

RURAL ECONOMY

2001 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 2001	1
Rural Economy Staff	3
Awards to Graduate Students in 2001	4
Awards to Staff in 2001	5
Professional Offices Held by Staff in 2001	5
Staff on Leave in 2001	6
Graduate Students Completing Programs in 2001, Thesis Topics and Supervisors	6
Graduate Students Commencing and Continuing Programs Through 2001 and Their Degree	7
Visiting Professors/Scholars	8
Visiting Speakers and their Topics	8
A Major Academic Activity: Rural Economy Participation in Sustainable Forest Management - The Network of Centres of Excellence.....	11
International Projects	11
Rural Economy Facilities	12
2001 Publications	12
Refereed Publications (Journal Articles, Books and Chapters in Books).....	12
Oral Presentations, Posters, Proceedings and Abstracts and Other Items	19
Staff Papers and Research Project Reports.....	20
Other Research Projects Completed January 1 - December 31, 2001	22
Research in Progress as of December 31, 2001	23

Rural Economy in 2001: 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 is the basis of a periodic stock-taking of many activities 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 in the previous year. Readers will also find summaries of research grants, involvement with international programs, and other indicators of research and outreach activities. This annual report also provides a 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). If you wish for more information on any activities please don't hesitate to contact us. Full contact details are on our recently upgraded website.

Rural Economy achieved many of the goals that we had set for year 2001. In that year we undertook a comprehensive review of undergraduate courses in agricultural economics, policy and business. This has been the basis for updating course offerings, changing them to reflect a more integrative focus on the resource, environmental and business dimensions of agricultural, food and forestry industries. Changes in course offerings also reflect the specializations of new staff members who have joined Rural Economy in the past few years. Some of the changes in course focus will come into play immediately; others will take effect in 2003, following the publication that year of new course names and descriptions in the University of Alberta Calendar.

We had many events to celebrate in 2001. Amongst the highlights, the excellence of Vic Adamowicz's research was recognized by the award of a Senior Canada Research Chair. As a consequence of this award, the Department is able to hire an additional resource/environmental economist. It is hoped that this position will be filled in the current year. The Department's Cooperative Chair program in Agricultural Marketing and Business was reinvigorated during the year by the Cooperative Program Chair-holder, Ellen Goddard. This program has contributed to research and has strengthened outreach and communications with agri-industry. The Department's research, industry and public outreach activities in areas of resource, environmental and forest economics have continued to be pursued in collaboration with industry and government linkages that have been reinforced through the Sustainable Forest Management Network.

As in previous years, we are pleased that it has been possible to provide enrichments to the educational and learning environment that Rural Economy can offer students through the excellent facilities of the Rural Economy Research Computing Lab and Rural Economy's Berg Reading Room. Both these facilities have benefited from staff members' success in competitive granting competitions, as well as from the generous donations to Rural Economy from its friends. The generosity of donors has also enabled numbers of Rural Economy students to benefit from travel to and participation in professional meetings throughout the year.

I wish to express my personal thanks to colleagues and friends of Rural Economy who have helped the Department to pursue its mission in the time that I have been Chair. After two terms--ten years--it is time for a new Chair to take over. Ellen Goddard will have the responsibility to lead the Department from July 1, 2002. I know that she will enjoy the support of colleagues and friends of Rural Economy in her new role as Acting Chair of this Department in the coming year.

Michele Veeman, Chair

Rural Economy Staff

Academic Staff

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

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

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

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 (Bundoora, Australia); Professor and Cooperative Chair; Agricultural Marketing and Business.

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

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

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

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

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

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

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

Michele M. Veeman, PhD (California at Berkeley); Professor and Chair; Markets, Policy, Trade. *Graduate Co-Coordinator.*

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.

Len Bauer, PhD (Oregon State); Professor Emeritus; Agricultural Management, Production Economics.

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.

Bonnie L. McFarlane, PhD (Alberta); Adjunct Professor; Forest Social Science.
 Eloise C. Murray, PhD (Pennsylvania State); Professor Emeritus; Gender Issues, Extension, Int'l. Development.
 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. Tyrchniewicz, PhD (Purdue); Professor Emeritus; Policy, Transportation, International Development.

Support Staff

Judy Boucher, Administrative Assistant
 Liz Bruce, Student Services Coordinator
 Randy Page, LAN Administrator
 Marilou Stegmeier, Department Administrator
 Dawn Zrobok, Reading Room Supervisor

Sessional Lecturers and Research Fellows

Shiferaw Adilu, Sessional Lecturer
 Bob Burden, Sessional Lecturer
 Michel Haener, Research Associate
 Atakelty Hailu, Research Associate
 Anne Huennemeyer, Research Assistant Prof.
 Marian Weber, Post Doctoral Research Fellow
 Robert Williams, Sessional Lecturer
 Jeji Varghese, Research Associate
 Yaoqi Zhang, Post Doctoral Research Fellow

Awards to Graduate Students in 2001

Chanchoura Bouphasiri - John Proskie Memorial Scholarship
 Armstrong Duku-Kaakyire - Alberta Agricultural Economics Association Master's Scholarship
 Cyril Chami - African Economic Research Consortium (AERC) Scholarship
 June Fan - Co-operative Chair Studentship in Agricultural Marketing and Business Scholarship
 Hailu Getu – FS Chia PhD Scholarship
 TW Manning Book Prize in Agricultural Economics
 Mohamud Habiba – Canadian Commonwealth Scholarship and Fellowship Program
 Larry Hegan - Canadian Agricultural Economics Society Honourable Mention Master Thesis Award
 Joffre Hotz - The Agricultural/Food Business Management Scholarship
 Wuyang Hu - FS Chia PhD Scholarship

Israel Huygen - BJ McBain Scholarship
Lorraine Jonasi - CANFOR Scholarship in Forest Business Management
Xiaozhan (Jean) Liu – FS Chia PhD Scholarship
Diane McCann - Canadian Wheat Board Graduate Fellowship
Jamie Miller - Murray and Pauline Hawkins Research Bursary
Ross Mitchell - Province of Alberta Graduate Fellowship
- TW Manning Book Prize in Rural Sociology
Gunnilla Nilsson - Walter H Johns Graduate Fellowship
- Natural Sciences and Engineering Research Council Industrial Postgraduate
Scholarship
Jason Politylo - John Proskie Memorial Scholarship
Elspeth White - B.J. McBain Scholarship

Awards to Staff in 2001

Wiktor Adamowicz - Awarded Canada Research Chair (Economics).

Peter Boxall - Named to the AFHE Teaching Wall of Fame.

Naomi Krogman - Named to the AFHE Teaching Wall of Fame.

Professional Offices Held by Staff in 2001

Wiktor Adamowicz - Project Leader, SFM Network of Centres of Excellence; Member of Editorial Board for the Journal of Forest Economics; Member of Editorial Council for the Journal of Environmental Economics and Management.

Peter Boxall - Associate Editor for Economics, International Journal of Wildland Fire; Academic Representative, Review of Senior Citizens' and Limited Angling License Review Advisory; Advisory Committee, Biosphere Institute of the Bow Valley.

Kevin Chen - Member, Western Coordinating Committee; Member, ad-hoc Alberta Agriculture's China Interest Group; Councilor, and Chair, Selected Paper Committee for 2002 Annual Meeting, Canadian Agricultural Economics Society; Member, American Agricultural Economics Association Thesis Award Committee; Member, The CLA Network, Alberta.

Debra Davidson - Member of the Editorial Board for the Human Ecology Review.

Ellen Goddard - Associate Editor, Australian Journal of Agricultural Economics; Chair, Paper Selection Committee, International Food and Agribusiness Management Association Annual Meeting;

Member of Executive Committee of the Alberta Agricultural Economics Association;
Associated Scholar, Centre for the Study of Cooperatives, University of Saskatchewan.

Scott Jeffrey - Member of the Advisory Council, Western Canadian Dairy Seminar.

Naomi Krogman - Associate Editor, Society and Natural Resources; Associate Editor, International Journal of Qualitative Methodology. Named to the AFHE Teaching Wall of Fame. Awarded tenure and promotion to Association Professor effective July 2002.

Marty Luckert - Associate Editor, Forestry Economics and Policy, Canadian Journal of Forest Research and Forestry Chronicle; Member, Alberta Forest Science Council; Member, Ontario Stumpage Review Panel; Member, Adaptive Management Land Use Advisory Group; Group Leader, Policy, Sustainable Forest Management Network.

James Unterschultz - Alberta Representative for Western Agricultural Economics Association; Chairing Board of Directors of Western Food Conference.

Michele Veeman - Member, Advisory Committee on Agricultural Statistics for Statistics Canada; Member, Internal Trade Dispute Settlement Panelist Roster (for the Province of Alberta); Member of the Board of Trustees of the National Centre for Food and Agricultural Policy (Washington); Member of Editorial Board of the Estey Centre Journal of International Law and Trade Policy; International Association of Agricultural Economists contributed paper co-chair, XXV International Conference of Agricultural Economists, Durban, South Africa, August 2003.

Terry Veeman - Interim Program Leader, SFM Network of Centres of Excellence; Director, International Association of Agricultural Economists - Canadian Chapter, and IAAE representative on the Executive of the Canadian Agricultural Economics Society; Director, Canadian Water Resources Association - Alberta Branch; Member, Advisory Committee, Environmental Research and Studies Centre; Member, Board of Examiners, Alberta Institute of Agrologists; International Association of Agricultural Economists contributed paper co-chair, XXV International Conference of Agricultural Economists, Durban, South Africa, August 2003.

Staff on Leave in 2001

Wiktor Adamowicz, July 1, 2001 to June 30, 2002 (Resources for the Future, Washington, DC).

Graduate Students Completing Programs in 2001, Thesis Topics and Supervisors

Dzuda, Lorraine. Analysis of Soil and Water Conservation Techniques in Zimbabwe: A Duration Analysis.
M.Sc. (Hauer)

- Grant, Heather-Anne. The Cost Competitiveness of Alberta Dairy Farms. M.Sc. (Jeffrey/M. Veeman)
- Khan, Murad Ali. Preference Analysis for Fresh Pork by Asian Origin Consumers in North America. M.Sc. (Chen)
- Kim, Renee Boyoung. Quality Preferences for Wheat and Wheat Flour: Noodle Wheat Markets in Japan and South Korea. Ph.D. (M. Veeman/Unterschultz)
- Moyo, Sibongile. Discrete Choice Analysis of the Feed Technology Decisions of Smallholder Dairy Farmers in Zimbabwe. M.Sc. (M. Veeman/Adamowicz)
- Nasir, Sheraz. Production Structure and Changing Input Use in Prairie Agriculture. M.Ag. (T. Veeman)
- Pearson, Angela. Macroeconomic Indicators of Sustainability for Alberta. M.Sc. (T. Veeman)
- Poitras-Collins, Tracey. Formally Educated First Nations Women in the Treaty Six Region of Alberta: In-Group Social Acceptance and Support. M.Sc. (Krogman)
- Salegio, Julius. Agroforestry Participation: A Comparison of Organizational Levels in Two Salvadoran Rural Communities. M.Sc. (Krogman)
- Shapansky, Brad. Preference Construction for Passive Use Values in NW Saskatchewan. M.Sc. (Adamowicz/Boxall)
- Vyn, Richard. Institutional Structure and the Horizon Problem in Agricultural Co-operatives: An Experimental Economics Approach. M.Sc. (Hauer)

Graduate Students Commencing and Continuing Programs Through 2001 and Their Degree

- Allen, Trena, MSc in Rural Sociology
- Bouphasiri, Chanchoura, MSc in Agricultural and Resource Economics
- Duku-Kaakyire, Armstrong, MSc in Agricultural and Resource Economics
- Fluet, Colette, MSc in Rural Sociology
- Getu, Hailu, PhD in Agricultural and Resource Economics
- Habiba, Mohamud, MAg in Rural Sociology
- Heckbert, Scott, MSc in Agricultural and Resource Economics
- Hu, Wuyang, PhD in Agricultural and Resource Economics
- Hunt, Tanya, MSc in Forest Economics
- Huygen, Israel, MSc in Agricultural and Resource Economics
- Jabs, Jennifer, MSc in Agricultural and Resource Economics
- Jonasi, Lorraine, PhD in Agricultural and Resource Economics
- Larsen, Roy, MSc in Agricultural and Resource Economics

Liu, Xiaozhan, PhD in Agricultural and Resource Economics
MacKendrick, Norah, MSc in Rural Sociology
Mackenzie, Heather, MBA/MAG
Mendez Manzanilla, Jorge, MSc in Agricultural and Resource Economics
Miao, Xiaoping, MSc in Agricultural and Resource Economics
Miller, Jamie, MSc in Agricultural and Resource Economics
Mitchell, Ross, PhD in Rural Sociology
Mittelsteadt, Nancy, MSc in Agricultural and Resource Economics
Moon, Amanda, MSc in Agricultural and Resource Economics
Moyo, Sibongile, PhD in Agricultural and Resource Economics
Murray, Gordon, MSc in Agricultural and Resource Economics
Nam, Kang-Weon, MSc in Agricultural and Resource Economics
Nanang, David, PhD in Forest Economics
Nilsson, Gunnilla, MSc in Forest Economics
Panter, Chris, MSc in Agricultural and Resource Economics
Politylo, Jason, MSc in Agricultural and Resource Economics
Qian, Xiaochao, MSc in Agricultural and Resource Economics
Varghese, Jeji, PhD in Rural Sociology
Wang, Xin, M.Sc. in Agricultural and Resource Economics
Wiredu, Emmanuel PhD in Agricultural and Resource Economics
Zindi, Christopher, PhD in Agricultural and Resource Economics

Visiting Professors/Scholars

Guanghua Qiao. Chinese Visiting Scholar, Inner Mongolia Agricultural University, PRC from January 2001 to December 2001.

Minjun Shi. Visiting Professor, Institute of Agriculture and Forestry, University of Tsukuba, Japan from July 2001 to November 2001.

Yasushi Shoji. Visiting Research Assistant, Division of Environmental Resources, Hokkaido University, Japan from August 2000 to April 2001.

Wenmin Zhong. Visiting Chinese Scholar, Foreign Economics Division of Xinjiang Provincial Financial Bureau, PRC from November 2001 to November 2002.

Visiting Speakers and their Topics

Tom Power, Chair, Economics Department, University of Montana. *Are We Really Poor? Size of Place and Relative Pay and Income in Small Cities and Non-Metropolitan Areas of the*

US. March 8.

Robert Romain, Professor, University of Laval. *Assessing Technical Efficiency of Quebec Dairy Farms*. March 13.

Vernon Ruttan, Professor Emeritus, Department of Applied Economics, University of Minnesota. *The Role of Government in Technology Development*. October 11.

Brent Swallow, Principal Economist, ICRAF. *What We Know and What We Need to Know About the Rural Economy and Ecology of Agroforestry*. July 19.

Allan Walburger, Coordinator of the Agricultural Studies Program, University of Lethbridge. *Evaluating the Registration Process for New Varieties of Bread Grains in Canada*. March 5.

Overview of the Cooperative Program in Agricultural Marketing and Business

The Department of Rural Economy's Cooperative Program in Agricultural Marketing and Business was created through 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, for cooperatives or other organizations. At the current time cooperatives in Western Canada are at a significant crossroads, as two of the biggest players have become private firms in the past 12 months. For the first time in Canadian history the cooperative stake is significantly less than 50% of the dairy processing and grain handling industries. Almost all agricultural cooperatives are struggling with issues relative to capital investment to expand or adopt new technologies, as well as questions of governance. Thus there is a large range of projects of interest to this program.

In addition to supporting the position of the Chair-holder, Dr. Ellen Goddard, the Cooperative program is funding graduate student research in agricultural marketing and business. Currently three Masters students and one PhD student are being funded through the program. Their research topics are :

The Impact of Foreign Direct Investment on Canadian Agribusiness

Potential for Increased Poultry Exports from Canada

Should Environmental Cooperatives be used in Canada?

Measuring the Risks of Debt Leveraging in Cooperative Agribusinesses

A project on the potential use of the New Generation Cooperative model by organic grain growers was completed in Fall 2001.

This program also encourages various extension and outreach activities. This year it provided for a visit from Professor Ron Cotterill to the Department of Rural Economy. Ron is an expert in anti-trust cases in the American food business and presented a seminar on the importance of market structure on price transmission. As well the program produces a newsletter three times a year and maintains a web site. (<http://www.re.ualberta.ca/coopchair>)

A Major Academic Activity: Rural Economy Participation in Sustainable Forest Management - The Network of Centres of Excellence

The Sustainable Forest Management Network, one of Canada's 22 Networks of Centres of Excellence, is centred at the University of Alberta, but national in scope. This is a national research network focused on management of the boreal forest, involving university, industry, Aboriginal and government collaboration in research. The Faculty of Agriculture, Forestry and Home Economics plays a major role in this NCE. Several faculty members are principal investigators in the Network. Dr. Vic Adamowicz (Rural Economy) who has been Program Leader of the Network since late 1998 was on study leave from July 1 2001. Dr. Terry Veeman (Economics/Rural Economy) who is a co-theme leader of one of the three themes (Strategies and Institutions for Sustainable Forest Management) is Interim Leader of the Network from July 2001 through June 2002. In addition several Rural Economy faculty members have graduate students funded through the network.

The Sustainable Forest Management NCE is core funded by two federal granting councils: The Natural Sciences and Engineering Research Council (NSERC) and the Social Sciences and Humanities Research Council (SSHRC), in collaboration with Industry Canada. The Network is also supported by several industry partners, provincial governments, and First Nations partners. The Network's annual budget for research and networking is now over \$7 million. The Network has been extended with expanded federal funding for another four years in its second seven-year cycle.

The Network examines new approaches to forest management that can maintain the nation's forest based-economy while not compromising biodiversity and ecological goals. The Network has nine major research areas within three theme or legacy areas: Ecological Basis of Sustainability, Strategies and Institutions for SFM, and Minimum Impact Technologies. The theme areas interact to provide linkages between ecology, forest practices, processing and pollution control technology and social and economic development that are necessary to develop new approaches to forestry and new forest policies.

International Projects

Agroforestry Southern Africa Project is a five year project (M. Luckert, U of A Director), funded by the Canadian International Development Agency, that continued through 2001 and will conclude in 2002. It has provided for a continuation of many collaborative activities of Rural Economy and the University of Zimbabwe that were initiated through the earlier Value of Trees Project. In 2001 this project supported a series of short courses, contributed to the training of several graduate students, and aided the development of curriculum materials. Two Zimbabwean students who had been supported by this funding for MSc studies completed this and moved into the PhD program in 2001 (Sibgonile Moyo and Lorraine Dzuda). Another Zimbabwe student whose PhD program in Rural Economy is supported under this program is Chris Zindi.

Two further international projects of Rural Economy continued in 2001. One of these, funded by IDRC, is the *Community Land Management (Zimbabwe)* project which commenced in late 2000. This is providing for research in how communal property rights affect land management in Zimbabwe by

the University of Zimbabwe and the University of Alberta, (through Rural Economy). The project is providing funding for three PhD students, one of whom, Sibongile Moyo, is based at the University of Alberta.

Activities in 2001 for the three-year linkage agreement between Rural Economy and the Kenya-based International Centre for Research on Agroforestry, (ICRAF) which focuses on *Valuation of Environmental Services of Agroforestry Systems* included an Agroforestry Workshop in Chipata, Zambia in late May 2001. Six Rural Economy faculty members and four University of Alberta students participated in this informative research-oriented workshop.

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 2001 to a 12 work station research facility. This focuses on specialized software used in the disciplines of Agricultural and Resource Economics, Forest Economics and Rural Sociology. Competitive capital funding may enable further expansion of the scope and capacity of this facility in the subsequent year.

Publications Reported in 2001

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

Bennett, J. and W. Adamowicz. 2001. Some Fundamentals of Environmental Choice Modelling. In: J. Bennett and R. Blamey (eds). *The Choice Modelling Approach to Environmental Valuation*. Edward Elgar. Northampton. p. 37-69.

Boxall, P.C. and B. MacNab. 2000. Exploring the Preferences of Wildlife Recreationists for Features of Boreal Forest Management: A Choice Experiment Approach. *Canadian Journal of Forest Research* 30(12): 1931-1941.

Boxall, P.C. and T.M. Beckley. 2001. "An Introduction to Methods for Measuring Non-market Value." In: Campbell, B.M. and M.K. Luckert, Editors. *Uncovering the Hidden Harvest: Valuation Methods for Woodland and Forest Resources*. Earthscan: London.

Boxall, P.C., D.O. Watson, and B.L. McFarlane. 2001. Some Aspects of the Anatomy of Alberta's Hunting Decline 1990-1997. *Human Dimensions in Wildlife* 6(1): 97-113.

Campbell, B.M., W. de Jong, M. Luckert, A. Mandondo, F. Matose, N. Nemarundwe and B. Sithole, B. 2001. "Challenges to Proponents of CPR Systems - Despairing Voices from the Socialforests of Zimbabwe." *World Development* 29(4): 589-600.

- Campbell, B., P. Frost, A. Goebel, W. Standa-Gunda, B. Mukamuri and M. Veeman. 2000. "A Conceptual Model of Woodland Use and Change in Zimbabwe." *International Tree Crops Journal* 10:347-366.
- Chen, K. Z., H. Brooks, and C. Chen. Import Demand for Malt in Selected Countries: Comments. *Canadian Journal of Agricultural Economics* 48(2000): 355-360.
- Chen, K.Z. and Y. Duan. Assessing Competitiveness of Canadian Agri-food Exports in Asia. *Journal of International Food and Agribusiness Marketing* Vol. 11(4) 2000, 1-19.
- Daniels, R. and W. Adamowicz. 2000. Environmental Valuation. In: *Handbook of Transport Modelling*. Edited by D.A. Hensher and K.J. Button. Pergamon Press, Amsterdam. p. 285-302.
- Davidson, Debra J. 2001. Federal Policy in Local Context: State-Societal Relations and the Endangered Species Act. *Policy Studies Review* 18(1):212-240.
- Dong, X.Y., Michele M. Veeman and Terrence S. Veeman. 2000. "The Chinese Enigma: Impacts of WTO Accession Invited Upon Canadian and U.S. Exports and Imports. *Canadian Journal of Agricultural Economics* 48, 4 (December):493-504.
- Dosman, D., W. Adamowicz and S. Hrudey. 2001. Socio-economic Determinants of Health and Food Safety Related Risk Perceptions. *Risk Analysis* 21:307-318.
- Fulton, M.E., B. Larue, and M. Veeman, 2000. "Competitive Impacts of State Trading Enterprises." In H. Michaelman, J. Stabler, and G. Storey (eds.), *Globalization and New Agricultural Trade Rules for the 21st Century*. Lynn Reimer. Pp. 151-167.
- Goebel, A., B. Campbell, B. Makamuri and M. Veeman. 2000. "People Values and Woodlands: A Field Report of Emergent Themes in Interdisciplinary Research in Zimbabwe." *Agriculture and Human Values* 17, 4 (December):385-369.
- Haener, M., P.C. Boxall and W.L. Adamowicz. 2000. Modeling Recreation Site Choice: Do Hypothetical Choices Reflect Actual Behavior? *American Journal of Agricultural Economics* 83(3): 629-642.
- Hatton McDonald, D., W. Adamowicz and M. Luckert. 2001. Fuelwood Collection in North-Eastern Zimbabwe: Valuation and Caloric Expenditure. *Journal of Forest Economics* 7(1): 29-52.
- Lee, Mimi, Mel Lerohl and James Unterschultz. 2001. Buyer Preferences for Durum Wheat: A Stated Preference Approach. *International Agribusiness and Food Management Review*. 3:3:353-366.

- Luckert, M.K. 2001. Can We Be Engineers of Property Rights to Natural Resources?: Some Evidence of Difficulties from the Rural Areas of Zimbabwe. *African Studies Quarterly*. 5(3) [online] URL: <http://web.africa.ufl.edu/asq/v5/v5i3a5.htm>.
- Luckert, M.K. 2001. "Welfare Implications of the Allowable Cut Effect in the Context of Sustained Yield and Sustainable Development Forestry." *Journal of Forest Economics*. 7(3): 203-224.
- Lyster, N.V., M.L. Lerohl and J.R. Unterschultz. Was the Pea Futures Contract Doomed to Fail? An Analysis of the 1995 Canadian Contract. *Current Agriculture, Food & Resource Issues* 2: 12-22.
- Naidoo, R. and W. Adamowicz. 2001. Effects of Economic Prosperity on Numbers of Threatened Species. *Conservation Biology* 15(4):1021-1029.
- Salkie, F.J., W.L. Adamowicz and M.K. Luckert. 2001. Household Response to the Loss of Publicly Provided Waste Removal: A Saskatchewan Case Study. *Resources, Conservation and Recycling* 33(1): 23-26.
- Swait, J. and W. Adamowicz. 2001. The Influence of Task Complexity on Consumer Choice: A Latent Class Model of Decision Strategy Switching. *Journal of Consumer Research* 28: 135-148.
- Unterschultz, J. and F. Novak. Compatibility of Government Guarantees with Flexibility in Canadian Wheat Price Pooling. *Canadian Journal of Agricultural Economics* 49(1):1-18.
- Van Kooten, G. Cornelis and Grant Hauer. Global Climate Change: Canadian Policy and the Role of Terrestrial Ecosystems. *Canadian Public Policy* 27(3):267-278.
- Veeman, T.S. and A. Hailu. Non-Parametric Productivity Analysis with Undesirable Outputs: An Application to the Canadian Pulp and Paper Industry. *American Journal of Agricultural Economics* 83(3) (August 2001):605-616.
- Witwicki, Nicole, Naomi Krogman, Harvey Brooks and Harvey Krahn. Success Factors for Marketing Clubs in Alberta. *Canadian Journal of Agricultural Economics* 48:311-328.

Oral Presentations and Posters

- Adamowicz, W. "Complexity and Consumer Choice." Presented at the Department of Agricultural and Resource Economics, University of Maryland. October 10.
- Adamowicz, W. "Environmental Valuation and Intra-household Choice." Paper presented at Resources for the Future, Washington D.C. October 30.

- Adamowicz, W. "Integrating the Environment into Economic Analysis." Invited presentation at the SFMN – Model Forest Network joint conference on Criteria and Indicators. Trois Rivieres, Quebec. February 11-13.
- Adamowicz, W. "Research Dimensions of Environmental Issues in the Forest." Invited presentation at Alberta Chamber of Resources Research Forum, January 18.
- Adamowicz, W. "Will Social Sciences Play a Larger Role in Resource Management in the Future?" Invited Keynote Address to "Incorporating the Human Dimension: The Role of Social Science in Natural Resource Management in British Columbia." Kelowna, B.C. June 27-28.
- Adamowicz, W. and R. Johnson. "Stated Preference Methods in Health Economics." Invited Workshop presented to the International Health Economics Association Conference, York, UK. July 22.
- Adamowicz, W., M. Hanemann and J. Swait. "Context Dependence and Aggregation in Disaggregate Choice Analysis." Invited to participate in organized session at the 2001 UC Berkeley Invitational Choice Symposium, Asilomar Conference Center, June 1-5.
- Boxall, P.C. "Economic Concepts and Values." Invited presentation to a workshop held by the International Joint Commission on Lake Ontario-St. Lawrence River, Study Board Meeting, March 21st, Rochester New York.
- Boxall, P.C. "Methods for Environmental Valuation." Invited presentation to the workshop: "Valuation of Environmental Services Provided by Agroforestry Systems". Hosted by International Centre for Agroforestry Research, held 27-29 May, Chipata, Zambia, Africa.
- Chen, K. and G. Hailu. "Health Risk, Information, and the Canadian Decision to Healthy Eating." Selected paper presented at the AAEE-CAES Annual Meeting, Chicago, IL. August 5-8.
- Davidson, Debra J., Naomi Krogman, Monique Ross, Norah MacKendrick and Colette Fluet. "Industrial Policy Challenges to Integrated Resource Management in the Boreal Forest of Alberta, Canada." Presented at the Social and Economic Perspectives of Boreal Forest Ecosystem Management Conference. Heriot Watt University, Edinburgh, Scotland. June 5-8.
- Davidson, Debra J. and Ross Mitchell. "NAFTA in the New Millenium: Environmental Challenges." Presentation at the NAFTA in the New Millenium Conference, Edmonton, May 24-25.
- Dosman, D. and W. Adamowicz. "Household Decisions for Shared Goods: Bargained or Not?" Presented at the AAEE-CAES Annual Meeting, Chicago, IL. August 5-8.
- Dyack, B and E. Goddard, "The Significance of Health Information on Wine Demand: the Case of

- Ontario.” Contributed presentation at the AAEA-CAES Annual Meeting, Chicago, IL. August 5-8.
- Dzuda, Lorraine and Grant Hauer. “Adoption of Soil and Water Conservation Techniques in Zimbabwe: A Duration Analysis.” Presented at the AAEA-CAES Annual Meeting, Chicago, IL. August 5-8.
- Goddard, E. and J. Cranfield. “Processing and Marketing Firm Market Power: Implications for Commodity Promotion.” Invited presented at the NEC-63 Meeting, March 22.
- Goddard, E., G Griffith and R. Piggott. “Brand versus Generic Advertising in the Australian Fluid Milk Market.” Contributed presentation at the IAMA World Food and Agribusiness Symposium, June 27.
- Goddard, E. “Advertising Strategies in the Agricultural Sector: Generic versus Cooperative.” Presented at the Cooperative Symposium, Dept of Rural Economy, University of Alberta, May 13.
- Goddard, E. “New Generation Co-operatives.” Invited presentation at the Alberta Agricultural Economics Association Visions 2001 Conference: Looking Forward: The New Agricultural Economy, Red Deer, AB. May 10.
- Goddard, E. “Branding Canadian Grain and Oilseeds: A Strategy for Increasing Producer Returns?” Invited presentation at the Grain Growers of Canada Annual Meeting, Ottawa. November 23.
- Gurung, Rajendra and James Unterschultz. “Factors Affecting Choice of Pricing and Payment Practices by Traditional Marketing and New Generation Co-operatives.” Presented at the AAEA-CAES Annual Meeting, Chicago, IL. August 5-8.
- Haener, M., D. Dosman, W. Adamowicz and P. Boxall. “Can Stated Preference Methods be Used to Value Attributes of Subsistence Hunting by Aboriginal Peoples: A Case Study in Northern Saskatchewan.” Presented at the Social and Economic Perspectives of Boreal Forest Ecosystem Management Conference. Heriot Watt University, Edinburgh, Scotland. June 5-8. Also invited presentation at the AAEA Principal Paper session, AAEA-CAES Annual Meeting, Chicago, IL. August 5-8. Also presented at the 11th Annual Meeting of the Canadian Resource and Environmental Economists Meeting, Oct 13-14, Brock University, St Catherines, Ontario.
- Hauer, Grant. “The Carbon Credit Window for Agriculture.” Invited presentation at the Alberta Agricultural Economics Association Visions 2001 Conference: Looking Forward: The New Agricultural Economy, Red Deer, AB. May 10.
- Hauer, Grant and Jeff Englin. “Catastrophic Risk and Carbon Sequestration in the Boreal Forest.” Presented at the Social and Economic Perspectives of Boreal Forest Ecosystem Management

- Conference. Heriot Watt University, Edinburgh, Scotland. June 5-8.
- Horne, P., P. Boxall and W. Adamowicz. "A Spatially Explicit Choice Experiment for Assessing Finnish Forest Preferences." Presented at the Social and Economic Perspectives of Boreal Forest Ecosystem Management Conference. Heriot Watt University, Edinburgh, Scotland. June 5-8.
- Krogman, Naomi. "Understanding the Sociological Approach to Studying Values"; "Stakeholder Analysis"; and "Economic Valuation of Agroforestry Services." Invited presentations at International Centre for Research on Agroforestry (ICRAF) Workshop, Chipata, Zambia. May 27- June 1.
- Krogman, Naomi, Elias Madzudzo, Billy Makamuri and Nonto Nemarundwe. "Socio-Culture Context of Palm Use." In: *The Ecology, Control and Economics of Ilala Palm in Sengwe Communal Area, Zimbabwe* 15:23-29. Mabalauta Working Group. IES Working Paper #15.
- Lee, M., J. Unterschultz and M. Lerohl. "The Potential of Supply Chain Management in the Canadian Feed Barley Industry." Presented at The Economics of Contracting in Agriculture Conference, Saskatoon. December 8.
- Luckert, M.K. "Potential Barriers to silviculture in Canada's Boreal Forest". Invited presentation at the Expert Committee on Weeds Forestry Working Group Workshop "Vegetation Management in Boreal Mixedwood Forests." Quebec City, Quebec. November.
- Luckert, M.K. "Economic Implications of the Allowable Cut Effect." Invited presentation to the Department of Agriculture Economics and Business., University of Guelph, Ontario. November.
- Luckert, M.K. "In Search of Policies for Pursuing Sustainable Forest Management." Invited presentation at the lecture series, "The Last Great Forest" cosponsored by the Sustainable Forest Management Network and The Environmental Research and Studies Centre. University of Alberta, Edmonton. November.
- Luckert, M.K. "Policy and Institutional Analysis." Invited presentation at the Sustainable Forest Management Network Annual General Meeting, Winnipeg. November.
- Luckert, M.K. "Inquiries into the Role of Economics in Canadian Forestry." Contributed paper elevated to plenary presentation at the Social and Economic Perspectives of Boreal Forest Ecosystem Management Conference, June 5-8, Heroit Watt University, Edinburgh, Scotland.
- Luckert, M.K. "Agroforestry Values in Africa." Invited presentation to the workshop: "Valuation of Environmental Services Provided by Agroforestry Systems". Chipata, Zambia. June.
- Luckert, M.K. "Will Companies Really Have Incentives to Practice Enhanced Forest Management?" Invited presentation at the conference "Enhanced Forest Management: Fertilization and

- Economics.” Edmonton, Alberta. March.
- McCann, D, M. Veeman and W. Adamowicz. “Genetically Modified Foods: Consumers’ Attitudes and Labeling Issues.” Presented at the AAEA-CAES Annual Meeting, Chicago, IL. August 5-8.
- Miao, L. and K. Chen. “The Chinese Consumer Preference for Fresh Meat: Cases of Shanghai and Hangzhou.” Selected paper presented at the AAEA-CAES Annual Meeting, Chicago, IL. August 5-8.
- Murray, G., P. Boxall, and R. Wein. “The Abundance and Use of Edible Wild Fruits in the Gwich’in Settlement Area.” Poster presented at the Sustainable Forest Management Network Student Workshop, November 2001.
- Nanang, David M. and Grant Hauer. “A Decomposition Approach to Modeling Overlapping Tenures in Alberta: A Case Study.” Presented at the SFM Network Student Workshop, Edmonton, AB. October 18-20.
- Ng, Desmond. “Application of Austrian Economic Theory and Complexity Theory of the Institutional Evolution of Agricultural Markets.” PhD Dissertation, University of Illinois at Urbana-Champaign. 432 p.
- Ng, Desmond, Randall Westgren and S. Sonka. “A Synthesis of Austrian Economics and Complexity theory to Agricultural Structural Change: An Application of an Agent-based Modeling Approach.” Working Paper Presented at WCC-72: Annual Agri-business Management Conference, Las Vegas. Also presented at the AAEA-CAES Annual Meeting, Chicago, IL. August 5-8.
- Veeman, M. “Consumer Preferences for Novel Foods.” Invited presentation to Université Laval Workshop on Nutraceuticals and Functional Foods. Quebec City, November 23.
- Veeman, M. “Environmental Statistics: Issues and Questions for Agriculture.” Invited presentation to Agricultural Statistics Advisory Committee, Ottawa, December 3.
- Veeman, M. “Rural Economy’s Role in Agroforestry Education.” Invited ICRAF Workshop on Agroforestry Systems, Chipata, Zambia, June.
- Veeman, T. “Sustainable Forest Management and Aboriginal Research.” Keynote presentation at the Aboriginal Forestry Research Workshop, Thunder Bay, February 27-28.
- Veeman, T. “Economic Values” and “Stakeholder Analysis.” Presentations to the Joint ICRAF/University of Alberta Workshop on Valuation of Environmental Services Associated with Tree Fallow Agroforestry Systems, Chipata, (Eastern) Zambia, May 27-June 1.

- Veeman, T. “Macro Level Economic Criteria and Indicators of Forest Sustainability: The Case of “Green” Output and Productivity in Canada.” Presentation to the Conference on Social and Economic Perspectives of Boreal Forest Ecosystem Management Conference, June 5-8, Heriot Watt University, Edinburgh, Scotland.
- Veeman, T. and A. Hailu. “Pollution Abatement and Productivity Performance of Regional Canadian Pulp and Paper Industries.” Selected contributed paper presented at the Joint CAES/AAEA Annual Meeting, Chicago, IL. August 5-8.
- Veeman, T., M. Veeman and Ryan Hoskins. “NAFTA in the Next Ten Years: Issues and Challenges for Agricultural Trade and Policy.” Presented at the NAFTA Conference, University of Alberta, May 24-25.
- Webb, D. Rollins, K., and P. Boxall. “The Forthcoming Alaskan Wildlife Preserve Debate: Estimates of Canadian Existence Values for Preserving Northern Caribou Herds.” Presented at the AAEA-CAES Annual Meeting, Chicago, IL. August 5-8.
- Watson, D., P. Boxall, W. Haider and J. Volney. “Scenic Beauty Aspects of Spruce Budworm Outbreaks.” Presented at the Social and Economic Perspectives of Boreal Forest Ecosystem Management Conference, June 5-8, Heriot Watt University, Edinburgh, Scotland.
- Weber, Marian and Grant Hauer. “Climate Change Impacts and Adaptations in Canadian Agriculture. Presented at the AAEA-CAES Annual Meeting, Chicago, IL. August 5-8.
- Wortley, Debra, Naomi Krogman and Debra Davidson. “The Role of the Alsek Renewable Resource Council in Community-Based Forest Management in the Yukon.” Presented at the Social and Economic Perspectives of Boreal Forest Ecosystem Management Conference, June 5-8, Heriot Watt University, Edinburgh, Scotland.

Proceedings, Abstracts and Other Items

- Chen, Chen, Kevin Z. Chen and Michele Veeman. “Canadian Household Demand for Major Food Categories: Cross Sectional Econometric Analysis.” *Canadian Journal of Agricultural Economics* 48, 4 (December):665.
- Chen, K. “Comparative Study of Agricultural Trade Patterns in the Mainland China and Taiwan.” Proceeding of International Symposium on the New Round of WTO Agricultural Negotiations, Taipei, Taiwan, December 7-8. 22:1-10.
- Kim, R. and M. Veeman. “Korean Beef Import Preferences: Implications of Trade Patterns in the Twenty-First Century.” In: *International Trade in Livestock Products*. IATRC Conference

Proceedings, January. 18 p.

Krogman, Naomi and Jody MacKenzie. "Successful Siting of New and Expanding Operations." Invited presentation at the Banff Pork Seminar. January 25.

Krogman, Naomi and Leslie Treseder. "Caribou-Lower Peace Cooperative Forest Management Board." *Tomorrow's Forests* Summer: p.8.

MacKenzie, Jody and Naomi Krogman. "Public Involvement in the Siting of Large Scale Hog Facilities: Lessons for Pork Producers from Four Alberta Communities." *Advances in Pork Production* 12:129-138.

Ng, Desmond. "Cognitive Dissonance in the Swine Value Chain." Presented at the Banff Pork Seminar. January. Proceedings are also available in *Advances in Pork Production* 12(2001):1-4).

Schramm, Tanja and Naomi T. Krogman. 2001. "Principals of Woodland Cree Natural Resource Use: Challenges for Applied Resource Planning and Management." Canadian Indigenous and Native Studies Association Conference Proceedings, CD Rom.

Treseder, Leslie and Naomi T. Krogman. "Co-operative Forest Management in Northern Alberta: Opportunities and Challenges." Canadian Indigenous and Native Studies Association Conference Proceedings, CD Rom.

Veeman, M. "Marketing of Resource Products: Understanding How Markets Work." IES Special Report No. 28. Institute of Environmental Studies, University of Zimbabwe. 27 p.

Veeman, M., M. Cocks, A. Muwonge, S. Choge and B. Campbell. "Markets for Three Bark Products in Zimbabwe: A Case Study of Markets for Bark of *Adansonia digitata*, *Berchemia discolor* and *Warburgia salutaris*." In: Hotsprings Working Group. Household Livelihoods, Marketing and Resource Impacts: A Case Study of Bark Products in Eastern Zimbabwe. IES Working Paper No. 18. Institute of Environmental Studies, University of Zimbabwe. p. 27-70 .

Staff Papers and Research Project Reports

Armstrong, Glen W., Wiktor L. Adamowicz, James A. Beck, Steven G. Cumming and Fiona K.A. Schmiegelow. *Integrated Resource Management in the Context of the Range of Natural Variability* . Sustainable Forest Management Network Research Report 2000-9.

Castro, A. Paulo, Eric R. Hall and Wiktor L. Adamowicz. *Life Cycle Assessment for Sustainable Forest Management*. Sustainable Forest Management Network Research Report 1999-23.

Chen, Kevin Z. and Yufeng Duan. *Competitiveness of Canadian Agri-food Exports Against*

- Competitors in Asia: 1980-97*. Project Report 01-01. Department of Rural Economy, University of Alberta. AARI Project #99M431. 31 p.
- Chen, K., M. Lerohl, and Y. Duan. *Potato Consumption and Consumer Characteristics in Western Canada*. Final report to Alberta Agricultural Research Institute Project Number 99M432. 28 pages.
- Davis, G.C., O. Capps, D.A. Bessler, J.H. Leigh, J.P. Nichols, and E.W. Goddard *An Economic Evaluation of the Pork Checkoff Program*. Departmental Technical Report, No.01-1, Texas Agricultural Experiment Station, Texas A&M University, Texas.
- Hauer, Grant, T. Williamson and M. Renner. *Socioeconomics Impacts and Adaptive Responses to Climate Change: A Canadian Forest Sector Perspective*. Information Report NOR-X-373. Northern Forestry Centre, Canadian Forest Service, Edmonton, Alberta. 55 p.
- Jeffrey, Scott R. and Heather-Anne R. Grant. *An Economic Analysis of Productive Efficiency in Alberta Dairy Production*. Project Report 01-02. Department of Rural Economy, University of Alberta. AARI Project #97M090. 77 p.
- Lee, M., J.R. Unterschultz and M.L. Lerohl. *Supply Chain Competency: Recipe for Cereal and Livestock Marketing in Alberta?* Project Report 01-00. Department of Rural Economy, University of Alberta. AARI Project #98058. 120 p.
- MacKendrick, Norah, Colette Fluet, Debra J. Davidson, Naomi Krogman and Monique Ross. *Integrated Resource Management in Alberta's Boreal Forest: Opportunities and Constraints*. Interim Project Report, 2001-22. 35 p.
- McFarlane, B.L. and P.C. Boxall. *Forest Values and Attitudes of the Public, Environmentalists, Professional Foresters, and Members of Public Advisory Groups in Alberta*. Information Report NOR-X-374, Northern Forestry Centre, Canadian Forest Service, Edmonton, Alberta.
- Mittelsteadt, N.L., W.L. Adamowicz and P.C. Boxall. *A Review of Economic Sustainability Indicators*. Sustainable Forest Management Network Research Report 2001-11.
- Schramm, Tanja and Naomi Krogman. *Caribou Mountains Critical Wildlife Habitat and Traditional Knowledge Study*. Sustainable Forest Management Network. Interim Project Report 2001-8. 27 p.
- Unterschultz, James R. and Scott R. Jeffrey. *Economic Evaluation of Manure Management and Farm Gate Applications*. Project Report 01-03. Department of Rural Economy, Edmonton, Alberta. 64 p.

Veeman, Michele. *Consumers Public Perceptions and Biotechnology*. Staff Paper 01-01. Department of Rural Economy, University of Alberta, Edmonton, Alberta. 29 p.

Weber, Marian and Wiktor Adamowicz. *Decentralized Instruments for Conservation of Biological Diversity: An Economic Approach to Cumulative Effects Management*. Sustainable Forest Management Network Research Report 2000-2.

Wortley, Debra, Naomi Krogman and Debra Davidson. *The Difficulties with Devolution: Community-Based Forest Management Planning in the Yukon under Comprehensive Claims*. Sustainable Forest Management Network Final Project Report 2001-28. 49 p.

Other Research Projects Completed January 1 - December 31, 2001

Adamowicz, W.L. "Integrating Household/Group Preferences into Models of Choice and Environmental Valuation." Funded by SSHRC.

Adamowicz, W., M. Luckert, W. White. "Assessing the Economic Impacts of a Natural Disturbance Forest Management Regime." Funded by Network of Centres of Excellence on Sustainable Forest Management.

Beckley, T., E. Murray, W. White. "Sustainable Communities." Funded by Network of Centres of Excellence on Sustainable Forest Management.

Chen, K.Z. "Dynamics of China's Livestock Markets." Funded by Social Science.

Chen, K.Z. "Intra-household Preferences, Food Demand, and Consumer Behaviour." Awarded from Walter Street Estate and VP Research and External Affairs.

Chen, K.Z. and M.L. Lerohl. "Factors Associated with Consumer Purchases of Potato Products in Western Canada." Funded by Alberta Potato Research Association.

Davidson, D.J. "The Impact of NAFTA on Forest-dependant Communities in Canada, the US, and Mexico." Funded by SSHRC - Sponsored Junior Faculty Program.

Hauer, G.K. "Climatic Change Impacts on Agriculture/Forestry Land Use Pattern: Development and Applying an Integrated Economy-Ecosystem Response and Adaptation Impact Assessment Model." Funded by NRC/CCAF.

Hauer, G.K. "Validating a Climate Responsive Agricultural Forests Land Use Change Model." Funded by EFF-SAS.

- Hauer, G.K. and H.B. Brooks. "The Role of Leadership and Institutional Roles in Agricultural Cooperatives." Funded by AARI with partial funding by the Co-op Chair.
- Jeffrey, S.R. "An Economic Evaluation of Alberta Crop Insurance and its Relevance in the 21st Century." Funded by FFF-AARI.
- Jeffrey, S.R. "A Dynamic Economic Analysis of Productive Efficiency in Alberta Dairy Production." Funded by Alberta Agricultural Research Institute and the Alberta Milk Producers Society.
- Jeffrey, S.R. and K.Z. Chen. "Implications of International and Interprovincial Trade Liberalization and Dairy Production and Processing." Jointly funded by Alberta Agricultural Research Institute and Agriculture Canada.
- Krogman, N.T. "Aboriginal Perceptions of their Relationship to the Forest and Increased Forestry Activity." Funded by EFF-SAS.
- Lerohl, M.L. "Grain-Livestock Industry Research." Funded by Alberta Agriculture.
- Unterschultz, J.R. "Value-Adding 20 Billion by 2005: Impact on the Alberta Farm Gate." Funded by Farming for the Future.
- Unterschultz, J.R., S.R. Jeffrey and S. Islam. "Economic Evaluation of Manure Management and Farm Gate Applications." Funded by Wild Rose Agricultural Producers.
- Veeman, M.M. and J.R. Unterschultz. "Canadian Wheat Export Prospects in the Asian Noodle Market: Analysing Japanese and Korean Milling Industries." Funded by AARI.
- Veeman, T.S. "Economic and Policy Issues in Achieving Sustainable Forest Management." Funded by Network of Centres of Excellence on Sustainable Forest Management.
- Veeman, T.S. and S. Islam. "Economics of Damage Control and Pest Management for Alberta Crops." Funded by AARI.

Research in Progress as of December 31, 2001

- Adamowicz, W.L. "Forest Use and Non-Use Values: A Research Program Proposal." Funded by Mistik Management Ltd.
- Adamowicz, W.L. "Legacy 2; Economic Sustainability: An Assessment of Criteria and Indicator Systems for Economic Components of Sustainable Forest Management." Funded by Network of Centres of Excellence on Sustainable Forest Management.

- Adamowicz, W.L. Legacy 2; Modeling Spatial and Temporal Economic Activity in Forested Landscapes: Forest Management, Non-timber Values, Habitat, Wildlife Access, Cumulative Effects, Disturbance, Recreational Use, Subsistence Use and Human Dynamics. Funded by Network of Centres of Excellence on Sustainable Forest Management.
- Adamowicz, W.L. “Modeling Non-timber Benefits via Benefits Transfers.” Funded by Network of Centres of Excellence on Sustainable Forest Management.
- Adamowicz, W.L. and P.C. Boxall. “Environmental Valuation for Use in Forest Management and Decision Making.” Funded by SSHRC with matching funds from NSERC.
- Beckley, T. “Legacy 2: Understanding Forest User’s Sense of Place: Implications for Forest Management.” Funded by Network of Centres of Excellence on Sustainable Forest Management. Additional funding from Canadian Grampolar Institute - DIAND - NSTP.
- Boxall, P.C. “Enhancing the Quality of Benefit Transfers: An Application of State of the Art Latent Class Methods.” Funded by EFF.
- Boxall, P.C. “Legacy 2; Developing Sustainable Non-timber Forest Products Business Opportunities: Is there a First Nation Advantage?” Funded by Network of Centres of Excellence on Sustainable Forest Management.
- Boxall, P.C. “Model on the Economics of Riparian Management Project. Funded by Cows and Fish.
- Chen, K.Z. “Assessing the Chinese Markets for Alberta Livestock Products.” Funded by AARI.
- Chen, K.Z. “The Changing Patterns of Agricultural Trade in Mainland China and Taiwan.” Funded by SSR.
- Chen, K.Z. “China’s Agri-food Imports: Implications of China’s Accession to WTO for Canada.” Funded by EFF.
- Chen, K.Z. “Socio-economic and Demographic Determinants of the Canadian Decision to Healthy Eating.” Funded by EFF-SAS.
- Chen, K.Z. and M.M. Veeman. “Where, What and How Much Food Do Canadian Consumers Purchase? Food Purchasing Patterns and Determinants.” Funded by FFF-AARI.
- Davidson, D.J. “Forest Resources Governance in an International Economy: Canada, the US and Mexico.” Funded by HFASSR (Humanities, Fine Arts and Social Sciences Research).
- Davidson, D.J. “Integration of Forestry and Oil/Gas Policy Regimes: Opportunities and Constraints.”

Funded by Network of Centres of Excellence on Sustainable Forest Management.

Davidson, D.J. "Political Climate Modelling: Predicting Socio-Political Responses to Climate Change in the Prairie Provinces." Funded by NRC. Transferred to CFS.

Hauer, G.K. "Climate Change Adaptation and the Timber Supply in Alberta." Funded by EFF-SAS.

Hauer, G.K. "How Do Climate Change Incentives Affect Forestry Management." Funded by BIOCAP Canada.

Hauer, G.K. "How Do Climate Change Related Economic Incentives Affect Forest Management?" Funded by Foothills Model Forest.

Hauer, G.K. "Integrated Assessment of Intensive Forest Management Under the TRIAD Approach to Land Use Design." Funded by SFM Network.

Hauer, G.K. "Legacy 2: Optimization-based Forest Planning Tolls for Sustainable Forest Management." Funded by SFM.

Jeffrey, S.R. "Public Safety Net Programs and Sustainability in Alberta Crop Production." Funded by EFF-SAS.

Krogman, N.T., "Community Perceptions of Wastewater Irrigation to Create a Poplar Plantation: Lessons Learned from Lac La Biche." Funded by Alberta Pacific Forest Industries Inc.

Krogman, N.T. "The Effectiveness and Potential of the Cooperative Forest Management Planning Board in the Caribou-Lower Peace Region." Funded by SFM-NCE.

Krogman, N.T. "The Role of Renewable Resource Councils in Community Based Forest Management Planning in the Yukon: The Case of the Alsek Renewable Resource Council." Funded by SFM.

Krogman, N.T. and R.M. Hudson. "SES Theme: Caribou Mountains Critical Wildlife/Habitat Integrated Research Project." Funded by SFM-SES.

Krogman, N.T. and T.M. Beckley. "Social Consequences of Local Ownership of Canadian Forest Producer Mills." Funded by Social Sciences and Humanities Research Council of Canada.

Lerohl, M.L. "The New Millennium: Structured Change in Agriculture and Agribusiness." Funded by EFF-SAS.

Luckert, M.K. "Legacy 2; Socio-economic Assessments of Intensive Forest Management." Funded by Network of Centres of Excellence on Sustainable Forest Management.

Luckert, M.K. and E. Murray. "Agroforestry: Southern Africa." Funded by CIDA.

Unterschultz, J.R. and H.G. Brooks. "New Generation Cooperatives as a Model for Value Added Agricultural Processing in Alberta." Funded by Co-op Chair in Agricultural Marketing and Business.

Unterschultz, J.R. "Valuing Strategic Management Decisions in Agribusiness and Biotechnology." Funded by EFF-SAS.

Veeman, M.M. "Genomics, Ethics, Environment and Society: Commercialization and Society, Building Informed Policies and Strategies." (with researchers from University of Alberta, University of Calgary and University of Saskatchewan). Funded by Genome Canada - Genome Prairie - GELS.

Veeman, M.M. "Genetically Modified Foods: Consumers' Attitudes and Labelling Issues." Funded by AARI.

Veeman, M.M. "NAFTA in the Next Ten Years: Issues and Challenges for Agricultural Trade Policy." Funded by EFF-SAS.

Veeman, M.M. "Public Perceptions of Biotechnology: Literature Overview and Assessment." Funded by EEF.

Veeman, M.M. "Risk Perceptions, Social Interactions and the Influence of Information on Social Attitudes to Agricultural Biotechnology." Funded by AARI.

Veeman, M.M. and T.S. Veeman. "Asian Import Demand for Albertan and Canadian Meats: Market Prospects, Influences, and Vulnerabilities." Funded by Farming for the Future, AARI.

Veeman, T.S. and M. Luckert. "Economic Issues in Assessing Sustainable Development in Forestry." Funded by Network of Centres of Excellence on Sustainable Forest Management.

Veeman, T.S. and M.M. Veeman. "Export Markets for Canadian Grain: The Chinese Enigma." Funded by AARI.