

# **Canadian Agricultural Economics Society**

(CAES)

**Annual Meeting**

**Thursday, May 30 - Saturday, June 1, 2002**

**University of Calgary, Calgary, Alberta**

**Program**

Draft XVI May 12, 2002

## GENERAL INFORMATION

### Registration

Thursday 7:30 am -12:00 pm	Loc- MFH 164
Thursday 3:30 pm - 6:00 pm	Loc- BR
Friday 7:30 am -12:00 pm	Loc- ST
Friday 3:30 pm - 6:00 pm	Loc- ST

### Location Abbreviations (Loc- )

BR	Blue Room, Dining Centre
FP	Fairmont Palliser
MFH	Murray Frazer Hall
SH	Oak Room, Scurfield Hall
ST	Science Theatres
SS	Social Theatres
UC	University Club

### Coffee Services

Thursday - Saturday 10:00 - 10:30 am, 3:00 - 3:30 pm Loc-ST

## PROGRAM

### Thursday, May 30

**8:30 am - Noon CAES EXECUTIVE MEETING Loc- SS 105**

**1:15 pm - 1:30 pm WELCOME Loc- ST140**

**Dr Jean-Marie Dufour, President CEA.  
Murray Fulton, President CAES**

**1:30 pm - 3:00 pm CAES PRESIDENTIAL AND FELLOWS Loc- ST140**

**Chair: Murray Fulton**

#### **CAES Presidential Address**

**Mike Trant, President Elect, CAES. "Adoption and Diffusion of New Technology in Agriculture - Genetically Modified Corn and Soybeans"**

#### **CAES Fellow's Address**

**George Brinkman - University of Guelph. "Report Card on Prairie Agriculture."**

**3:30 pm - 5:00 pm Principal Paper Session 1 Loc- ST130**

**New Directions for Canadian Agricultural Policy**

**Chair: Cam Short, Agriculture and Agri-Food Canada**

*The Federal-Provincial-Territorial Whitehorse Agreement and the Agricultural Policy Framework*  
Brian Paddock, Strategic Policy Branch, AAFC.

*Implications of the DOHA Declaration for Canadian Agricultural Policy*  
Karl Meilke (University of Guelph) and James Rude (University of Manitoba)

Discussants  
Bill Kerr, University of Saskatchewan;  
George McCaw, Ontario Ministry of Agriculture  
Robert Romain, University of Laval

3:30 pm - 5:00 pm

Selected Paper Session 1

Loc- ST131

Chair: Terry Veeman, University of Alberta

**The Impact of Environmental Regulations on Farming and Fishing**

"Environmental Policy Effects on Swine Farms" A. Weersink, G. deVos, and P. Stonehouse - University of Guelph.

"The Impact of Environmental Regulation on Farm Structure: The Case of the Taiwanese Hog Industry" F. Haggui and R. Gray - University of Saskatchewan.

"Managing Domestic Emission Permit Trading: Lessons from Canada's Supply Management Quota System" R. Barichello - University of British Columbia.

"Regulating Recreational Fishing in Northern Alberta: Effects on Anglers and Walleye Populations" J. Jabs and V. Adamowicz - University of Alberta.

3:30 pm - 5:00 pm

Selected Paper Session 1

Loc- ST129

**The Impact of Exchange Rate on Canadian Agricultural Trade**

Chair: Frederic Lessard, Fisheries and Oceans Canada

"The Impact of Exchange Rate Uncertainty on Canadian Agricultural Exports", M. Mbaga - Laval University.

"Does Exchange Rate Matter to Bilateral Trade Of Agricultural Goods Between the U.S. and Canada?", M. Kim, W. Koo, and G. Cho - University of North Dakota State University.

"Short-run Shocks of Prices and Exchange Rate on Live Cattle Trade Flows Between US-Canada" M. Mahbobi - - University of Saskatchewan.

"Estimated Effects of Anti-Dumping Duties on Canadian Live Cattle Exports to the US", M. Mahbobi, J. Rude, and H. Furtan - University of Saskatchewan.

**Friday, May 31**

8:30 am - 10:00 am

Principal Paper Session 2

Loc- ST127

**Economics of Farm Support and Canada's Safety Net Programs**

Chair: Larry Martin, George Morris Centre

*Performance of Current Canadian Safety Nets Programs*  
Greg Strain and Gordon Andrusiak, Strategic Policy Branch, AAFC.

*Alternative Policy Instruments for Agriculture Support: Consequences for Farm incomes, Trade and Other Policy Objectives*  
Cam Short, Strategic Policy Branch, AAFC  
Joe Dewbre, OECD.

*The Future of Canadian Safety Nets*  
Tom Richardson, Strategic Policy Branch, AAFC

*Discussants*  
David Freshwater, University of Kentucky  
Al Loyns, University of Manitoba

**8:30 am - 10:00 am**

**Selected Paper Session 3**

**Loc- ST128**

**Modeling Agricultural Trade**

**Chair: James Rude, University of Manitoba**

"Welfare-maximizing and Revenue-maximizing Tariffs with a Few Domestic Firms" B. Larue and J. Gervais - Laval University.

"A Framework for Modeling Trade in Vertically Related Markets" D. Roy - University of Lethbridge, G. Fox, and K. Meilke - University of Guelph.

"Canada's Agricultural Trade in North America: Do National Borders Matter?", B. van Melle and H. Furtan - University of Saskatchewan.

"Demand for Domestic and Imported Wine in British Columbia: An Almost Ideal Demand System Approach", R. Carew - Pacific Agri-food Research Centre, W. Florkowski, and S. He - University of Georgia.

**8:30 am - 10:00 am**

**Selected Paper Session 4**

**Loc- ST129**

**Food Demand Analysis**

**Chair: Gale West, Laval University**

"Test of Generalized Composites and Separability in U.S. Food Demand", A. Reed, W. Levedahl, and C. Hallahan - Economic Research Service, USDA..

"Consumer Demands in Canada: A Comparison of the Quadratic and Modified Almost Ideal Demand Systems", J. Cranfield - University of Guelph.

"Incorporating Health Information in Demand Studies: the Case of Wine in Ontario", B. Dyack - University of Guelph and E. Goddard - University of Alberta.

"A Model of Food Demand, Nutrition, and the Effect of Agricultural Policy", T. Beatty - University of British Columbia and J. LaFrance - University of California.

**10:30 am - 12:00 pm**

**Principal Paper Session 3**

**Loc- ST127**

**Chair: Murray Fulton, University of Saskatchewan**

**Evolution of Cooperatives**

An Overview of the Evolution of Co-operatives in Alberta/Saskatchewan  
Ellen Goddard and Clotilde Belanger, University of Alberta

An Overview of the Evolution of Co-operatives in Quebec  
Maurice Doyon, Université Laval

"Cooperatives and the commodity political agenda: A political economy approach to the evolution of a cooperative", Mel Lerohl, Ellen Goddard and Peter Boxall, University of Alberta

**10:30 am - 12:00 pm**

**Selected Paper Session 5**

**Loc- ST128**

**Assessing Efficiency in Primary Agricultural Production**

**Chair: Mike Trant, Statistics Canada**

"Parsimony Versus Flexibility in the Measurement of Technical Efficiency: Results from Monte Carlo Experiments", B. Larue, M. Msafiri, and R. Romain - Laval University.

"Interregional Dairy Cost Efficiency Differential: Alberta-Ontario Comparison", G. Hailu, S. Jeffrey, and J. Unterschultz - University of Alberta.

"Rates of Return in the Grain and Dairy Sectors - Based on Historical Cost", J. Caldwell, A. Piau, D. Niekamp, and D. Culver - Agriculture and Agri-food Canada.

**10:30 am - 12:00 pm**

**Selected Paper Session 6**

**Loc- ST129**

### **Valuing Agricultural and Forest Product Attributes**

**Chair: Diane McCann, Alberta Agriculture**

"Valuing Alberta Beef Cattle Attributes: Do the Values Reflect Consumer Preference?", A. Walburger - University of Lethbridge.

"Modeling Consumer Choice in Korean Beef Market: Market Segmentation Analysis", R. Kim and M. Boyd - University of Manitoba.

"The Potential for Non-Timber Forest Products from the Boreal Forest: An Exploration of Aboriginal Opportunities", G. Murray and P. Boxall - University of Alberta.

**12:00 pm - 1:15 pm**

**Lunch - CAES Department Chairs with Agriculture and Agri-Food Canada**

**Loc- UC**

**1:30 pm - 3:00 pm**

**Principal Paper Session 4**

**Loc- ST127**

### **Challenges Facing the Functional Foods and Nutraceuticals Industry**

**Chair: Gary Fisher, AgAnalysis**

*Consumer Preferences for Novel Foods: Some Issues and Concerns*  
Michele Veeman, U. of Alberta

*Consumers' Valuation of Functional Properties of Foods: Results from a Canada-Wide Survey*  
Gale West, Bruno Larue, Carole Gendron, Rémy Lambert, Laval U.

Developing Supply Chains for Nutraceuticals and Functional Foods: Opportunities and Challenges  
Jill Hobbs, U. of Saskatchewan

*Nutraceutical Product Segmentation in Canada: A Blurring of Boundaries and Implications for Value Chain Coordination*  
L. Martin Cloutier, Anne-Laure Saives, and Albert Lejeune, UQAM

**1:30 pm - 3:00 pm**

**Selected Paper Session 7**

**Loc- ST128**

**Chair: Desmond Ng, University of Alberta**

### **Emerging Issues in Canadian Agri-food Markets**

"Terrorism and Containers: The Impact of Security Measures on Container Traffic", S. Thompson - SJT Solutions and D. Spearing - Logistics Marketing Service.

"Changes in the Use of Energy in Canadian Agriculture 1990-2000", C. Nagy - Centre for Studies in Agriculture, Law, and the Environment, A. Hucq - Canadian Agricultural Energy End-Use Data Analysis Centre, and M. Nouhi - Natural Resources Canada.

"Structural Changes in Markets and Grain and Oilseed Prices, 1995-2001", C. Short and P. Charlebois - Policy Branch, Agriculture and Agri-Food Canada.

"Factors Influencing Mergers and Acquisitions in the Canadian Food Industry", M. Beaulieu - Statistics Canada.

**1:30 pm - 3:00 pm**

**Selected Paper Session 8**

**Loc- ST129**

**Chair: Richard Gray, University of Saskatchewan**

**Agricultural Trade Issues: Inter-regional Trade, Predatory Pricing, and Competitiveness**

"An Economic Analysis of Inter-regional Trade in the Canadian Dairy Industry", D. Roy - University of Lethbridge, G. Fox, and K. Meilke - University of Guelph.

"International Predatory Pricing and Possibility of Dumping", M. Mahbobi, W. Kerr, and H. Furtan - University of Saskatchewan.

"The Beef Trade: Canada's Share in Japan's Beef Import Market", K. Kelly, R. Barichello BUniversity of British Columbia and K. Klein - University of Lethbridge.

"Trade Liberalization, Changing Structure, and Competitiveness of Japan's Oilseed Crushing Industry ", M. Shi - University of Tsukuba and K. Chen - University of Alberta.

**3:30 pm - 5:30 pm**

**CAES Annual Business Meeting**

**Loc- ST141**

**7:00 pm - 8:30 pm**

**Welcome(Innis) Reception with CEA**

**Loc- BR**

**7:45 pm-**

**CAES Banquet and Awards Ceremony (University Club: Tickets to be purchased with On-line registration and/or Prior to arrival in Calgary).**

## **Saturday, June 1**

**7:00 am - 8:30 pm**

**CAES New Executive Meeting**

**Loc- SS105**

**8:30 am - 10:00 am**

**Selected Paper Session 9**

**Loc- ST105**

**Policy Issues in Agriculture**

**Chair: Marco Morin, Statistics Canada**

"The Effects of Decoupling Payments on Agricultural Investment, Using Dynamic Investment Models" G. Chabokrow and R. Gray - University of Saskatchewan.

"Critical Analysis of the Concept of the Producer Subsidy Equivalent in the Dairy Sector", M. Doyon, N. Paillat, and D. Gouin - Laval University.

"Public Research Policy in Today's Crop Research Industry" S. Malla and R. Gray - University of Saskatchewan.

"The Implications of Insurability for Natural Disaster Policy in Canada" C. Ayoo and G. Fox - University of Guelph.

**8:30 am - 10:00 am**

**Selected Paper Session 10**

**Loc- ST 63**

**Risk and Risk Management in Agriculture**

**Chair: Scott Jeffrey, University of Alberta**

"Variance of Yield and Return When Input Affects Yield and Price", E. Smith, R. McKenzie, and C. Grant - Lethbridge Research Centre, Agriculture and Agri-food Canada.

"Evaluation of the Real Options Approach to Agribusiness Valuation: A Pork Investment Case Study", A. Duku-Kaakyire, J. Unterschultz - University of Alberta, and B. Radke - Dairy Cattle Research Veterinarian.

“Improved Methods for Computing Value at Risk in Futures Markets”, J. Driedger, M. Boyd, and R. Kim - University of Manitoba.

“Hedging Price Risk with Futures and Options Under Revenue Insurance: An Application to Quebec Hog Producers”, J. Gervais, M. Doyon, and C. Akande - Laval University.

**8:30 am - 10:00 am**

**Selected Paper Session 11**

**Loc- ST 128**

**Genetically Modified Foods: Consumer Responses and Related Issues**

**Chair: Renee Kim, University of Manitoba**

"Genetically Modified Foods: Comparison of Consumers' Preferences for Different Policy Options", M. Veeman, V. Adamowicz, and D. McCann - University of Alberta.

"Uncovering Motivations Underlying Anti-GM Food Activism in Canada", G. West and B. Larue - Laval University.

"Western Canadian GM Wheat Tolerance Levels: Implications for Costs of Identity Preservation of Non-Genetically Modified Wheat", I. Huygen, M. Lerohl, and M. Veeman - University of Alberta.

**8:30 am - 10:00 am**

**Selected Paper Session 12**

**Loc- ST 129**

**Rural Development Issues in Mozambique, China, and Canada**

**Chair: Julie Kennett, PFRA, Agriculture and Agri-Food Canada**

"Assessing Rural Development Policy Options in Mozambique: Preliminary Results of a Spatial Equilibrium Model", A. Alasia, T. Phillips, and A. Weersink - University of Guelph.

"An Analysis on Current Problems in China's Agricultural Development", Y. Quan - University of McGill, and Z. Liu - University of Concordia.

“Role of Women in China: Results from Surveys of Farm Families in Hebei in 1996 and 1999”, K. Klein - University of Lethbridge, E. Smith, W. Zhang, and C. Vandervalk - Lethbridge Research Centre, Agriculture and Agri-food Canada.

“The Dynamics of Low Pay in Canadian Rural Households”, E. Vera-Toscano - University of California, A. Weersink - University of Guelph, and E. Phimister - University of Aberdeen.

**10:30 am - 12:00 am**

**Selected Paper Session 13**

**Loc- ST128**

**Policy and Management Issues on Water and Forestry**

**Chair: Glenn Fox, University of Guelph**

"Economic Analysis of PFRA Water Supply System in Southwest Saskatchewan" W. Thompson - University of Saskatchewan.

"The Optimal Policy Decisions for Controlling Raw Water Pollution when There are Multiple Users and Multiple Pollution Abatement Strategies" K. Rollins and S. Gbegbelegbe - University of Guelph.

"How Do Carbon Incentives Affect Forest Management?" T. Hunt and G.K. Hauer - University of Alberta.

"Integrating a Random Utility Model for Non-timber Forest Users in Strategic Forest Planning Models" D. Nanang and G.K. Hauer - University of Alberta.

**10:30 am - 12:00 am**

**Selected Paper Session 14**

**Loc- ST 129**

**Organization and Strategic Issues in Agricultural Markets**

**Chair: John Cranfield, University of Guelph**

"Testing the Horizon Problem in Agricultural Cooperatives: An Experimental Approach", R. Vyn, G. Hauer, and H. Brooks - University of Alberta.

"Efficiency and Effectiveness in Milk Marketing: the Role of Dairy Cooperatives in Bangladesh", A. Roy and Z. Ohtaka - Yamagata University.

"Agricultural Production Organization in Transition Economies and the Role of Human Capital: Evidence from Romania", M. Rizon - LICOS Centre for Transition Economics, Katholieke Universiteit Leuven.

"Subjective Implications to a Knowledge Based View of Strategy: An Austrian Economics and Knowledge Network Perspective", D. Ng - University of Alberta.

**10:30 am - 12:00 am**

**Selected Paper Session 15**

**Loc- ST125**

**Sustainability, Social Discount Rate, Food Stamp Program, and Efficiency of Non-Market Institutions**

**Chair: Ugo de Montigny, Agriculture Canada**

"Macroeconomic Indicators of Sustainability for Alberta", A. Pearson and T. Veeman - University of Alberta.

"The Social Discount Rate for Canada Twenty Years on", T. Horbulyk - University of Calgary.

"Estimation of Welfare Reform and Food Stamp Caseloads Using a Time Series Approach", S. Clark - Nova Scotia Agricultural College, J. Levedahl and A. Reed, Economic Research Service, USDA.

"Government Weaknesses: Has the Market Met Its Match?", B. Paul - University of Guelph.

**10:30 am - 12:00 am**

**Selected Paper Session 16**

**Loc- ST 63**

**Production Economics: Adoption of Technology, Energy Use Efficiency, and Riparian Grazing Management**

**Chair: Varghese Manaloor, Augustana University College**

"Adoption of Technology in the Ontario Cattle Industry", D. Sparling and A. Weersink - University of Guelph.

"The Economic and Energy Use Efficiency of Wheat/Pea Production with Variable Fertilizer and Herbicides Rates", M. Khakbazan, D. Derksen, and R. Zentner - Agriculture Canada Research Station.

"An Examination of the On-Ranch Economics of Riparian Grazing Management", J. Miller, J. Unterschultz, and P. Boxall - University of Alberta.



## CAES Executive Committee 2001-2002

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<b>Past-President</b>	Larry Martin, George Morris Centre
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