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EDUCATION

Ph.D. University of California, San Diego
Political Science, 1991

M.A. University of California, San Diego
Political Science, 1988

B.A. University of California, San Diego
Economics & Political Science, Honors, 1985

M.S. Columbia University
Enterprise Risk Management
Expected, 2020

ACADEMIC POSITIONS

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

Chief Academic Officer and Senior Vice Dean, School of Professional Studies, 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, Advanced Policy and Economics Analysis Program

- Matriculate over 100 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

- | | |
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| 2018 | <i>Ten Years After the Financial Crisis.</i> Editor. New York: Columbia University Press. Under Contract |
| 2006 | <i>The Future of the Voting Rights Act.</i> Co-edited with David Epstein, Rodolfo de la Garza and Richard Pildes. New York: Russell Sage Foundation. |
| 1999 | <i>Delegating Powers: A Transaction Cost Politics Approach to Policy Making Under Separate Powers.</i> Co-authored with David Epstein. New York: Cambridge University Press. |

- 1994 *Politics, Process and American Trade Policy*. Ann Arbor: University of Michigan Press.
 (IP) *Financial Regulation: The Political Economy of Government, Business and Law*.

Articles in Journals

- 2018 “Delegation and Administrative Lobbying in Rule-Making” Co-authored with Thomas Groll. *Journal of Accounting, Economics and Law* Forthcoming.
- 2017 “Big Data and Graph Theoretic Models: Simulating the Impact of Collateralization on Financial System.” Co-authored with Nikolai Nowaczyk, Donal Gallagher. *Proceedings of the 2017 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining 2017, ASONAM '17*, p. 1056-1064. ACM New York, NY, USA, 2017.
- 2017 “Daisy Chains and Non-cleared OTC Derivatives.” Co-authored with Donal Gallagher, Roland Lichters, and Roland Stamm. *Banking & Financial Services Policy Report* 36 (2): 10-12.
- 2016 “Data Science and Political Economy: Application to Financial Regulatory Structure. Co-authored with Sameer Maskey, Geraldine McAllister, David Park, and Kaiping Chen. *Journal of the Social Sciences* 2 (7).
- 2015 Big Data and the Regulation of Banking and Financial Services. Co-authored with Thomas Groll, Sameer Maskey, Geraldine McAllister, and David Park. *Banking & Financial Services Policy Report* 34 (12): 1-10.
- 2015 “Big Data and the Regulation of Financial Markets.” Co-authored with Sameer Maskey, Geraldine McAllister, David Park, and Kaiping Chen. *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 with Bahar Leventoglu and David Epstein. *Economics and Politics*, 24: 259-278.
- 2008 “Does the New VRA Section 5 Overrule *Georgia v. Ashcroft*?” Co-authored with David Epstein. *NYU Annual Survey of American Law* 63:619: 631-59.
- 2008 “Delegation Games and Sovereignty in International Organizations.” Co-authored with David Epstein. *Law & Contemporary Problems* 71; 77-92.
- 2007 “The Paradox of Retrogression in the New VRA: Comment on Persily.” Co-authored with David Epstein. *Yale Law Journal* 117, Pocket Part 10.
- 2007 “Estimating the Impact of Redistricting on Minority Substantive Representation” Co-authored with David Epstein, Michael Herron, and David Park. *Journal of Law, Economics & Organization*, 23: 499-518.
- 2006 “A Strategic Dominance Argument for Retaining Section 5 of the VRA.” Co-authored with David Epstein. *Election Law Journal* 5 (3): 283-292.

- 2006 “Democratic Transitions.” Co-authored with David Epstein, Robert Bates, Jack Goldstone, and Ida Kristensen. *American Journal of Political Science* **50** (July): 551–569.
- 2002 “‘Comitology’, Delegation and the Separation of Powers in the European Union.” Co-authored with Alexander Ballmann and David Epstein. *International Organization* **56** (summer): 551-574.
- 2001 “Legislative Organization under Separate Powers.” Co-authored with David Epstein. *Journal of Law, Economics & Organization* **17** (October): 373-396.
- 1999 “The Non-Delegation Doctrine and Separate Powers: A Political Science Approach.” Co-authored with David Epstein. *The Cardozo Law Review* **20** (January): 947-87.
- 1999 “A Social Science Approach to Race, Redistricting, and Representation.” Co-authored with David Epstein. *American Political Science Review* **93** (March): 187-91.
- 1999 “Measuring the Electoral and Policy Impact of Majority-Minority Voting Districts.” Co-authored with David Epstein. *American Journal of Political Science* **43** (April): 367-95.
- 1999 “Asymmetric Information, Delegation, and the Structure of Policy Making.” Co-authored with David Epstein. *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 with David Epstein, David Brady and Sadafumi Kawato. *American Journal of Political Science* **41**: 965-988.
- 1996 “Do Majority-Minority Districts Maximize Substantive Black Representation in Congress?” Co-authored with Charles Cameron and David Epstein. *American Political Science Review* **90**: 794-812.
- 1996 “The Partisan Paradox and the U.S. Tariff, 1877 to 1934.” Co-authored with David Epstein. *International Organization* **50**: 301-324.
- 1996 “Divided Government and the Design of Administrative Procedures: A Formal Model and Empirical Test.” Co-authored with David Epstein. *Journal of Politics* **58**: 393-417.
- 1995 “A Theory of Strategic Oversight: Congress, Lobbyists, and the Bureaucracy.” Co-authored with David Epstein. *Journal of Law, Economics & Organization* **11**: 227-55.
- 1994 “Divided Government and U.S. Trade Policy.” Co-authored with Susanne Lohmann. *International Organization* **48**: 595-632.
- 1994 “Administrative Procedures, Information, and Agency Discretion.” Co-authored with David Epstein. *American Journal of Political Science* **38**: 697-722.

Articles in Edited Volumes (Peer Review)

- 2018 (IP) “Introduction: Overview of the Financial Crisis and its Impacts,” in *Ten Years After the Financial Crisis* Edited by Sharyn O'Halloran and Thomas Groll. New York: Columbia University.

- 2018 (IP) "Trends in Financial Market Regulation," in *Ten Years After the Financial Crisis* Edited by Sharyn O'Halloran and Thomas Groll. New York: Columbia University.
- 2018 (IP) "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 with Nikolai Nowaczyk and Donal Gallagher. 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 with Marion Dumas, Sameer Maskey, Geraldine McAllister, and David Park. New York: Springer.
- 2009 "Caucuses and Primaries under Proportional Representation," in *The Political Economy of Democracy*. Edited by Enriqueta Aragones, Carmen Bevia, Humberto Llavado, and Norman Schofield. Co-authored with Massimo Morelli and David Epstein. 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 with David Epstein, and Amy Winsted. 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 with David Epstein. 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 with David Epstein and Ida Kristensen. 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 David Epstein, Rodolfo de la Garza, Sharyn O'Halloran and Richard Pildes. Co-authored with David Epstein. 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 with David Epstein. London: Routledge Press.
- 2001 "No Net Effect: Internet Voting and Youth Participation in the 2000 Democratic Primary." Co-authored with David Epstein and Noah Kaplan. *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 with David Epstein. 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 with David Epstein. 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 with David Epstein. *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

- "Delegation and the Regulation of Financial Markets" co-authored with Thomas Groll and Geraldine McAllister, Columbia University December 15, 2016. (Revise & Resubmit)
- "Optimization Solutions in Initial Margin for Non-cleared OTC Derivatives. Co-authored with Donal Gallagher, Roland Lichters, and Roland Stamm. Columbia University, August 4, 2016.
- "Does Antitrust Policy Promote Market Innovation and Competitiveness? Anu Bradford, Sharyn O'Halloran, Nathaniel Sokol *Columbia University* December 9, 2016.
- "Delegation and the Regulation of Finance in the United States Since 1950" co-authored with Geraldine McAllister, Columbia University.
- "Dividing Lines: Racial Redistricting and Substantive Representation." Co-authored with David Epstein. (Russell Sage Foundation).
- "Higher-Dimension Markov Models." Co-authored with David Epstein. Paper presented at the Annual Political Methodology Meetings, Tallahassee, Florida.
- "Modeling Madison: A Multiple Principals Model of Interest Group Competition." Co-authored with David Epstein. Manuscript, Columbia University.
- "Alternative Models of Binary-Time Series—Cross Section Models: The Case of State Failure." Co-authored with Neal Beck, David Epstein and Simon Jackman. 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 Takeover Game.” Co-authored with David Epstein. 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 with David Epstein and Geraldine McAllister, April 21, 2009.

Patents, Electronic Resources and other Online Publications

FinTech Lab: Risk Dashboard & OpenSource Risk Engine: www.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. See <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

School of Professional Studies

Current-Chief Academic Officers and Senior Vice Dean. Oversee the academic mission, standards, and long-term development of 40 full-time faculty, 600 part-time faculty and over 8,000 students. COA is responsible for the research, academic, student and curriculum life of the school.

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 forced 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:

- 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 masters 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*
- 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:

- 1999 *Chair, Political Economy Section, American Political Science Association*

Reviewer

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| American Journal of Political Science | International Studies Quarterly |
| American Political Science Review | Journal of Law, Economics & Organization |
| American Politics Quarterly | Western Political Science Quarterly |
| Cambridge University Press | Princeton University Press |
| Economics and Politics | Macmillan Publishers |
| Legislative Studies Quarterly | |
| International Organization | |

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
Journal of International Affairs

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.

GRANTS AND AWARDS

2017 ISERP Conference Grant
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

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.

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 experts 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.

SELECTED CONFERENCES AND PRESENTATIONS

- 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)

Wall Street Journal, Japan	US State Department– Foreign Press Service
BBC World News	US State Department Briefing – Financial Crisis and Impact on Democracy
CNN Lou Dobbs	Congressional Briefing on 2006 Renewal of Voting Rights Act
NPR All Things Considered	Squawk Box
ABC Election Coverage	World Focus
Wall Street Journal Election Coverage	Bloomberg
Forbes Magazine	Congressional Quarterly
Sky News	National Journal
New York 1 – The Call	Roll Call
New York Times	
Daily Show	
Financial Times	