

MARK ZACHARY TAYLOR

(updated January 2026)

School of Public Policy
Georgia Institute of Technology
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Thomson Reuters (Web of Knowledge) ResearcherID: B-6822-2008

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Academic Positions:

2007-Present	Georgia Institute of Technology Carter School of Public Policy Co-Director, GTDC Program (2022-present) Associate Professor (2017-present) Associate Chair (2021-2023) Nunn School of International Affairs Associate Professor (2013-2017) Assistant Professor (2007-2013)	Atlanta, Georgia Washington D.C.
2011 Autumn	Georgetown University Visiting Associate, Mortara Center for International Studies Edmund A. Walsh School of Foreign Service	Washington D.C.

Education:

1998-2006	Massachusetts Institute of Technology Ph.D. Political Science <u>Fields:</u> International Relations, Political Economy, Comparative Politics, Methods <u>Dissertation:</u> "The Political Economy of Technological Change: A Change in the Debate" Winner of APSA's 2008 Virginia Walsh Award for Best Dissertation in Science, Technology, & Environmental Politics. <u>Committee:</u> Michael Piore (chair), James Snyder, Jonathan Rodden	Cambridge, Massachusetts
2003 & 2004	ICPSR Summer Program in Quantitative Methods	Ann Arbor, Michigan
1993-1995	Yale University M.A. International Relations Fields: International Political Economy, Comparative Science & Technology Policy	New Haven, Connecticut
1991-1992	Kansai University of Foreign Studies Certificate in Japanese Studies (Politics, Policy, & Business)	Osaka, Japan
1986-1990	University of California, Berkeley B.A. Physics	Berkeley, California

Publications & Papers:

Books

Presidents and Prosperity: Explaining Economic Success and Failure in the White House, 1789-2025 (forthcoming)

Presidential Leadership in Feeble Times: Explaining Executive Power in the Gilded Age
(Oxford University Press, 2024).

Reviewed by:

- Smith, David. 2025. *Journal of American History* 112(1):168-169
- Azari, Julia. 2025. *Perspectives on Politics*. 23(4):1653-1654
- Kusch, Fritz. 2025. *Journal of American History* 112(1):168-169
- Cash, Jordan. 2024. *Journal of Interdisciplinary History* 55(2):299-301
- Summers, Mark Wahlgren. 2024. *American Nineteenth Century History* 25(2):207-208
- Rockwell, Stephen J. 2024. *Congress & The Presidency* 51(3):372-373
- Fatovic, Clement. 2024. *Political Science Quarterly* 139(3):504-505

The Politics of Innovation: Why Some Countries Are Better Than Others at Science & Technology
(Oxford University Press, 2016).

Translated into Brazilian Portuguese (2024), Chinese (2019) by Oxford University Press

Winner 2017 Don K. Price Award for best book on science, technology, and politics.
Awarded by the Science, Technology, Environmental Politics section of the American Political Science Association (APSA).

Finalist, APSA 2017 Woodrow Wilson Foundation Award for the best book on government, politics, or international affairs.

Reviewed by:

- Puente, Ignacio & Ben Ross Schneider. 2020. *Review of International Political Economy* 27(6): 1354-1377.
- Hermione Giffard. 2018. *Economic History Review* 71(3): 1019-1021
- Benoit Godin. 2018. *Technology and Culture* 59(2): 489-490
- Darius Ornston. 2018. *R&D Management* 48(2):266
- Junmin Wang. 2017. *Social Forces* 96(1):e11
- Per L Bylund 2017. *Public Choice* 170:327-329
- Matthew K.D. Brummer. 2017. *International Studies Review* 19(2):312-314
- Kai Schnier. 2017. *Kultur Austausch* 3.2017:53
- Damon Coletta. 2017. *Perspectives on Politics* 15(3):807-809
- Jan Fagerberg. 2017. *Journal of Economic Literature* 55(1):232-233
- Roger Smith. 2017. *Research-Technology Management* 60(2):62-63
- Mark A Lehrer. 2017. *Journal of Social Policy* 46(1):200-202
- Yusuff Utieyinesholla. 2017. *TechnoPolicy Africa* 6:19-20
- David Kearn. 2016. *Review of Policy Research* 33(6):686-688
- Elizabeth Redden. 2016. *Inside Higher Ed* (July 26)
- Trevor Taylor. 2016. *International Affairs* 92(6):1535-1536

Primary Research Articles

“The Presidency of Bill Clinton after Thirty Years: A Review Article” *Political Science Quarterly*. (2024). qqae106, <https://doi.org/10.1093/psquar/qqae106>

“The Economic Drivers of Political Time” *Presidential Studies Quarterly* 53: 29-46 (Mar 2023)

“The Gilded Age Presidents and the Economy” *Presidential Studies Quarterly* 51(4):860-883 (Dec 2021)

“Ideas and their Consequences: Benjamin Harrison and the Seeds of Economic Crisis, 1889-1893” *Critical Review* 33(1): 102-127 (Mar 2021)

“Innovation and Alliances” Written with Jon Schmid. *Review of Policy Research* 34(5): 588-616 (Sept 2017)

“An Economic Ranking of the US Presidents, 1789–2008: A Data-Based Approach” *PS: Politics and Political Science* 45(4): 596-604 (Oct 2012)

“Toward an International Relations Theory of National Innovation Rates” *Security Studies* 21(1): 113-151. (Mar 2012)

“Does Culture Still Matter?: The Effects of Individualism on National Innovation Rates” Written with Sean P. Wilson. *Journal of Business Venturing* 27(2): 234-247 (Mar 2012)

“Intellectual Property Protection and U.S. Foreign Direct Investment in Emerging Economies” Written with James Mitchell Watkins. *Journal of Intellectual Property Rights* 15(6): 415-428 (Nov 2010)

“Federalism and Technological Change in Blood Products” *Journal of Health Politics, Policy and Law* 34(6): 863-898 (Dec 2009).

“International Linkages and National Innovation Rates: An Exploratory Probe” *Review of Policy Research* 26(1-2): 127-149 (Mar 2009)

“International Political Economy—Reverse Salient of Innovation Theory” *Review of Policy Research* 26(1-2): 219-223 (Mar 2009)

“Political Economy of Technological Innovation: A Shift in Focus of the Debate” *Review of Evolutionary Economics and Economics of Innovation* 1: 86-153 (Zhejiang Univ. Press, 2009) [in Chinese]

“Political Decentralization and Technological Innovation: Testing The Innovative Advantages of Decentralized States” *Review of Policy Research* 24(3): 231-257 (May 2007)

“Empirical Evidence Against Varieties of Capitalism’s Theory of Technological Innovation” *International Organization* 58(3): 601-631 (Summer 2004)

Book Chapters

“Patents and Politics” in B.S. Steel (ed.), *Science and Politics: A Guide to Issues and Controversies* (CQ Press/Sage Books, 2014)

“Broadband Enabled Innovation” written with Michael Best in *Trends in Telecommunication Reform 2012: Smart Regulation for a Broadband World*. (International Telecommunications Union, 2012)

“The Political Economy of National Leadership in Science and Technology” in *Leadership in Science and Technology: A Reference Handbook*. Ed. William Bainbridge pp. 272-280 (Sage Publications, 2011)

“Politics and the Science of Science Policy” written with Harvey Saposky in *Handbook of Science of Science Policy* eds. John H. Marburger III, Kaye Husbands Fealing, Julia Lane, Bill Valdez, and Stephanie Shipp. (Stanford University Press, 2011)

“Empirical Evidence Against Varieties of Capitalism’s Theory of Technological Innovation” in *Debating Varieties of Capitalism: A Reader* ed. Bob Hanke pp. 221-250 (Oxford University Press, 2009)

Policy & Public-Facing Articles

Joe Biden’s Record on Science and Tech. *The Conversation*. (January 15, 2025).
<https://theconversation.com/joe-bidens-record-on-science-and-tech-investments-and->

regulation-for-vaccines-broadband-microchips-and-ai-247164

“Democracy Is Unfortunately Not Essential to Economic Growth” *The Atlantic* (Nov 5, 2024). <https://www.theatlantic.com/ideas/archive/2024/11/democracy-acemoglu-nobel-prize/680522/>

“Why Women Leave Science: Fixing the Leaky Pipeline has become a Matter of National Competitiveness” written with Sue V. Rosser. *Technology Review* 112(1): M17-M19 (Jan/Feb 2009)

“Economic Security: Expanding Women's Participation in US Science” written with Sue V. Rosser. *Harvard International Review*. 30 (3):20-24 (Fall 2008)

“Dominance Through Technology” *Foreign Affairs* 74(6):14-20. (Nov/Dec, 1995)

Education and Pedagogy

“Regression Analysis” chapter in *21st Century Political Science: A Reference Handbook*. Eds. John Ishiyama and Marijke Breuning pp. 478-489 (Sage Publications, 2010)

“Podcast Lectures as a Primary Teaching Technology: Results of a One-Year Trial” *Journal of Political Science Education* 5(2):135-153 (2009).

Selected Recent Conference Papers

“Creative Insecurity in Gilded Age America” 121st American Political Science Association Annual Conference (Vancouver, 2025)

“Negotiate or Fight?: Presidential Compromise and US Economic Performance” 2025 Midwest Political Science Association Annual Conference (Chicago, 2025)

“Presidential Rhetoric and US Economic Performance” 120th American Political Science Association Annual Conference (Philadelphia, 2024)

“Presidents, Coalition-Building, and US Economic Performance” 119th American Political Science Association Annual Conference (Los Angeles, 2023)

“Warren Harding and Presidential Leadership: The 1920s Economic Boom and the Politics of Normalcy” 2018 Midwest Political Science Association Annual Conference (Chicago, 2018)

“Theodore Roosevelt, Politics, and the Panic of 1907” 2017 Midwest Political Science Association Annual Conference (Chicago, 2017)

“Expectations and Outcomes about Research and Commercialization in International University Research Ventures” with Jan Youtie. 2016. Technology Transfer Society Annual Conference (Phoenix, 2016)

“Innovation, Alliances, and Threats” with John Schmid. Economics and Security Reconsidered, peer-review workshop sponsored by *International Organization*, U. Penn, and American University—SIS (Philadelphia, 2016)

“Three Cultural Boundaries of Science, Institutions, and Public Policy: A Theory of Co-production” written with Brendon Swedlow 2012 American Political Science Association Annual Meeting & Exhibition (New Orleans, 2012)

“Anticipating Obstruction to Science and Technology Policy: When and How Does Technological Change Create Political Backlash?” Presented at International

Conference on Innovative Methods for Innovation Management and Policy
(IM2012) (Beijing, 2012)

“Innovation Politics: When and How Does Technological Change Create Political Action?” Paper Presented at APSA Annual Convention (Seattle, 2011)

“Mechanisms of International Technological Governance” Paper Presented at ISA Annual Convention (Montreal, 2011)

“Why Do Great Powers Give Up the Technological Frontier?: Institutions, Security, and Innovation in the Long-Run” Paper Presented at ISA Annual Convention (Montreal, 2011)

“Conflict, Cooperation, and Technological Change in IR Theory” Midwest Political Science Association National Conference (Chicago, 2010)

“International Relations Theory and Technological Power” 102nd American Political Science Association Meeting (Philadelphia, 2006)

“Political Institutions, Economic Performance, and Global Inequality: The Case of Decentralization” 100th American Political Science Assoc Meeting (Chicago, 2004)

“Comparing Technological Innovation Rates in Different Capitalist Systems” Midwest Political Science Association National Conference (Chicago, 2004)

“A Study of the Comparative Political Economy of Innovation: How Political Institutions Affect Long-Run Technological Progress” 98th Annual APSA Meeting (Boston, 2002)

“IPC Conference Summary on Globalization” with Teresa M. Lynch, David Hsu, Kamal M. Malak. MIT Industrial Performance Center Working Paper 00-001 (Boston, 2000)

Book Reviews

Review of *The Isolated Presidency*. By Jordan Cash (Oxford Univ. Press, 2024) in *Presidential Studies Quarterly* 55(3) (September 2025).

Review of *Power and Progress: Our Thousand-Year Struggle over Technology and Prosperity*. By Daron Acemoglu and Simon Johnson (Hachette 2023). *International Affairs* 99(6): 2525–2527 (November 2023).

Review of *When the President Calls: Conversations with Economic Policymakers*. By Simon W. Bowmaker (MIT Press, 2019) in *Congress & The Presidency* 48(1):101-102 (January 2021)

Review of *Courting Science: Securing the Foundation for a Second American Century*. By Damon V. Coletta (Stanford University Press, 2016) in *Perspectives on Politics* 15(3):810-811 (September 2017)

Review of *America Inc?: Innovation and Enterprise in the National Security State*. By Linda Weiss (Cornell University Press, 2014) in *Political Science Quarterly* 129(4): 752-754 (Winter 2014-2015)

Review of *Betting on Biotech: Innovation and the Limits of Asia’s Developmental State*. By Joseph Wong (Cornell University Press, 2011) in *Perspectives on Politics* 11(4):1228-1230 (December 2013)

Review of *Good Capitalism, Bad Capitalism, and the Economics of Growth and Prosperity*. By William J. Baumol, Robert E. Litan, and Carl J. Schramm (Yale University Press, 2007) in *Review of Policy Research* 24(3):73-75. (January 2008)

Grants

- Georgia Tech Provost's Fund for Excellence in Grad Studies \$16,740 (awarded Aug 2016)
- DoD Minerva Program, US Army Research Office \$194,000 (awarded Apr 2016)
- DoD Minerva Program, US Army Research Office \$404,000 (awarded Feb 2015)
- Georgia Tech Provost's Fund for Excellence in Grad Studies \$3,000 (awarded Jan 2015)
- Georgia Tech Faculty Foundation Grant \$2,200 (awarded Feb 2012)
- NSF (Program: Science of Science & Innovation Policy) \$94,843 (awarded April 2011)
- European Union Center of Excellence (Faculty Research Grant) €2,500 (awarded May 2010)
- NSF (Program: Science of Science & Innovation Policy) \$57,605 (awarded Sept 2008)
- Kauffman Foundation (Program: Research on Entrepreneurship) \$32,750 (awarded Feb 2008)

Teaching Experience: Courses (Instructor) [class sizes range from 9 to 270 students]

Georgia Institute of Technology:

- Advanced S&T Policy (PUBP 8530)
- American Government (PUBP 1101; INTA 1200)
- Applied Political Economy (PUBP 3020)
- Business and Government (PUBP 4226)
- Empirical Research Methods (INTA 6003)
- Globalization (PUBP 3520/4813/8803; INTA 6306)
- Innovation and the State (INTA 6740)
- International Political Economy (INTA 3301)
- IPE Senior Seminar (INTA 4740)
- IPE Senior Thesis (INTA 4741)
- PhD Seminar (INTA 8010)
- Policy Analysis (PUBP 3030)
- Public Policy Internship (PUBP 2695, 4651, 4695)
- South American IPE (INTA 4241)
- U.S. Foreign Policy (INTA 3110)

Massachusetts Institute of Technology:

- Intro to Bivariate & Multivariate Regressions (short course)

Tufts University:

- International Relations through Science Fiction 2000F

Nova Intercultural Institute (Tokyo):

- English as a Second Language 1991(Summer)

Teaching Interests: Political Economy, American Politics, Public Policy, International Relations, US Foreign Policy, Quantitative/Qualitative Research Methods, Politics of Science & Technology.

Student Advising:

Ph.D. Thesis Supervision: Muhammad Salar Khan, Michael Murphree, Olajide Olugbade, Alexander Smith, Mollie Taylor

M.S. Thesis Supervision: Banafsheh Azizi, Jason Mills, Mollie Taylor

B.A. Thesis Supervision: Keida Ackerman, John Akin, Craig Atkinson, Mithuna Bhatt, James Birch, Glenn "Jake" Blackwell, Jordan Edwards, Naihobe Gonzalez, Chris Herron, Trellton Hubbard, David Miller, Stephanie Provow, Kyla Rogers, Anne Staight, Kathryn Stucki, Anthony Tauber, Anthony Tilden, James Watkins, Jane Wong

Professional Service:

- Member, George Edwards Dissertation Award Committee, APSA (2018-2020, 2025-present)
- Member, Editorial Board *Review of Policy Research* (2007-present)
- Board Member, Presidential & Executive Politics Section, APSA (2022-2025)
- Participant, NSF Workshop on Signals/Metrics Identifying Partnerships for Innovation (2019)

- Member, Don K. Price Book Award Committee, APSA (2018)
- Panel Chair, Atlanta Science Conference (2017)
- Grants Panel Review Member, National Science Foundation, SciSIP (2016)
- Program Committee, Atlanta Science Conference (2013)
- Chair, Science, Technology, Environmental Politics Section of APSA (2008-2011)
- Book Reviews Editor, *Review of Policy Research* (2007-2011)
- Member, Editorial Board *Journal of Information Technology & Politics* (2007-2010)
- APSA Conf. Program Chair for Science, Technology, Envirnmtl Politics Section (2008)
- Associate Editor, *MIT International Review* (2005-2007)
- Reviewer: *American Journal of Political Science*, *American Political Science Review*, *Asian Security*, *Cambridge University Press*, *Comparative Politics*, *Comparative Political Studies*, *Contemporary Security Policy*, *Cross-Cultural Management*, *Harvard University Press*, *Industry & Innovation*, *The Information Society*, *Innovation & Development*, *International Interactions*, *International Organization*, *International Studies Quarterly*, *Information Technologies and International Development*, *Journal of Business Venturing*, *Journal of Comparative Economics*, *Journal of Economic Behavior & Organization*, *Journal of Global Security Studies*, *Journal of Industry, Competition and Trade*, *Journal of Information Technology & Politics*, *Journal of International Business Studies*, *Journal of International Marketing*, *Journal of Political Science Education*, *Journal of Small Business Management*, *New Political Economy*, *NSF Grant Proposals (Political Science, SciSIP, STS programs)*, *Oxford University Press*, *PLOS-ONE*, *Policy & Society*, *Political Studies*, *Presidential Studies Quarterly*, *R&D Management*, *Research Policy*, *Review of International Political Economy*, *Review of Policy Research*, *Science and Public Policy*, *Security Studies*, *SSHRC - Insight Grants*, *Strategic Entrepreneurship Journal*, *Social Science Quarterly*, *Technological Forecasting & Social Change*, *University of Michigan Press*, *Urban Studies*, *World Development*, *World Politics*.

University Service:

- Georgia Tech in DC: Pathways to Policy Program, Co-Director (2022-present)
- School of Public Policy Graduate Admissions Committee (2024-2025)
- School of Public Policy, Course Scheduler (2021-2025)
- DM Smith Building Renovation Committee (2022-2023)
- Associate Chair, School of Public Policy (2021-2023)
- Development of African-American Studies Advisory Committee (2020)
- Virtual Faculty Professional Development Advisory Committee (2020)
- School of Public Policy Representative to Georgia Tech Faculty Senate (2018-2021)
- Undergraduate Education Committee, Georgia Tech, School of Public Policy (2018-2021)
- Director, Flax Speaker Series, Georgia Tech, School of Public Policy (2019-2021)
- Faculty Member, Review Committee for Asst. Prof. Anonymous (2021)
- Faculty Member, UG Academic Advisor I Hiring Committee (2021)
- Faculty Member, Freedom of Expression Strategy Working Group (2021)
- Member, Teaching Evaluation Committee, School of Public Policy (2021)
- Member, Faculty Handbook Committee, Ivan Allen College, Georgia Tech (2020-2021)
- Dean Search Committee, Ivan Allen College, Georgia Tech (2019-2020)
- Dean's Committee on Non-Discrimination, Georgia Tech, IAC (2018)
- Technology Fee Committee, Georgia Tech, School of Public Policy (2018)
- Graduate Education Committee, Georgia Tech, Sam Nunn School (2012-2017)
- STS Certificate Standing Committee, Georgia Tech (2012-2017)
- Nunn School Planning Committee, Georgia Tech, Sam Nunn School (2013-2016)
- Director of Graduate Studies, Georgia Tech, Sam Nunn School (2015-2016)
- Director of Intxl Development Minor, Georgia Tech, Sam Nunn School (2013-2016)
- Development Faculty Search Committee, Georgia Tech, Sam Nunn School (Spring 2015)
- Director of Master's Degree Program, Georgia Tech, Sam Nunn School (2013-2015)
- Development Post-Doc Search Committee, Georgia Tech, Sam Nunn School (Spring 2014)
- Undergraduate Education Committee, Georgia Tech, Sam Nunn School (2008-2014)
- Atlanta Conference on Science & Innovation Policy, Organizing Committee (2012-2013)
- Judge, Spring UROP Symposium (Apr 2012)

- Sam Nunn School Representative to Georgia Tech Faculty Senate (2008-2011)
- Georgia Tech Leadership Roundtable, Inst. for Leadership & Entrepreneurship (Nov 2011)
- Georgia Tech Executive Roundtable, Participant (Jan 20, 2011)
- EU Faculty Search Committee, Georgia Tech, Sam Nunn School (Fall 2010)
- IR Faculty Search Committee, Georgia Tech, Sam Nunn School (Spring 2010)
- Grants Tutorial for INTA PhD Students (June 2009)
- Instructor & Faculty member, Argentina Study Abroad Program (May 2009)
- Judge, Georgia Tech Undergraduate Research Spring Symposium & Awards (Mar 2009)
- Georgia Tech, Phi Kappa Phi Award Committee (Mar 2009)
- IR Faculty Search Committee, Georgia Tech, Sam Nunn School (Fall 2007)
- IR Faculty Search Committee, MIT Department of Political Science (Fall 2003)
- Political Science Department Representative, MIT Graduate Student Council (2002-2003)
- Vice-President, International Relations Grad. Student Council, Yale University (1994-1995)

Media Appearances: JustLove Show, Catholic Channel (Sirius-XM) (February 15, 2025)
 Atlanta News First (June 28, 2024)

Invited Presentations: Election 2024 Presidency Roundtable (APSA-PEP) (Nov 2024)

“The President and Economic Leadership: What Can The Gilded Age Tell Us?”

- American History Hit—Cleveland (podcast) (July 2024)
- American History Hit—Hayes (podcast) (April 2024)
- New Books in Political Science (podcast) (Jan 2024)
- The Gilded Age and Progressive Era (podcast) (Dec 2023)
- Purdue University, Northwest campus (Apr 2021)
- MacMillan Center, Yale University (Feb 2021)
- Workshop on Original Policy Research (WOPR), Georgia Tech (Apr 2020)
- “Ohio v. The World” (podcast) <https://ohiovtheworldpodcast.com/> (multiple 2020)
- Rutherford B. Hayes Presidential Library & Museums, Fremont OH (Nov 2019)

“The Politics of Innovation”

- ITIF’s Centre for Canadian Innovation & Competitiveness (virtual panel) (May 2025)
- Innovation Matters (podcast), United Nations (UNECE, Feb 2024)
- UnSiloed (podcast) (Apr 2022)
- IIEDC, National Institute of Technology Srinagar-Kashmir (Jan 2021)
- EarthX and Ameripen Salon Series, Dallas TX (Apr 2019)
- Information Technology & Innovation Foundation, Washington DC (Jun 2018)
- IGL Global Conference, Keynote Speaker, Harvard Business School (Jun 2018)
- School of Global Policy and Strategy, U.C. San Diego (Oct 2017)
- Innovation, Science and Economic Development, Govt. of Canada (Oct 2017)
- Atlanta Conference on Science and Innovation, Georgia Tech (Oct 2017)
- CIO100 National Symposium, Colorado Springs CO (Aug 2017)
- National Science Foundation, Washington DC (Apr 2017)
- Munk School of Global Affairs, University of Toronto (Mar 2017)
- Atlanta CIO Perspectives, Atlanta, GA (Mar 2017)
- Georgia State University (Mar 2017)
- Carnegie Mellon University (Mar 2017)
- School for the Future of Innovation, Arizona State University (Nov 2016)
- The Center for Urban Science and Progress, New York University (Sep 2016)
- The Mercatus Center, George Mason University (Sep 2016)
- School of International and Public Affairs, Columbia University (Sep 2016)

“Why Are Some Countries Better at Science and Technology Than Others?”

- East-West Center, University of Hawaii (Dec 2014)
- Instituto de Ciencia Política, Pontificia Universidad Católica de Chile, Santiago Chile (Oct 2013)

John F. Kennedy School of Government, Harvard University (Dec 2012)
Edmund A. Walsh School of Foreign Service, Georgetown University (Dec 2012)
Institute for Global and International Studies, The George Washington University (Nov 2011)

“Does Culture Matter for National Innovation Rates?”

Instituto de Ciencia Política, Pontificia Universidad Católica de Chile, Santiago, Chile (Nov 2014)

Collegio Carlo Alberto, University of Torino, Turin, Italy (Oct 2012)

NSF-SciSIP Principal Investigators Conference, National Academy of the Sciences, Washington, DC (Sept 2012)

“Future Directions in Science, Technology and Environmental Policy Research: Reflections on Demand and Supply” Dupont Summit 2011, Carnegie Institution for Science, Washington, DC (Dec 2011)

“Towards an International Relations Theory of National Innovation Rates: Recent Evidence and New Hypotheses” Georgetown University International Theory and Research Seminar, Georgetown University (Sept 2011)

“Why Do Great Powers Give Up the Technological Frontier?” LBJ School of Public Affairs, University of Texas at Austin (Mar 2009)

“Economic Globalization: The Socio-Economics of the US Financial Crisis”. Georgia Tech, Diversity Forum. (Nov 2008)

“The Credit Crisis” Georgia Tech, School of Economics, ECON Club Public Forum (Oct 2008)

“Political Determinants of National Innovation Rates: Security v. Institutions” Georgia Tech, INTA Work in Progress Colloquia (Oct 2008)

“The Politics of Technological Change” MIT Political Science Work in Progress Colloquia (April 2005)

“Measures of National Scientific & Technological Capabilities: Applications for Weapons Proliferation Studies” Belfer Center for Science & International Affairs, Harvard University (Feb 2005)

“Technological Innovation in the European States” European University Institute, Florence, Italy (May 2004)

Awards:

- 2025 Faculty Excellence in Research Award (Awarded by the Ivan Allen College, Georgia Institute of Technology)
- 2024 Distinguished Teaching Award (Awarded by the Ivan Allen College, Georgia Institute of Technology)
- 2024 Innovation in Co-Curricular Education Award (Awarded by the Center for Teaching and Learning at Georgia Tech for the design and implementation of the GTDC Program)
- 2017 Don K. Price Award for Best Book in Science, Technology, and Environmental Politics (Awarded by the STEP Division of the APSA)
- 2008 Virginia M. Walsh Award for Best Dissertation in Science, Technology, and Environmental Politics (Awarded by the STEP Division of the APSA)
- MIT Graduate Student Council Teaching Award (Humanities, Arts, & Social Sciences) (2006)
- Graduate Fellowship, MIT Department of Political Science (1998-1999)
- Ryoichi Sasakawa Young Leaders Fellowship, Yale University (1993-1994)
- Onishi Iryo Foreign Student Scholarship (1992)
- Kansai Gaidai Merit Scholarship (1991-1992)

Research & Business Experience:

May 2001-
September 2001

Massachusetts Institute of Technology

Cambridge, Massachusetts
Research Assistant: Assisted Professor Scott Stern (MIT-Sloan School) in the econometric analysis of national patent, science labor, and economic data in order to estimate the parameters of the Romer model of endogenous growth (NBER Working Paper #7891).

August 1995-
August 1997

Price Waterhouse LLP

Toronto, Canada

Management Consultant: Researched and analyzed client's international economic situation, organizational behavior, global market position, and relevant government policies. Designed, constructed, and implemented technical solutions to business problems. Participated in strategic planning, and corporate reorganization. Wrote reports and proposals in support of business operations for use by colleagues, clients, and for general public dissemination.

Summer
1994

Department of Commerce, Technology Administration

Washington, D.C.

Research Intern: Conducted research, analyzed data, and wrote briefings concerning US-related R&D for the Assistant Secretary for Technology Policy. Initiated, designed, programmed, and assisted in the set-up of the Asian Technology Program's Internet electronic information dissemination project.

1987-1989

Lawrence-Berkeley Laboratory

Berkeley, California

Research Assistant: Conducted graduate level research on superconductors. Wrote scientific reports on research in progress including proposals for areas of further study, explanatory briefs for non-technical readers. Prepared various superconducting materials. Designed and constructed high-efficiency testing systems and devices. Tested samples and analyzed data for superconducting properties.

Community Involvement:

Jan 2023 – April 2023 Volunteer, Atlanta Mission (homeless shelters)
Aug 2003, Aug 2005 MIT Committee on Race Relations, *Freshman Orientation Diversity Facilitator*
Aug 1998 – June 2000 MIT Graduate Student Volunteer Corps, *Volunteer*
June 1996 – Dec. 1996 American Red Cross, *Volunteer (International Logistician; Damage Assessment Tech.)*
Jan. 1992 – May 1992 Onishi-Iryo Company (Osaka), *Intercultural Exchange*
Sept. 1991 – Jan 1992 Kansai Gaidai University Homestay Program, *Participant*
June 1990 – Mar. 1991 Highland General Hospital, *Volunteer*

Memberships:

American Association of Wine Economists
American Economic Association
American Political Science Association
International Studies Association
Midwest Political Science Association
Sloan Industry Studies Program, Alfred P. Sloan Foundation
Southern Political Science Association