

# RURAL ECONOMY

**DEPARTMENT OF RURAL ECONOMY**

**1992 ANNUAL REPORT**



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

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February 1993

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## FOREWORD

The year 1992 has been a period of growth, challenge and change for the University of Alberta's Department of Rural Economy. During 1992 faculty members participated in the consultations and debates that will lead, in 1993, to a major reorientation of all the undergraduate programs in the Faculty of Agriculture and Forestry. Rural Economy's graduate programs, in Agricultural Economics, Rural Sociology and Forest Economics, continued in 1992 to draw excellent students from across Canada and from many other nations. Some 40 students were registered in Rural Economy graduate programs in December 1992. The numbers of graduate students holding prestigious scholarships and similar awards increased during the year. The thesis of a recent M.Sc. graduate from the department, Peter Boxall, was recognized in 1992 by an Outstanding Master's Thesis Award by the Canadian Agricultural Economics and Farm Management Society. Research grants held by members of the Department also continued to increase in number and value. Challenges during the year included the necessity for faculty and support staff to handle increased responsibilities as budgetary pressures led to a decline in staff resources.

The Department commenced an international program with the Department of Agricultural Economics and Extension of the University of Zimbabwe and with IDRC. This project, on The Value of Trees, will foster research and the training of graduate students at both the University of Alberta and the University of Zimbabwe. Members of the Department also participated in an on-going University of Alberta project to strengthen institutions in Kenya, a continuing rural outreach program in Thailand, and a recent research project in India. Visiting scholars from China, Thailand, Cameroon and Nigeria were based in the Department for periods during the year.

Rural Economy was also fortunate to be able to welcome two new faculty members during 1992. Scott Jeffrey, previously a faculty member at the University of Manitoba, and a specialist in production economics, farm management and agribusiness management, joined the department in July 1992. Eloise Murray, a specialist on women in development and management training, who also holds a partial appointment in the Women's Studies Program returned from administrative leave in July 1992. Rural Economy had become her "home department" in the previous year.

A less happy change in staffing during the year arose from financial restructuring within the University. The consequent elimination in September of the administrative support position within Rural Economy meant the loss of an old friend and colleague. Reg Norby's years of support to undergraduate and graduate students in the Faculty of Agriculture and Forestry are being recognized by contributions from colleagues, friends, and the students of the Agriculture Club, toward capital improvements in the facilities of the 5th floor lounge of the Agriculture-Forestry Building.

With these changes, the Department of Rural Economy staff complement currently stands at 13 "full-time equivalent" University-funded academic positions and 6 support staff. Linkages through joint appointments of several faculty members and adjunct relationships with other departments from the University of Alberta, as well as other institutions, give students access to some 23 faculty members in total. Collaborating departments, faculties, and other institutions include the Departments of Economics and Forest Science and the Faculties of Arts (Women's Studies), Business and Extension, as well as Forestry Canada and the Canadian Wheat Board.

A major achievement of collaborative efforts by leaders in the agricultural industry in Alberta representing cooperatives and agricultural marketing institutions led in May 1992 to the signing, at University House, of an agreement between these donors, and the University of Alberta, to establish the Cooperative Chair in Agricultural Marketing and Business, to be based in Rural Economy. The Cooperative Chair Council instituted to guide this venture consists of 8 industry donors and 7 university representatives, chaired by Mr. Ed Schultz, General Manager of the Alberta Pork Producers' Development Corporation. The Council is guiding final fund raising efforts to achieve the 2 million dollars required to fund the Chair. Some funds remain to be raised, however it is expected that this position may be filled in 1994.

1992 was the second year during which Rural Economy was the recipient of the Alberta Agricultural Research Institute Professorship award in Marketing of Value-Added Agricultural and Food Products. This position is currently held by Jim Eales. Other greatly-appreciated donations to undergraduate and graduate education and to research in areas of specialization within Rural Economy were made by donors to the Jones Memorial Trust, the fund in memory of Graham and Ethel Jones, and to the Rural Economy Library fund, which contributes to the costs of book purchases for the Eric Berg Memorial Reading Room. Friends of Rural Economy will be aware that this Reading Room honours an early member of the department.

Temporary staff changes during the year included leaves for 12 months from June 30 1992, of Len Bauer and Bill Phillips. With this leave, Bill Phillips concluded a 5-year period of service to Rural Economy as Chairman of the Department from July 1987 to June 1992.

Activities in 1993 for Rural Economy will include the hosting of a combined meeting of the Western Agricultural Economics Association and the Canadian Agricultural Economics and Farm Management Society. We hope that this event, to be held July 11-14 at the University of Alberta, may also be the occasion for a reunion of the many former students, friends, and staff of this Department, since its inception in 1961, whether under its previous names of the Department of Agricultural Economics, Department of Agricultural Economics and Rural Sociology, or, as most recently, the Department of Rural Economy. We are inviting those who wish to participate in this reunion to contact the reunion organizers, Travis Manning and Reg Norby, or the department. My colleagues and I hope to see many friends of the Department at this event.

Michele Veeman  
Chair

## DEPARTMENT STAFF

### Academic Staff

- W.L. Adamowicz, Ph.D. (Minnesota); Associate Professor; Natural Resources, Econometrics, Forest Economics.
- A.W. Anderson, M.Sc. (Alberta); Associate Professor; Operations Research.
- L.P. Apedaile, Ph.D. (Iowa State); Professor; Policy, Development.
- L. Bauer, Ph.D. (Oregon State); Professor; Farm Management, Production Economics.
- J.H. Copeland, M.Sc. (Alberta); Faculty Service Officer; Computing and Statistical Analysis.
- J.S. Eales, Ph.D. (California, Davis); Associate Professor; Agricultural Marketing.
- J.R. Fulton, Ph.D. (Minnesota); Assistant Professor; Marketing, Cooperatives, Organizational Structure.
- D.S. Gill, Ph.D. (Cornell); Professor; Rural Sociology, Extension Education.
- R.J. Haigh, Ph.D. (Alberta); Assistant Professor; Rural Sociology, Rural Development.
- S.R. Jeffrey, Ph.D. (Minnesota); Assistant Professor; Production Economics, Business Management; (effective July 1, 1992).
- M.L. Lerohl, Ph.D. (Michigan State); Professor; Policy, Production Economics.
- M.K. Luckert, Ph.D. (British Columbia); Assistant Professor; Forest Economics, Natural Resources.
- E.C. Murray, Ph.D. (Pennsylvania State); Professor; Rural Sociology.
- R.R. Norby, M.Sc. (Alberta); Administrative Professional Officer; Administration. (to September 30, 1992).
- F.S. Novak, Ph.D. (Illinois); Assistant Professor; Production Economics, Finance.
- W.E. Phillips, Ph.D. (California at Berkeley); Professor; Natural Resources, Forest Economics.
- E.W. Tyrchniewicz, Ph.D. (Purdue); Professor and Dean; Policy, Transportation.
- M.M. Veeman, Ph.D. (California at Berkeley); Professor and Chair; Marketing, Trade; Policy.
- T.S. Veeman, Ph.D. (California at Berkeley); Professor; Development, Natural Resources.

### Associated Academic Staff

- L.F. Constantino, Ph.D. (British Columbia); Adjunct Professor (World Bank); Forest Economics.
- H. Deng (Inst. of Agriculture Modernization, Academia Sinica); Visiting Scholar from Chinese Academy of Social Sciences; Operations Research.
- G.W. Lambie, Ph.D. (Texas A & M); Adjunct Professor (Faculty of Extension); Adult and Extension Education, Program Management.
- H.C. Love, Ph.D. (Iowa State); Professor Emeritus; Production Economics.
- T.W. Manning, Ph.D. (Minnesota); Professor Emeritus; Natural Resources.
- G.A. Mumey, Ph.D. (Washington); Adjunct Professor (Faculty of Business); Finance, Management.
- B.T. Oleson, Ph.D. (Minnesota); Adjunct Professor (Canadian Wheat Board); Marketing, Trade.
- M.B. Percy, Ph.D. (Queen's); Adjunct Professor (Faculty of Arts); Natural Resources, Forest Economics.
- T.A. Petersen, Ph.D. (Washington State); Professor Emeritus; Farm Management, Extension.
- J.J. Richter, Dr. Rer. Pol. (Graz, Austria); Professor Emeritus; Marketing, Trade.
- W.M. Schultz, Ph.D. (Oklahoma State); Professor Emeritus; Production Economics, Natural Resources.
- W.A. White, Ph.D. (Simon Fraser); Adjunct Professor (Forestry Canada); Forest Economics.

### Support Staff

- J. Boucher, Secretary
- L. Bruce, Stenographer/Receptionist
- S. Hammond Secretary/Bookkeeper
- B. Johnson, Librarian
- W. Williamson, Department Secretary
- D. Zrobok, Library Assistant

### Sessional Lecturers & Research Associates

- P. Boxall, Research Associate
- X.Y. Dong, Research Associate
- A. Fantino, Research Associate
- E. Munro, Sessional Lecturer

## AWARDS AND OFFICES

- Adamowicz, W.L. - Editor, Canadian Journal of Agricultural Economics
- Akabua, Kojo - 1992 T.W. Manning Book Prize Award for Academic Achievement in Agricultural Economics
- Alavalapati, Janaki - U. of A. Ph.D. Scholarship  
- 1992 T.W. Manning Book Prize Award for Academic Excellence in Forest Economics
- Apedaile, L.P. - Associate Editor, Canadian Journal of Agricultural Economics
- Bauer, L. - Book Review Editor, Canadian Journal of Agricultural Economics
- Boxall, Peter - Canadian Agricultural Economics and Farm Management Society Outstanding Master's Thesis Award (Supervisor: W.L. Adamowicz)
- Gebremedihen, Atakelty - U. of A. CIDA Scholarship
- Karugia, Joseph - Kenya-Canada General Training Programme Scholarship
- Kjaer, Nis - Danish Ministry of Education Scholarship
- Lerohl, M.L. - Associate Editor, Canadian Journal of Agricultural Economics
- Mataya, Charles - Canadian Commonwealth Scholarship  
- Rockefeller Foundation African Dissertation Internship Award
- Matose, Frank - IDRC Scholarship
- Morton, Karen - 1992 T.W. Manning Book Prize Award for Academic Excellence in Forest Economics
- Mulinge, Wellington - Kenya-Canada Agricultural Research Scholarship
- Opio, Chris - IDRC Scholarship
- Owino, Adda - Kenya-Canada Agricultural Research Scholarship
- Parker, Derek - CIDA Scholarship
- Pick, Arthur - 1992 T.W. Manning Book Prize Award for Academic Excellence in Rural Sociology
- Quagraine, Kwamena - Canadian Commonwealth Scholarship
- Salami, Habib - Islamic Republic of Iran, Ministry of Culture and Higher Education Scholarship
- Speer, Michelle - Canadian Agricultural Economics and Farm Management Society Book Prize
- Tanguay, Mark - National Sciences and Engineering Research Council of Canada Scholarship  
- Walter H. Johns Graduate Fellowship

## ON LEAVE

- L. Bauer - July 1, 1992 - June 30, 1993
- W. Lamble - August 1, 1991 - July 31, 1992
- E. Murray - July 1, 1991 - June 30 1992
- W. Phillips - July 1, 1992 - June 30, 1993

## GRADUATE STUDENTS COMPLETING PROGRAMS IN 1992

- Gyori, Lee Ann. The Western Grain Stabilization Program Under an Alternative Stabilization Level. MSc (Lerohl)
- Kjaer, Nis. Hedging Pork Cuts. MSc (Mumey/Lerohl)
- Lacuna-Richman, Celeste. Performance of Dayap Credit Cooperative and Development Incorporated, Philippines: A Case Study. MSc (Gill)
- Myhre, Mark. Economic Analysis of Wetlands Drainage in Central Alberta. MSc (Lerohl)
- Pick, Arthur. The Agricultural Awareness Challenge: 'Agriculture in the Classroom' in Nova Scotia. MAg (Gill)
- Sandhu, Jo Ann. Hog Grading, Genetic Progress and U.S.-Canadian Trade in Pork. MSc (M. Veeman)
- Siran, Sulisty. The Economic Analysis of Natural and Plantation Management Systems in Tropical Forests in Indonesia. MAg (Phillips)
- Note that the lower than normal number of graduate students completing in the calendar year 1992 is accounted for by the considerably higher than normal numbers completed in 1991 and some increase in students continuing in 1993.

## GRADUATE STUDENTS COMMENCING AND CONTINUING PROGRAMS THROUGH 1992

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|---|---|
| Akabua, Kojo, Ph.D. (Bauer/Phillips)        | McLeod, Kristine, M.Sc. (Adamowicz)     |
| Alavalapati, Janaki, Ph.D. (Percy/Luckert)  | Melvin, Richard, M.Sc. (Novak)          |
| Archibald, Stephen, M.Ag. (Bauer)           | Morton, Karen, M.Sc. (Adamowicz)        |
| Bankay, Leslie, M.Sc. (Fulton)              | Mulinge, Wellington, M.Sc. (Adamowicz)  |
| Bedford, Evan, M.Sc. (Gill)                 | Munro, Earl, M.Sc. (Novak/Bauer)        |
| Condon, Barbara, M.Sc. (Phillips/Adamowicz) | Needham, Dan, M.Sc. (White/Phillips)    |
| Dailly, Sally, M.Ag. (Novak)                | Olson, Mark, M.Ag. (Gill)               |
| Erdman, Douglas, M.Ag. (Bauer)              | Opio, Chris, Ph.D. (Apedaile/Murphy)    |
| Freeman, Ruth, M.Sc. (Veeman, T.)           | Owino, Adda, M.Sc. (Fulton)             |
| Fullerton, David, M.Sc. (Apedaile)          | Parker, Derek, M.Sc. (Apedaile)         |
| Gebremedihen, Atakelty, M.Sc. (Apedaile)    | Peters, Tamantha, M.Sc. (Adamowicz)     |
| Gelfand, J., M.Sc. (Gill)                   | Pletsch, Paul, M.Sc. (Veeman, M.)       |
| Graham, Laura, M.Sc. (Adamowicz)            | Quagraine, Kwamena, M.Sc. (Fulton)      |
| Hatton-Macdonald, Darla, M.Sc. (Adamowicz)  | Ryning, Ken, M.Ag. (Bauer)              |
| Henry, John, M.Sc. (Veeman, T.)             | Salami, Habib, Ph.D. (Veeman, T.)       |
| Jennings, Sarah, Ph.D. (Percy/Phillips)     | Salkie, Fiona, M.Sc. (Luckert/Phillips) |
| Karugia, Joseph, M.Sc. (Eales)              | Staples, Blaine, M.Ag. (Novak/Bauer)    |
| Kisko, Adrienne, M.Sc. (Gill)               | Tanguay, Mark, M.Sc. (Adamowicz/White)  |
| Mataya, Charles, Ph.D. (Veeman, M.)         | Watson, David, M.Sc. (Adamowicz)        |
| Matose, Frank, M.Sc. (Gill)                 | Watson, Leslie, M.Sc. (Murray)          |
| Maw, Wai Lin, M.Sc. (Percy/Luckert)         | Xu, Xiaosong, M.Sc. (Jeffrey/Novak)     |

## VISITING SPEAKERS

- Dr. Joseph Rosario, Executive Director, Trade Policy Secretariat, Alberta Agriculture. *New Paradigms for Agricultural Trade*. January 20.
- Dr. Phil Ehrensaft, Professor, Dept. of Sociology, Université de Québec. *New Forces in the Political Economy of Rural North America*. February 20.
- Ms. Vicki McTaggart, Chief, Consumer Analysis Section, Food Industry Development Division, Agriculture Canada. *Consumer Food Trends for the 1990s*. February 25.



- Dr. Nick Hanley, Visiting Professor, Dept. of Economics, Queen's University. *Information Effects in Contingent Valuation: Empirical Results*. March 5.
- Dr. Benoit Laplante, Assistant Professor, Université Laval. *Market Response to Environmental Regulation in Canada: A Theoretical and Empirical Analysis*. March 5.
- Mr. Robert E. Burden, Senior Researcher, Statistics Branch, Alberta Agriculture. *A Model of Subregional Effects of Farm Revenue Protection*. March 16.
- Mr. Brian R. Heidecker, Member, Central Board of the Bank of Canada. *The Central Bank and the Rural Economy*. March 23.
- Dr. Scott R. Jeffrey, Assistant Professor, Dept. of Agric. Econ. & Farm Mgmt., University of Manitoba. *Use of Nearly Optimal Linear Programming in Agricultural Planning*. March 30.
- Dr. Allan A. Warrack, Professor, Faculty of Business, University of Alberta. *Defining Mega-Projects in Rural Places*. April 6.
- Prof. Erwin Reisch, Hohenheim University. *GATT from a European Perspective*. May 5.
- Dr. Alan Wright, Associate Professor of Farm Management, Massey University, New Zealand. *Responses of New Zealand Farmers to Deregulation*. June 11.
- Dr. Thomas Heberlein, Professor and Chairman, Dept. of Rural Sociology, University of Wisconsin. *Racism, Self-Interest, Social Structure and Community Conflict over Chippawa Indian Spearfishing in Wisconsin*. August 27.
- Dr. J. Englin, Professor, Dept. of Agric. Econ., University of Nevada. *Cost-Benefit Analysis for Non-Market Resources under Individual Uncertainty*. September 3.
- Mr. Thomas Beckley, Ph.D. Candidate, Dept. of Rural Sociology, University of Wisconsin-Madison. *Social Impacts of Resource Dependence: Class and Power in a Paper Mill Town*. October 22.
- Dr. Benoit Laplante, Professor, Département d'Économique, Université Laval. *Industry Structure and Compliance with Environmental Regulations*. October 29.

### VISITING SCHOLARS

- Mrs. Margaret Ajaja, Instructor, Center for Management Development, Lagos, Nigeria. Funded by Africa Management Project, Alberta International for the period September 1 - October 15, 1992.
- Mr. Phongthep Fookul, Lecturer, Department of Agricultural Marketing, Maejo Institute of Agricultural Technology, Thailand. MIAT/U. of A. Rural Outreach Project for the period September 1 - December 31, 1992.
- Mr. Huialian Jiang, Interpreter, Division of Foreign Affairs and Cooperation, Department of Agriculture, Animal Husbandry and Fisheries, Heilongjiang Province, People's Republic of China. Funded through Canada China Human Development Training Programme of the World University Service of Canada for the period September 1991 to August 1992.
- Ms. Apollonia Kirenge, Instructor, Pan-African Institute for Development-West Africa, Buea, Cameroon. Funded through U. of A. Fund in Support of International Development Activities for the period September 1 - October 15, 1992.
- Mr. Narongritti Pusadee, Associate Dean, Faculty of Agricultural Business, Maejo Institute of Agricultural Technology, Thailand. MIAT/U. of A. Rural Outreach Project for the period September 1 - December 31, 1992.

- Ms. Yongmei Tang, Lecturer, Department of Agricultural Economics and Management, Guizhou Agricultural College, People's Republic of China. Funded through Canada China Human Development Training Programme of the World University Service of Canada for the period September 1991 to August 1992.
- Mr. Yongtang Sun, Deputy Director, Shandong Academy of Agricultural Sciences, Jinan, People's Republic of China for the period January - November 1992.

## PUBLICATIONS 1992<sup>1</sup>

### Books and Chapters in Books

- Apedaile, L.P. 1992. "The Economics of Rural-Urban Integration: A Synthesis of Policy Issues." Chapter 21. In R. Bollman, (ed). *Rural and Small Town Canada*. Thompson Educational Publishing, Toronto. p. 397-421.
- Luckert, M.K. 1992. "Changing Values of Natural Resources and the Evolution of Property Rights: The Case of Wilderness." In Monique Ross and J. Owen Saunders, (eds). *Growing Demands on a Shrinking Heritage: Managing Resource-use Conflicts*. Canadian Institute of Resources Law, Calgary. p. 85-89.

### Journal Articles

- Adamowicz, W.L., J. Asafu-Adjaye, W.E. Phillips, and P.C. Boxall. 1992. "Components of the Economic Value of Alberta's Wildlife Resources." *Canadian Field Naturalist* 105(1):423-429.
- Armstrong, G.W., W.E. Phillips and J.A. Beck. 1992. "An Opportunity Cost Criterion for Scheduling Timber Harvest: A Comparison of Area and Volume Based Approaches." *Canadian Journal of Forest Research* 22(4):497-503.
- Coyne, A. and W. Adamowicz. 1992. "Modelling Choice of Site for Bighorn Sheep Hunting." *Wildlife Society Bulletin* 20(1):26-33.
- Freshwater, D., L.P. Apedaile and P. Ehrensaft. 1992. "Rural Areas, Level Playing Fields and Rules of the Game." *Choices* May:18-19.
- Fulton, J.R. 1992. "Microcomputers: A Tool for Distance Education." *Journal of Extension* Summer:17-18.
- Gill, D.S. 1992. "Economic Returns to Expenditures on Agricultural Extension Systems." *Journal of Extension Systems* 7(2):44-61.
- Haley, D. and M.K. Luckert. 1992. "Property Rights and the Management of Forest Resources: The Canadian Experience." *Commonwealth Forestry Review* 71(2):9-12.
- Jeffrey, S.R., R.R. Gibson and M.D. Faminow. 1992. "Nearly Optimal Linear Programming as a Guide to Agricultural Planning." *Agricultural Economics* 8(1):1-19.
- Lerohl, M.L. 1992. "Review: Economic Analysis of Farm Programs." *Canadian Journal of Agricultural Economics* 40(1):173-175.
- Taylor, C.R. and F.S. Novak. 1992. "Optimal Flex Cropping and Storage of Spring Wheat Under a Progressive Income Tax." *Canadian Journal of Agricultural Economics* 40(3):369-384.

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<sup>1</sup> A listing of previous publications is contained in University of Alberta, Department of Rural Economy *Publications 1986-1991*.

Unnevehr, L.J. and J.S. Eales. 1991. "U.S. Beef Product Prices and Trade Liberalization." *Journal of Agribusiness* 9:13-22.

### Proceedings, Abstracts and Posters

Adamowicz, W.L. 1991. "Valuation of Environmental Amenities." *Canadian Journal of Agricultural Economics* 39(4,Part I):609-619. An expanded version published in *Agriculture and Water Quality: Proceedings of an Interdisciplinary Symposium*. M. Miller, J. Fitzgibbon, G. Fox, R. Gillham, H. Whiteley, editors. Centre for Soil and Water Conservation, University of Guelph, p. 139-164.

Apedaile, L.P. 1992. "Dynamic Systems and Limit Cycles for Modelling Sustainable Agriculture and Cooperation." Selected Poster Abstract. In *Issues in Agricultural Development*. Edited by Margot Bellamy and Bruce Greenshields. International Association of Agricultural Economists Occasional Paper No. 6. Aldershot: Dartmouth Publishing Company Limited. p. 353.

Apedaile, L.P. (ed). 1992. *Stimulating Rural Economies for the 2000s*. Proceedings of the ARRG Rural Economic Conference, Camrose 23-25 October, 1991. ARRG Working Paper Series No. 2. 85 p.

Eales, J. and L. Unnevehr. 1991. "The Inverse Almost Ideal Demand System." *American Journal of Agricultural Economics* 73(5):1547.

Faminow, M.D. and S.R. Jeffrey. 1992. "Nearly Optimal Solutions to Mathematical Programming Models: Potential and Applications for Agriculture." *Tercer Seminario Latinoamericano de Agromatica Memoria*. 27-30 April. San Jose, Costa Rica. Organized by Centro de Investigaciones en Computacion, ITCR. p. 109-18.

Freshwater, D., P. Ehrensaft and L.P. Apedaile. 1992. "New Thoughts on Cross-Subsidies and the Restructuring of Rural Places and Single Industry Towns." In L.P. Apedaile (ed). *Stimulating Rural Economies for the 2000s*. Proceedings of the ARRG Rural Economic Conference, Camrose, 23-25 October, 1991. ARRG Working Paper Series, No. 2. p. 1-14.

Fulton, J.R. and P.A. Held. 1992. "Computers and Distance Education: Benefits and Costs of Existing and Future Programs." In D.G. Watson, F.S. Zazueta and A.B. Botteher (eds). *Computers in Agricultural Extension Programs. Proceedings of the 4th International Conference, Orlando, Florida, 28-31 January*. St. Joseph, Michigan: American Society of Agricultural Engineers. p. 208-214.

Haigh, R.J. and D.S. Gill. 1992. "Social Restructuring in Resource Dependent Places: Achieving Sustainability in Resource Dependent Communities." In L.P. Apedaile (ed). *Stimulating Rural Economies for the 2000s*. Proceedings of the ARRG Rural Economic Development Conference, Camrose, Alberta, October 23-25, 1991. ARRG Working Paper Series No. 2. p. 51-53.

Laplante, B. and M.K. Luckert. 1992. "Newsprint Recycling Legislation: Will it Alleviate or Exacerbate Canadian Landfill Problems." In *Proceedings of the 14th Annual Canadian Waste Management Conference*. Ottawa: Environment Canada. p. 345-372.

Laplante, B. and M.K. Luckert. 1992. "The Wastepaper Dilemma: Will Newsprint Recycling Legislation Kill Two Birds With One Stone?" *Forestry and the Environment: Economic Perspectives*. Proceedings of a Conference Held at Jasper, March 9-12, 1992. 33 p.

Lerohl, M.L. 1991. "The Sustainability of Selected Prairie Crop Rotations." *Canadian Journal of Agricultural Economics* 39(4, Part I):667-676.

Lerohl, M.L. 1992. "Extended Capital and Income Accounts for Land Based Activities in Alberta." *Forestry and the Environment: Economic Perspectives*. Proceedings of a Conference Held at Jasper, March 9-12, 1992. 10 p.

- Luckert, M. and W. Adamowicz. 1992. "Empirical Measures of the Social Rate of Discount." *Forestry and the Environment: Economic Perspectives. Proceedings of a Conference Held at Jasper, March 9-12, 1992.* 26 p.
- Veeman, M.M. 1991. "Introduction." *Proceedings of Workshop on Sustainable Agriculture: Economic Perspectives and Challenges, Winnipeg, May 5-7. Sponsored by Canadian Agricultural Economics Association and Science Council of Canada. Canadian Journal of Agricultural Economics* 39(4, Part I):535.
- Veeman, M., T. Veeman and X.Y. Dong. 1992. "Accounting for Export Market Performance of Major Wheat Exporters: A Constant Market Share Analysis." Selected Poster Abstract. In *Issues in Agricultural Development*. Edited by Margot Bellamy and Bruce Greenshields. International Association of Agricultural Economists Occasional Paper No. 6. Aldershot: Dartmouth Publishing Company Limited. p. 362.
- Veeman, T.S. 1991. "Sustainable Agriculture: An Economist's Reaction." *Canadian Journal of Agricultural Economics* 39(4, Part I):587-590.
- Veeman, T.S. and M. Sudol. 1991. "Import Demand for Barley in the USSR." *Canadian Journal of Agricultural Economics* 39(4, Part II):743-753.
- Veeman, T.S., M. Sudol, M.M. Veeman and X.Y. Dong. 1992. "Cereal Import Demand in Developing Countries." In *Issues in Agricultural Development*. Edited by Margot Bellamy and Bruce Greenshields. International Association of Agricultural Economists Occasional Paper No. 6. Aldershot: Dartmouth Publishing Company Limited. p. 267-74.
- Yen, S.T. and W.L. Adamowicz. 1991. "A Multinomial Poisson Hurdle Model of Recreation Demand." *Proceedings of the Business and Economics Statistics Section, American Statistics Association, Atlanta, Georgia.* 402 p.

### Staff Papers and Project Reports

- Adamowicz, W.L. 1992. *Non-Timber Values in Canadian Forests*. Project Report 92-02. Department of Rural Economy, University of Alberta, Edmonton. 75 p.
- Adamowicz, W.L., J. Louviere and M. Williams. 1992. *Combining Stated and Revealed Preference Methods for Valuing Environmental Amenities*. Staff Paper 92-04. Department of Rural Economy, University of Alberta, Edmonton. 23 p.
- Adamowicz, W.L., P.C. Boxall, D. Watson and T. Peters. 1992. *A Socio-Economic Evaluation of Sportsfishing Activity in Southern Alberta*. Project Report 92-01. Department of Rural Economy, University of Alberta, Edmonton. 114 p.
- Adamowicz, W.L., M.M. Veeman, T.S. Veeman. 1992. *Macroeconomic Impacts on Canadian Agricultural Prices*. Project Report 92-04. Department of Rural Economy, University of Alberta Edmonton. 65 p.
- Adamowicz, W.L., T.S. Veeman, M.M. Veeman, K. Hamal, W. Tymchuk, G. Armstrong and G. Lee. 1992. *Macroeconomic Impacts on Agricultural Prices and Exports*. Project Report 92-03. Department of Rural Economy, University of Alberta, Edmonton. 65 p.
- Anderson, A.W. and T. Daly. 1992. *Expert Systems Development for Conservation Production Systems in the Prairie Region*. Technical Report #1. Investigation and Evaluation of Transferable Expert Systems. Department of Agricultural Engineering, University of Alberta, Edmonton, Alberta. 49 p.
- Apedaile, L.P. 1992. *Working Harder, Getting More Efficient and Losing Prosperity: Arguments for New Rural Coalitions and Social Contracts*. Staff Paper 92-01. Department of Rural Economy, University of Alberta, Edmonton. 10 p.

- Bauer, L., F.S. Novak, G.W. Armstrong and B. Staples. 1992. *An Economic Analysis of Alternative Cropping Decisions Under Uncertainty*. Project Report No. 92-07. Department of Rural Economy, University of Alberta, Edmonton. 33 p.
- Bernard, J.T., L. Bouthillier and M.K. Luckert. 1992. *L'application de la methode des comparables a la foret publique Qebecoise*. Cahier 92-06. Department of Economics, Laval University, Quebec. 33 p.
- Bouthillier, L., D. Chua, B. Laplante and M.K. Luckert. 1992. *Reflexion economique sur le rendement soutenu, le developpement durable et l'amenagement des ressources forestieres*. Cahier 92-13. Department of Economics, Laval University, Quebec. 54 p.
- Boxall, P.C., W.L. Adamowicz and T. Graham-Tomasi. 1992. *A Non-parametric Test of the Traditional Travel Cost Model*. Staff Paper 92-07. Department of Rural Economy, University of Alberta, Edmonton. 27 p.
- Eales, J. 1992. *Canadian Demand for Meats*. Staff Paper 92-02. Department of Rural Economy, University of Alberta, Edmonton. 29 p.
- Eales, J. 1992. *The Inverse Lewbel Demand System*. Staff Paper 92-06. Department of Rural Economy, University of Alberta, Edmonton. 16 p.
- Eales, J.S. and L.J. Unnevehr. 1992. *Simultaneity and Structural Change in US Meat Demand*. Staff Paper 92-03. Department of Rural Economy, University of Alberta, Edmonton. 28 p.
- Gill, D.S., C. Moerth, L. Bauer, C. Lacuna-Richman. 1992. *Social, Economic and Psychological Factors in Decisions of Alberta Farmers*. Project Report 92-10. Department of Rural Economy, University of Alberta, Edmonton. 34 p.
- Jeffrey, S.R. 1992. *Relative Technical and Economic Efficiency for Canadian and U.S. Dairy Farms*. Working Paper No. 92-4. Department of Agricultural Economics and Farm Management, University of Manitoba. 33 p.
- Jeffrey, S.R. and V.R. Eidman. 1992. *A Stochastic Dominance Analysis of Structural Adjustment in the Upper Midwestern Dairy Sector*. Working Paper No. 92-2. Department of Agricultural Economics and Farm Management, University of Manitoba. 38 p.
- Lerohl, M.L., D. McKinnon and G.M. Magnusson. 1992. *Economic Feasibility of International Trade in Feedgrains or Feeder Cattle Between Alberta and the Northwestern U.S.A*. Farming for the Future Project #89-0522. 19 p.
- Lerohl, M., F.S. Novak and M. Miranda. 1992. *Assessment of the Policy Environment on Farm Decision-Making: Aggregate Acreage Response in the Canadian Prairies Under the Western Grains Stabilization Program*. Project Report 92-08. Department of Rural Economy, University of Alberta, Edmonton. 19 p.
- Magnusson, G.M. and M.L. Lerohl. 1992. *Alternative Alberta Barley Trade Scenarios with the Northwest United States*. Project Report 92-03. Department of Rural Economy, University of Alberta, Edmonton. 37 p.
- Novak, F.S., L. Bauer, S. Cupples and R. Melvin. 1992. *An Analysis of Risk and Return in Hog Finishing*. Project Report 92-09. Department of Rural Economy, University of Alberta, Edmonton. 71 p.
- Sandhu, G.S., W.E. Phillips and M.B. Percy. 1992. *Economic Structural Analysis of the Canadian Agricultural Production Sector*. Staff Paper 92-08. Department of Rural Economy, University of Alberta, Edmonton. 48 p.
- Tang, J., H. van Egteren and W.L. Adamowicz. 1992. *Least Victim Payment: Implementing Victim Payment Schemes in Transboundary Pollution Control*. Discussion Paper. Department of Economics, University of Alberta. 34 p.

- Veeman, M.M. (contributor). 1992. *Response to the Government of Alberta Document Looking Toward 2000 Together*. Information Bulletin No. 8. Western Centre for Economic Research, University of Alberta. 12 p.
- Veeman, M.M. and T.S. Veeman. 1992. *Export Markets for Grains: Trends and Market Mix*. Proceedings of Alberta Agricultural Research Institute 1992 Farming for the Future Conference, Alberta Agriculture, Red Deer, Alberta. Also Staff Paper 92-05. Department of Rural Economy, University of Alberta, Edmonton. 8 p.
- Veeman, M.M., P.Y. Chen and T.S. Veeman. 1992. *The Demand for Red Meats and Related Foods in Canada*. Project Report 92-05. Department of Rural Economy, University of Alberta, Edmonton. 74 p.
- Veeman, T.S., M.M. Veeman, M. Sudol and X.Y. Dong. 1992. *Export Markets for Canada's Foodgrains and Feedgrains*. Project Report 92-06. Department of Rural Economy, University of Alberta, Edmonton. 96 p.

### UNPUBLISHED PAPERS, REPORTS AND OTHER DOCUMENTS

- Adamowicz, W.L. 1992. "Habit Formation in a Discrete Choice Model of Recreation Demand: Estimation and Welfare Measurement." Paper presented at the 2nd annual meeting of the Canadian Resource and Environmental Economics Study Group, Universite Laval, Sept. 25-27.
- Anderson, A.W., H. Deng and D. Watson. 1992. "A Set of Models Built by Using a New Approach for Ensuring Environmental and Economic Integration in Farm Management in Vegreville Region." Research Report, Agriculture Canada, Vegreville, Alberta. 95 p.
- Anderson, A.W., H. Deng and D. Watson. 1992. "Measuring Uncertainty With a Multi-objective Linear Programming Model." Paper No. 92-3513, Paper presented at the 1992 Winter Meeting of the American Society of Agricultural Engineers, Nashville, Tennessee. 18 p.
- Apedaile, L.P., R.D. Bollman, W. Reimer and J. Stabler. 1992. "Manufacturing and Tradeable Services: Development Strategies for Rural Places." Plenary Paper. 4th National Rural Economic Conference under the auspices of the Agricultural and Rural Restructuring Group, Brandon.
- Apedaile, L.P., P. Ehrensaft, W. Reimer and J. Stabler. 1992. "Restructuring Industrial Production and Tradeable Services: The Impacts on Rural and Small Town Canada." Plenary Paper. 3rd Annual Workshop of the Agricultural and Rural Restructuring Group, Brandon.
- Apedaile, L.P., S.G.M. Schilizzi and H.I. Freedman. 1992. "Predation and Oikos in Agricultural Restructuring." Invited paper, 8th World Congress of Rural Sociology, Pennsylvania State University. 27 p.
- Deng, H., A.W. Anderson and D. Watson. 1992. "A New Approach to Multiple Objective Evaluation and Planning Techniques for Ensuring Environmental and Economic Integration in Farm Management." Department of Rural Economy, University of Alberta, Edmonton, Alberta. 48 p.
- Eales, J.S. 1992. "Consumer Preferences in Meat Products - Demand for Red Meats: What Do We Know?" Paper presented at the Alberta Agricultural Research Institute's 1992 Farming for the Future Conference: "Agri-Food Diversification" November. 19 p.
- Ehrensaft, P., R. Bollman and L.P. Apedaile. 1992. "The Economic Structure of Farm Households." Contributed paper, Canadian Agricultural Economics and Farm Management Society Annual Meetings, Brandon. 19 p.
- Entz, M.H., S.R. Jeffrey, F.K. Mupondwa, J.K. Vessey, J. Yeomans, S. Mooney, K.C. Bamford, D.J. Kelner, D.M. Bonner and C.L. Allen. 1992. "Enhancing Agricultural and Environmental Sustainability Through the Use of Forage Crops." Final Report for the Manitoba Forage Council, Inc. 79 p.



- Fulton, J.R. and W.L. Adamowicz. 1992. "Factors Which Influence the Commitment of Cooperative Members to their Organization." Paper presented at the AAEA annual meetings, Baltimore, Maryland, August 9-12.
- Fulton, J.R. and R.P. King. 1992. "The Organization Structure of Cooperatives: Centralization versus Decentralization of Decision Making Authority." Presented at and forthcoming in the Publication of Proceedings of the International Association of Agricultural Economists Interconference Symposium: The Cooperative Experience in Agriculture: International Comparisons, Israel. April:12-17.
- Gill, D.S. 1992. "A Select International Bibliography of Agricultural Extension Education." Edmonton: Department of Rural Economy. 43 p.
- Jeffrey, S.R. 1992. "Efficiency in Milk Production: A Canada-U.S. Comparison." Contributed paper presented at the 1992 CAEFMS/SCERGA Annual Meeting, Brandon, Manitoba.
- Jeffrey, S.R., S. Mooney and M.H. Entz. 1992. "An Economic Analysis of Including Alfalfa in Manitoba Cereal-Legume Crop Rotations." Contributed paper presented at 1992 Canadian Society of Agronomy Meetings, Brandon, Manitoba.
- Novak, F.S. and G.D. Schnitkey. 1992. "The Effects of Including Bankruptcy on Dynamic Investment Decisions." Selected Paper, Western Agricultural Economics Association Annual Meeting, Colorado Springs, CO.
- Phillips, W. 1992. "Non-Market Valuation and Integrated Resource Management." A presentation given at the Value of Trees Workshop, University of Zimbabwe, Harare, Zimbabwe.
- Unterschultz, J. and F.S. Novak. 1992. "An Economic Analysis of Risk Management Alternatives for Alberta Cattle Feeders." Contributed Paper, Canadian Agricultural Economics and Farm Management Society Annual Meeting, Brandon, Manitoba.
- Veeman, T.S. and H. Deng. 1992. "Urban Agriculture as Urban Food Supply and Environmental Protection Subsystems in China." 22 p.

## RESEARCH PROJECTS

### Research Completed January 1 - December 31, 1992

- Adamowicz, W.L. "Validation of Non Market Benefit Estimation Techniques." Funded by University of Alberta.
- Adamowicz, W.L., M. Veeman, T. Veeman, A. Fantino. "Macroeconomic Impacts on Canadian Agricultural Prices." Funded by Farming for the Future Council (Alberta Agriculture).
- Adamowicz, W.L. "A Socio-Economic Evaluation of Sportfishing Activity in Southern Alberta." Funded by Alberta Forestry, Lands and Wildlife. (Fisheries Enhancement Fund).
- Adamowicz, W.L. "Recreational Values in the Highwood/Little Bow Region." Funded by Alberta Environment.
- Adamowicz, W.L. "Study of Non-Timber Values and Compilation of Selected, Federal, Provincial and Territorial Non-Timber Forest Resource Values." Funded by Forestry Canada.
- Adamowicz, W.L., M.K. Luckert. "On Empirical Measures of the Social Rate of Discount." Funded by University of British Columbia, Forest Economics and Policy Analysis Research Unit (FEPA).
- Anderson, A.W., H. Deng, D. Watson. "A Model for Optimizing the Combination of Conservation and Production Activities on an Alberta Farm." Funded by Agriculture Canada, Research Branch.

- Apedaile, L.P., P. Ehrensaft, D. Freshwater. "Effects of Global Economic Restructuring on Rural Economies." Unfunded
- Bauer, L. "Modifications to ALTASIM - Alberta Farm Business Management Simulation." Unfunded.
- Bauer, L., F.S. Novak. "Analysis of Risk and Returns in Hog Finishing." Funded by Farming for the Future (Alberta Agriculture).
- Bauer, L., F.S. Novak. "An Economic Analysis of Alternative Cropping Decision Models Uncertainty". Funded by Farming for the Future (Alberta Agriculture).
- Constantino, L.F. "Supply-Demand Scenarios for the Canadian Forest Sector." Funded by Forestry Canada.
- Constantino, L.F. "Methods for Forest Sector Analysis in Developing Countries." Funded by World Bank.
- Constantino, L.F., J. Alavalapati, Y. Rusli, S. Siran. "Tropical Deforestation and Policy Reform." Funded by University of Alberta and FAO of United Nations.
- Fulton, J.R. "Benefits and Costs of Computers in Distance Education." Unfunded.
- Fulton, J.R. "The Effect of Organization Structure on Innovation." Funded by Central Research Fund (University of Alberta.)
- Gill, D.S., M. Thompson. "Commodity Systems Analysis of Sugar Beet Growing in Southern Alberta." Funded by Central Research Fund (University of Alberta).
- Gill, D.S., L. Bauer, C. Moerth. "Identification of Key Factors in the Decision-Making Process Among Farm Operators in Alberta." Funded by Farming for the Future Council (Alberta Agriculture).
- Haigh, R.J. "Approaches to Soil Conservation Among Alberta Farmers - Phase II." Funded by Alberta Agriculture, The Conservation and Development Branch.
- Haigh, R.J. "A Follow-Up Study of Attitudes and Practices Related to Conservation Tillage Among Alberta Farm Operators." Funded by Alberta Conservation Tillage Society.
- Leroehl, M.L., F.S. Novak. "Assessment of the Effect of the Policy Environment on Farm Decision-Making." Funded by Alberta Agricultural Research Institute.
- Luckert, M.K., W.L. Adamowicz. "Empirical Measures of Factors Affecting Social Rate of Discount." Funded by FEPA.
- Luckert, M.K., J.T. Bernard. "Analysis of Stumpage Collection Systems." Funded by Laval University GREEN.
- Luckert, M.K., D. Haley. "Effects of Canadian Forest Tenures on the Organization Structure and Capital Budgeting Procedures of Forestry Firms: A British Columbia Case Study." Funded by FEPA.
- Luckert, M.K., D. Haley. "Forest Tenures for Sustainable Development in British Columbia." Funded by Institute of Sustainable Development in British Columbia.
- Luckert, M.K., D. Haley. "Funding Mechanisms for Silviculture on Crown Lands." Unfunded.
- Novak, F.S. "An Economic Analysis of Alternative Cropping Decision Models." Funded by Agriculture Canada.
- Veeman, M.M., T.S. Veeman, P. Chen. "Demand for Red Meats and Related Foods in Canada." Funded by Farming for the Future Council (Alberta Agriculture).
- Veeman, M.M., T.S. Veeman, A. Fantino, K. Hamal, M. Sudol, X.Y. Dong. "Export Markets for Canada's Foodgrains and Feedgrains." Funded by Farming for the Future Council (Alberta Agriculture).



## Research in Progress as of December 31, 1992

- Adamowicz, W.L., P.M. Boothe. "Environmental/Economics Study Group." Funded by Alberta Environment.
- Adamowicz, W.L., M.K. Luckert, W.E. Phillips, K. Morton. "Non Timber Values Associated with Recreational Hunting in N.W. Saskatchewan." Funded by Forestry Canada.
- Adamowicz, W.L., M.K. Luckert, W.E. Phillips, F. Salkie. "Economic Analysis of Factors Influencing the Forest Management and Harvesting Decisions of Private Woodlot Owners in N.W. Saskatchewan." Funded by Forestry Canada.
- Adamowicz, W.L., M.K. Luckert, W.E. Phillips, M. Tanguay. "Costs and Benefits of Environmental Improvements: The Case of Woodland Caribou in N.W. Saskatchewan." Funded by Forestry Canada.
- Adamowicz, W.L., W. White, W.E. Phillips, M.K. Luckert. "Study on the Costs and Benefits of Environmental Improvement on Forest Lands." Funded by Forestry Canada.
- Adamowicz, W.L., F.S. Novak. "Environmental and Financial Sustainability of Forest Management Practices." Funded by Forestry Canada.
- Adamowicz, W.L., P. Boxall. "The Evaluation and Incorporation of Non-Timber Goods and Services in Integrated Resource Management Decisions." Funded by Forestry Canada.
- Adamowicz, W.L., P. Boxall. "The Measurement of Non-Timber Values: An Investigation of Travel Cost Methodologies." Funded by Forestry Canada.
- Alavalapati, J., W.L. Adamowicz, M.K. Luckert. "A Vector Autoregression Approach to Modelling the Pulp and Paper Industry in Canada." Unfunded.
- Anderson, A.W., L. Bauer. "Analysis of Production Costs for Farmer Owned Feed Mills." Funded by Farming for the Future (Alberta Agriculture).
- Apedaile, L.P. "Social and Economic Restructuring in Rural Canada: Opportunities and Impacts of the North American Free Trade Agreement." Unfunded.
- Apedaile, L.P. "Structural Projections for Alberta Grain Production to Year 2001." Funded by Agricultural Research Council of Alberta.
- Apedaile, L.P., P. Ehrensaft, H.I. Freedman. "Dynamics and Persistence of Interacting Agricultural Systems: Incomes, Wealth and Environmental Degradation." Unfunded.
- Apedaile, L.P., S. Schilizzi. "Application of Theories of Complex Dynamical Systems to Micro, Meso and Macro Linkages in Rural Economies." Unfunded.
- Apedaile, L.P., P. Murphy, C. Opio. "Economic Impact of Improved Agroforestry Practices on the Fragility of Rural Zambian Household Economies." Funded by IDRC/ICRAF.
- Apedaile, L.P., R. Bollman, P. Ehrensaft, M. Ménard, M. Ahearn. "Comparative Study of Canada/United States Structural Change in the Structure of Agriculture." Unfunded.
- Bauer, L., D. Bushe. "Development of Farm Business Management Training Modules: Various Topics." Funded by University of Alberta, Alberta Agriculture and B.C. Ministry of Agriculture.
- Bauer, L. "Development of a Farm Manager's Resource Reference System." Funded by Alberta Agriculture.
- Bauer, L., F.S. Novak. "Risk and Return Dimensions of Cow-Calf/Grain Enterprise Combinations." Funded by Farming for the Future (Alberta Agriculture).
- Eales, J.S., W.E. Phillips. "Marketing of Value-Added Agricultural and Food Products." Funded by Alberta Agricultural Research Institute.

- Eales, J.S., M.M. Veeman, J.R. Fulton. "Product Aggregation and Structural Change in Canadian Red Meat Demand." Funded by Alberta Agricultural Research Institute.
- Fulton, J.R. "Centralization Versus Decentralization of Decision Making Authority." Funded by Office of the Dean.
- Fulton, J.R. "Equity and Growth in Co-operatives." Unfunded.
- Fulton, J.R. "Fertilizer Use by Small Scale Farmers in Kenya." Funded by Kenya High Commission.
- Fulton, J.R., W.L. Adamowicz. "Member Loyalty to Cooperatives. Unfunded (in collaboration with Alberta Wheat Pool).
- Fulton, J.R., J.S. Eales. "The Effect of Advertising and Demographic Characteristics on the Demand for Beef." Funded by Alberta Agricultural Research Institute.
- Fulton, J.R. (in collaboration with M. Bhargava, Faculty of Business). "Dairy Cooperatives in India." Funded by the Fund for Support of International Development Activities, University of Alberta.
- Gill, D.S. "Maejo Institute of Agricultural Technology Rural Outreach Project - Thailand." Funded by Canadian International Development Association.
- Gill, D.S., A. Kisko. "Social Integration of Newcomers in an Alberta Community: Decentralization of Alberta Environmental Research Centre to Vegreville." Funded by CRF (University of Alberta).
- Gill, D.S., C. Lacuna-Richman. "Cooperatives and Aspects of Rural Development: The Case of Dayap Credit Cooperative and Development Inc., Philippines." Funded by Fund for the Support of International Development Activity.
- Gill, D.S., J. Gelfand. "An Assessment of Participatory Research Techniques for Rural Development in Colombia." Funded by IDRC.
- Haigh, R.J., W.E. Phillips. "A Socioeconomic Evaluation of the North American Waterfowl Management Plan in Alberta." Funded by NAWMP.
- Jeffrey, S.R. "Demand for Forages in Western Canada." Funded by the University of Manitoba, Faculty of Agriculture.
- Jeffrey, S.R. "Evaluation of Alternative Tenure Arrangements for Western Canadian Farm Operations." Self-funded.
- Jeffrey, S.R., M.K. Entz. "Economic Analysis of Forage Production Systems." Self-funded.
- Jeffrey, S.R., M.D. Faminow. "The Use of Nearly Optimal Linear Programming in Management Decision Making." Self-funded.
- Jeffrey, S.R., G.V. Johnson. "Economic Evaluation of Irrigated Crop Production in Grenada." Unfunded.
- Lerohl, M.L. "Grain-Livestock Industry Research." Funded by Alberta Agriculture.
- Lerohl, M.L. "Short and Intermediate Term Effects on Alberta Beef Producers of Canada-U.S.-Mexico Freer Trade." Funded by Alberta Agricultural Research Institute.
- Luckert, M.K. "Efficiency Implications of Separating Ownership from Management on Canadian Forest Lands." Unfunded.
- Luckert, M.K., J. Alavalapati. "The Short Run Supply Behaviour of Timber Quota Holders in Alberta." Funded by Forestry Canada.
- Luckert, M.K., D. Haley. "The Allowable Cut Effect: Phenomena or Policy Tool?" Funded by University of British Columbia, Forest Economics and Policy Analysis Research Unit (FEPA).

- Luckert, M.K., B. Leplante. "Issues and Effects of Newsprint Recycling." Funded by Laval University GREEN.
- Luckert, M.K., W.E. Phillips. "Principles for Evaluation and Compensation for Timber Damages, Land Withdrawal and Disruption of Operations." Funded by Forest Management Agreement Holders of Alberta.
- Luckert, M.K., L. Bouthillier, B. Leplante. "Translating Concepts of Sustainable Development into Policy Tools for Forest Management: A Quebec Case Study." Funded by Forestry Canada.
- Murray, E. "Kenyatta University Up-Grading of Home Economics Project." Funded by Canadian International Development Association.
- Novak, F.S., L. Bauer. "A Dynamic Analysis of Risk Management Strategies for Alberta Hog Producers." Funded by Alberta Agricultural Research Institute.
- Novak, F.S., J.S. Eales. "Profitability and Risk of Retained Ownership of Beef Calves." Funded by Alberta Agricultural Research Institute.
- Novak, F.S., J.S. Eales. "An Econometric Analysis of the Behavior of U.S. and Canadian Livestock Markets." Funded by Alberta Agricultural Research Institute.
- Phillips, W.E., W.L. Adamowicz. "Study to Derive a Framework for the Evaluation of Non-Timber Values in the Context of Timber Production With Specific Reference to Wildlife Concerns." Funded by Forestry Canada.
- Phillips, W.E., L. Bauer. "Alberta Farmland Asset Returns in the Context of Portfolio Investment." Funded by Alberta Agricultural Research Institute.
- Phillips, W.E., W. White. "Develop a Conceptual Framework for Comparing the Economic Merits of Potential Harvesting Systems From Standing Timber to Free-to-grow." Funded by Forestry Canada.
- Phillips, W.E., W. White. "Studies and Research in Forest Economics Associated Within Renewable Resource Management." Funded by Forestry Canada.
- Phillips, W.E., et al. "Value of Trees (Alberta/Zimbabwe)." Funded by IDRC.
- Tyrchniewicz, E.W. "Forestry Sector's Interface with the Transport Sector." Funded by Forestry Canada.
- Tyrchniewicz, E.W., M.L. Lerohl. "Grain Handling and Transportation Efficiency Study." Funded by Alberta Economic Development and Trade.
- Veeman, M.M. "Canadian Agriculture and GATT: An Economic Analysis of Article XI." Funded by Farming for the Future Council (Alberta Agriculture).
- Veeman, M.M. "Export Markets for Canadian Grain." Unfunded.
- Veeman, M.M. "Price Behaviour of Canadian Farmland." Unfunded.
- Veeman, M.M., C. Mataya. "The Impact of Currency Devaluation on Agricultural Trade: The Case of Malawi." Funded by The Rockefeller Foundation.
- Veeman, T.S. "Capital Formation, Technical Change and Profitability in Prairie Agriculture." Funded by Alberta Agricultural Research Institute.
- Veeman, T.S. "Economic Aspects of Transferable Water Rights in Alberta." Funded by Alberta Water Resources Commission and Alberta Environment.
- Veeman, T.S. "The Economics of Agricultural Chemical Use in Prairie Agriculture: Productivity and Environmental Impacts." Funded by Farming for the Future Council (Alberta Agriculture).