

**CURRICULUM VITAE**  
**ANTHONY A. SMITH, JR.**

January 17, 2025

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**EDUCATION**

Ph.D. in Economics, Duke University, 1990. Title of doctoral dissertation: *Three Essays on the Solution and Estimation of Dynamic Macroeconomic Models*.

B.S. in Economics, Massachusetts Institute of Technology, 1984.

**PRIMARY APPOINTMENTS**

Chair, Department of Economics, Yale University, July 2019–present.

William K. Lanman, Jr. Professor of Economics, Department of Economics, Yale University, July 2019–present.

Professor of Economics, Department of Economics, Yale University, July 2003–June 2018.

Director of Undergraduate Studies, Department of Economics, Yale University, Fall 2010–Summer 2013.

Visiting Associate Professor of Economics, Department of Economics, University of Rochester, September 2002–December 2002.

Associate Professor with Indefinite Tenure, Graduate School of Industrial Administration (GSIA), Carnegie Mellon University (CMU), July 2002–June 2003 (on leave in Fall 2002).

Associate Professor without Indefinite Tenure, GSIA, CMU, July 1999–June 2002.

Assistant Professor of Economics, GSIA, CMU, September 1993–June 1999.

Visiting Assistant Professor of Economics, GSIA, CMU, September 1992–August 1993.

Assistant Professor of Economics, Department of Economics, Queen's University, Kingston, Ontario, Canada, June 1990–August 1992.

## OTHER APPOINTMENTS

John Weatherall Distinguished Fellow, Department of Economics, Queen's University (Ontario), May 2016.

Research Associate, National Bureau of Economic Research (Program on Economic Fluctuations and Growth), 2012–present.

Visiting Scholar, Istanbul School of Central Banking, Istanbul, Turkey, June 2014.

Visiting Scholar, Institute for International Economic Studies (IIES), Stockholm, Sweden, May 2000.

Visiting Scholar, Center for Economic Research, Tilburg University, Tilburg, the Netherlands, May–June 1998.

Visiting Scholar, Institute for Empirical Macroeconomics, Federal Reserve Bank of Minneapolis, Minneapolis, Minnesota, June–August 1989, July–August 1992, and June 1995.

## PUBLICATIONS IN REFEREED JOURNALS

“Quantifying Uncertainty about Global and Regional Economic Impacts of Climate Change” (with Jenny Bjordal and Trude Storelvmo), *Environmental Research Letters*, September 2022, Vol. 17, No. 9.

“Discussion of: ‘Central Bank Challenges Posed by Uncertain Climate Change and Natural Disasters’ by Lars Peter Hansen,” *Journal of Monetary Economics*, January 2022, Vol. 125, 16–17.

“Generalized Indirect Inference for Discrete Choice Models” (with Marianne Bruins, James Duffy, and Michael Keane), *Journal of Econometrics*, July 2018, Vol. 205, 177–203.

“Is Piketty’s ‘Second Law of Capitalism’ Fundamental?” (with Per Krusell), *Journal of Political Economy*, August 2015, Vol. 123, 725–748.

“Inferring Labor Income Risk and Partial Insurance from Economic Choices” (with M. Fatih Guvenen), *Econometrica*, November 2014, Vol. 82, 2085–2129.

“Modeling Earnings Dynamics” (with Joseph Altonji and Ivan Vidangos), *Econometrica*, July 2013, Vol. 81, 1395–1454.

“Asset Prices in a Huggett Economy” (with Per Krusell and Toshihiko Mukoyama), *Journal of Economic Theory*, May 2011, Vol. 146, 812–844.

“Temptation and Taxation” (with Per Krusell and Burhanettin Kuruşçu), *Econometrica*, November 2010, Vol. 78, 2063–2084.

“Revisiting the Welfare Effects of Eliminating Business Cycles” (with Per Krusell, Toshihiko Mukoyama, and Ayşegül Şahin), *Review of Economic Dynamics*, July 2009, Vol. 12, 393–404.

“Comment on: ‘Welfare Implications of the Transition to High Household Debt’ by Campbell and Hercowitz,” *Journal of Monetary Economics*, January 2009, Vol. 56, 17–19.

“Dynamic Credit Relationships in General Equilibrium” (with Cheng Wang), *Journal of Monetary Economics*, May 2006, Vol. 53, 847–877.

“Consumption-Savings Decisions with Quasi-Geometric Discounting” (with Per Krusell), *Econometrica*, January 2003, Vol. 71, 365–375.

“Equilibrium Welfare and Government Policy with Quasi-geometric Discounting” (with Per Krusell and Burhanettin Kuruşçu), *Journal of Economic Theory*, July 2002, Vol. 105, 42–72.

“Time Orientation and Asset Prices” (with Per Krusell and Burhanettin Kuruşçu), *Journal of Monetary Economics*, January 2002, Vol. 49, 107–135.

“Tax Policy with Quasi-Geometric Discounting” (with Per Krusell and Burhanettin Kuruşçu), *International Economic Journal*, Autumn 2000, Vol. 14, 1–40.

“A Sequential Game Model of Sports Championship Series: Theory and Estimation” (with Christopher Ferrall), *Review of Economics and Statistics*, November 1999, Vol. 81, 704–719.

“On the Welfare Effects of Eliminating Business Cycles” (with Per Krusell), *Review of Economic Dynamics*, January 1999, Vol. 2, 245–272.

“A Method to Infer Coupon Availability from Coupon Redemption in the Supermarket Scanner Panel Data” (with Füsün Gönül), *Journal of Retailing and Consumer Services*, April 1999, Vol. 6, 107–115.

“Income and Wealth Heterogeneity in the Macroeconomy” (with Per Krusell), *Journal of Political Economy*, October 1998, Vol. 106, 867–896.

“Approximate Bias Correction in Econometrics” (with James G. MacKinnon), *Journal of Econometrics*, August 1998, Vol. 85, 205–230.

“Income and Wealth Heterogeneity, Portfolio Selection, and Equilibrium Asset Returns” (with Per Krusell), *Macroeconomic Dynamics*, June 1997, Vol. 1, 387–422.

“Fractional Integration with Drift: Estimation in Small Samples” (with Fallaw Sowell and Stanley E. Zin), *Empirical Economics*, March 1997, Vol. 22, 103–116.

“Rules of Thumb in Macroeconomic Equilibrium: A Quantitative Analysis” (with Per Krusell), *Journal of Economic Dynamics and Control*, April 1996, Vol. 20, 527–558.

“Estimating Nonlinear Time-series Models Using Simulated Vector Autoregressions,” *Journal of Applied Econometrics*, December 1993, Vol. 8, S63–S84.

## BOOK CHAPTERS AND OTHER PUBLICATIONS

“Sources of U.S. Wealth Inequality: Past, Present, and Future” (with Joachim Hubmer and Per Krusell), *NBER Macroeconomics Annual 2020, Volume 35*, University of Chicago Press, 2020.

“Environmental Macroeconomics” (with John Hassler and Per Krusell), in: J.B. Taylor and H. Uhlig, eds., *Handbook of Macroeconomics, Volume 2B* (Chapter 24), North Holland, 2017.

“Indirect Inference,” in: S. Durlauf and L. Blume, eds., *The New Palgrave Dictionary of Economics, 2nd edition*, Palgrave Macmillan (London), 2008.

“Quantitative Macroeconomic Models with Heterogeneous Agents” (with Per Krusell), in: Blundell, R., W. Newey, and T. Persson, eds., *Advances in Economics and Econometrics: Theory and Applications, Ninth World Congress*, Cambridge University Press (London), 2006.

“The Research Agenda: Tony Smith on Business Cycles and Inequality,” *Economic Dynamics Newsletter*, April 2003, Vol. 4 (Issue 2).

“All Around Improvements” (with Patrick D. Larkey), in: A.J. Cochran and M.R. Farrally, eds., *Science and Golf III: Proceedings of the World Scientific Congress of Golf*, Human Kinetics (United Kingdom), 1999, 377–384.

## WORKING PAPERS

“Climate Change Around the World” (with Per Krusell), 2022, NBER Working Paper 30338, CEPR Discussion Paper 17522, and Cowles Foundation Discussion Paper CFDP 2342.

“How Much Can Taxation Alleviate Temptation and Self-Control Problems?” (with Per Krusell and Burhanettin Kuruşçu), 2009.

“Consumption-Savings Decisions with Quasi-Geometric Discounting: The Case with a Discrete Domain” (with Per Krusell), 2008.

“Near-Rational Alternatives and the Empirical Evaluation of Real Business Cycle Models,” 1993, Tepper School of Business Working Paper No. 239.

“Near-Rational Behavior and the Real Business Cycle,” 1992, Tepper School of Business Working Paper No. 1998-42.

“Solving Stochastic Dynamic Programming Problems Using Rules of Thumb,” 1991, Queen’s Economics Department Working Paper No. 816.

## **WORK-IN-PROGRESS**

A Global, High-Resolution, Integrated Model of the Economy, Climate, and Weather (with Jenny Bjordal, Henri Cornec, and Trude Storelvmo).

## **GRANTS**

National Science Foundation, July 2009–June 2013, \$232,230. Project title: Macroeconomics and Global Climate Change.

International Growth Centre (London School of Economics and University of Oxford), January 2010–December 2010, £46,750. Project title: On the Distribution of Climate Damages in the Poor World. Co-investigators: John Hassler, Per Krusell, and Conny Olovsson.

National Science Foundation, July 2006–June 2009 (extended to June 2010), \$156,881. Project title: Macroeconomics and Inequality (collaborative research with Per Krusell).

National Science Foundation, July 2004–June 2006 (extended to June 2007), \$112,281. Project title: Inequality and the Distributional Effects of Macroeconomic Policy (collaborative research with M. Fatih Guvenen).

National Science Foundation, August 1998–July 2001, \$144,264. Project title: Macroeconomics and Inequality (collaborative research with Per Krusell).

Social Sciences and Humanities Research Council of Canada, April 1992–August 1994, C\$30,000. Project title: Costly Decision-Making and Equilibrium Decision Rule Selection (Part I); Reducing Small Sample Bias via Estimation by Simulation (Part II).

## **AWARDS AND FELLOWSHIPS**

Undergraduate Economics Teaching Award, Department of Economics, CMU, 1993.

H. Gregg Lewis Named Instructor, Duke University, 1988–1989.

James B. Duke Fellowship, Duke University, 1985–1988.

## **INVITED LECTURES**

Plenary Speaker, The Korean Economic Review International Conference, Seoul, South Korea, August 2019.

Lectures on Computational Methods in Macroeconomics, Open Source Economics Laboratory, University of Chicago, July 2019.

Keynote Speaker, ifo Institute Workshop on Heterogeneous Agents and the Macroeconomics of Climate Change, Munich, Germany, December 2018.

Keynote Speaker, China Center for Economic Research Summer Institute, Yantai, China, June 2017.

Keynote Address, Third Conference of the Society for Economic Measurement, Thessaloniki, Greece, July 2016.

Short course on Macroeconomics and Climate Change, Queen's University (Ontario), May 2016.

Short course on Heterogeneous Agents and Macroeconomics, Banco Central de Chile (Santiago, Chile), March 2015.

Short course on Macroeconomics and Inequality (with Per Krusell), Sveriges Riksbank (Stockholm, Sweden), December 2014.

Jiang Xuemo Economics Lectures, School of Economics, Fudan University (Shanghai, China), June 2010.

Lecture Series on Computational Methods in Economics, University of Rochester, February–April 2007.

Lecture Series on Computational Methods in Economics, University of Rochester, November–December 1999.

## **TEACHING EXPERIENCE**

Advanced Macroeconomics (PhD, 2019).

Computational Methods in Economics (undergraduate, 2016–2019, 2021, 2023).

Macroeconomic Theory (undergraduate, 2015–2017).

Introductory Macroeconomics (undergraduate, 2006–2009, 2011, 2012).

Macroeconomic Theory (PhD, 1995–2002, 2004–2007, 2014–2017).

Macroeconomics and Inequality (PhD, 2004–2007, 2014, 2017).

Computational Methods in Economics (PhD, 2002, 2004–2005, 2007, 2010, 2012, 2016–2019, 2021, 2023).

Intermediate Macroeconomics (undergraduate, 1990, 2002, 2005).

Probability and Statistics (MBA, 1997–2001, 2003).

Intermediate Microeconomics (undergraduate, 1993–1996).

Econometrics (undergraduate, 1991–1993).

Econometrics (PhD, 1990–1991).

## **DISSERTATION COMMITTEES (first appointment in parentheses)**

*At University of Oslo (Department of Geosciences):*

Jenny Bjordal, co-chair, 2024 (Department of Geosciences, University of Oslo).

*At Yale (Department of Economics):*

Joachim Hubmer, member, 2019 (University of Pennsylvania).

Yaniv Ben-Ami, member, 2017 (Carleton College).

David Childers, member, 2016 (Tepper School of Business, Carnegie Mellon University).

Kieran Walsh, member, 2014 (Darden School of Business, University of Virginia).

Lint Barrage, member, 2013 (University of Maryland).

Alexis Toda, member, 2013 (University of California at San Diego).

Joseph Vavra, member, 2012 (Booth School of Business, University of Chicago).

David Berger, member, 2012 (Northwestern University).

Marnix Amand, chair, 2011 (HEC, Lausanne).

Juan Eberhard, 2010, co-chair (Marshall School of Business, USC).

Ivan Vidangos, 2007, member (Board of Governors).

Ruediger Bachmann, 2007, member (University of Michigan).

Jinhui Bai, 2006, co-chair (Georgetown University).

Sigrídur Benedíksdóttir, 2005, member (Board of Governors).

*At CMU (Department of Economics):*

Roman Sustek, 2005, member (Bank of England).

Muhammet Fatih Guvenen, 2001, chair (University of Rochester).

Eric Young, 2001, co-chair (Florida State University).

Sonia Di Giannatale, 2001, member (CIDE, Mexico City).

Mallika Ishwaran, 1999, chair (Levy Economics Institute, Bard College).

Alan Ahearne, 1998, member (Board of Governors).

Mico Mrkaic, 1998, member (University of Maribor, Slovenia).

Kjetil Storesletten, 1995, member (IIES, Stockholm).

Christian Zimmerman, 1994, member (University of Connecticut).

*Outside reader:*

Ulrika Stavlöt, 2005, Institute for International Economic Studies (Stockholm).

Erick Elder, 1996, University of Pittsburgh (Department of Economics).

## **EDITORIAL AND REVIEWING ACTIVITIES**

Co-Editor of *Macroeconomic Dynamics* (2018–present).

Associate Editor of *Macroeconomic Dynamics* (1996–2018).

Associate Editor of *Review of Economic Dynamics* (2006–2008).

Referee for: *American Economic Review*, *American Economic Journal: Macroeconomics*, *Canadian Journal of Economics*, *Computational Economics*, *Computational Statistics*, *Economic Journal*, *Economics Letters*, *Econometrica*, *European Economic Review*, *Games and Economic Behavior*, *International Economic Review*, *Journal of Applied Econometrics*, *Journal of Business and Economic Statistics*, *Journal of Econometrics*, *Journal of Economic Dynamics and Control*, *Journal of Economic Theory*, *Journal of Monetary Economics*, *Journal of Money, Credit, and Banking*, *Journal of Political Economy*, *Journal of Public Economics*, *Macroeconomic Dynamics*, *Quantitative Economics*, *Quarterly Journal of Economics*, *Review of Economic Dynamics*, *Review of Economic Studies*, *Review of Economics and Statistics*, *Southern Economic Journal*, Blackwell Publishing, National Science Foundation, Social Sciences and Humanities Research Council of Canada, United States–Israel Binational Science Foundation.

## **CONFERENCE ORGANIZATION**

Co-organizer of the Laboratory for Aggregate Economics and Finance conference on “The Micro and Macro Economics of Climate Change,” University of California at Santa Barbara, May 2017.

Co-organizer of Sveriges Riksbank and Euro Area Business Cycle Network conference on “Inequality and Macroeconomics,” Stockholm, Sweden, December 2014.

Co-organizer (with Per Krusell) of the International Growth Centre conference on “The Macroeconomics of Climate Change,” London School of Economics, December 2012.

Co-organizer (with Per Krusell) of the Cowles Foundation Summer Conference on “Macroeconomics and Climate Change,” New Haven, CT, June 2012.



Co-organizer (with Mark Huggett and José-Víctor Ríos-Rull) of the Cowles Foundation Summer Conference on “Macroeconomics with Heterogeneous Households,” New Haven, CT, June 2008.

Program committee, North American Summer Meeting of the Econometric Society, June 2008.

## CONFERENCE TALKS

“A Global, High-Resolution, Integrated Model of the Economy, Climate, and Weather,” presented at: Workshop on the Frontier of Quantitative Macroeconomics: Methods and Models, University of Zurich (2024); Workshop on: “Can Economic Policy Mitigate Climate Change?,” Lausanne, Switzerland (2021).

“Climate Change Around the World,” presented at: Society for Computational Economics, Annual Meetings of the Allied Social Science Associations, San Antonio, Texas (2024); XXVI Annual Conference of the Central Bank of Chile, Santiago, Chile (2023); International Finance Division Collaboration Week, Board of Governors of the Federal Reserve System, Washington, D.C. (2023); The Korean Economic Review International Conference (Plenary Speaker), Seoul, South Korea (2019); Workshop on “Mathematics of the Economy and Climate,” Soesterberg, the Netherlands (2019); ifo Institute Workshop on Heterogeneous Agents and the Macroeconomics of Climate Change (Keynote Speaker), Munich, Germany (2018); UC Berkeley Advanced Workshop in Climate Economics (2018); China Center for Economic Research Summer Institute (Keynote Speaker), Yantai, China (2017); Annual Meeting of the Society for Economic Dynamics (2017); Laboratory for Aggregate Economics and Finance conference on “The Micro and Macro Economics of Climate Change,” University of California at Santa Barbara (2017); Third Conference of The Society for Economic Measurement (Keynote Address), Thessaloniki, Greece (2016); Economic Workshop at Interdisciplinary Center (IDC), Herzliya, Israel (2016).

“Sources of U.S. Wealth Inequality: Past, Present, and Future,” presented at: Seoul National University Policy Forum (2019).

“The Historical Evolution of the Wealth Distribution: A Quantitative–Theoretic Investigation,” presented at: Seventh Meeting of the Society for the Study of Economic Inequality (2017); QED Frontiers of Macroeconomics Workshop, Queen’s University (2016).

“Is Piketty’s ‘Second Law of Capitalism’ Fundamental?,” presented at: Sveriges Riksbank and Euro Area Business Cycle Network Conference on “Inequality and Macroeconomics,” Stockholm, Sweden (2014).

“A Global Economy-Climate Model with High Regional Resolution,” presented at: Developing the Next Generation of Economic Models of Climate Change Conference, Heller-Hurwicz

Economics Institute, University of Minnesota (2014); Fifth World Congress of Environmental and Resource Economists, Istanbul, Turkey (2014); Third International Climate Change Adaptation Conference, Fortaleza, Brazil (2014); Seventh Annual Conference on Macroeconomics Across Time and Space, Federal Reserve Bank of Philadelphia (2013); International Growth Centre conference on “The Macroeconomics of Climate Change,” London School of Economics (2012); Conference on Climate and the Economy, Märsta, Sweden (2012); Cowles Foundation Summer Conference on “Macroeconomics and Climate Change,” New Haven, CT (2012); 1st Northeast Workshop on Energy Policy and Environmental Economics, Cornell University (2012); conference on “Macroeconomics and the Environment,” Arizona State University (2011).

“Inferring Labor Income Risk from Economic Choices: An Indirect Inference Approach,” presented at: First Annual Shanghai Macroeconomics Workshop, Shanghai University of Finance and Economics (2010); QED Frontiers of Macroeconomics Workshop, Queen’s University (2010); Annual Meetings of the American Economic Association (2008); Bundesbank Conference on Microdata Analysis and Macroeconomic Implications, Frankfurt, Germany (2007); Annual Meetings of the Society for Economic Dynamics (2007); Workshop on Heterogeneity and Macroeconomics, Paris-Jourdan Sciences Economiques, Paris, France (2007); Conference on Advances in Theory-Based Estimation in honor of Hansen and Singleton, Carnegie Mellon University (2007).

“A Global Equilibrium Model of Economy-Climate Interactions,” presented at: Annual Meetings of the Society for Economic Dynamics (2009).

“Asset Prices in a Huggett Economy,” presented at: Murray S. Johnson Memorial Conference in honor of Truman F. Bewley, University of Texas, Austin (2009).

“Temptation and Taxation,” presented at: Yale School of Management Conference on Behavioral Science (2005); North American Summer Meeting of the Econometric Society (2001).

“Generalized Indirect Inference for Discrete Choice Models,” presented at: North American Winter Meeting of the Econometric Society (2004); Annual Meetings of the Society for Economic Dynamics (2003).

“Time Orientation and Asset Prices,” presented at Carnegie-Rochester Conference on Public Policy (2001).

“Dynamic Credit Relationships in General Equilibrium,” presented at: North American Winter Meeting of the Econometric Society (2000); Northwestern Summer Workshop on Macroeconomics (1999); Annual Meetings of the Canadian Macroeconomic Study Group (1999); Annual Meetings of the Society for Economic Dynamics (1999); Stanford Institute for Theoretical Economics Summer Workshop (1999).

“Equilibrium Welfare and Government Policy with Quasi-Geometric Discounting,” presented at Stanford Institute for Theoretical Economics Summer Workshop (1999).

“On the Welfare Effects of Eliminating Business Cycles,” presented at Annual Meetings of the Society for Economic Dynamics (1998).

“Income and Wealth Heterogeneity, Portfolio Selection, and Equilibrium Asset Returns,” presented at: University of Iowa Conference on Heterogeneity and Economic Activity (1997); Conference on “Computation and Estimation in Economics and Finance,” Washington University at St. Louis (1995).

“Approximate Bias Correction in Econometrics,” presented at North American Winter Meeting of the Econometric Society (1996).

“Income and Wealth Heterogeneity in the Macroeconomy,” presented at: Stanford Institute for Theoretical Economics Summer Workshop (1995); First International Conference of the Society of Computational Economics (1995); Northwestern University Summer Workshop on Applied General Equilibrium Analysis (1994); National Bureau of Economic Research Summer Workshop (1994); Annual Meetings of the Society for Economic Dynamics and Control (1994); North American Summer Meeting of the Econometric Society (1994); Conference on “Macroeconomics with ‘Frictions’,” Federal Reserve Bank of Minneapolis (1993).

“Near-Rational Behavior and the Empirical Evaluation of Real Business Cycle Models,” presented at North American Winter Meeting of the Econometric Society (1994).

“Rules of Thumb in Macroeconomic Equilibrium: A Quantitative Analysis,” presented at: North American Winter Meeting of the Econometric Society (1993); Annual Meetings of the Canadian Macroeconomic Study Group (1992); Annual Meetings of the Society for Economic Dynamics and Control (1992).

“Estimating Nonlinear Time-series Models Using Simulated Vector Autoregressions,” presented at: Conference on “Econometric Inference Using Simulation Techniques,” Erasmus University, the Netherlands (1992); Annual Meetings of the Society for Economic Dynamics and Control (1990).

“Solving Stochastic Dynamic Programming Problems Using Rules of Thumb,” presented at: Annual Meetings of the Canadian Macroeconomic Study Group (1990); North American Winter Meeting of the Econometric Society (1989).

Discussant or Panelist at: Coupled Physical, Economic, and Financial Impact Modelling Workshop, World Meteorological Organization, Geneva, Switzerland (2024); Yale Climate, Environment, & Economic Growth Conference (2023); National Academies of Sciences Workshop on “The Dynamics of Climate and the Macroeconomy,” Washington, D.C. (2023); Carnegie-Rochester-NYU Public Policy Conference, University of Rochester (2021); Federal Reserve Bank of San Francisco Conference on “The Economics of Climate Change” (2019);

Economic Workshop at IDC Herzliya (2016); NBER EF&G Research Meeting (2015); Plenary Session on Macroeconomics, 11th World Congress of the Econometric Society (2015); NBER Meeting of EFJK Growth Group (2015); Annual Meetings of the American Economic Association (2015); NBER Summer Institute Meeting on Energy and Environmental Economics (2014); Duke-UNC Asset Pricing Conference, Fuqua School of Business, Duke University (2014); 4th Advances in Macro-Finance Tepper-LAEF Conference, Carnegie Mellon University (2013); NBER Summer Institute Meeting on Economic Growth, Cambridge, MA (2013); Ninth Annual Philadelphia Workshop on Macroeconomics, University of Pennsylvania (2011); Carnegie-Rochester Conference on Public Policy, University of Rochester (2008); New York Area Workshop on Monetary Policy, Federal Reserve Bank of New York (2006); CIRANO-CIREQ Financial Econometrics Conference, Montreal, Canada (2004); North American Winter Meeting of the Econometric Society (2000); Annual Meetings of the American Economic Association (1998); Annual Meetings of the American Statistical Association (1994); Annual Meetings of the Canadian Econometric Study Group (1991, 1992); Annual Meetings of the Canadian Macroeconomic Study Group (1991).

## **SEMINAR PRESENTATIONS**

Arizona State University, Banco Central de Chile, Bank of Canada, Bank of England, Board of Governors of the Federal Reserve System, Boston College, Boston University, Brown University, California Institute of Technology, Carnegie Mellon University, Columbia University, Cornell University, Duke University, Einaudi Institute for Economics and Finance (Rome), Federal Reserve Bank of Kansas City, Federal Reserve Bank of Minneapolis, Federal Reserve Bank of St. Louis, Fondazione Eni Enrico Mattei (Venice), Georgetown University, Graduate Center of City University of New York, HEC Lausanne (Switzerland), Hunter College, Indiana University, Institute for International Economic Studies (Stockholm, Sweden), Istanbul School of Central Banking, Johns Hopkins University, Louisiana State University, Massachusetts Institute of Technology, National University of Singapore, New York University, North Carolina State University, Ohio State University, Penn State University, Princeton University, Queen's University, Rice University, Rutgers University, Seoul National University, Sogang University (Seoul), Stanford University, State University of New York at Stony Brook, Tilburg University (Netherlands), Tokyo University, University of Alabama, University of California at Los Angeles, University of California at Santa Barbara, University of Colorado at Boulder, University of Guelph, University of Hong Kong, University of Illinois at Urbana-Champaign, University of Michigan, University of Montreal, University of Pittsburgh, University of Pennsylvania (Department of Economics and the Wharton School), University of Rochester, University of Southern California, University of Texas at Austin, University of Toronto, University of Virginia, University of Western Ontario, Washington University in St. Louis, Yale University, and York University.

## **SERVICE AT YALE**

Chair, Department of Economics (2019–present).  
Member, Data Science Advisory Committee (2021–present).  
Member, Executive Committee of the Cowles Foundation (2008–2011, 2015–2018, 2019–present).  
Member, Ethics, Politics, and Economics Advisory Committee (2019–present).  
Member, Economic Growth Center Advisory Committee (2019–present).  
Member, Yale Center for Research Computing Steering Committee (2018–present).  
Chair of the Ph.D. Admissions Committee, Department of Economics (2016–2019).  
Chair of the Committee on the Economic Status of the Faculty (2016–2019).  
School of Management Standing Appointments and Advisory Committee (2016–2018).  
Teaching and Learning Committee (2015–2016).  
Placement Co-Director, Department of Economics (2014–2015).  
Director of Undergraduate Studies, Department of Economics (2010–2013).  
Member, Cowles Foundation Library Committee (2008–2009).  
Chair, Computing Committee, Department of Economics (2006–2010).  
Co-organizer, Macroeconomics Workshop (Fall 2004, Fall 2005, Spring 2007, Fall 2008, Fall 2009, Spring 2011, Fall 2011, Fall 2017, Spring 2019).  
Organizer, Macroeconomics Lunch (Spring 2013, Fall 2014, Fall 2016, Spring 2017).  
Co-organizer, Macroeconomics Lunch (Fall 2011).  
Member, Graduate Advising Committee, Department of Economics (2007–2009).  
Freshman Faculty Adviser (2008–2009).  
Co-director, Macroeconomics Program Area, Cowles Foundation (2007–2008, 2017–2018).  
Member, Junior Recruiting Committee, Department of Economics (2006–2007, 2007–2008).  
Member, University Term Appointments Committee (2004–2005).  
Member, Term Appointments Committee, Department of Economics (2004–2005).  
Member, Computing Committee, Department of Economics (2004–2005).

## **SERVICE AT CMU**

Member, Eliot Dunlap Smith Award Committee (2002).  
Member, Economics Recruiting Committee (2001–2002).  
Chair, Economics Recruiting Committee (2000–2001).  
University Committee on Nontenure Appointments (1999–2001).  
Masters Academic Actions Committee (1999–present).  
Co-Chair, Economics Recruiting Committee (1999–2000).  
Member, Economics/Finance Recruiting Committee (1993–1994, 1994–1995, 1997–1998).  
Management Game Board (1995, 1996).

## **PROFESSIONAL SERVICE**

Member of the American Economic Association Task Force on Best Practices for Economists (2019–present).

## **PUBLIC SERVICE**

Member of the Stratford (CT) Historic District Commission (2018–present).

Member of the Stratford (CT) Library Association Board (2017–present).

Elected member of the Zoning Commission in Stratford, CT (2012–2016); alternate member (2016).