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EDUCATION

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| Ph.D. | University of California, San Diego
Political Science |
| M.A. | University of California, San Diego
Political Science |
| M.S. | Columbia University
Enterprise Risk Management |
| B.A. | University of California, San Diego
Economics & Political Science, Honors |

ACADEMIC POSITIONS

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|------------|---|
| Current | George Blumenthal Professor of Political Economics and Professor of International and Public Affairs, Columbia University |
| 2002- 2005 | Professor of Political Science and International Affairs, Columbia University |
| 2003-2004 | Visiting Fellow, Russell Sage Foundation |
| 1997- 2002 | Associate Professor of Political Science and International Affairs, Columbia University |
| 2000 | Visiting Scholar, Hoover Institution, Stanford University |
| 1998-99 | Visiting Professor of Public Policy and Business
Graduate School of Business, Stanford University |
| 1997-98 | Robert Eckles Swain National Fellow, Hoover Institution, Stanford University |
| 1995-96 | Harvard Postdoctoral Fellows in Positive Political Economy |
| 1993-97 | Assistant Professor, Department of Political Science and
School of International and Public Affairs, Columbia University |
| 1990-93 | Social Science Research Council Fellow in Foreign Policy Studies
and Post Doctoral Fellow in Public Policy Center for Economic
Policy Research, Stanford University |

ADMINISTRATIVE POSITIONS

Special Advisor to Senior Executive Vice President

- Analyze university-wide strategic initiatives
- Evaluate risk mitigation methods and processes

Chief Academic Officer and Senior Vice Dean, School of Professional Studies

- Academic lead responsible for hiring and promotion of over 30 full time faculty and approximately 600 adjunct faculty.
- Academic lead responsible for 40 curricular programs, ranging from summer high school to full time Masters in Science programs.
- Academic lead for student integrity and life for 8,000 students full and part-time students.
- Academic lead for fostering research and collaborative innovation.
- Oversees an administrative team of 100 staff with 15 direct reports and a budget of over \$100 million.

Chair, University Senate

- Faculty head of the University Senate. Elected position from tenured faculty. By statute, part of the management of the University.
- Organizes over 100 faculty, students and staff to oversee and enact university-wide policies. Manage senate staff and annual budget.
- Works directly with president, provost and board of trustees.

Director, Data Analytics and Quantitively Analysis

- Matriculate over 370 students. Oversee curriculum, hiring of faculty, outreach and placement.

Board of Directors, Community Impact at Columbia University

- Co-chair, Resource Development Committee. Work with major donors, foundation, alumni and development staff to fundraise for program activities. Raised over \$3 million of \$5 million endowment goal.
- \$1.5 million annual budget; raised \$600K per year from direct fundraising.
- 900 student service interns partner with community based organizations to provide tutoring, mentoring, and after school and GED training to disadvantaged youths and young adults in the Harlem area.

PUBLICATIONS

Books (Peer Review)

- 2019 *After the Crash: Financial Crises and Regulatory Responses*. Co-edited. New York: Columbia University Press.
- 2006 *The Future of the Voting Rights Act*. Co-edited. New York: Russell Sage Foundation.
- 1999 *Delegating Powers: A Transaction Cost Politics Approach to Policy Making Under Separate Powers*. Co-authored. New York: Cambridge University Press.
- 1994 *Politics, Process and American Trade Policy*. Ann Arbor: University of Michigan Press.
- (IP) *The Political Economics of Financial Regulation, Manuscript, Columbia University*.
- (IP) *An Agenda for Trade Policy*. Co-edited. London: Edgar Publishers

Articles in Journals (Peer Review)

- 2021 Delegation and the Regulation of U.S. Financial Markets. Co-authored. *European Journal of Political Economy*, 102058.
- 2019 “La délégation du pouvoir règlementaire dans l’Union Européenne : un sujet technique aux conséquences très vastes” ” Co-authored. *Banque et Stratégie*.
- 2019 “An Artificial Intelligence Approach to Regulating Systemic Risk” Co-authored. *Frontiers in Artificial Intelligence*, 2:7.
- 2018 “Delegating Regulation: European Union and Financial Markets” Co-authored. *Annales Des Mines - Réalités Industrielles* Février, 4: 91-111.
- 2017 “Big Data and Graph Theoretic Models: Simulating the Impact of Collateralization on Financial System.” Co-authored. *ASONAM '17: Proceedings of the 2017 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining*, July 2017 Pages 1056–1064. <https://doi.org/10.1145/3110025.3120989>
- 2017 “Daisy Chains and Non-cleared OTC Derivatives.” Co-authored. *Banking & Financial Services Policy Report* 36 (2): 10-12.
- 2016 “Data Science and Political Economy: Application to Financial Regulatory Structure. Co-authored. *Journal of the Social Sciences* 2 (7).
- 2015 Big Data and the Regulation of Banking and Financial Services. Co-authored. *Banking & Financial Services Policy Report* 34 (12): 1-10.
- 2015 “Big Data and the Regulation of Financial Markets.” Co-authored. *ASONAM '15 Proceedings of the 2015 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining: 1118-1124*. ACM New York, NY, USA.

- 2012 “Minorities and Democratization.” Co-authored. *Economics and Politics*, 24: 259-278.
- 2008 “Does the New VRA Section 5 Overrule *Georgia v. Ashcroft*?” Co-authored. *NYU Annual Survey of American Law* 63:619: 631-59.
- 2008 “Delegation Games and Sovereignty in International Organizations.” Co-authored *Law & Contemporary Problems* 71; 77-92.
- 2007 “The Paradox of Retrogression in the New VRA: Comment on Persily.” Co-authored. *Yale Law Journal* 117, Pocket Part 10.
- 2007 “Estimating the Impact of Redistricting on Minority Substantive Representation” Co-authored. *Journal of Law, Economics & Organization*, 23: 499-518.
- 2006 “A Strategic Dominance Argument for Retaining Section 5 of the VRA.” Co-authored. *Election Law Journal* 5 (3): 283-292.
- 2006 “Democratic Transitions.” Co-authored. *American Journal of Political Science* 50 (July): 551–569.
- 2002 “Comitology’, Delegation and the Separation of Powers in the European Union.” Co-authored. *International Organization* 56 (summer): 551-574.
- 2001 “Legislative Organization under Separate Powers.” Co-authored. *Journal of Law, Economics & Organization* 17 (October): 373-396.
- 1999 “The Non-Delegation Doctrine and Separate Powers: A Political Science Approach.” Co-authored. *The Cardozo Law Review* 20 (January): 947-87.
- 1999 “A Social Science Approach to Race, Redistricting, and Representation.” Co-authored. *American Political Science Review* 93 (March): 187-91.
- 1999 “Measuring the Electoral and Policy Impact of Majority-Minority Voting Districts.” Co-authored. *American Journal of Political Science* 43 (April): 367-95.
- 1999 “Asymmetric Information, Delegation, and the Structure of Policy Making.” Co-authored. *Journal of Theoretical Politics* 11: 37-56.
- 1997 “A Comparative Approach to Legislative Organization: Careerism and Seniority in the United States and Japan.” Co-authored. *American Journal of Political Science* 41: 965-988.
- 1996 “Do Majority-Minority Districts Maximize Substantive Black Representation in Congress?” Co-authored. *American Political Science Review* 90: 794-812.
- 1996 “The Partisan Paradox and the U.S. Tariff, 1877 to 1934.” Co-authored. *International Organization* 50: 301-324.
- 1996 “Divided Government and the Design of Administrative Procedures: A Formal Model and Empirical Test.” Co-authored. *Journal of Politics* 58: 393-417.

- 1995 “A Theory of Strategic Oversight: Congress, Lobbyists, and the Bureaucracy.” Co-authored. *Journal of Law, Economics & Organization* **11**: 227-55.
- 1994 “Divided Government and U.S. Trade Policy.” Co-authored. *International Organization* **48**: 595-632.
- 1994 “Administrative Procedures, Information, and Agency Discretion.” Co-authored. *American Journal of Political Science* **38**: 697-722.

Articles in Edited Volumes (Peer Review)

- 2019 “Introduction: Overview of the Financial Crisis and its Impacts,” in *Ten Years After the Financial Crisis* Edited by Sharyn O'Halloran. New York: Columbia University.
- 2019 “Trends in Financial Market Regulation,” in *Ten Years After the Financial Crisis* Edited. New York: Columbia University.
- 2019 “Delegation and Administrative Lobbying in Rule-Making” Co-authored in *Ten Years After the Financial Crisis*. New York: Columbia University.
- 2019 “The Impact of Regulation on Systemic Risk,” in *Ten Years After the Financial Crisis*. New York: Columbia University.
- 2019 “A Data Science Approach to Predict the Impact of Collateralization on Systemic Risk.” in *Social Network Analysis Lecture Series*. Edited by Reda Alhajj. Co-authored. New York: Springer.
- 2016 “Computational Data Sciences and the Regulation of Banking and Financial Services.” in *Social Network Analysis Lecture Notes*. Edited by Reda Alhajj. Co-authored. New York: Springer.
- 2009 “Caucuses and Primaries under Proportional Representation,” in *The Political Economy of Democracy*. Edited by Enriqueta Aragonés, Carmen Bevia, Humberto Llavado, and Norman Schofield. Co-authored. Bilbao, Spain: Fundación BBVA.
- 2009 “Implementing the Agreement: Partisan Politics and WTO Dispute Settlement,” in *Frontiers of Economics and Globalization*. Edited by James Hartigan. Co-authored. New York: Elsevier Press.
- 2008 “Gerrymanders as Tradeoffs: The Co-Evolution of Social Scientific and Legal Approaches to Racial Redistricting,” In *Designing Democratic Government*. Edited by Margaret Levi, James Johnson, Jack Knight and Susan Stokes. Co-authored. New York: Russell Sage Foundation Press.
- 2008 “U.S. Implementation of WTO Decisions,” *The Tenth Anniversary of the WTO*. Edited by Merit Janow, Victoria Donaldson, and Alan Yanovich. Juris Publishing, Inc. Press.
- 2006 “Conditional Presidential Leadership: Pivotal Players, Gridlock, and Delegation,” in *Presidential Leadership: the Vortex of Power*, 4th edition.

- Edited by Bert Rockman and Richard W. Waterman. Co-authored. Los Angeles, CA: Roxbury Publishing Company.
- 2006 “Trends in Substantive and Descriptive Minority Representation, 1974–2000,” in *The Future of the Voting Rights Act*. Edited by Rodolfo de la Garza, Sharyn O’Halloran and Richard Pildes. Co-authored. New York: Russell Sage Foundation Press.
- 2006 “A Theory of Efficient Delegation,” in *Delegation in Contemporary Democracies*. Edited by Dietmar Braun and Fabrizio Gilardi. Co-authored. London: Routledge Press.
- 2001 “No Net Effect: Internet Voting and Youth Participation in the 2000 Democratic Primary.” Co-authored. *Pew Charitable Trusts Report*.
- 2000 “The Electoral Impact of Majority-Minority Districts,” in *Continuity and Change in House Elections*. Edited by David Brady, John Cogan, and Morris Fiorina. Co-authored. Stanford, CA: Stanford University Press.
- 2000 “The Institutional Face of Power: Congressional Delegation of Authority to the President,” in *Presidential Power: Forging the Presidency for the 21st Century*. Edited by Robert Shapiro, et. al. Co-authored. New York: Columbia University Press.
- 2000 “Rationality and International Political Economy,” in *The Encyclopedia of International Political Economy*. Edited by R.J.B. Jones. London: Routledge.
- 1999 “A New Comparative Political Institution Web Database.” Co-authored. *American Political Science Association—Comparative Politics Newsletter*, (summer).
- 1998 “Labor Interests and the Politics of American Trade Policy,” in *Exports, Imports and the American Worker*. Edited by Susan Collins. Washington, DC: Brookings Institute Press.
- 1997 “Comment on Social Regulations and International Trade,” in *Competitive Disadvantages? Domestic Social Regulations and the Global Economy*. Edited by Pietro Nivola. Washington, DC: Brookings Institute Press.
- 1993 “Congress and Foreign Trade Policy,” in *Congress Resurgent: Foreign and Defense Policy on Capitol Hill*. Edited by Randall Ripley and James Lindsay. Ann Arbor: University of Michigan Press.

Work in Progress

- “A Data Science Approach to Predict the Impact of Central Clearing on Systemic Risk” Co-authored. April 4, 2020 (Under Review).
- “Optimization Solutions^{SEP} in Initial Margin for Non-cleared OTC Derivatives. Co-authored. Columbia University, August 4, 2019.
- “Does Antitrust Policy Promote Market Innovation and Competitiveness? Co-authored, *Columbia University* December 9, 2018.

“Dividing Lines: Racial Redistricting and Substantive Representation.” Co-authored. (Russell Sage Foundation).

“Higher-Dimension Markov Models.” Co-authored. Paper presented at the Annual Political Methodology Meetings, Tallahassee, Florida.

“Modeling Madison: A Multiple Principals Model of Interest Group Competition.” Co-authored. Manuscript, Columbia University.

“Alternative Models of Binary-Time Series—Cross Section Models: The Case of State Failure.” Co-authored. Presented at the Political Methodology Conference, Emory University, Atlanta, Georgia.

Opinion Editorials & Comment Letters

2016 “Overzealous FinCen Needs More Oversight” *American Banker*, April 15, 2106.

2016 “Comment Letter Regarding, RIN: 1506-AB27 Imposition of Special Measure against FBME Bank Ltd., Formerly Known as the Federal Bank of the Middle East Ltd., as a Financial Institution of Primary Money Laundering Concern.” Submitted to U.S. Department of the Treasury, Financial Crimes Enforcement Network. January 26, 2016.

White Papers & Policy Briefs

2008 “The Bear Stearns Takover Game.” Co-authored. April 5, 2008.

2009 “Insuring Against Financial Katrinas: Systemic Risk as a Common Pool Problem,” March 15, 2009.

2009 “Financial Regulation: Lessons from the Past 50 Years.” Co-authored, April 21, 2009.

Patents, Electronic Resources and other Online Publications

FinTech Lab: Risk Dashboard & OpenSource Risk Engine:
<http://fintech.datascience.columbia.edu/>.

Method and apparatus for access, integration, and analysis of heterogeneous data sources via the manipulation of metadata objects (*US Patent 8171050 B2*)
<https://www.google.com/patents/US8171050>.

DataVine: *Cross-national, time series database for comparative institutional analysis.* <http://paradocs.pols.columbia.edu:8080/datavine/MainFrameSet.jsp>.

Weblog: *Reflective Pundit* <http://www.reflectivepundit.com>

“Bailout Vote Analysis: Theory.” *Reflective Pundit*, October 1, 2008.
<http://www.reflectivepundit.com/reflectivepundit/2008/10/bailout-vote-an.html>

“Bailout Vote Analysis: Empirics.” *Reflective Pundit*, September, 2008.
<http://www.reflectivepundit.com/reflectivepundit/2008/09/bailout-vote-an.html>

“The Senate Bailout Vote: Yawn!” *Reflective Pundit*, October 1, 2008.
<http://www.reflectivepundit.com/reflectivepundit/2008/10/the-senate-bail.html>

“Damage Control: Time to Rewrite the Playbook.” *Reflective Pundit*, February 8, 2009. <http://www.reflectivepundit.com/reflectivepundit/2009/02/damage-control-time-to-rewrite-the-playbook.html>

Administrative Reports (selected)

Fathom Report: *University Senate Task Force on Online and Digital Initiatives, April 2002*. http://senate.columbia.edu/archives/reports_archive/01-02/InterimReport41502.htm

Designated Suppliers Program. *University Senate External Relations, May 2, 2006*.
http://senate.columbia.edu/committees_dan/external/sweat06.htm.pdf

Manhattanville Report. *Campus Planning Task Force, June 7, 2010*.
http://senate.columbia.edu/archives/reports_archive/09-10/tfcp_report_6-7-10.pdf

Global Initiatives at Columbia University. *University Senate Task Force on Global Initiatives, January 28, 2013*.
http://senate.columbia.edu/archives/reports_archive/12-13/20121204_global_centers_report.pdf

Online Learning at Columbia University. *University Senate Task Force on Online Initiatives, June 9, 2014*.
http://senate.columbia.edu/archives/reports_archive/13-14/online_learning_report_20140609.pdf

ADMINISTRATIVE EXPERIENCE

University Senate

- 2014- Provosts Committee on Online Learning
- 2012- Presidential Advisory Committee on Sexual Assault
- 2010- Chair, Executive Committee—Manages Senate staff and leads over 100 faculty, students and administrators in enacting and overseeing university policy. Coordinates with the president, university trustees and provost on key policy issues including trustee selection, program approval, and new policy initiatives.
- 2007-10 Co-chair, Executive Committee.
- 2004- Chair, External Relations and Research Policy Committee—Oversees university’s relations with community groups and University research policies.
- 2004- Chair, Senate-Trustee Relations Committee—Manages ongoing relations between the University Senate and the Board of Trustees.

- 2003- Chair, Campus Planning Task Force—Oversees and advises the University’s expansion into Manhattanville, including both physical and academic planning.
- 2003- Member, Budget Review Committee—Oversight committee reviewing university-wide financial statements and strategic planning.
- 2002-05 Chair, Faculty Caucus—Sets priorities for the Senate agenda relevant to faculty issues and concerns.
- 2001-07 Chair, Online Learning and Digital Initiatives Committee—Monitors digital knowledge initiatives, oversee integration of academic and administrative computing.
- 2001-06 Member, Executive Committee—Sets the agenda for the University Senate.
- 2001 Member, Columbia University Presidential Search Committee
- 2000- Member, Physical Development Committee—Reviews the university’s large-scale capital projects.

Major Policy Initiatives

Faculty Quality of Life Survey

Conducted the first university-wide survey of faculty.

Online Learning Taskforce

Conducted a peer review study and survey of Columbia faculty, student and alumni on interest and demand for online learning. Provided a strategic report highlighting key challenges and opportunity areas for Columbia in the online learning space.

Global Initiatives Taskforce

Conducted and peer study research and conducted faculty, student and alumni survey on interest and use of global centers. Provided a strategic report highlighting key challenges and opportunity areas in Columbia global initiatives.

Rules of University Conduct

Managed and oversaw the legislative process to revise the Rules of University Conduct regarding protests on campus.

ROTC

Addressed issue of whether to allow ROTC back on campus. Organized Senate response several on campus forums and Senate legislation to bring ROTC back to campus.

Fringe Benefits

Co-chaired Health policy committee of university-wide committee. Worked with consultants and administrators to provide recommendations for the long-term sustainability of the university-wide fringe pool.

Conflict of Interest Policy

Worked with the Office of the General Counsel and the Office of Research Administration to revise Columbia's financial conflict of interest policies to harmonize standards across the university, balancing the interests of researchers, the university, and the public.

Manhattanville Campus Expansion

Provided testimony at public hearings, gave presentations to each of the schools and relevant departments about the proposed expansion, providing information to relevant student groups. Also prepared reports for the President and Trustees regarding long-term strategic concerns of the faculty, and developed a template for open dialog concerning physical and academic planning. Task force issued a report on academic planning and campus expansion.

Designated Suppliers Program (Anti-Sweatshop Proposal)

Negotiated with the students holding a sit-in in Low Library. Navigated student demands that we endorse the DSP without reservation. Wrote a report suggesting that the university agree to the DSP in principle and then join the DSP working group to fill in the details without exposing itself to anti-trust liability.

Sexual Misconduct

Senate revised university policies regarding sexual misconduct by 1) clarifying definitions, 2) streamlining the appeals process, and 3) making the adjudication process more transparent.

Fathom.com

Issued report evaluating the University's commitment to *Fathom.com*, an online learning venture, which ultimately led the Trustees to terminate the program.

Hate Crimes on Campus

Advocated a zero-tolerance policy under which all alleged hate crimes would be treated with a uniform process, including a rapid investigation and speedy determination of violations and penalties.

net Portal

Worked with the Senate's Student Caucus to help establish an online student community resource. With Columbia's information technology office, we incorporated many of the features of this system into the MyColumbia student portal.

Academic Freedom

In response to allegations that professors were not dealing equitably with the Israel-Palestinian issue, proposed grievance procedures to enable students to raise concerns in a neutral forum, while preserving the core values of academic freedom and open classroom discussion.

Minutemen Controversy

Addressed an event where students violently disrupted the speech of a controversial guest speaker from the Minutemen organization.

Advocated revamping the advising of student groups, and requiring a common application form for outside speakers.

Student Athletics

Active participant in the athletics program, working with the Athletics Director to increase the visibility of student athletes. In the capital campaign, suggested broadening the contribution base to include club as well as intercollegiate sports.

School of International and Public Affairs

- 2021 Chair, Lessons Learned Task Force: Assessing Online and Hyflex teaching modalities
- 2010-16 Committee on Appointments and Promotions. Oversees and reviews the hiring, promotion and review of all full-time faculty.
- 2010-13 Chair, Faculty Research Grants Committee. Selects and oversees the allocation of \$250,000 of research funds to SIPA faculty and affiliates.
- 2005- *Director, Advanced Policy Analysis and Applied Economics Program:* Oversee curriculum offerings, administer concentration budget, hire faculty and manage staff.
- 2004 *Chair, SIPA Planning Task Force:* Authored SIPA Vision Statement for use in major capital campaign.
- 2002- *Alumni Affairs:* Presentations to various alumni groups and Board of Advisors.
- 2001- *Director, Center on Political Economy and Comparative Institutional Analysis:* Interdisciplinary center focusing on political economy and the impact of political institutions and on economic performance and policy outcomes.
- 1997 *Chair, Statistics Task Force:* Wrote report reviewing all statistics courses at SIPA and compared them to offerings at peer institutions. The report was used to reorganize course priorities and as the basis for an external fundraising drive that resulted in the \$1 million Harvey Picker grant to support SIPA computing.

Political Science Department

- 2006- *Coordinator, Alumni Relations and Development.* Oversee fundraising and alumni outreach efforts. Host alumni panels and student networking events. Raised about \$250,000 during term.
- 2005- *Member, Earth Institute Fellowship Selection Committee.*
- 2002 *Advisor, Political Economy Undergraduate Major:* Coordinator and advisor for the undergraduate political economy major.
- 2000 *Chair, Dissertation Review Committee.*
- 1997 *Chair, Political Science Computing:* Evaluated Political Science Department computing needs, especially with regard to networking department computers and installing shared software and data sets.
- 1995- *Organizer, Political Economy Seminar:* Coordinated a weekly workshop of invited speakers in politics, law, economics, and business, which is now associated with a colloquium on political economics. Papers are distributed nationally via the Web.
- Various years—*Faculty Hiring Committees:* Served on various faculty-hiring committees in the Department of Political Science and the School of International and Public Affairs.
- Various years—*Graduate Student Admissions:* Political Science department committee to admit potential graduate students into the program and determine fellowship recipients.
- Various years—*Graduate Advising:* Ph.D. dissertation advisor and advisor to SIPA master's students.

University-wide

- Current—*Data Science Institute Task Force.* Member of President's advisory committee to reinvision data analytics and computational analysis for the 21st Century University.
- Current—*Presidential Advisory Committee on Sexual Assault*
- Current—Shared Research Computing Policy Advisory Committee
- Current—Executive Committee Member, Institute for Social and Economic Research and Policy
- 2004—*Associate Director, Applied Statistics Center.* Multimillion-dollar interdisciplinary research center. Oversee grant writing, hiring post-docs and managing relations with other university-wide partners.

Service to Profession

- 2020 *Panel Reviewer, Canada Excellence Research Chairs*
- 1999 *Chair, Political Economy Section, American Political Science Association*

Reviewer

American Journal of Political
Science
American Political Science Review
American Politics Quarterly
Cambridge University Press
Economics and Politics
Legislative Studies Quarterly

International Organization
International Studies Quarterly
Journal of Law, Economics &
Organization
Western Political Science Quarterly
Princeton University Press
Macmillan Publishers

Advisory Boards

Community Impact at Columbia University, Board of Directors
The 125th Street Rezoning Advisory Board, New York City Department of City Planning
National Planning and Consulting Corporation, Congressional Database

Editorial Boards

2003- Member, *Journal of International Affairs*
2020- Associate Editor, *Social Network Analysis and Mining (SNAM)*

RESEARCH INTERESTS

Financial Regulation and Risk Analytics: The political economics of financial market regulation. Application of data science methods and observational data metrics to develop measures of regulatory structure. Develops risk models with data visualization tools, to link the impact of regulatory interventions on financial sector performance. See: <http://fintech.datascience.columbia.edu>

Antitrust and Market Competitiveness—Large-scale data collection project linking trends of the structurally and policy features of 120 countries' competition laws to market indicators, such as innovation, competitiveness, equality and efficiency.

U.S. Trade Policy and Financial Regulation: The political economy of U.S. trade policy, the politics of fast track, market entry, trade and the environment, trade and labor, regional trading blocks, the World Trade Organization. Financial regulation, capital markets and reform.

Political Institutions and Public Policy: Legislative-executive relations, regulatory structure, delegation and oversight, comparative institutional analysis, the design of hierarchical organizations in firms and in government.

Methodology: Limited dependent variable time series analysis, hierarchical cluster models, game theory, testing formal models.

Electoral Politics: Redistricting, gerrymandering at the national and state levels, majority-minority voting districts and substantive representation.

Globalization and International Law: Regulation and economic growth, firm competitiveness, corruption, political institutions, democratization, and economic performance.

TEACHING EXPERIENCE

Globalization & U.S. International Economic Policy. Course examines the impact of globalization on firms, governments and international organizations. Designed for Stanford MBA students and International Studies master students.

Econometrics II: A second semester course taught to sustainable development PhD students in the School of International and Public Affairs.

Statistics and Quantitative Analysis. Statistical methods for professional students in the School of International and Public Affairs, Columbia University.

Political Economy. Senior Research Seminar for undergraduate Political Economy majors.

American Politics: Congress. Undergraduate junior seminar on American political institutions. This course examines the interactions between individual incentives and political institutions in shaping public policy.

Foundations of Institutional Analysis. Congress: Foundations of Institutional Analysis. Seminar on American political institutions and public policy, focusing on legislative organization, bureaucratic structure, and their impact on public policy, Department of Political Science, Columbia University.

Public Policy Senior Seminar. Research and design course for seniors in the Public Policy Program, Stanford University.

Race, Redistricting and Representation. Explores the origins and consequences of the current U.S. legal standards regarding districting and minority representation. Public Policy, Stanford University.

Capstone Projects. (Various) Working with an external client and a team of six to eight students, undertake a comprehensive detail analysis and deliverable report on an in-depth substantive issue.

GOVERNMENT RELATIONS

2017 *Office of Financial Research, United States Treasury.* Opens Source Risk Engine and Systemic Risk

2015 *Office of Financial Research, United States Treasury.* NLP algorithms that automatically code and score financial regulation laws to predict their impact of financial market performance.

2006 *SIPA Policy Workshops.* Organized a series of workshops in conjunction with the Manhattan Borough President's office and other local and state agencies.

2005 *The 125th Street Rezoning Advisory Board.* Appointed to the Advisory Board of a large-scale project headed by the New York City Department of City Planning to rezone Harlem's 125th Street corridor.

2003 *South Carolina and Georgia State Redistricting Cases.* Provided assessment of proposed redistricting plans. Successfully upheld by the Supreme Court in the *Georgia v. Ashcroft* case.

- 2001 *World Bank, International Finance Group.* Conducted research project on the impact of trade and political institutions on economic growth.
- 2000 World Bank, Regulation and Competition Policy Group. Consultant on project to collect and analyze data on trade openness, international organizations and their impact on democratic transitions.
- 1997 North American Trade Automation Project (NATAP). Designed a study in conjuncture with Booz-Allen to evaluate the impact of NATAP on trade policy and global competitiveness through state-of-the-art analysis of trade data.
- 1996 South Carolina State Redistricting Case. Drafted brief on the impact of the 1994 redistricting on the South Carolina State House and Senate.
- 1996 Brookings Institution. Conferences on trade and labor and trade and the environment.
- 1993 *Mexican Department of Commerce, International Trade Division (SECOFI).* Advised Mexican officials on possible responses to a U.S. court ruling that required an environmental impact statement prior to the enactment of NAFTA.
- 1992 *Mexican Department of Commerce, International Trade Division (SECOFI).* The politics of “Fast Track” authority with applications to U.S.-Mexico trade.
- 1991 *California Institute of Public Affairs.* Round Table of union leaders, state government officials, environmentalists and policy expert concerning U.S.-Mexico Free Trade Agreement and the environment.
- 1991 *Mexican Department of Agriculture.* The application of the U.S.-Canada binational dispute settlement panels to a North American Free Trade Agreement.

GRANTS AND AWARDS

- 2021 ISERP Conference Grant—An Agenda for Trade Policy
- 2017 ISERP Conference Grant—After the Crash: Government Responses and Financial Regulation
- 2017 Alliance Grant
- 2016 Cyber Security Grant, US Army WestPoint
- 2015 Global Policy Initiative Grant
- 2012 ISERP Faculty Research Grant
- 2009 Top One Hundred Irish Educators
- 2007 Russell Sage Foundation Politics of Inequality Grant
- 2005 American Political Science Association, Decade of Behavioral Research Award
- 2005 Russell Sage Presidential Research Grant
- 2004 Leitner Research Fund Distinguished Faculty Grant
- 2003 Russell Sage Visiting Scholars Fellowship
- 2002 Carnegie Foundation Scholars Award
- 2001 Carnegie Foundation Grant
- 2000-01 Pew Charitable Trusts Research Grant
- 1999-01 National Science Foundation Research Grant
- 1999-00 John M. Olin Research Fellowship

- 1998-9 Bechtel Initiative on Global Growth and Change
- 1999 World Bank Research Grant
- 1998 Center for International Business Education Research Grant
- 1998 Harvard Center for International Development Research Grant
- 1997-8 National Fellow Hoover Institution, Stanford University
- 1997-8 Dirksen Congressional Research Grant
- 1996 Harvey Picker Development Grant for computer infrastructure
- 1996 Center for International Business Education Research Grant
- 1995-7 National Science Foundation Research Grant
- 1995-6 Harvard-MIT Research Training Grant in Positive Political Economy
- 1995-6 Hoover National Fellow (Declined)
- 1994-6 Columbia University, Faculty Research Fellowship
- 1993 Faculty Research Gift—INDEECO
- 1993 Center for International Business Education Research Grant
- 1991-2 Social Science Research Council Fellowship in Foreign Policy Studies
- 1989-90 National Science Foundation, Doctoral Dissertation Grant
- 1988 Tinker Foundation Grant, Field Research Brazil
- 1986-87 Latin American Language and Area Fellowship, Department of Education Title VI Grant, Intensive Language & Area Studies Program, Brazil

SELECTED CONFERENCES AND PRESENTATIONS

- 2019 *Mexico City, Mexico*, CIDE, “Recent Development in U.S. Policy”
- 2017 *Sydney Australia*, IEEE Foundations and Applications of Big Data Symposium
- 2017 *Paris, France*, Finance Regulation and Public Authority, LaBex ReFi and Paris I
- 2017 *Paris, France*, Anti-Trust and Competition Policy
- 2017 *London, England*, The future of BREXIT
- 2016 *Dublin, Ireland*, European Financial Forum
- 2015 *Toulouse, France*, Innovation and Market Competition
- 2015 *Brussels Belgium*, European Commission, Director General of Competition Policy
- 2015 *Paris, France*, IEEE, Foundations and Applications of Big Data Symposium
- 2014 *Paris, France*, Moral Hazard and Financial Regulation
- 2011 *Dublin, Ireland*, European Political Science Association
- 2011 *New Delhi, India*, Centre for Competition, Investment and Economic Regulation
- 2011 *San Francisco*, Law and Society Association
- 2009 *Istanbul, Turkey*, IMF-World Bank Annual Meetings, Presentation on Financial Crisis
- 2009 *Beijing, China*, Institute of International Finance
- 2008 *Barcelona, Spain*, Conference on Political Economy and Elections
- 2007 *Istanbul, Turkey*, Democracy and International Security
- 2006 *Princeton University*: International Political Economy State of the Field Conference
- 2006 *Columbia University*: Conference on the World Trade Organization at 10
- 2006 *University of Utah*: Siciliano Forum Conference on the Voting Rights Act
- 2006 *Philadelphia*: American Political Science Association Annual Meetings
- 2006 *Fukuoka, Japan*: International Political Science Association Tri-Annual Meetings
- 2006 *Chicago*: Midwest Political Science Association Annual Meetings

- 2006 *Duke University Law School: Conference on Delegating International Sovereignty*
- 2006 *London School of Economics: SIPA-LSE Scholars Exchange Program*
- 2003 *Edinburgh: Annual Meeting of the European Consortium for Political Research*
- 2002 *European University Institute, Florence: Conference on New Perspectives on Delegation in Politics*
- 2000 *Sardinia, Italy: Society of Economic Dynamics Invited Presentation*

RECENT MEDIA APPEARANCES (SELECTED)

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|---|---|
| <ul style="list-style-type: none"> PBS, NewsHour Wall Street Journal, Japan BBC World News CNN Lou Dobbs NPR All Things Considered ABC Election Coverage Wall Street Journal Election Coverage <i>Forbes Magazine</i> Sky News New York 1 – The Call <i>New York Times</i> Daily Show | <ul style="list-style-type: none"> <i>Financial Times</i> US State Department– Foreign Press Service US State Department Briefing – Financial Crisis and Impact on Democracy Congressional Briefing on 2006 Renewal of Voting Rights Act Squawk Box World Focus Bloomberg <i>Congressional Quarterly</i> <i>National Journal</i> <i>Roll Call</i> |
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