture, Food and Rural Development	Economies of Scale in Alberta Cow/Calf Operations
Jeffrey, Scott	Alberta Agriculture, Food and Rural Development	Evaluating Risk Management Strategies for Alberta Cow/Calf Operations
Krogman, Naomi	Canadian Circumpolar Institute	Dearth of Sociological Analysis of Oil and Gas Impacts on Northern Native Communities
Krogman, Naomi	Sustainable Forest Management	Caribou Mountains Critical Wildlife/Habitat and Traditional Ecological Knowledge Study
Krogman, Naomi	Alberta Pacific Forest Industries Inc.	Community Perceptions of Waste Water Lac La Biche
Krogman, Naomi	Sustainable Forest Management	Professional Forester Certification in the New Millennium: Opportunities and Constraints for Forestry Curriculum Change
Krogman, Naomi	Memorial University of Newfoundland	SFM Moose Cree Forest Knowledge Network
Krogman, Naomi	Canadian Circumpolar Institute	DIAND - Northern Scientific Training Program (NSTP) Research Award

Principal Investigator Sponsor		Title of Grant
Krogman, Naomi	Sustainable Forest Management	Social Sustainability: Strategies for Definition, Measurement and Management
Krogman, Naomi	Canadian Circumpolar Institute	DIAND - Northern Scientific Training Program (NSTP) Research Award
Krogman, Naomi	Sustainable Forest Management	The Role of Renewable Resource Councils in Community Based Forest Management and Planning in the Yukon: Alesk Renewable Resource Council
Krogman, Naomi	Sustainable Forest Management	Student Internship
Lerohl, Milburn	EFF Support for Advancement of Scholarship	Case Study on Cooperatives: Why the Saskatchewan Wheat Pool Changed its Structure
Luckert, Martin	University of Zimbabwe (IDRC Subgrant)	Community Land Project
Luckert, Martin	Sustainable Forest Management	The Challenge of Institutional Redesign: Tenure, Competitiveness and Sustainability
Luckert, Martin	Sustainable Forest Management	Socio-economic Assessment of Intensive Forest Management
Unterschultz, James	Genome Prairie GELS	Commercialization and Society and its Policy and Strategies Implications
Unterschultz, James	EFF Support for Advancement of Scholarship	Viability of Derivative Usage of Alberta Government Non-renewable Resource Tax Revenue Management
Unterschultz, James	Canadian Agricultural Economics Society (CAES)	Funding for the Position of Editor of Canadian Journal of Agricultural Economics (CJAE)
Unterschultz, James	Alberta Agriculture, Food and Rural Development	Innovative Tools in Agriculture and Agribusiness Management
Veeman, Michele	Genome Prairie GELS	Commercialization and Society and its Policy and Strategies Implications
Veeman, Michele	Alberta Agriculture Research Institute (AARI)	Risk Perception, Social Interactions and the Influence of Information on Social Attitudes to Agriculture Biotechnology

Principal Investigator Sponsor		Title of Grant
Veeman, Michele	Various	2003 Durban IAAE Conference - Contributed Papers Process
Veeman, Michele	EFF Support for Advancement of Scholarship	Economic Implications: Social Attitudes and Policy Development for Plant Made Pharmaceuticals
Veeman, Terrence	Sustainable Forest Management	Economic Issues in Assessing Sustainable Development in Forestry
Veeman, Terrence	Sustainable Forest Management	Economic and Policy Issues in Achieving Sustainable Forest Management