

# Harry J. Paarsch

Department of Economics  
College of Business  
University of Central Florida  
P. O. Box 161400  
Orlando, Florida 32816-1400  
U.S.A.

☎: (407) 823-1576

✉: [Harry.Paarsch@UCF.edu](mailto:Harry.Paarsch@UCF.edu)

url: <http://sites.google.com/view/hjpaarsch/>

## Current Position

Professor of Business Analytics, College of Business, University of Central Florida

## Areas of Specialization

Auctions; Business Analytics; Data Science.

## Past Positions

2011-4	Principal Economist, Amazon.com, Inc.
2008-11	Chair in Economics, University of Melbourne
2001-8	Professor of Economics, University of Iowa
1996-2001	Associate Professor of Economics, University of Iowa
1995-6	Associate Professor of Economics, University of Western Ontario
1992-5	Assistant Professor of Economics, University of Western Ontario
1987-92	Assistant Professor of Economics, University of British Columbia

## Education

1980	B.A. (Honours), First Class, in Economics, Queen's University at Kingston, Canada
1983	M.S. in Statistics, Stanford University
1984	A.M. in Economics, Stanford University
1987	Ph.D. in Economics with minor in Statistics, Stanford University

## Awards, Fellowships & Scholarships

- 1976 British Columbia Provincial Government Academic Scholarship
- 1978 George and Mary Louise Patton Award in Economics, Queen's University
- 1981-4 Social Sciences and Humanities Council of Canada Doctoral Fellowship
- 1995-6 Arch W. Shaw National Fellowship, Hoover Institution on War, Revolution and Peace
- 2000-1 P.E.T.E. Teaching Award in Recognition of Professional Excellence in the Training of Economists, Department of Economics, University of Iowa
- 2002-8 Robert Jensen Research Fellowship, Henry B. Tippie College of Business, University of Iowa
- 2006 Fellow of the *Journal of Econometrics*
- 2006-7 P.E.T.E. Teaching Award in Recognition of Professional Excellence in the Training of Economists, Department of Economics, University of Iowa
- 2020 Fellow of the *International Association for Applied Econometrics*

## Publications

### Refereed articles

- 1984 Paarsch, Harry J., "A Monte Carlo Comparison of Estimators for Censored Regression Models," *Journal of Econometrics*, 24 (1984), 197-213.
- 1985 Paarsch, Harry J., "Micro-Economic Models of Beef Supply," *Canadian Journal of Economics*, 18 (1985), 636-651.
- 1990 Paarsch, Harry J., "Work Stoppages and the Theory of the Offset Factor: Evidence from the British Columbian Lumber Industry," *Journal of Labor Economics*, 8 (1990), 387-417.
- 1990 MaCurdy, Thomas E., David A. Green, and Harry J. Paarsch, "Assessing Empirical Approaches for Analyzing Taxes and Labor Supply," *Journal of Human Resources*, 25 (1990), 415-490.
- 1992 Paarsch, Harry J., "Deciding between the Common and Private Value Paradigms in Empirical Models of Auctions," *Journal of Econometrics*, 51 (1992), 191-215.
- 1993 Donald, Stephen G. and Harry J. Paarsch, "Piecewise Pseudo-Maximum Likelihood Estimation in Empirical Models of Auctions," *International Economic Review*, 34 (1993), 121-148.
- 1993 Paarsch, Harry J., "The Effect of Stumpage Rates on Timber Recovery," *Canadian Journal of Economics*, 26 (1993), 107-120.
- 1994 Paarsch, Harry J., "A Comparison of Estimators for Empirical Models of Auctions," *Annales d'Economie et de Statistique*, 34 (1994), 143-157.
- 1995 Hendricks, Kenneth and Harry J. Paarsch, "A Survey of Recent Empirical Work concerning Auctions," *Canadian Journal of Economics*, 28 (1995), 403-426.

- 1996 Donald, Stephen G. and Harry J. Paarsch, "Identification, Estimation, and Testing in Parametric Empirical Models of Auctions within the Independent Private Values Paradigm," *Econometric Theory*, 12 (1996), 517-567.
- 1997 Paarsch, Harry J., "Deriving an Estimate of the Optimal Reserve Price: An Application to British Columbian Timber Sales," *Journal of Econometrics*, 78 (1997), 333-357.
- 1999 Paarsch, Harry J. and Bruce Shearer, "The Response of Worker Effort to Piece Rates: Evidence from the British Columbia Tree-Planting Industry," *Journal of Human Resources*, 34 (1999), 643-667.
- 2000 Paarsch, Harry J. and Bruce Shearer, "Piece Rates, Fixed Wages, and Incentive Effects: Statistical Evidence from Payroll Records," *International Economic Review*, 41 (2000), 59-92.
- 2000 Donald, Stephen G., David A. Green, and Harry J. Paarsch, "Differences in Wage Distributions between Canada and the United States: An Application of a Flexible Estimator of Distribution Functions in the Presence of Covariates," *Review of Economic Studies*, 67 (2000), 609-633.
- 2002 Donald Stephen G. and Harry J. Paarsch, "Superconsistent Estimation and Inference in Structural Econometric Models Using Extreme Order Statistics," *Journal of Econometrics*, 109 (2002), 305-340.
- 2004 Haley, M. Ryan and Harry J. Paarsch, "The Stochastic Implications of Rent Maximization: An Application to Stumpage Rates for Timber in British Columbia," *Journal of Applied Econometrics*, 19 (2004), 25-48.
- 2006 Brendstrup, Bjarne, Harry J. Paarsch, and John L. Solow, "Estimating Market Power in the Presence of Capacity Constraints: An Application to High-Fructose Corn Sweetener," *International Journal of Industrial Organization*, 24 (2006), 251-267.
- 2006 Brendstrup, Bjarne and Harry J. Paarsch, "Identification and Estimation in Sequential, Asymmetric, English Auctions," *Journal of Econometrics*, 134 (2006) 69-94.
- 2006 Donald, Stephen G., Harry J. Paarsch, and Jacques Robert, "An Empirical Model of the Multi-Unit, Sequential, Clock Auction," *Journal of Applied Econometrics*, 21 (2006), 1221-1247.
- 2007 Brendstrup, Bjarne and Harry J. Paarsch, "Semiparametric Identification and Estimation of Multi-Object, English Auctions," *Journal of Econometrics*, 141 (2007), 84-108.
- 2007 Paarsch, Harry J. and Bruce Shearer, "Do Women React Differently to Incentives? Evidence from Experimental Data and Payroll Records," *European Economic Review*, 51 (2007), 1682-1707.
- 2008 Brendstrup, Bjarne, Johan Moritz Kuhn, and Harry J. Paarsch, "Bilateral Bargaining: The Case of Firms and Workers in Denmark," *Applied Economics Research Bulletin*, Special Issue I (Auctions), March (2008), 221-242.

- 2009 Hubbard, Timothy P. and Harry J. Paarsch, “Investigating Bid Preferences at Low-Price, Sealed-Bid Auctions with Endogenous Participation,” *International Journal of Industrial Organization*, 27 (2009), 1–14.
- 2009 Paarsch, Harry J. and John Rust, “Valuing Programs with Deterministic and Stochastic Cycles,” *Journal of Economic Dynamics and Control*, 33 (2009), 614–623.
- 2009 Paarsch, Harry J. and Bruce S. Shearer, “The Response to Incentives and Contractual Efficiency: Evidence from a Field Experiment,” *European Economic Review*, 53 (2009), 481–494.
- 2010 de Castro, Luciano I. and Harry J. Paarsch, “Testing Affiliation in Private-Values Models of First-Price Auctions Using Grid Distributions,” *Annals of Applied Statistics*, 4 (2010), 2073–2098.
- 2012 Hubbard, Timothy P., Tong Li, and Harry J. Paarsch, “Semiparametric Estimation in Models of First-Price, Sealed-Bid Auctions with Affiliation,” *Journal of Econometrics*, 168 (2012), 4–16.
- 2013 Halldorson, Jeffrey B., Harry J. Paarsch, Jennifer Dodge, Alberto M. Segre, Jennifer Lai, and John P. Roberts, “Center Competition and Outcomes Following Liver Transplantation,” *Liver Transplantation*, 19 (2013), 96–104.
- 2013 Haley, M. Ryan, Harry J. Paarsch, and Charles H. Whiteman, “Smoothed Safety First and the Holding of Assets,” *Quantitative Finance*, 13 (2013), 167–176.
- 2013 Hubbard, Timothy P., René Kirkegaard, and Harry J. Paarsch, “Using Economic Theory to Guide Numerical Analysis: Solving for Equilibria in Models of Asymmetric First-Price Auctions,” *Computational Economics*, 42 (2013), 241–266.
- 2013 Hong, Han, Harry J. Paarsch, and Pai Xu, “On the Asymptotic Distribution of the Transaction Price in a Clock Model of a Multi-Unit, Oral, Ascending-Price Auction within the Common-Value Paradigm,” *RAND Journal of Economics*, 44 (2013), 664–685.
- 2014 Cho, Sung-Jin, Harry J. Paarsch, and John Rust, “Is the ‘Linkage Principle’ Valid?: Evidence from the Field,” *Journal of Industrial Economics*, 62 (2014), 346–375.
- 2017 Hickman, Brent R., Timothy P. Hubbard, and Harry J. Paarsch, “Identification and Estimation of a Bidding Model for Electronic Auctions,” *Quantitative Economics*, 8 (2017), 505–551.
- 2018 Gentry, Matthew L., Timothy P. Hubbard, Denis Nekipelov, and Harry J. Paarsch, “Structural Econometrics of Auctions: A Review,” *Foundations and Trends<sup>®</sup> in Econometrics*, 9 (2018), 79–302.
- 2020 Paarsch, Harry J. and John Rust, “Implementing Faustmann–Marshall–Pressler at Scale: Stochastic Dynamic Programming in Space,” *Advances in Econometrics*, 42 (2020), 145–174.
- 2022 Ho, Anson T. Y., Lealand Morin, Harry J. Paarsch, and Kim P. Huyhn, “Household Credit Usage in Canada during the Coronavirus Pandemic.” *Canadian Journal of Economics*, 55(S1) (2022), 88–114

- 2022 Ho, Anson T. Y., Lealand Morin, Harry J. Paarsch, and Kim P. Huyhn, “A Flexible Framework for Intervention Analysis Applied to Credit-Card Usage during the Coronavirus Pandemic.” *International Journal of Forecasting*, 38 (2022) 1129–1157.

#### Handbook chapters

- 1998 Davies, James B., David A. Green, and Harry J. Paarsch, “Economic Statistics and Social Welfare Comparisons: A Review.” Chapter 1 in the *Handbook of Applied Economic Statistics*, edited by David Giles and Aman Ullah. New York: Marcel Dekker, 1998, pages 1–38.
- 2014 Hubbard, Timothy P. and Harry J. Paarsch, “On the Numerical Solution of Equilibria in Auction Models with Asymmetries within the Private-Values Paradigm.” Chapter 2 in the *Handbook of Computational Economics*, Volume 3, edited by Kenneth L. Judd and Karl Schmedders. New York: Elsevier, 2014, pages 35–111.

#### Invited and review publications

- 1994 Paarsch, Harry J., “LIMDEP, Version 6.0: A Review,” *Journal of Applied Econometrics*, 9 (1994), 91–98.
- 2007 Chapman, James T. E., David McAdams, and Harry J. Paarsch, “Bounding Revenue Comparisons across Multi-Unit Auction Formats under  $\epsilon$ -Best Response,” *American Economic Review Papers and Proceedings*, 97 (2007), 455–458.
- 2018 Paarsch, Harry J. and Karl Schmedders, “Introduction,” *Jahrbücher für Nationalökonomie und Statistik / Journal of Economics and Statistics*, Special Issue concerning “Big Data”, 238 (2018), 183–186.

#### Books

- 2006 Paarsch, Harry J. and Han Hong. *An Introduction to the Structural Econometrics of Auction Data*. Cambridge, Massachusetts: MIT Press, 2006. ISBN: 9780262162357
- 2015 Hubbard, Timothy P. and Harry J. Paarsch. *Auctions*. Cambridge, Massachusetts: MIT Press, 2015. ISBN: 9780262528535 (Translated into Japanese by Yosuke Yasuda and Hiroo Yamagata. Tokyo: NTT Publishing, 2017. ISBN: 9784757123618)
- 2016 Paarsch, Harry J. and Konstantin Golyaev. *A Gentle Introduction to Effective Computing in Quantitative Research: What Every Research Assistant Should Know*. Cambridge, Massachusetts: MIT Press, 2016. ISBN: 9780262034111

## Patent

- 2014 United States Patent Number US 8,732,538 B1; 20 May 2014. “Measuring Test Effects Using Adjusted Outlier Data.” Inventors: Zhuo Zhang, Harry J. Paarsch, Patrick Ludvig Bajari, Sameer R. Rajyaguru, Ivan Eduardo Gonzalez, and Devesh R. Raval.

## Software

- 2021 Morin, Lealand and Harry J. Paarsch, “R Package ‘interCross’.” Typescript. Orlando: Department of Economics, University of Central Florida.

## Unpublished Papers

- 2022 Cho, Sung-Jin, Harry J. Paarsch, and John Rust, “Explaining Early Bidding in Informationally-Restricted, Ascending-Bid.” Typescript. Orlando, Florida: Department of Economics, University of Central Florida.
- 2020 Ho, Anson T. Y., Lealand Morin, Harry J. Paarsch, and Kim P. Huyhn, “Liquidity in Canada during the Coronavirus Pandemic.” Typescript. Ottawa, Canada: Currency Department, Bank of Canada.
- 2019 Hubbard, Timothy P., Stefan Klonner, and Harry J. Paarsch, “The Value of Financial Intermediation: Evidence from Chit-Fund Auctions in Tamil Nadu.” Typescript. Orlando, Florida: Department of Economics, University of Central Florida.
- 2019 Cho, Sung-Jin, Harry J. Paarsch, and John Rust, “An Empirical Analysis of Informationally-Restricted Dynamic Auctions of Used Cars.” Typescript. Orlando, Florida: Department of Economics, University of Central Florida.
- 2019 Paarsch, Harry J., Elena Pastorino, and John L. Solow, “An Empirical Analysis of Optimal Effort in Multi-Year Contracts.” Typescript. Orlando, Florida: Department of Economics, University of Central Florida.
- 2014 Emery, J. C. Herbert and Harry J. Paarsch, “Mortgaging the Future or Seizing the Dangerous Moment? The McBride Special Timber Licenses in British Columbia, 1905–1907.” Calgary, Canada: Department of Economics, University of Calgary.
- 2011 Hubbard, Timothy P. and Harry J. Paarsch, “Asymmetries and Affiliation in Models of First-Price Auctions with Private Values.” Typescript. Lubbock, Texas: Department of Economics, Texas Tech University.
- 2011 Hubbard, Timothy P., Harry J. Paarsch, and Will M. Wright, “Hui: A Case Study of a Sequential Double Auction of Capital.” Typescript. Melbourne, Australia: Department of Economics, University of Melbourne.
- 2010 Paarsch, Harry J., Alberto M. Segre, John P. Roberts, and Jeffrey B. Halldorson, “Competition and Post-Transplant Outcomes in Cadaveric Liver Transplantation under the MELD Scoring System.” Typescript. Melbourne, Australia: Department of Economics, University of Melbourne.

- 2010 Paarsch, Harry J. and John Rust, "Implementing Faustmann–Marshall–Pressler: Stochastic Dynamic Programming in Space." Typescript. Melbourne, Australia: Department of Economics, University of Melbourne.
- 2008b Paarsch, Harry J. and John Rust, "Timber Cycles." Typescript. Iowa City, Iowa: Department of Economics, University of Iowa.
- 2008a Paarsch, Harry J. and John Rust, "Implementing Faustmann: Stochastic Dynamic Programming in Space." Typescript. Iowa City, Iowa: Department of Economics, University of Iowa.
- 2007 Paarsch, Harry J., "Selling Timber in British Columbia." Typescript. Iowa City, Iowa: Department of Economics, University of Iowa.
- 2006 Chapman, James T. E., David McAdams, and Harry J. Paarsch, "Bounding Best-Response Violations in Discriminatory Auctions with Private Values." Typescript. Iowa City, Iowa: Department of Economics, University of Iowa.
- 2005 Chapman, James T. E., David McAdams, and Harry J. Paarsch, "Multi-Unit, Sealed-Bid, Discriminatory-Price Auctions." Typescript. Iowa City, Iowa: Department of Economics, University of Iowa.
- 2004 Paarsch, Harry J. and John Rust, "Stochastic Dynamic Programming in Space: An Application to British Columbia Forestry." Typescript. Iowa City, Iowa: Department of Economics, University of Iowa.
- 2003 Brendstrup, Bjarne and Harry J. Paarsch, "Nonparametric Estimation of Dutch and First-Price, Sealed-Bid Auction Models with Asymmetric Bidders." Typescript. Iowa City, Iowa: Department of Economics, University of Iowa.
- 2003 Haley, M. Ryan and Harry J. Paarsch, "Testing Rent Maximization: Evidence from Repeated Cross-Sections of Stumpage Rates for Timber in British Columbia." Typescript. Iowa City, Iowa: Department of Economics, University of Iowa.
- 2003 Paarsch, Harry J. and Jacques Robert, "Testing Equilibrium Behaviour at First-Price, Sealed-Bid Auctions with Discrete Bid Increments." Typescript. Iowa City, Iowa: Department of Economics, University of Iowa.
- 1999 Paarsch, Harry J. and Alberto M. Segre, "Extending the Computational Horizon: Effective Distributed Resource-Bounded Computation for Intractable Problems." Typescript. Iowa City, Iowa: Department of Economics, University of Iowa.
- 1998 Paarsch, Harry J. and Bruce Shearer, "Work Schedules, Worker Fatigue, and Intertemporal Productivity: A Comparison of Fixed Wages to Piece Rates." Typescript. Cité Universitaire, Québec: Département d'économique, Université Laval.
- 1993 Donald, Stephen G. and Harry J. Paarsch, "Maximum Likelihood Estimation when the Support of the Distribution depends upon Some or All of the Unknown Parameters." Typescript. London, Canada: Department of Economics, University of Western Ontario.

## Editorial Service

- 1989-92 Contributing Editor, *Abstracts to Working Papers in Economics*.
- 2000-today Associate Editor, *Journal of Applied Econometrics*.
- 2005-8 Associate Editor, *International Journal of Industrial Organization*.
- 2008-2020 Co-Editor, *International Journal of Industrial Organization*.
- 2009-today Associate Editor, *Journal of Forest Economics*.
- 2016-8 Guest Editor, *Journal of Economics and Statistics*, Special Issue concerning “Big Data.”
- 2016-today Associate Editor, *Quantitative Economics*.
- 2016-22 Associate Editor, *Operations Research*.

## Administration

- 2016-today Director of Graduate Studies: Department of Economics, College of Business, University of Central Florida.

## Visiting Positions

- 1994 Visiting Scholar, Institut d’Economie Industrielle, Université des Sciences Sociales, Toulouse, France, Winter.
- 1994 Visiting Scholar, Faculty of Mathematics, Krasnoyarsk State University, Krasnoyarsk, Russia, Spring.
- 1995 Visiting Associate Professor, Department of Economics, Stanford University, Fall.
- 2003 Visiting Professor, School of Economics and Management, Aarhus Universitet, Aarhus, Denmark, Winter.
- 2003 Visiting Professor, Universitat Pompeu Fabra and Institut d’Anàlisi Econòmica, CSIC, Universitat Autònoma de Barcelona, Barcelona, Spain, Spring.
- 2003 Visiting Professor, School of Economics, Faculty of Commerce and Economics, University of New South Wales, Sydney, Australia, Summer.
- 2004 Visiting Fellow, School of Economics, Faculty of Commerce and Economics, University of New South Wales, Sydney, Australia, Fall.
- 2004 Visiting Professor, MBA Program, Budapest University of Technology and Economics, Budapest, Hungary, Fall.
- 2005 Visiting Professor, Finnish Doctoral Programme in Economics, University of Helsinki, Helsinki, Finland, Summer.
- 2006 Visiting Fellow, School of Economics, Faculty of Commerce and Economics, University of New South Wales, Sydney, Australia, Spring.

- 2009 Visiting Professor, School of Economics and Management, Aarhus Universitet, Aarhus, Denmark, Spring.
- 2009 Visiting Scholar, Department of Economics, University of Victoria, Victoria, Canada, Summer.
- 2009 Visiting Research Scholar, Center for Economic Institutions, Institute of Economic Research, Hitotsubashi University, Tokyo, Japan, Fall 2009.
- 2010 Visiting Scholar, Department of Economics, University of Victoria, Victoria, Canada, Winter.
- 2010 Visiting Professor, Centro de Economía Aplicada, Departamento de Ingeniería Industrial, Universidad de Chile, Santiago, Chile, Fall.
- 2011 Visiting Professor, Collegio Carlo Alberto, Torino, Italy, Winter.
- 2014 Visiting Scholar, Gary Becker Milton Friedman Institute for Research in Economics, University of Chicago, Spring.
- 2014 Visitor, Data and Statistics Office, Bank of Canada, Ottawa, Canada, Fall.
- 2015 Visiting Professor, Institut für Betriebswirtschaftslehre – Quantitative Betriebswirtschaftslehre, Universität Zürich, Zürich, Switzerland, Fall.
- 2016 Visiting Scholar, Department of Economics, Københavns Universitet, Copenhagen, Denmark, Summer.
- 2016 Visiting Professor, Institut für Betriebswirtschaftslehre – Quantitative Betriebswirtschaftslehre, Universität Zürich, Zürich, Switzerland, Fall.
- 2017 Visiting Professor, Institut für Betriebswirtschaftslehre – Quantitative Betriebswirtschaftslehre, Universität Zürich, Zürich, Switzerland, Spring and Fall.
- 2018 Visiting Professor, Institut für Betriebswirtschaftslehre – Quantitative Betriebswirtschaftslehre, Universität Zürich, Zürich, Switzerland, Fall.
- 2019 Distinguished Visitor, Department of Economics, Georgetown University, Fall.

### Invited Lectures

- 1989 “Timber Auctions,” Small Business Enterprise Program, Annual Meeting, Ministry of Forests, Victoria, British Columbia, Canada.
- 1991 “High-Grading,” Small Business Forest Enterprise Program, Annual Meeting, Ministry of Forests, Vancouver, British Columbia, Canada.
- 2009 “The Incomplete Information Revolution,” Department of Treasury and Finance, Melbourne, Victoria, Australia.
- 2011 “The Incomplete Information Revolution,” Plenary Session II, Fourth Italian Congress of Econometrics and Empirical Economics, Pisa, Italy.
- 2015 “The Incomplete Information Revolution,” Dean’s Speaker Series, College of Business Administration, University of Central Florida, Orlando, Florida.

## Conference and Workshop Presentations

- 1989.1 Canadian Economics Association, Université Laval: “Empirical Models of Auctions within the Independent Private Values Paradigm and an Application to British Columbian Timber Sales.”
- 1989.2 Canadian Econometric Study Group, McMaster University: “Empirical Models of Auctions within the Independent Private Values Paradigm and an Application to British Columbian Timber Sales.”
- 1989.3 Econometric Society, North American Winter Meeting, Atlanta: “Empirical Models of Auctions within the Independent Private Values Paradigm and an Application to British Columbian Timber Sales.”
- 1990.1 Canadian Labour Economics Conference, Queen’s University: “Work Stoppages and the Theory of the Offset Factor: Evidence from the British Columbian Lumber Industry.”
- 1990.2 Canadian Economics Association, University of Victoria: “Deciding between the Common and Private Value Paradigms in Empirical Models of Auctions.”
- 1990.3 Econometric Society, Sixth World Congress, Barcelona, 1990: “Deciding between the Common and Private Value Paradigms in Empirical Models of Auctions.”
- 1990.4 Groupe de recherche en économie de l’énergie et des ressources naturelles, Invited Paper, Université Laval: “Empirical Models of Auctions within the Independent Private Values Paradigm and an Application to British Columbian Timber Sales.”
- 1991.1 Econometric Society, North American Winter Meeting, Washington, DC: “Deciding between the Common and Private Value Paradigms in Empirical Models of Auctions.”
- 1991.2 Canadian Economics Association, Queen’s University: “Piecewise Pseudo-Maximum Likelihood Estimation in Empirical Models of Auctions.”
- 1991.3 Canadian Econometric Study Group, Université Laval: “Piecewise Pseudo-Maximum Likelihood Estimation in Empirical Models of Auctions.”
- 1992.1 Econometric Society, North American Winter Meeting, New Orleans: “Piecewise Pseudo-Maximum Likelihood Estimation in Empirical Models of Auctions.”
- 1992.2 Association of Environmental and Resource Economists, New Orleans: “Empirical Models of Auctions and an Application to British Columbian Timber Sales.”
- 1992.3 Econometric Society, European Meeting, Brussels: “Maximum Likelihood Estimation in Empirical Models of Auctions.”
- 1992.4 Conference on the Econometrics of Imperfect Competition, Invited Paper, Institut d’Economie Industrielle, Université des Sciences Sociales de Toulouse: “Empirical Models of Auctions and an Application to British Columbian Timber Sales.”

- 1993 Canadian Economics Association, Carleton University: “Maximum Likelihood Estimation in Empirical Models of Auctions.”
- 1994.1 Econometric Society, North American Winter Meeting, Boston: “Maximum Likelihood Estimation when the Support depends upon Unknown Parameters.”
- 1994.2 Conference on Computational Methods in Economics and Finance, International Federation of Automatic Control and the Society for Economic Dynamics and Control, Amsterdam: “Identification, Estimation, and Testing in Parametric Empirical Models of Auctions within the Independent Private Values Paradigm.”
- 1994.3 Econometric Society, North American Summer Meeting, Quebec City: “Identification, Estimation, and Testing in Parametric Empirical Models of Auctions within the Independent Private Values Paradigm.”
- 1994.4 Canadian Resource and Environmental Economics Study Group, University of Calgary: “Deriving an Estimate of the Optimal Reserve Price: An Application to British Columbian Timber Sales.”
- 1995.1 Econometric Society, North American Winter Meeting, Washington, DC: “Deriving an Estimate of the Optimal Reserve Price: An Application to British Columbian Timber Sales.”
- 1995.2 Canadian Economics Association, Université du Québec à Montréal: “Sequential, Oral, Ascending-Price, Open-Exit Auctions with Multi-Unit Demand and an Application to the Sale of Siberian Timber Export Permits.”
- 1995.3 Conference on Econometrics and Mathematical Economics / National Science Foundation Conference on Microeconometrics, Invited Paper, University of Wisconsin: “Deriving an Estimate of the Optimal Reserve Price: An Application to British Columbian Timber Sales.”
- 1995.4 Stanford Institute for Theoretical Economics, Invited Paper, Summer Workshop on Empirical Analysis of Game-Theoretic Models, Stanford University: “Deriving an Estimate of the Optimal Reserve Price: An Application to British Columbian Timber Sales.”
- 1995.5 Econometric Society, Seventh World Congress, Tokyo: “Sequential, Oral, Ascending-Price, Open-Exit Auctions with Multi-Unit Demand and an Application to the Sale of Siberian Timber Export Permits.”
- 1996.1 National Science Foundation Symposium: The Bootstrap, Invited Presentation, University of California at Berkeley, 1996: “Graduate Student Computer Lab: An Introduction to Implementing the Bootstrap on a Computer.”
- 1996.2 Stanford Institute for Theoretical Economics, Invited Paper, Summer Workshop on Structural Models in Regulatory, Industrial and Labor Economics, Stanford University: “Piece Rates, Fixed Wages, and Incentive Effects: Statistical Evidence from Payroll Records.”

- 1996.3 Midwest Econometrics Group, University of Wisconsin–Madison: “Differences in Earnings and Wage Distributions between Canada and the United States: An Application of a Semi-Parametric Estimator of Distribution Functions with Covariates.”
- 1997.1 Econometric Society, North American Winter Meeting, New Orleans: “Identification, Estimation, and Testing in Empirical Models of Sequential, Oral, Ascending-Price Auctions within the Independent Private-Values Paradigm.”
- 1997.2 Canadian Econometric Study Group, Queen’s University: “Identification, Estimation, and Testing in Empirical Models of Sequential, Oral, Ascending-Price Auctions within the Independent Private-Values Paradigm.”
- 1998.1 American Compensation Association Academic Research Conference, Islamorada: “On the Elasticity of Effort for Piece Rates: Evidence from the British Columbia Tree-Planting Industry.”
- 1998.2 Canadian Econometric Study Group, University of Western Ontario: “The Response of Worker Effort to Piece Rates: Evidence from the British Columbia Tree-Planting Industry.”
- 1999.1 Fifth International Conference of the Society for Computational Economics, Computing in Economics and Finance, Boston College: “Extending the Computational Horizon: Effective Distributed Resource-Bounded Computation for Intractable Problems.”
- 1999.2 Stanford Institute for Theoretical Economics, Invited Paper, Summer Workshop on Structural Econometric Models of Strategic Interaction and Dynamic Decision-Making, Stanford University: “Identification, Estimation, and Testing in Empirical Models of Sequential, Ascending-Price Auctions with Multi-Unit Demand: An Application to Siberian Timber Export Permits.”
- 1999.3 Stanford Institute for Theoretical Economics, Invited Paper, Summer Workshop on Computational Economics and Economic Theory, Stanford University: “Extending the Computational Horizon: Effective Distributed Resource-Bounded Computation for Intractable Problems.”
- 1999.4 Midwest Econometrics Group, Iowa State University: “Superconsistent Estimation and Inference in Structural Econometric Models using Extreme Order Statistics.”
- 1999.5 Conference on the Econometrics of Price and Product Competition, Institut d’Economie Industrielle, Université des Sciences Sociales de Toulouse: “Identification, Estimation, and Testing in Empirical Models of Sequential, Ascending-Price Auctions with Multi-Unit Demand: An Application to Siberian Timber Export Permits.”
- 2000.1 Cowles Foundation Conference on the Econometrics of Strategy and Decision Making, Yale University, New Haven: “Identification, Estimation, and Testing in Empirical Models of Sequential, Ascending-Price Auctions with Multi-Unit Demand: An Application to Siberian Timber Export Permits.”

- 2000.2 Econometric Society, Eighth World Congress, Seattle: “Superconsistent Estimation and Inference in Structural Econometric Models using Extreme Order Statistics.”
- 2001.1 Stanford Institute for Theoretical Economics, Invited Paper, Summer Workshop on Structural Econometric Models in Labor, Public Finance and Industrial Organization, Stanford University: “The Stochastic Implications of Rent Maximization: An Application to Stumpage Rates for Timber in British Columbia.”
- 2001.2 Workshop on Auctions—Institutional Aspects and Empirical Analysis, Université Libre de Bruxelles: “Identification and Estimation in Empirical Models of Sequential, Oral, Ascending-Price Auctions.”
- 2002.1 Econometric Society, North American Summer Meeting, Los Angeles: “The Stochastic Implications of Rent Maximization: An Application to Stumpage Rates for Timber in British Columbia.”
- 2002.2 Society for Economic Dynamics, Annual Meeting, New York, 2002: “Identification and Estimation in Empirical Models of Sequential, Oral, Ascending-Price Auctions.”
- 2003.1 Econometric Society, Australasian Meeting, Sydney: Special Session on Experiments with Auctions—“Testing Equilibrium Behaviour at First-Price, Sealed-Bid Auctions with Discrete Bid Increments.”
- 2003.2 Conference on Auctions and Market Design: Theory, Evidence, and Applications, Fondazione Eni Enrico Mattei, Milan: “Nonparametric Identification and Estimation of Multi-Unit, Sequential, Oral, Ascending-Price Auctions with Asymmetric Bidders.”
- 2003.3 Midwest Econometrics Group, University of Missouri–Columbia: “Testing Equilibrium Behaviour at First-Price, Sealed-Bid Auctions with Discrete Bid Increments.”
- 2004.1 Econometric Society, North American Winter Meeting, San Diego: “Nonparametric Identification and Estimation of Multi-Unit, Sequential, Oral, Ascending-Price Auctions with Asymmetric Bidders.”
- 2004.2 Econometric Society, North American Summer Meeting, Providence: “Nonparametric Estimation of Dutch and First-Price, Sealed-Bid Auctions with Asymmetric Bidders.”
- 2004.3 Society for Economic Dynamics, Annual Meeting, Florence: “Nonparametric Identification and Estimation of Sequential Dutch Auctions with Asymmetric Bidders.”
- 2004.4 Tenth International Conference on Computing in Economics and Finance, Invited Paper, Amsterdam: “Nonparametric Identification and Estimation of Multi-Unit, Sequential, Oral, Ascending-Price Auctions with Asymmetric Bidders.”

- 2004.5 Stanford Institute for Theoretical Economics, Invited Paper, Summer Workshop on Structural Econometric Models in Labor, Public Finance and Industrial Organization, Stanford University: “Nonparametric Identification and Estimation of Multi-Unit, Sequential, Oral, Ascending-Price Auctions with Asymmetric Bidders.”
- 2004.6 Semiparametrics in Rio Conference, Invited Paper, Rio de Janeiro: “Semiparametric Estimation in Models of Multi-Object, Sequential, English Auctions.”
- 2004.7 Econometric Society, Latin American Meeting, Santiago: “Nonparametric Identification and Estimation of Multi-Unit, Sequential, Oral, Ascending-Price Auctions with Asymmetric Bidders.”
- 2005.1 Econometric Society, North American Winter Meeting, Philadelphia: “Identification and Estimation in Sequential Dutch Auctions.”
- 2005.2 Society for Economic Dynamics, Annual Meeting, Budapest, 2005: “Stochastic Dynamic Programming in Space: An Application to British Columbia Forestry.”
- 2005.3 Conference in Tribute to Jean-Jacques Laffont, Toulouse: “Stochastic Dynamic Programming in Space: An Application to British Columbia Forestry.”
- 2005.4 Econometric Society, Ninth World Congress, London: “Stochastic Dynamic Programming in Space: An Application to British Columbia Forestry.”
- 2005.5 Fourth Annual International Industrial Organization Conference, Invited Paper, Boston: “Multi-Unit, Sealed-Bid, Discriminatory-Price Auctions.”
- 2006.1 Conference on the Econometrics of Auctions and Journal of Applied Econometrics Volume in Tribute to Jean-Jacques Laffont, Toulouse: “Bilateral Bargaining as a Double Auction: The Case of Firms and Workers in Denmark.”
- 2006.2 Econometric Society, North American Summer Meeting, Minneapolis: “Bilateral Bargaining as a Double Auction: The Case of Firms and Workers in Denmark.”
- 2006.3 Econometric Society, Far Eastern Meeting, Beijing: “Multi-Unit, Sealed-Bid, Discriminatory-Price Auctions.”
- 2006.4 Stanford Institute for Theoretical Economics, Invited Paper, Summer Workshop on Theory-Based Micro-Econometric Modeling, Stanford University: “Stochastic Dynamic Programming in Space: An Application to British Columbia Forestry.”
- 2006.5 Canadian Econometric Study Group, Brock University: “Semiparametric Identification and Estimation Multi-Object, English Auctions.”
- 2007.1 American Economic Association, Annual Meeting, Invited Paper, Chicago: “Bounding Revenue Comparisons across Multi-Unit Auction Formats under  $\varepsilon$ -Best Response.”
- 2007.2 Econometric Society, North American Winter Meeting, Chicago: “Investigating Bid Preferences at Low-Price, Sealed-Bid Auctions.”

- 2007.3 Society for Economic Dynamics, Annual Meeting, Prague: “Intertemporal Productivity under Fixed Wages and Piece Rates.”
- 2007.4 Conference on Auctions and Games, Virginia Polytechnic Institute and State University: “Semiparametric Estimation in Models of First-Price, Sealed-Bid Auctions with Affiliation.”
- 2008.1 Econometric Society, North American Winter Meeting, New Orleans: “Semiparametric Estimation in Models of First-Price, Sealed-Bid Auctions with Affiliation.”
- 2008.2 Eighth Annual Missouri Economics Conference, University of Missouri: “Bounding Best-Response Violations in Discriminatory Auctions with Private Values.”
- 2008.3 World Congress on National Accounts and Economic Performance Measures for Nations, Invited Presentation, Washington, DC: “Rent-Extracting Prices for Timber in British Columbia.”
- 2008.4 Sixth Annual International Industrial Organization Conference, Arlington: “Investigating Bid Preferences at Low-Price, Sealed-Bid Auctions with Endogenous Participation.”
- 2008.5 Canadian Economics Association, University of British Columbia: “Semiparametric Estimation in Models of First-Price, Sealed-Bid Auctions with Affiliation.”
- 2008.6 Econometric Society, North American Summer Meeting, Pittsburgh: “Valuing Programs with Deterministic and Stochastic Cycles.”
- 2008.7 Fourteenth International Conference on Computing in Economics and Finance, Paris: “Timber Cycles.”
- 2008.8 World Congress of the Game Theory Society, Evanston: “Investigating Bid Preferences at Low-Price, Sealed-Bid Auctions with Endogenous Participation.”
- 2008.9 Stanford Institute for Theoretical Economics, Invited Paper, Summer Workshop on Complex Data in Economics and Finance: Spatial Models, Social Networks and Factor Models, Stanford University: “Implementing Faustmann: Stochastic Dynamic Programming in Space.”
- 2008.10 Centre for Microeconometrics One-Day Workshop, Invited Paper, University of Melbourne: “The Response to Incentives and Contractual Efficiency: Evidence from a Field Experiment.”
- 2009.1 Workshop on Industrial Organization: Theory, Empirics and Experiments, Lecce, Italy: “Using Grid Distributions to Test for Affiliation in Models of First-Price Auctions with Private Values.”
- 2009.2 Econometric Society, Australasian Meeting, Canberra, 2009: “Timber Cycles.”
- 2009.3 Fifteenth International Conference on Computing in Economics and Finance, Sydney: “Using Grid Distributions to Test for Affiliation in Models of First-Price Auctions with Private Values.”

- 2010.1 Econometric Society, North American Winter Meeting, Atlanta: “Using Grid Distributions to Test for Affiliation in Models of First-Price Auctions with Private Values.”
- 2010.2 Conference on Dynamic Aspects in Economic Decision Making, Keynote Speaker, Copenhagen: “On the Asymptotic Distribution of the Transaction Price in a Clock Model of a Multi-Unit, Oral, Ascending-Price Auction within the Common-Value Paradigm.”
- 2010.3 Society for Economic Dynamics, Annual Meeting, Montréal: “Optimal Effort in Multi-Year Contracts: An Empirical Analysis.”
- 2010.4 Stanford Institute for Theoretical Economics, Invited Paper, Summer Workshop on Theory-Based Micro-Econometric Modeling, Stanford University: “On the Asymptotic Distribution of the Transaction Price in a Clock Model of a Multi-Unit, Oral, Ascending-Price Auction within the Common-Value Paradigm.”
- 2010.5 Institute on Computational Economics, Invited Presentation, Summer Workshop, University of Chicago: “Numerical Methods for use in Solving and Estimating Models of Auctions as Games of Incomplete Information.”
- 2010.6 Society for the Advancement of Economic Theory, Tenth Conference, Singapore: “On the Asymptotic Distribution of the Transaction Price in a Clock Model of a Multi-Unit, Oral, Ascending-Price Auction within the Common-Value Paradigm.”
- 2010.7 Econometric Society, Tenth World Congress, Shanghai: “On the the Asymptotic Distribution of the Transaction Price in a Clock Model of a Multi-Unit, Oral, Ascending-Price Auction within the Common-Value Paradigm.”
- 2010.8 Australian Conference of Economists, Sydney: “On the Asymptotic Distribution of the Transaction Price in a Clock Model of a Multi-Unit, Oral, Ascending-Price Auction within the Common-Value Paradigm.”
- 2011.1 Econometric Society, North American Winter Meeting, Denver: “Is the ‘Linkage Principle’ Valid?: Evidence from the Field.”
- 2011.2 Econometric Society, North American Summer Meeting, Saint Louis” “The Effects of Competition on Post-Transplant Outcomes of Cadaveric Liver Transplantation under the MELD Scoring System.”
- 2012 Initiative on Computational Economics, Invited Presentation, Summer Workshop, University of Chicago: “On the Numerical Solution of Equilibria in Auction Models with Asymmetries within the Private-Values Paradigm.”
- 2013.1 American Economic Association Meeting, San Diego: “Is the ‘Linkage Principle’ Valid? Evidence from the Field.”
- 2013.2 Workshop in Honor of Ken Judd’s Sixtieth Birthday, Zürich: “Hui: A Case Study of a Sequential Double Auction of Capital.”

- 2014.1 Zürich Initiative on Computational Economics, Invited Presentation, Winter Workshop, Universität Zürich: “On the Numerical Solution of Equilibria in Auction Models with Asymmetries within the Private-Values Paradigm.”
- 2014.2 Stanford Institute for Theoretical Economics, Invited Paper, Summer Workshop on Modern Numerical Methods Applied to Economic Problems, Stanford University: “An Empirical Analysis of Informationally Restricted Dynamic Auctions of Used Cars.”
- 2014.3 University of Calgary Inaugural Empirical Microeconomics Workshop, Banff, 2014: “Hui: A Case Study of a Sequential Double Auction of Capital.”
- 2015.1 Zürich Initiative on Computational Economics, Invited Presentation, Winter Workshop, Universität Zürich: “On the Numerical Solution of Equilibria in Auction Models with Asymmetries within the Private-Values Paradigm.”
- 2015.2 Econometric Society, Eleventh World Congress, Montréal: “Hui: A Case Study of a Sequential Double Auction of Capital.”
- 2016.1 Conference on Auctions, Competition, Regulation, and Public Policy, Lancaster, United Kingdom, 2016: “Hui: A Case Study of a Sequential Double Auction of Capital.”
- 2016.2 Third International Association of Applied Econometrics Conference, Milan, 2016: “Hui: A Case Study of a Sequential Double Auction of Capital.”
- 2016.3 Stanford Institute for Theoretical Economics, Summer Workshop on Empirical Implementation of Theoretical Models of Strategic Interaction and Dynamic Behavior, Stanford University, 2016: “Investigating the Economic Importance of Pricing-Rule Mis-Specification in Empirical Models of Electronic Auctions.”
- 2016.4 Initiative on Computational Economics, Invited Presentation, Lectures on Numerical Methods for Structural Estimation, Hoover Institution, Stanford University: “Hui: A Case Study of a Sequential Double Auction of Capital.”
- 2017.1 Fourth International Association of Applied Econometrics Conference, Sapporo, 2017: “Implementing Faustmann-Marshall-Pressler: Stochastic Dynamic Programming in Space.”
- 2019.1 Advances in Econometrics Conference, The Econometrics of Networks, Păltiniș, Romania, 2019: “Implementing Faustmann-Marshall-Pressler: Stochastic Dynamic Programming in Space.”
- 2019.2 From Theory to Practice: New Developments in Structural Econometrics and Policy Analysis, Becker Friedman Institute, University of Chicago, 2019: “Hui: A Case Study of a Sequential Double Auction of Capital.”
- 2019.3 Third Conference on Dynamic Structural Models, University of Chicago, 2019: “Hui: A Case Study of a Sequential Double Auction of Capital.”
- 2020.1 Econometric Society, Twelfth World Congress, Milano: “An Empirical Analysis of Informationally-Restricted Dynamic Auctions of Used Cars.”

- 2022.1 Twentieth Annual International Industrial Organization Conference, Boston: “Explaining Early Bidding in Informationally-Restricted Ascending-Bid Auctions.”
- 2022.2 Conference in Honour of John Rust, Georgetown University: “Hui: A Case Study of a Sequential Double Auction of Capital.”
- 2022.3 Econometric Society, North American Summer Meeting, Miami: “Explaining Early Bidding in Informationally-Restricted Ascending-Bid Auctions.”
- 2022.4 Stanford Institute for Theoretical Economics, Invited Paper, Summer Workshop on Empirical Implementation of Theoretical Models of Strategic Interaction and Dynamic Behavior, Stanford University: “Explaining Early Bidding in Informationally-Restricted Ascending-Bid Auctions.”
- 2022.5 Econometric Society Summer School in Dynamic Structural Econometrics—Market Design: Massachusetts Institute of Technology, “Structural Econometrics of Auctions.”
- 2022.6 The 15th Greater New York Metropolitan Area Econometrics Colloquium, Princeton University: “Explaining Early Bidding in Informationally-Restricted Ascending-Bid Auctions.”
- 2022.7 Econometric Society Australian Summer School in Dynamic Structural Econometrics—Methodology and Applications of Dynamic Structural Models with Strategic Interactions: Australian National University, “Structural Econometrics of Auctions.”
- 2023.1 Conference on Auctions, Firm Behavior, and Policy, Invited Paper, Colby College: “Explaining Early Bidding in Informationally-Restricted Ascending-Bid Auctions.”

### Seminar Presentations

- 1987 University of British Columbia, York University, Queen’s University, University of Toronto, Carleton University, Columbia University, University of Wisconsin, North Carolina State University
- 1988 University of Washington
- 1989 University of Chicago
- 1990 Simon Fraser University, McMaster University, University of Toronto, Queen’s University, McGill University, Université du Québec à Montréal
- 1991 McGill University, University of Western Ontario
- 1992 Duke University, Boston College, University of Iowa, University of Southern California
- 1993 University of Florida, Lakehead University, University of Guelph, Queen’s University
- 1994 Institut d’Economie Industrielle, Université des Sciences Sociales de Toulouse, Cornell University, University of Chicago, CIRANO, University of Rochester

- 1995 Brock University, Columbia University, Stanford University, University of California, McMaster University, Université Laval, University of North Carolina at Chapel Hill, Duke University, University of Victoria, University of Iowa, Pennsylvania State University
- 1997 Texas A&M University, University of Arizona, University of Minnesota, Oregon State University
- 1998 Universidad de Belgrano, University of Calgary, University of British Columbia, University of Victoria
- 1999 John M. Olin School of Business–Washington University, Iowa State University, University of Western Ontario, University of Toronto, Tilburg University, Tinbergen Institute, University College London/Institute for Fiscal Studies, Georgetown University
- 2000 Aarhus Universitet, Stockholm School of Economics, Uppsala Universitet, University of Auckland, Victoria University of Wellington, University of Otago, University of Technology Sydney, University of New South Wales, Australian National University, Federal Reserve Bank of Cleveland
- 2001 Université de Montréal, University of Texas, Washington University
- 2002 University of Miami, Princeton University, University of British Columbia, University of Victoria
- 2003 University College London, Aarhus Universitet, Department of Mathematics–University of Iowa, HEC Montréal, Universitat Autònoma de Barcelona, CEMFI, Universitat Pompeu Fabra, Universitat d’Alacant, Macquarie University, University of New South Wales, University of Calgary, Department of Geography–University of Iowa, Indiana University, Duke University, University of British Columbia, Georgetown University, University of Missouri–Columbia
- 2004 Concordia University, Université Laval, Stanford University, University of California at Davis, Instituto de Anàlisis Econòmico, Aarhus Universitet, Københavns Universitet, Aarhus School of Business, Australian National University, University of Sydney, Macquarie University, Monash University, University of Melbourne, LaTrobe University, University of New South Wales, University of Maryland, Humboldt–Universität zu Berlin, HEC Université de Genève, British Columbia Ministry of Forests–Forest Analysis Branch
- 2005 Sogang University, Seoul National University, HEC Université de Lausanne, University of Helsinki, British Columbia Ministry of Forests–Revenue Branch, University of Chicago, Queen Mary University of London, University College London/Institute for Fiscal Studies, Séminaire Malinvaud–CREST

- 2006 University of Kansas, University of Illinois at Urbana-Champaign, Pennsylvania State University, Carnegie Mellon University, University of Sydney, University of New South Wales, Monash University, University of Melbourne, La Trobe University, Australian National University, Research School of Social Sciences–Australian National University, Macquarie University, John M. Olin School of Business–Washington University, British Columbia Ministry of Forests and Range–Revenue Branch and British Columbia Timber Sales, University of British Columbia
- 2007 University of Alberta, Brandeis University, Aarhus Universitet, Københavns Universitet, Collegio Carlo Alberto, Rice University, University of Wyoming, British Columbia Ministry of Forests and Range–Revenue Branch and British Columbia Timber Sales, European Central Bank, University College London, Queen Mary University of London, University of Melbourne, Macquarie University, University of Sydney, University of Technology Sydney, University of Queensland, Federal Reserve Bank of New York, Bank of Canada, Université de Paris 1–Panthéon–Sorbonne, Tinbergen Institute
- 2008 University of Alberta, Northwestern University, Monash University, Victoria Department of Sustainability and Environment, La Trobe University, Victoria University of Wellington, University of Auckland, University of Otago, University of Iowa, Simon Fraser University, University of British Columbia
- 2009 Victoria Department of Sustainability and Environment, University of Hong Kong, Hong Kong University of Science and Technology, Stanford University, University of New South Wales, Victoria University of Wellington, Motu Economic and Policy Research Institute, University of Auckland, University of Iowa, Københavns Universitet, Copenhagen Business School, Aarhus Universitet, HEC Université de Genève, Christian–Albrechts–Universität zu Kiel, University of Victoria, University of Calgary, Olin Business School–Washington University, Stanford University, University of Tsukuba, Kyoto University—Institute of Economic Research, Hitotsubashi University—Institute of Economic Research, University of Tokyo, Sogang University, Seoul National University, Keio University, Japan Fair Trade Commission—Competition Policy Research Center
- 2010 Norges Handelshøyskole, Victoria Department of Sustainability and Environment, University of Hong Kong, Australian National University, University of Technology Sydney, Victoria Department of Treasury and Finance, University of Iowa, Copenhagen Business School, La Trobe University, Universidad de Chile—Centro de Economía Aplicada, Universidad Austral de Chile—Facultad de Ciencias Forestales y Recursos Naturales, University of Queensland, Julius–Maximilians–Universität Würzburg, Ludwig–Maximilians–Universität München, Instituto de Anàlisis Econòmico/Universitat Autònoma de Barcelona, Copenhagen Business School, Aarhus Universitet, Københavns Universitet, Toulouse School of Economics, Collegio Carlo Alberto

- 2011 University of Southampton, University of Bristol, Cardiff Business School, London School of Economics and Political Science, Queen Mary University of London, University of Iowa, University of Hong Kong, Seoul National University
- 2012 Colby College
- 2013 eBay Research Labs
- 2014 Yahoo! Labs, Universität Zürich, Queen's University, University of Chicago, Aarhus Universitet, Bank of Canada
- 2015 University of Surrey, Universität Zürich Institut für Betriebswirtschaftslehre – Quantitative Betriebswirtschaftslehre
- 2016 Melbourne Data Science Meetup, University of Melbourne, University of Tasmania, Københavns Universitet, Iowa State University, Universität Zürich—Institut für Betriebswirtschaftslehre – Quantitative Betriebswirtschaftslehre
- 2017 Universität Zürich—Institut für Betriebswirtschaftslehre – Quantitative Betriebswirtschaftslehre, Colby College, University of Toronto, Western University
- 2018 Orlando Machine Learning and Data Science Meetup
- 2019 Johns Hopkins University, Georgetown University, University of Victoria, Stanford University, Concordia University, University of New Brunswick, International Institute for Management Development, Universität Zürich—Department of Banking and Finance, Collegio Carlo Alberto
- 2022 Colby College, University of Texas, University of Kentucky, John M. Olin School of Business—Washington University

## Research Supervision

### Honours Undergraduate Theses

- 1989 Douglas Bosak, "A Conditional Demand Analysis of Electricity in the Residential Sector of British Columbia," Department of Economics, University of British Columbia.
- 1990 Paul Schulstad, "Intervention Analysis of Unemployment Insurance Effects upon Canadian Interprovincial Migration," Department of Economics, University of British Columbia. Winner of the *Joseph A. Crumb Prize* for the best graduating essay in the Honours Programme in Economics.
- 1991 Dougall Molson, "Job Search, Turnover Type, and Wage Changes," Department of Economics, University of British Columbia. Winner of the *Joseph A. Crumb Prize* for the best graduating essay in the Honours Programme in Economics.

## Master's-Level Essays, Papers, and Projects

- 1989.1 J. C. Herbert Emery, "Consistent Estimation of the Impact of Tax Deductibility on the Level of Charitable Contributions for Ontario" Department of Economics, University of British Columbia.
- 1989.2 Robert Frindt, "Labour Stoppages and the Theory of the Offset: Evidence from the Canadian Pig Iron Industry," Department of Economics, University of British Columbia.
- 1989.3 Henry-Jean Gathon, "Measuring Technical Efficiency in the European Railroad Industry: Estimation of a Stochastic Production Frontier," Department of Economics, University of British Columbia.
- 1989.4 Alan Gunderson, "The Effects of Labour Disputes on the Canadian Pulp Industry," Department of Economics, University of British Columbia.
- 1989.5 Gustaf Hagerud, "On the Existence of Speculative Bubbles in the U.S. Dollar-Swedish Kroner Exchange Rate: 1985-1987," Department of Economics, University of British Columbia.
- 1989.6 Veronique Lajoie, "Estimating Engel Curves for Tobacco: A Model of Misreporting," , Department of Economics, University of British Columbia.
- 1989.7 Michael Loenen, "The Labour Supply of Married Canadian Women," Department of Economics, University of British Columbia.
- 1989.8 Stuart Logie, "An Analysis of the Effects of Unanticipated and Anticipated Monetary Growth on Aggregate Canadian Output," Department of Economics, University of British Columbia.
- 1989.9 Steven Mansell, "Wages, Prices, and Macroeconomic Stability: A Canadian Study," Department of Economics, University of British Columbia.
- 1989.10 Pamela Russell, "Testing the Risk Compensation Hypothesis Regarding Automobile Safety Regulation in British Columbia," Department of Economics, University of British Columbia.
- 1989.11 Jong-Say Yong, "Individual Savings Behaviour and Retirement Decisions," Department of Economics, University of British Columbia.
- 1990.1 Catharine Bakker, "The Compensation of Massachusetts Whalers from 1840 to 1863," Department of Economics, University of British Columbia.
- 1990.2 Ian Boeckh, "Optimal Congestion Charges for the Lions' Gate Bridge," Department of Economics, University of British Columbia.
- 1990.3 Victoria Christie, "Male-Female Wage Differentials in the Public and Private Sectors," Department of Economics, University of British Columbia.
- 1990.4 Lindie Colp, "The Economic Adaptation of Immigrants in Canada," Department of Economics, University of British Columbia.
- 1990.5 Mark Donnelly, "Has Canadian Income Taxation Been Fair? An Equal Sacrifice Approach," Department of Economics, University of British Columbia.

- 1990.6 Gregory Flanagan, “Consistent Estimation of the Level of Poverty and an Application: Has the Poverty Level of Immigrants Changed?,” Department of Economics, University of British Columbia.
- 1990.7 Ka-Po Fok, “Determinants of Self-Employment in Canada: Selection of Entrepreneur Immigrants,” Department of Economics, University of British Columbia.
- 1990.8 Darren Huston, “The Earnings-Education Relationship for Canada: An Empirical Inquiry into the Correct Statistical Specification of its Functional Form,” Department of Economics, University of British Columbia.
- 1990.9 Wilhelm Kuerfgen, “Insurance Components in Long Term Wage-Employment Settlements: A Test of Implicit Contract Theory,” Department of Economics, University of British Columbia.
- 1990.10 Christopher Langdon, “A Test for Natural Monopoly with an Application to Nippon Telephone and Telegraph,” Department of Economics, University of British Columbia.
- 1990.11 Harry Nelson, “The Effect of the American Countervailing Duty on the British Columbia Shake and Shingle Industry,” Department of Economics, University of British Columbia.
- 1990.12 Diana O’Reilly, “Union-Nonunion Wage Differentials: Evidence from the Canadian Construction Industry,” Department of Economics, University of British Columbia.
- 1990.13 Olaf Rieck, “The Effect of Unionism on Turnover in the Labour Market: A Transition Probability Analysis,” Department of Economics, University of British Columbia.
- 1990.14 Ellie Sayadi, “Unions, Externalities, and the Wage-Size Effect,” Department of Economics, University of British Columbia.
- 1990.15 Lawrence Sinclair, “The Arbitrage Pricing Theory as a Nonlinear Multivariate Regression Model,” Department of Economics, University of British Columbia.
- 1990.16 Dennis Westergaard, “Male Labour Supply in an Implicit Market Setting,” Department of Economics, University of British Columbia.
- 1995.1 Blair Brace, “An Analysis of the 1977–78 Unemployment Insurance Reforms on the Behaviour of Unemployment in Canada,” Department of Economics, University of Western Ontario.
- 1995.2 Jane Burgess, “The Effect of Monetary Shocks on Housing Starts,” Department of Economics, University of Western Ontario.
- 1995.3 Qiang Chen, “The Effect of the Bhopal Disaster on the Value of Union Carbide Stock—An Application of CAPM Model to Event Studies,” Department of Economics, University of Western Ontario.
- 1995.4 Iris Claus, “How Well Does the Mundell–Fleming Model Fit Canadian Data?,” Department of Economics, University of Western Ontario.

- 1995.5 Devin Destafano, "Salary Determination in the National Hockey League: The Effects of Skills, Franchise Characteristics and Ethnic Background," Department of Economics, University of Western Ontario.
- 1995.6 Navaid Farooq, "An Analysis of Federal Pronatalist Policies from 1946 to 1991," Department of Economics, University of Western Ontario.
- 1995.7 Greg Giffin, "The Effect of Unemployment Insurance Benefits on Labour Market Behaviour in Canada," Department of Economics, University of Western Ontario.
- 1995.8 Pierre Léger, "Returns to Bilingualism: A Study of Federal Government Workers in Quebec and Ontario," Department of Economics, University of Western Ontario.
- 1995.9 Warren Ng, "A Preliminary Analysis of Incentive Issues concerning Chinese Agricultural Productivity before and after 1978-79," Department of Economics, University of Western Ontario.
- 1995.10 Xiangjun Ouyang, "The Effect of Work Stoppages on Pig Iron Production in Canada: An Empirical Analysis," Department of Economics, University of Western Ontario.
- 1995.11 Shannon Seitz, "The Effects of U.S. Monetary Policy Shocks on the Canadian Economy," Department of Economics, University of Western Ontario.
- 1995.12 Jason Smith, "Efficiency in the Market for Canadian Preferred Equity: An Empirical Analysis," Department of Economics, University of Western Ontario.
- 1995.13 Paul Smith, "The Response of USAir's Stock Price to the Airplane Crash of USAir Flight 427: An Event Study Analysis," Department of Economics, University of Western Ontario.
- 1995.14 Robert Stillwell, "Growth, Pollution and Comparative Advantage: A Study of Air Pollution Emissions," Department of Economics, University of Western Ontario.
- 1995.15 Johnny Sum, "The Effects of Weekly Money Announcements on Interest and Exchange Rates in the 1980s," Department of Economics, University of Western Ontario.
- 1995.16 Kyle Toppazzini, "The Effect of Labor Strikes on Stock Prices: An Event Study," Department of Economics, University of Western Ontario.
- 1995.17 Marc Trudeau, "Ricardian Equivalence: A Consolidated Test for Canada," Department of Economics, University of Western Ontario.
- 1995.18 John Tse, "Analysis of the Returns to Education," Department of Economics, University of Western Ontario.
- 1995.19 Russell Turner, "The International Demand for Tourism to the Caribbean," Department of Economics, University of Western Ontario.
- 1995.20 Christina Wang, "Income Inequality in Canada: A Comparison of Immigrants and Non-Immigrants," Department of Economics, University of Western Ontario.

- 1995.21 Sandra Wellman, "Gender Wage Differentials in the Public and Private Sectors," Department of Economics, University of Western Ontario
- 1997.1 Anjit Bajwa, "Multinationals and the Transfer-Pricing Problem," Department of Economics, University of Iowa.
- 1997.2 Sudeep Ghosh, "An Analysis of the Price Effects of Fair-Trade Laws," Department of Economics, University of Iowa.
- 1998 M. Ryan Haley, "The Elasticity of Effort under Piece-Rate Compensation: Evidence from the Midwest Logging Industry," Department of Economics, University of Iowa.
- 2000 Craig R. Dunphey, "Skewed Bidding in Wisconsin State Forests," Department of Economics, University of Iowa.
- 2003 James T. E. Chapman, "The Market Microstructure of the Canadian Overnight Market," Department of Economics, University of Iowa.
- 2004 Clinton J. Levitt, "Market Power of Canadian Potash Producers," Department of Economics, University of Iowa. Winner of the *Best Second-Year Paper Prize*.
- 2005 Timothy P. Hubbard, "Investigating Bid Preferences at Low-Price Sealed-Bid Auctions," Department of Economics, University of Iowa.
- 2006 Yiğit Sağlam, "Optimal Pricing of Water: Some Theoretical Interpretations of Observed Pricing Rules," Department of Economics, University of Iowa.
- 2007 Brent R. Hickman, "Electronic Auctions," Department of Economics, University of Iowa.
- 2010 Simon W. Anderson, "Does Global Warming Exist in Victoria?," Department of Economics, University of Melbourne.
- 2018.1 Donald M. DiJacklin, "Numerical Comparative Dynamics: Ball Python Breeding," Department of Economics, University of Central Florida.
- 2018.2 Joshua L. Eubanks, "The Financial Risks of Bitcoin," Department of Economics, University of Central Florida.
- 2018.3 Logan A. Hoffman, "A Hedonic Price Analysis of Fly Fishing Reels and Country of Origin Effects," Department of Economics, University of Central Florida.
- 2018.4 Cody A. Krug, "The Quantitative Importance and Cost of Adverse Selection in Used-Car Markets," Department of Economics, University of Central Florida.
- 2018.5 Timothy M. Schwieg, "Estimating Valuations of Electronic Cosmetics in Counter-Strike: Global Offensive," Department of Economics, University of Central Florida. Winner of the *R. Glenn Hubbard Student Research Award*.
- 2019.1 Ryan D. Allen, "Hedonic Pricing Analysis of Parking in Washington, DC," Department of Economics, University of Central Florida.
- 2019.2 Kala M. Bryant, "Quit Rates and Job Characteristics: An Empirical Analysis of the Federal Employee Case," Department of Economics, University of Central Florida.

- 2019.3 Michael J. Pabon, “Semiparametric Estimation of Subscription Duration using Time-Varying and Time-Invariant Covariates,” Department of Economics, University of Central Florida. Winner of the *R. Glenn Hubbard Student Research Award*.
- 2019.4 Adam J. Walter, “Hold-off of Healthcare Utilization by the Uninsured and Chronically Ill: An Empirical Comparison using Generalized Lorenz Curves,” Department of Economics, University of Central Florida.
- 2019.5 William F. Weatherford, “Customer Valuations: A Dynamic Approach to RFM Scoring,” Department of Economics, University of Central Florida.
- 2020.1 Huthayfah Barhamje, “Violent Crimes: The Effects of Inequality on Race Interactions,” Department of Economics, University of Central Florida.
- 2020.2 Caralyn M. Clark, “Modeling Default in Layaway Plans for Resale Merchandise,” Department of Economics, University of Central Florida.
- 2020.3 Wesley J. Giotta, “Approximating the Optimal Strategy in a Two-Player Game of Incomplete Information with Application to Yu-Gi-Oh,” Department of Economics, University of Central Florida.
- 2020.4 Nigar Sultana, “Modeling Default Probabilities in Peer-to-Peer Services,” Department of Economics, University of Central Florida.

#### Doctoral Dissertations

- 1990 Stephen G. Donald, “Estimation of Heteroskedastic Limited Dependent Variable Models,” Thesis Committee Member, Department of Economics, University of British Columbia. First appointment: Department of Economics, University of Florida; current appointment: Department of Economics, University of Texas—Edward Everett Hale Centennial Professor.
- 1998.1 Father David Brownfield, “Return on Cognitive Ability in the Labor Market,” Thesis Committee Member, Department of Economics, University of Iowa. First appointment: Mount St. Clare College; current appointment: College of Business and Professional Studies, Ashford University—associate professor; All Saints Parish, Keokuk, Iowa—pastor.
- 1998.2 Linda Y. Wong, “Essays on Matching and Mating: Stratification, Assimilation, and Family Income Inequality,” Thesis Committee Member, Department of Economics, University of Iowa. First appointment: Department of Economics, Binghamton University; current appointment: Department of Economics, Binghamton University—associate professor, with tenure.
- 1999 Craig R. Whittinghill, “Social Choice and Resource Allocation in a Professional Sports League,” Thesis Committee Member, Department of Economics, University of Iowa. First appointment: Department of Economics, Southern Illinois University Carbondale; current appointment: JPMC—risk manager.

- 2003 M. Ryan Haley, “On the Allocation of Crops and Stocks,” Principal Supervisor, Department of Economics, University of Iowa. First appointment: Department of Economics, University of Wisconsin–Oshkosh; current appointment: Department of Economics, University of Wisconsin–Oshkosh—professor, with tenure.
- 2004 Róbert F. Veszteg, “Auctions, Mechanisms, and Uncertainty,” Thesis Committee Member, Department of Economics, Universitat Autònoma de Barcelona. First appointment: Facultad de Ciencias Económicas y Empresariales, Universidad de Navarra; current appointment: School of Political Science and Economics, Waseda University—associate professor.
- 2005 Bjarne O. Brendstrup, “Essays on the Empirical Analysis of Auctions,” Thesis Committee Member, *Ex Officio*, Department of Economics, Aarhus Universitet. First appointment: Department of Economics, Aarhus School of Business; current appointment: Energinet.dk—Director of Electricity System Development.
- 2006.1 Helmut Azacis, “Essays on Implementation and Auctions,” Thesis Committee Member, *Ex Officio*, Department of Economics, Universitat Autònoma de Barcelona. First appointment: Economics Section, Cardiff Business School; current appointment: Economics Section, Cardiff Business School—senior lecturer, with tenure.
- 2006.2 James T. E. Chapman, Department of Economics, University of Iowa. “The Economics of Payments with Application to the Canadian Wholesale Payment System,” Principal Supervisor, Department of Economics, University of Iowa. First appointment: Bank of Canada; current appointment: Bank of Canada—Senior Research Director of the Funds Management and Banking Department.
- 2009.1 Clinton J. Levitt, Department of Economics, University of Iowa. “Learning Through Oil Exploration,” Principal Supervisor, Department of Economics, University of Iowa. First appointment: Department of Economics, Copenhagen Business School; current appointment: School of Economics and Finance, University of Tasmania—lecturer (equivalent to assistant professor in North America), with tenure.
- 2009.2 Timothy P. Hubbard, Department of Economics, University of Iowa. “Trade and Transboundary Pollution: New Data, Theory, and Quantitative Insights,” Principal Supervisor, Department of Economics, University of Iowa, Iowa City. First appointment: Department of Economics and Geography, Texas Tech University; current appointment: Department of Economics, Colby College—associate professor, with tenure.

- 2010.1 Tor Hugo Hauge, Department of Economics, Norwegian School of Economics and Business Administration. “An Empirical Analysis of a Discriminatory, Closed, Simultaneous, Multi-Object Auction,” Thesis Committee Member, Department of Economics, Norwegian School of Economics and Business Administration. First appointment: Stord/Haugesund University College; current appointment: Norwegian Ministry of Trade and Industry—senior advisor.
- 2010.2 Yiğit Sağlam, Department of Economics, University of Iowa. “Water Scarcity and Optimal Pricing of Water,” Co-Principal Supervisor, with Srihari Govindan, Department of Economics, University of Iowa. First appointment: School of Economics and Finance, Victoria University of Wellington; current appointment: School of Economics and Finance, Victoria University of Wellington—senior lecturer (equivalent to senior assistant professor in North America), with tenure.
- 2010.3 Brent R. Hickman, Department of Economics, University of Iowa. “Effort, Race Gaps, and Affirmative Action in College Admissions: Theory and Empirics,” Co-Principal Supervisor, with Srihari Govindan, Department of Economics, University of Iowa. First appointment: Department of Economics, University of Chicago; current appointment: Olin Business School, Washington University in Saint Louis—assistant professor.
- 2015 Colette Marais, Department of Economics, University of Melbourne. “Geological Uncertainty and Investment: The Case of a South African Vanadium Mine.” Principal Supervisor, Department of Economics, University of Melbourne. First appointment: Quantum; current appointment: Telstra—data scientist.
- 2018 Ingrid Burfurd, Department of Economics, University of Melbourne. “Beliefs and Learning in the Laboratory: Essays in Experimental Economics.” Thesis Committee Member, Department of Economics, University of Melbourne. First appointment: RMIT; current appointment: Postdoctoral Research, Centre for Market Design, University of Melbourne.

#### External Examiner of Doctoral Dissertations

- 1993 Bruce S. Shearer, “Empirical Models of Labour Market Incentives: Applications to the Britannia Copper Mine,” Department of Economics, Queen’s University at Kingston, Canada.

## Teaching

1. Intermediate Microeconomics: undergraduate, sophomores and juniors
2. Introductory Mathematical Economics: undergraduate, juniors and seniors
3. Introductory Statistics: undergraduate, sophomores and juniors
4. Introductory Econometrics: undergraduate, sophomores and juniors
5. Applied Econometrics: undergraduate, juniors and seniors
6. Auctions and Bidding: undergraduate, juniors and seniors
7. Natural Resource Economics: undergraduate, juniors and seniors
8. Labor Economics: undergraduate, sophomores as well as juniors and seniors
9. Economics of Agriculture: undergraduate, juniors and seniors
10. Microeconomic Theory: graduate, first-year doctoral
11. Mathematics for Economists: graduate, first-year doctoral
12. Statistics and Econometrics: graduate, master's and doctoral
13. Applied Econometrics: graduate, upper-year doctoral
14. Computational Methods: graduate, upper-year doctoral
15. Economics of Organizations: graduate, upper-year doctoral
16. Structural Econometrics of Auctions: graduate, upper-year doctoral
17. Business Analytics: graduate, master's
18. Data Science: graduate, master's
19. Behavioral Economics: graduate, master's
20. Capstone Project in Business Analytics: graduate, master's

## Refereeing

The *American Economic Review*, the *American Journal of Agricultural Economics*, the *American Statistical Association Journal*, the *Annals of Finance*, the Australian Research Council, the *Canadian Journal of Agricultural Economics*, the *Canadian Journal of Economics*, *Canadian Public Policy*, *Computational Economics*, *Economica*, *Econometrica*, *Econometrics Reviews*, the *Economic Journal*, *Economic Theory*, *Empirical Economics*, the *European Economic Review*, the *European Journal of Political Economy*, *Games and Economic Behavior*, *Forest Science*, *Industrial and Labor Relations Review*, *Industrial Relations Journal*, the *International Economic Review*, the *International Journal of Industrial Organization*, the Israel Science Foundation, the *Journal of Applied Econometrics*, the *Journal of Business Economics and Statistics*, the *Journal of Econometrics*, the *Journal of Economic Theory*, the *Journal of Environmental Economics and Management*, the *Journal of Forestry*, the *Journal of Forest Economics*, *Journal of Human Resources*, the *Journal of Industrial Economics*, the *Journal of Labor Economics*, the *Journal of Monetary Economics*, the *Journal of Political Economy*, the *Journal of Urban Economics*, *Management Science*, the National Science Foundation, *Operations Research*, *Quantitative Economics*, the *RAND Journal of Economics*, the *Review of Economics and Statistics*, the *Review of Economic Studies*, *Regional Science and Urban Economics*, and the Social Sciences and Humanities Research Council of Canada.

## Service

- 1988-9 Graduate Student Review and Retention Committee: Department of Economics, University of British Columbia.
- 1988-91 University Representative to the Social Science Federation of Canada: University of British Columbia.
- 1989-91 Undergraduate Adviser: Department of Economics, University of British Columbia.
- 1989-92 Executive Committee: Department of Economics, University of British Columbia.
- 1989-92 Co-ordinator of Discussion Papers: Department of Economics, University of British Columbia.
- 1989-91 Visiting Speakers Co-ordinator: Department of Economics, University of British Columbia.
- 1992-5 Appointments Committee: Department of Economics, University of Western Ontario.
- 1993 Program Committee: Twenty-Seventh Annual Meeting of the Canadian Economics Association.
- 1993-4 Social Science Dean's Committee on Computing: Department of Economics, University of Western Ontario.
- 1994-5 Workstation Laboratory Director: Department of Economics, University of Western Ontario.
- 1994-5 Applied Economics/Econometrics Workshop Co-ordinator: Department of Economics, University of Western Ontario.
- 1996-7 Undergraduate Committee: Department of Economics, College of Business Administration, University of Iowa.
- 1996-9 Visiting Speakers Committee: Department of Economics, College of Business Administration, University of Iowa.
- 1996-9 College Computing Committee: Department of Economics, College of Business Administration, University of Iowa.
- 1996-2001 Recruiting Committee: Department of Economics, College of Business Administration, University of Iowa.
- 1997-8 Chairman, Visiting Speakers Committee: Department of Economics, College of Business Administration, University of Iowa.
- 1997-2000 University of Iowa Utility/Energy Advisory Board: University of Iowa.
- 1997-2000 Member of the Faculty Assembly, College of Liberal Arts, University of Iowa, Iowa City.
- 1997-2001 Clarence W. Tow Lecture Series Committee: Department of Economics, College of Business Administration, University of Iowa.
- 1998-2000 Vice President for Research Advisory Committee in the Social Sciences: University of Iowa.

- 2000 Organizer, Clarence W. Tow Conference on Applied Research concerning Auctions and Mechanism Design: Henry B. Tippie College of Business, University of Iowa.
- 2000-1 Chairman, College Computing and Learning Technologies Committee: Henry B. Tippie College of Business, University of Iowa.
- 2001-2 Advisory Committee: Department of Economics, Henry B. Tippie College of Business, University of Iowa.
- 2001-2 Graduate Committee: Department of Economics, Henry B. Tippie College of Business, University of Iowa.
- 2001-2 College Computing and Learning Technologies Committee: Henry B. Tippie College of Business, University of Iowa.
- 2002 Organizer, with Christopher M. Sleet, Clarence W. Tow Conference on Computational Economics: Henry B. Tippie College of Business, University of Iowa.
- 2002-5 Faculty Senator: University of Iowa.
- 2002-4 Clarence W. Tow Lecture Series Committee: Department of Economics, Henry B. Tippie College of Business, University of Iowa.
- 2002-4 College Promotion and Tenure Committee: Henry B. Tippie College of Business, University of Iowa.
- 2004 Organizer, Clarence W. Tow Conference on Auctions: Henry B. Tippie College of Business, University of Iowa.
- 2004-5 Graduate Committee: Department of Economics, Henry B. Tippie College of Business, University of Iowa.
- 2005 Program Committee: 9<sup>th</sup> World Congress of the Econometric Society, University College, London.
- 2005 Organizer, with Olivier Armantier, CIREQ Conference on Auctions: CIRANO, Université de Montréal.
- 2005-6 Undergraduate Committee: Department of Economics, Henry B. Tippie College of Business, University of Iowa.
- 2005-7 Recruiting Committee: Department of Economics, Henry B. Tippie College of Business, University of Iowa.
- 2006-7 College Promotion and Tenure Committee: Henry B. Tippie College of Business, University of Iowa.
- 2007 Programme Committee: 34<sup>th</sup> European Association for Research in Industrial Economics Conference, Valencia, Spain.
- 2009 Graduate Review Committee: Department of Economics, Faculty of Economics and Commerce, The University of Melbourne.
- 2010 Scientific Committee: Conference on Dynamic Aspects in Economic Decision Making, Copenhagen, Denmark.
- 2013 Dennis J. Aigner Award Committee: *Journal of Econometrics*.

- 2015-6 Scientific Committee: 3<sup>rd</sup> International Association of Applied Econometrics Conference, Milan, Italy.
- 2015-6 Recruiting Committee: Business Analytics, College of Business, University of Central Florida.
- 2016-7 Curriculum Committee: Master of Science in Economics, Department of Economics, College of Business, University of Central Florida.
- 2016 Strategic Workgroup on Cross-Disciplinary Research, College of Business, University of Central Florida.
- 2016-7 Scientific Committee: 4<sup>th</sup> International Association of Applied Econometrics Conference, Saporro, Japan.
- 2017-today Graduate Program Review Committee (Chair): Department of Economics, College of Business, University of Central Florida.
- 2017-8 Recruiting Committee: Department of Economics, College of Business, University of Central Florida.
- 2018-9 Chair of Recruiting Committee: Department of Economics, College of Business, University of Central Florida.
- 2018-9 Chair of Sports Analytics Recruiting Committee: College of Business, University of Central Florida.
- 2018-9 Chair of Selection Committee for the Kenneth White and James Xander Professorship in Economics: College of Business, University of Central Florida.
- 2018-9 University Big Data Blue Ribbon Panel: University of Central Florida.
- 2020-today College Research Committee: College of Business, University of Central Florida.
- 2021-today College Ad Hoc Student Academic Appeals Committee: College of Business, University of Central Florida.
- 2022-today University Research Cyberinfrastructure Advisory Committee: University of Central Florida.
- 2022-today University Faculty Senate Information Technology Committee: University of Central Florida.

## Grants

- 1987 University of British Columbia Research Grant (H5-57960), Office of President Research Administration, \$1,550: Evaluating Timber Auctions in British Columbia.
- 1988.1 University of British Columbia Research Grant (H5-56296), Office of Research Services and Industry Liason, \$4,600: Employment/Unemployment Data Analysis (with W. Craig Riddell).
- 1988.2 University of British Columbia Research Grant (H5-70163), Office of President Research Administration, \$1,100: Evaluating Child-care Legislation in Canada.

- 1988.3 Forest Economics and Policy Analysis Research Unit, Canadian Forestry Service, \$5,000: An Empirical Examination of British Columbian Timber Sales.
- 1988.4 British Columbia Government Challenge Grant (H3-30862), \$2,400: Evaluating Child-care Legislation in Canada.
- 1988-90 Social Sciences and Humanities Research Council of Canada (410-88-0277), \$28,233: Taxation and Work Disincentives—two years.
- 1989.1 University of British Columbia Research Grant (H5-70437), Office of Research and Industry Liason, \$1,800: Discriminating between Alternative Economic Paradigms in Auction Theory.
- 1989.2 Forest Economics and Policy Analysis Research Unit, Forestry Canada, \$7,000: Structural Econometric Models of British Columbian Timber Sales.
- 1989.3 Forest Economics and Policy Analysis Research Unit, Forestry Canada, \$5,000: Deciding Between the Common and Private Value Paradigms in Empirical Models of Auctions.
- 1989.4 British Columbia Government Challenge Grant (H3-30862), \$3,000: Collecting Data for Oil and Gas Auctions.
- 1990.1 Forest Economics and Policy Analysis Research Unit, Forestry Canada, \$7,625: An Empirical Examination of British Columbian Treeplanting Contracts, Part 1.
- 1990.2 University of British Columbia Research Grant (H5-70437), Office of Research and Industry Liason, \$4,400: Collecting Data to Investigate the Behaviour of Arbitrators.
- 1990.3 British Columbia Government Challenge Grant (H3-30862), \$4,800: Exercises in Numerical Analysis.
- 1990.4 Social Sciences and Humanities Research Council of Canada International Travel Grant (H5-70437), University of British Columbia, \$1,168: Sixth World Congress of the Econometric Society, Barcelona, Spain.
- 1990.2 Social Sciences and Humanities Research Council of Canada (410-90-0635), \$31,790: Empirical Models of Auctions of Incentive Contracts—two years.
- 1991.1 Forest Economics and Policy Analysis Research Unit, Forestry Canada, \$4,000: How Stumpage Rates Can Induce High-Grading.
- 1991.2 University of British Columbia Research Grant (H5-70437), Office of Research and Industry Liason, \$1,250: The Effect of Alternative Payment Mechanisms on Timber Recovery.
- 1991.3 British Columbia Government Challenge Grant (H3-30862), \$4,600: Exercises in Statistics.
- 1991.4 Forest Economics and Policy Analysis Research Unit, Forestry Canada, \$7,500: An Empirical Examination of British Columbian Treeplanting Contracts, Part 2.
- 1992.1 British Columbia Government Challenge Grant (H3-30862 and H5-55973), \$5,132: Exercises in Econometrics.

- 1992.2 Social Sciences and Humanities Research Council of Canada International Travel Grant (T391A1), University of Western Ontario, \$1,500: Econometric Society, European Meeting, Brussels, Belgium.
- 1992.3 Internal Research Grant, Dean of Social Science (3105-279-300), University of Western Ontario, \$400: Collecting Data concerning Arbitration in BCTF.
- 1992.5 Social Sciences and Humanities Research Council of Canada (410-92-1384), \$33,000: Empirical Models of Auctions—three years.
- 1993 Internal Research Grant, Dean of Social Science (3105-279-300), University of Western Ontario, \$350: Employment Equity, Pay Equity, Evidence from a Short Panel.
- 1994.1 Université des Sciences Sociales de Toulouse, \$4,667: Travel Grant to Visit the Institut d’Economie Industrielle.
- 1994.2 Professional Partnerships Program, Association of Universities and Colleges of Canada, \$2,000: Travel Grant to Visit the State University of Krasnoyarsk.
- 1994.3 Social Sciences and Humanities Research Council of Canada International Travel Grant (T391A4), University of Western Ontario, \$1,653: Conference on Computational Methods in Economics and Finance, International Federation of Automatic Control and the Society for Economic Dynamics and Control, Amsterdam, Netherlands.
- 1994.4 Internal Research Grant, Dean of Social Science (3105-279-300), University of Western Ontario, \$350: Sequential Ascending-Price Auctions of Siberian Timber Export Permits.
- 1994.7 Natural Sciences and Engineering Research Council of Canada (OGP0155426), \$30,000: Maximum Likelihood Estimation when the Support depends on Unknown Parameters—three years.
- 1994.7 Social Sciences and Humanities Research Council of Canada (410-94-1263), \$46,000: Empirical Applications of Labour Market Incentive Models—three years, (Co-investigator with Bruce Shearer).
- 1995 Vice-President (Research) Grant (T391A5), University of Western Ontario, \$5,000: The University of Western Ontario Election Stock Market.
- 1996 Social Sciences and Humanities Research Council of Canada (410-96-0559), \$44,100: The Impact of Individual Heterogeneity, Business Cycles, and Aggregate Trends on Real Wage Dynamics, three years, (Collaborator with David A. Green and James M. Nason).
- 1997 University of Iowa, College of Business Administration, Summer Research Grant, \$4,000: The Effects of Different Incentive Contracts on Worker Productivity: Experimental Evidence from Tree Planters in British Columbia.
- 1998 University of Iowa, College of Business Administration, Summer Research Grant, \$5,000: The Dynamic Effects of Work and Rest on Productivity: Evidence from Tree Planters in British Columbia.
- 1999.1 University of Iowa, College of Business Administration, Summer Research Grant, \$4,000: Subjective Performance Evaluation and Team Production.

- 1999.2 Social Sciences and Humanities Research Council of Canada (410-99-0492), \$61,700: Personnel Policies and Worker Productivity: Experimental Evidence and Dynamic Considerations—three years plus a one-year extension, (Collaborator with Bruce Shearer).
- 2000 University of Iowa, Henry B. Tippie College of Business, Clarence W. Tow Conference Grant, \$15,000: Conference on Applied Research concerning Auctions and Mechanism Design.
- 2002 University of Iowa, Henry B. Tippie College of Business, Clarence W. Tow Conference Grant, \$16,000: Conference on Computational Economics, (with Christopher M. Sleet).
- 2003 National Science Foundation (SES-0241509), \$219,370: Optimal Harvesting of Timber, Valuing Timberland with Stochastically Evolving Timber Volume and Prices using Linked Biological / Geographical Data from British Columbia—three years plus a one-year extension, (Co-Principal Investigator with John Rust).
- 2004 University of Iowa, Henry B. Tippie College of Business, Clarence W. Tow Conference Grant, \$13,000: Conference on Auctions.
- 2005 Université de Montréal, CIREQ Conference Grant, \$14,000: CIREQ Conference on Auctions (with Olivier Armantier).
- 2009.1 University of Melbourne, Faculty of Economics and Commerce, Faculty Research Grant, \$15,000: Selling Timber in British Columbia: A Pilot Study.
- 2009.2 Australian Research Council Linkage Project (LP0990130), total commitment from the ARC as well as partner organisations \$760,875: Auctions of Standing Trees—five years, (Chief Investigator along with Partner Investigators Mark Eigenraam, Veronika Nemes, and Gary Stoneham). [I relinquished this grant after two years because I resigned from the University of Melbourne.]
- 2010.1 National Research Foundation of Korea, Global Research Network Project (NRF-2010-200-20100055-B00005), \$210,179: Dynamic Auction Design and Evaluation—three years, (Principal Investigator SungJin Cho; International Co-Investigator, with John Rust).
- 2010.2 University of Melbourne, Deputy Vice Chancellor (Global Engagement), Vanderbilt International Mobility Grant, \$7,500: Using Copulae to Investigate Affiliation in Empirical Models of Auctions. [I relinquished this grant because I resigned from the University of Melbourne.]
- 2014 University of Melbourne, Faculty of Business and Economics, Faculty Research Grant, \$10,000: Geological Risk and Investment: A South African Vanadium Mine (Co-Investigator, with David P. Byrne).