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Gregor G. Peterson Professor of Economics  
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## **EDUCATION**

- Ph.D. (Economics) Yale University, 1998.  
Committee: Ariel Pakes, Donald Andrews, Steven Berry
- M.Phil. (Economics) Yale University, 1996.
- M.A. (Economics) Yale University, 1994.
- M.A. (Economics) University of Toronto, 1991.
- B.Sc. (Economics, Math) University of Toronto, 1990.

## **RESEARCH INTERESTS**

Industrial Organization, Applied Econometrics, Applied Microeconomics.

## **EMPLOYMENT**

- Stanford University, Graduate School of Business
  - Professor, 7/2011-Present
  - Director, PhD Program, 2/2013-8/2014
  - Founder and Liaison, GSB Research Fellows program, 7/2014-
  - Graduate Student Liaison, Economics, 7/2011-7/2013
  - Associate Professor of Economics (with tenure), 8/2006-6/2009
  - Associate Professor of Economics, 9/2002-7/2006
  - Assistant Professor of Economics, 8/98-8/2002
- Professor, Yale University, Department of Economics, 7/2009-6/2011
- Visiting Associate Professor, UC Berkeley, Department of Economics, Spring 2006
- Visiting Scholar, San Francisco Fed, Research Department, Fall 2005
- Hoover Memorial Institution, National Fellow, 2001-2002
- Yale University, Department of Economics – teaching and research assistant, 1993-1998.
- Various Consulting for General Motors, Coca-Cola, AT&T, WEFA, 1993-1997.
- Intern Economist, AT&T, Summer 1994.
- Associate Economist, WEFA Inc., 1991-93.
- University of Toronto, Department of Economics – TA/RA, 1990-1991.

## **PUBLISHED PAPERS:**

- “Oblivious Equilibrium for Concentrated Industries,” (with Gabriel Weintraub and Przemyslaw Jeziorski), *RAND Journal of Economics*, Winter 2015.
- “Industry Dynamics: Foundations for Models with an Infinite Number of Firms,” (with Gabriel Weintraub and Benjamin Van Roy), *Journal of Economic Theory*, September 2011.
- “Computational Methods for Oblivious Equilibrium,” (with Gabriel Weintraub and Benjamin Van Roy), *Operations Research*, July-August 2010.
- “Markov Perfect Industry Dynamics with Many Firms,” (with Gabriel Weintraub and Benjamin Van Roy), *Econometrica*, November 2008.
- “Estimating Dynamic Models of Imperfect Competition,” (with Patrick Bajari and Jonathan Levin), *Econometrica*, September 2007.
- “Econometric Tools for Analyzing Market Outcomes,” (with Daniel Akerberg, Steven Berry, and Ariel Pakes), in *The Handbook of Econometrics*, J. J. Heckman (ed.), 2007.
- “On the Nonparametric Identification of Nonlinear Simultaneous Equations Models: Comment on B. Brown (1983) and C. Roehrig (1988),” (with Steven Berry), *Econometrica*, September 2006.
- “Oblivious Equilibrium: A Mean Field Approximation for Large Scale Dynamic Games,” (with Gabriel Weintraub and Ben Van Roy), in *Advances in Neural Information Processing Systems*, Vol. 18, 2006.
- “Demand Estimation with Heterogeneous Consumers and Unobserved Product Characteristics: A Hedonic Approach,” (with Patrick Bajari), *Journal of Political Economy*, December 2005.
- “House Prices and Consumer Welfare,” (with Patrick Bajari and John Krainer), *Journal of Urban Economics*, November 2005.
- “Hedonic Price Indexes with Unobserved Product Characteristics, and Application to PC’s,” (with Patrick Bajari), *Journal of Business and Economic Statistics*, January 2005.
- “A Dynamic Analysis of the Market for Wide-Bodied Commercial Aircraft,” *Review of Economic Studies*, July 2004.
- “Learning and Forgetting: The Dynamics of Aircraft Production,” *American Economic Review*, September 2000.

## **WORKING AND OTHER PAPERS:**

- “Finite Sample Properties of Two Step Estimators for Structural Econometric Models,” November 2016, with Dmitry Arkhangelski and Evgeni Drynkin.
- “Transitional Market Dynamics in Complex Environments,” December 2016, with Przemek Jeziorski and Gabriel Weintraub.
- “Simulating the Dynamic Effects of Horizontal Mergers: U.S. Airlines,” Revised September 2018, with Aaron Bodoh-Creed and John Lazarev.
- “Discrete Choice Models as Structural Models of Demand: Some Economic Implications of Common Approaches,” February 2003, with Patrick Bajari.
- “Recession, Recovery, and Structural Change in Australia and New Zealand,” WEFA Global Outlook Conference, October 1992.
- “Stochastic Simulation and Comparison of Consumption Systems,” Policy and Economic Analysis Program, Institute For Policy Analysis, September 1990.
- Numerous Papers in Quarterly and Monthly WEFA Publications 1991-93.

## FELLOWSHIPS AND AWARDS

- Fellow, Econometric Society, elected 2015.
- GSB Trust Fellow, 2016-17.
- James and Doris McNamara Faculty Fellow 2014-2015.
- Precourt Energy Efficiency Center grant awarded for 2012-2013.
- Spence Faculty Fellow 2011-2012.
- Fletcher Jones Faculty Scholar 2002-2003.
- National Science Foundation grant SES-0112106, awarded for 2001-2003.
- Review of Economic Studies Tour, 1998.
- Alfred P. Sloan Foundation Dissertation Fellowship, 1996-97.
- Malcolm Urban Fellowship, 1994-95.

## OTHER PROFESSIONAL ACTIVITIES:

Associate Editor, *RAND Journal of Economics*, 2006-

Board of Editors, *Journal of Economic Literature*, 2009-2011

Associate Editor, *Journal of Economic Dynamics and Control*, 2002-2011

National Bureau of Economic Research,

- Research Associate, 2009-
- Faculty Research Fellow, 1999-2009

Research Staff, Cowles Foundation 2009-2011

Conferences:

- Program Committee Member, Econometric Society World Congress 2015.
- Coorganizer, California Econometrics Conference, 2014.
- Invited Speaker, EEA-ESEM 2014.
- Invited Speaker, EARIE 2012.
- Program Committee Member and Plenary Speaker, GAMES 2012 World Congress.
- Program Committee Member, Econometrics Society Winter meetings, January 2012.
- Leverhume Lectures, Warwick University, May 2010.
- Plenary Speaker, Econometric Society North American Summer Meetings, June 2007.
- Co-organizer of NBER IO Program Summer Meetings, July 2006.
- Program Committee Member for European Economic Association meetings, Stockholm 2003.
- Program Committee Member for 7th International Conference of the Society for Computational Economics.
- Co-organizer of March 2001 meetings of NBER Productivity Group.
- Co-organizer of SITE Applied Microeconomics Week, June 2000.
- Presented at Choice Symposium 2013, CEPR IO Meetings (May 2010), SED Annual Meeting (June 2004, July 2006), INFORMS Annual Meeting (November 2005), Stanford Institute for Theoretical Economics (August 2001, July 2003, July 2004), CAM Characteristics Workshop (Copenhagen – June 2002), AEA Annual Meeting (January 2004), National Research Council Board on Science Technology and Economic Policy (September 2001), NBER Productivity Program Winter Meetings (December 1997).

Member: Econometric Society, American Economic Association

Other Invited Presentations: Boston University, Carnegie Mellon University GSIA, Columbia University Econ Dept, Cornell University Econ Dept, Duke University Econ Dept, Federal Reserve Bank of Minneapolis Research Dept, Federal Reserve Bank of San Francisco Research Dept, Florida State Econ Dept, Harvard University Econ Dept, Harvard Business School, Harvard University Kennedy School of Government, Hoover Institution, IDEI (Toulouse), London School of Economics, MIT Econ Dept, MIT Sloan School of Management, Northwestern University Econ Dept, Northwestern University Kellogg School of Management, NYU Econ Dept, NYU Stern School of Business, Penn State University Econ Dept, Princeton University Econ Dept, Stanford University Management Science and Engineering, Stanford University GSB, Stockholm School of Economics, Tel Aviv University Econ Dept, Texas A&M Econ Dept, Tilburg University Econ Dept, U.S. Bureau of Economic Analysis, U.S. Federal Trade Commission, University of Arizona Econ Dept, University of British Columbia Business School, UC Berkeley Econ Dept, UC Berkeley Haas School of Business, UCLA Econ Dept, UC San Diego Econ Dept, University of Chicago Econ Dept, University of Chicago GSB, University College London Econ Dept, University of Michigan Econ Dept, University of Minnesota Econ Dept, University of Munich Econ Dept, University of Oregon Econ Dept, University of Texas Austin, University of Toronto Rotman School of Management, University of Southern California Econ Dept, University of Virginia Econ Dept, University of Wisconsin Econ Dept, World Bank Training Seminar (June 2005), Yale University Econ Dept

Referee for: *American Economic Journal: Applied Economics*, *American Economic Review*, *Econometrica*, *Economic Journal*, *European Economic Review*, *International Economic Review*, *International Journal of Industrial Organization*, *Journal of Applied Econometrics*, *Journal of Econometrics*, *Journal of Economic Dynamics and Control*, *Journal of the European Economic Association*, *Journal of Industrial Economics*, *Journal of International Economics*, *Journal of Political Economy*, *Management Science*, National Science Foundation, *Quarterly Journal of Economics*, *RAND Journal of Economics*, *Review of Economic Studies*, *Review of Economics and Statistics*.

## TEACHING:

MBA: *OIT274 Data and Decisions – Lab based* (Online/Lab-based Statistics), *OITT265 Data and Decisions* (Applied Statistics), *MGTECON536 Data Driven Decision Making*, *S207 Strategic Leadership*.

PhD: *E603 Econometric Methods I*, *E604 Econometric Methods II*, *E609 Applied Econometrics*, *E629 Dynamic Oligopoly*, *E628 Reading Group in I.O.*, UC Berkeley: *E220C Empirical I.O.*, Yale: *Econ 601 Industrial Organization*, CEMFI mini course September 2015, Stockholm School of Economics mini course May 2013.

Undergraduate: (Yale) *Econ 131A Econometrics and Data Analysis I*

Graduate Students (with initial placement): Aaron Bodoh-Creed (Cornell), Doug Chung (HBS), Oystein Daljord (Chicago), Eric Forister (Cornerstone), Vivienne Groves (McKinsey), Ali Hortacsu (U. Chicago), Przemek Jeziorski (UC Berkeley Haas), Myrto Kalouptsidi (Princeton), John Lazarev (NYU), Wonhee Park (Facebook), Johannes Van Biesebrouck (U. Toronto), Breno Vieira (Cornerstone), Gabriel Weintraub (Columbia GSB).