

# James H. Fowler

Department of Political Science 0521  
University of California, San Diego  
9500 Gilman Drive, La Jolla, CA 92093-0521

Social Sciences Building 392  
[james-fowler@ucsd.edu](mailto:james-fowler@ucsd.edu)  
<http://fowler.ucsd.edu>

## Academic Positions

### *University of California, San Diego*

Professor, Medical Genetics Division, Department of Medicine, School of Medicine (2010–)  
Professor, Political Science Department, Division of Social Sciences (2010–)  
Professor (Adjunct), Department of Family & Preventive Medicine, School of Medicine (2010–)  
Associate Professor, Political Science Department, Division of Social Sciences (2006–2010)

### *University of California, Davis*

Assistant Professor, Political Science Department, Division of Social Sciences (2003–2006)

## Academic Affiliations

Member, Center for Academic Research and Training in Anthropogeny (2011–)  
Faculty Research Associate, Laboratory on International Law and Regulation (2010–)  
Affiliate, Center for Wireless and Population Health Systems, *CALIT*<sup>2</sup> (2009–)

## Education

### *Harvard University*

Ph.D., Government (2003); M.A., Government (2001); B.A., *cum laude* (1992)

### *Yale University*

M.A., International Relations (1997)

## Books

1. *Connected: The Surprising Power of Our Social Networks and How They Shape Our Lives*  
(with Nicholas A. Christakis)  
Little, Brown, and Company (hardcover 28 September 2009) + 20 other publishers:  
Simon & Schuster (Audio Book); Harper Collins (United Kingdom); S. Fischer Verlag (German); Uitgeverij Balans (Dutch); Editorial Taurus (Spanish); Campus (Portuguese - Brazil); Algoritam (Croatian); Curtea Veche (Romanian); Typotex (Hungarian); SAW Smak Slowa (Polish); Matar Publishing (Hebrew); Renmin University Press (Chinese); Gimm-Young (Korean); Kodansha (Japanese); Natur Och Kultur (Swedish); Katoptro (Greek); PT Gramedia (Indonesian); Bold Ideas Publishing (Thai); Alipina (Russian); Varlik (Turkish)
2. *Mandates, Parties, and Voters: How Elections Shape the Future*  
(with Oleg Smirnov)  
Temple University Press (January 2007)

### Journal Articles

1. Aspirin Use and Cardiovascular Events in Social Networks  
(with Kate W. Strully, Joanne Murabito, Emelia J. Benjamin, Daniel Levy, Nicholas A. Christakis)  
*Social Science & Medicine*, forthcoming
2. Modeling Dynamical Influence in Human Interaction  
(with Wei Pan, Wen Dong, Manuel Cebrian, Taemie Kim, Alex (Sandy) Pentland)  
*IEEE Signal Processing Magazine*, forthcoming
3. Social Networks and Cooperation in Hunter-Gatherers  
(with Coren Apicella, Frank W. Marlowe, Nicholas A. Christakis)  
*Nature* 477: 497–501 (26 January 2012)
4. The Evolution of Overconfidence  
(with Dominic D. P. Johnson)  
*Nature* 477: 317–320 (15 September 2011)
5. Molecular Genetics and Economics  
(with Jonathan P. Beauchamp, David Cesarini, Magnus Johannesson, Matthijs J. H. M. van der Loos, Philipp D. Koellinger, Patrick J. F. Groenen, J. Niels Rosenquist, A. Roy Thurik, Nicholas A. Christakis)  
*Journal of Economic Perspectives* 25 (4): 1–27 (Fall 2011)
6. Social Preferences and Political Participation  
(with Christopher T. Dawes, Peter J. Loewen)  
*Journal of Politics* 73 (3): 845–856 (July 2011)
7. Contagion in Prescribing Behavior Among Networks of Doctors  
(with Nicholas A. Christakis)  
*Marketing Science* 30 (2): 213–216 (March–April 2011)
8. Social Network Determinants of Depression  
(with J. Niels Rosenquist, Nicholas A. Christakis)  
*Molecular Psychiatry* 16 (3): 273–281 (March 2011)
9. Causality in Political Networks  
(with Michael T. Heaney, David W. Nickerson, John F. Padgett, Betsy Sinclair)  
*American Politics Research* 39 (2): 437–480 (March 2011)
10. Correlated Genotypes in Friendship Networks  
(with Jaime E. Settle, Nicholas A. Christakis)  
*Proceedings of the National Academy of Sciences* 108 (5): 1993–1997 (1 February 2011)
11. Distance Measures for Dynamic Citation Networks  
(with Michael J. Bommarito II, Daniel Martin Katz, Jon Zelner)  
*Physica A* 389 (19): 4201–4208 (1 October 2010)
12. Friendships Moderate an Association Between a Dopamine Gene Variant and Political Ideology  
(with Jaime E. Settle, Christopher T. Dawes, Nicholas A. Christakis)  
*Journal of Politics* 72 (4): 1189–1198 (October 2010)
13. Social Network Sensors for Early Detection of Contagious Outbreaks  
(with Nicholas A. Christakis)  
*PLoS ONE* 5 (9): e12948 (September 2010)

14. The Behavioral Logic of Collective Action: Partisans Cooperate & Punish More Than Non-Partisans  
(with Oleg Smirnov, Christopher T. Dawes, Tim Johnson, Richard McElreath)  
*Political Psychology* 31 (4): 595–616 (August 2010)
15. The Spread of Alcohol Consumption Behavior in a Large Social Network  
(with J. Niels Rosenquist, Joanne Murabito, Nicholas A. Christakis)  
*Annals of Internal Medicine* 152 (7): 426–433 (6 April 2010)
16. Cooperative Behavior Cascades in Human Social Networks  
(with Nicholas A. Christakis)  
*Proceedings of the National Academy of Sciences* 107 (12): 5334–5338 (23 March 2010)
17. The Spread of Sleep Loss Influences Drug Use in Adolescent Social Networks  
(with Sara C. Mednick, Nicholas A. Christakis)  
*PLoS ONE* 5 (3): e9775 (March 2010)
18. Legislative Success in a Small World: Social Network Analysis and the Dynamics of Congressional Legislation  
(with Wendy K. Tam Cho)  
*Journal of Politics* 72 (1): 124–135 (January 2010)
19. Alone in the Crowd: The Structure and Spread of Loneliness in a Large Social Network  
(with John T. Cacioppo, Nicholas A. Christakis)  
*Journal of Personality and Social Psychology* 97 (6): 977–991 (December 2009)
20. The Heritability of Partisan Attachment  
(with Jaime E. Settle and Christopher T. Dawes)  
*Political Research Quarterly* 62 (3): 601–613 (September 2009)
21. Partisanship, Voting, and the Dopamine D2 Receptor Gene  
(with Christopher T. Dawes)  
*Journal of Politics* 71 (3): 1157–1171 (July 2009)
22. The Role of Egalitarian Motives in Altruistic Punishment  
(with Tim Johnson, Christopher T. Dawes, Richard McElreath, Oleg Smirnov)  
*Economics Letters* 102 (3): 192–194 (March 2009)
23. Model of Genetic Variation in Human Social Networks  
(with Christopher T. Dawes and Nicholas A. Christakis)  
*Proceedings of the National Academy of Sciences* 106 (6): 1720–1724 (10 February 2009)
24. Computational Social Science  
(with David Lazer, Alex (Sandy) Pentland, Lada Adamic, Sinan Aral, Albert-László Barabási, Devon Brewer, Nicholas Christakis, Noshir Contractor, Myron Gutmann, Tony Jebara, Gary King, Michael Macy, Deb Roy, Marshall Van Alstyne)  
*Science* 323 (5919): 721–723 (6 February 2009)
25. Social Network Visualization in Epidemiology  
(with Nicholas A. Christakis)  
*Norwegian Journal of Epidemiology* 19 (1): 5–16 (2009)
26. Dynamic Spread of Happiness in a Large Social Network:  
Longitudinal Analysis Over 20 Years in the Framingham Heart Study  
(with Nicholas A. Christakis)  
*British Medical Journal* 337: a2338; doi:10.1136/bmj.a2338 (4 December 2008)

27. Biology, Politics, and the Emerging Science of Human Nature  
(with Darren Schreiber)  
*Science* 322 (5903): 912–914 (7 November 2008)
28. Estimating Peer Effects on Health in Social Networks  
(with Nicholas A. Christakis)  
*Journal of Health Economics* 27 (5): 1400–1405 (September 2008)
29. Two Genes Predict Voter Turnout  
(with Christopher T. Dawes)  
*Journal of Politics* 70 (3): 579–594 (July 2008)
30. The Colbert Bump in Campaign Donations: More Truthful Than Truthy  
*PS: Political Science & Politics* 41 (2): 533–539 (July 2008)
31. The Collective Dynamics of Smoking in a Large Social Network  
(with Nicholas A. Christakis)  
*New England Journal of Medicine* 358 (21): 2249–58 (22 May 2008)
32. Genetic Variation in Political Participation  
(with Laura A. Baker, Christopher T. Dawes)  
*American Political Science Review* 102 (2): 233–248 (May 2008)
33. On the Evolutionary Origin of Prospect Theory Preferences  
(with Rose McDermott, Oleg Smirnov)  
*Journal of Politics* 70 (2): 335–350 (April 2008)
34. Heritability of Cooperative Behavior in the Trust Game  
(with David Cesarini, Christopher T. Dawes, Magnus Johannesson, Paul Lichtenstein, Björn Wallace)  
*Proceedings of the National Academy of Sciences* 105 (10): 3721–3726 (11 March 2008)
35. Community Structure in Congressional Networks  
(with Yan Zhang, A.J. Friend, Amanda L. Traud, Mason A. Porter, Peter J. Mucha)  
*Physica A* 387 (7): 1705–1712 (1 March 2008)
36. A Tournament of Party Decision Rules  
(with Michael Laver)  
*Journal of Conflict Resolution* 52 (1): 68–92 (February 2008)
37. The Authority of Supreme Court Precedent  
(with Sangick Jeon)  
*Social Networks* 30 (1): 16–30 (January 2008)
38. Social Networks in Political Science: Department Attractiveness and Ph.D. Placement  
(with Bernard N. Grofman, Natalie Masuoka)  
*PS: Political Science & Politics* 40 (4): 729–739 (October 2007)
39. Does Self-Citation Pay?  
(with Dag W. Aksnes)  
*Scientometrics* 72 (3): 427–437 (September 2007)
40. Beyond the Self: Altruism, Social Identity, and Political Participation  
(with Cindy D. Kam)  
*Journal of Politics* 69 (3): 813–827 (August 2007)

41. The Spread of Obesity in a Large Social Network Over 32 Years  
(with Nicholas A. Christakis)  
*New England Journal of Medicine* 357 (4): 370–379 (26 July 2007)
42. Network Analysis & the Law: Measuring the Legal Importance of Supreme Court Precedents  
(with Timothy R. Johnson, James F. Spriggs II, Sangick Jeon, Paul J. Wahlbeck)  
*Political Analysis* 15 (3): 324–346 (July 2007)
43. Egalitarian Motives in Humans  
(with Christopher T. Dawes, Richard McElreath, Oleg Smirnov, Tim Johnson)  
*Nature* 446: 794–796 (12 April 2007)
44. Moving with the Mandate: Policy-Motivated Parties in Dynamic Political Competition  
(with Oleg Smirnov)  
*Journal of Theoretical Politics* 19 (1): 9–31 (January 2007)
45. The Southern California Twin Register at the University of Southern California: II  
(with Laura A. Baker, Mafalda Barton, Adrian Raine)  
*Twin Research and Human Genetics* 9 (6): 1–8 (December 2006)
46. Legislative Cosponsorship Networks in the U.S. House and Senate  
*Social Networks* 28 (4): 454–465 (October 2006)
47. Connecting the Congress: A Study of Cosponsorship Networks  
*Political Analysis* 14 (4): 456–487 (Fall 2006)
48. Altruism and Turnout  
*Journal of Politics* 68 (3): 674–683 (August 2006)
49. Patience as a Political Virtue: Delayed Gratification and Turnout  
(with Cindy Kam)  
*Political Behavior* 28 (2): 113–128 (June 2006)
50. Habitual Voting and Behavioral Turnout  
*Journal of Politics* 68 (2): 335–344 (May 2006)
51. Elections & Markets: The Effect of Partisan Orientation, Policy Risk, & Mandates on the Economy  
*Journal of Politics* 68 (1): 89–103 (February 2006)
52. Second Order Free Rider Problem Solved?  
*Nature* 437; doi:10.1038/nature0420 (22 September 2005)
53. Altruistic Punishment and the Origin of Cooperation  
*Proceedings of the National Academy of Sciences* 102 (19): 7047–7049 (May 10 2005)
54. Dynamic Responsiveness in the U.S. Senate  
*American Journal of Political Science* 49 (2): 299–312 (April 2005)
55. Egalitarian Motives May Underlie Altruistic Punishment  
(with Tim Johnson, Oleg Smirnov)  
*Nature* 433; doi:10.1038/nature03256 (6 January 2005)
56. Dynamic Parties and Social Turnout  
(with Oleg Smirnov)  
*American Journal of Sociology* 110 (4): 1070–1094 (January 2005)

57. The U.S. Role in South Korean Democratization  
*Political Science Quarterly* 114: 265–288 (Summer 1999)

### Book Chapters

1. Genes, Games, and Political Participation  
 (with Peter J. Loewen, Jaime E. Settle, Christopher T. Dawes)  
 in Rose E. McDermott and Peter K. Hatemi, ed., *Man is by Nature a Political Animal: Evolution, Biology, and Politics*, University of Chicago Press, 207–223 (2011)
2. Turnout in a Small World  
 in Alan Zuckerman, ed., *The Social Logic of Politics: Personal Networks as Contexts for Political Behavior*, Temple University Press, 269–287 (2005)
3. The U.S. Role in South Korean Democratization  
 in Demetrios Caraley, ed., *The New American Interventionism: Lessons from Successes and Failures*, New York: Columbia University Press, 135–158 (2000)

### Op-Eds

1. On Overconfidence  
 (with Dominic D.P. Johnson)  
*SEED* (7 January 2011)
2. Do Tweets Change Behavior?  
 (with Nicholas A. Christakis)  
*CNN* (16 November 2010)
3. Facebook, Friends, and Getting Fat  
 (with Nicholas A. Christakis)  
*CNN* (7 December 2009)
4. A Connected Life is a Great Gift  
 (with Nicholas A. Christakis)  
*Los Angeles Times* (26 November 2009)
5. Sharing the Wealthiness: Democrats Can Count on the 'Colbert Bump'  
*Los Angeles Times* (28 February 2008)

### Honors

- Discover Magazine's* Year in Science (2011)  
 Best Paper of the Year, International Society for Environmental Epidemiology (2011)  
 Honorary Member, *Sigma Beta Delta* Honor Society (2011)  
 Fellow, John Simon Guggenheim Memorial Foundation (2010)  
*Foreign Policy's* Top 100 Global Thinkers (2010)  
 Emerging Scholar Award, American Political Science Association (EPOVB Section, 2010)

Runner-Up, Best Non-Fiction Book, San Francisco Book Festival (for *Connected*) (2010)  
 Winner, Books for a Better Life Award (for *Connected*) (2009)  
*Business Week's* Best Innovation and Design Books of the Year (for *Connected*) (2009)  
*New York Times* Editor's Choice (for *Connected*) (2009)  
*Harvard Business Review* Breakthrough Ideas of the Year (2009)  
 San Diego Science Festival's *Nifty Fifty* "most inspiring scientists" (2009)  
*New York Times Magazine* Year in Ideas (2008)  
*Time Magazine* Year in Medicine (2008)  
*The McLaughlin Group's* "most original thinker" (2008)  
 University of California Office of the President Market Recognition Award (2008)  
 Seminole High School Hall of Fame (2008)  
*Time Magazine* Year in Medicine (2007)  
 Winner, Time-Sharing Experiments in the Social Sciences Third Special Competition (2005)  
 Best Paper at the Midwest Political Science Association meeting, EITM Section (2003)  
 Bok Center Teaching Award, Harvard University (2000, 2001, 2002, 2003)  
 Harvard University Nebel Fellow (1999–2000)  
 Harvard University Buttenweiser Fellow (1998–1999)  
 Yale University Fellow (1995–1997)  
 John Harvard Scholar (1990–1991)  
 Harvard Scholar (1988–1992)

### Grants

Exploring how social networks affect health and health care  
 (with Nicholas Christakis)  
*Robert Wood Johnson Foundation* 2011–2015 (\$2.8 million)

Resource for Analysis, Visualization, and Integration of Networks (RAVIN)  
 (with Trey Ideker)  
*National Center for Research Resources* 2010–2015 (\$6.5 million) P41 RR031228

Exploring the Social Contagion of Generosity  
 (with Nicholas Christakis)  
*John Templeton Foundation* 2010-2011 (\$396,447)

Genopolitics and Political Context  
*UC San Diego Committee on Research* 2010 (\$12,300)

Coevolution, Interconnections, & Communities of Social & Political Networks in the US Congress

(with Mason Porter)

*James S. McDonnell Foundation* 2009–2013 (\$409,000) JSMF#220020177/SCS

Modeling Group Formation and Change Using Social Motifs

(with Derek Ruths)

*IC Postdoctoral Research Fellowship Program* 2009–2011 (\$239,000) HM1582-09-BAA-0001

New Wine in Old Wine Skins: Analyzing Existing fMRI Data for Political Insights

(with Martin Paulus and Darren Schreiber)

*UC San Diego Interdisciplinary Collaboratories Grant* 2009–2011 (\$120,000)

Networks and Neighborhoods

(with Nicholas Christakis)

*National Institute on Aging* 2008–2013 (\$11 million) P-01 AG-031093

The Genetic Basis of Civic Engagement and Social Networks

*National Science Foundation* 2007–2010 (\$150,000) SES-0719404

Gene-Environment Interactions with the Political Context

*National Science Foundation* 2008–2009 (\$30,000) SES-0843907

The Neural Basis of Egalitarian Behavior

*UC San Diego Committee on Research* 2008–2009 (\$10,500)

The Neural Basis of Egalitarian Behavior

*CALIT<sup>2</sup>* 2008–2009 (\$6,000)

Income Inequality and Partisan Polarization: The View from Within Congress

(with David Epstein and Sharyn O'Halloran)

*Russell Sage Foundation* 2007–2009 (\$150,000)

A Social Network-Based Study of Inter-Individual Health Effects in the Framingham Heart Study

(with Nicholas Christakis)

*National Institute on Aging* 2004–2008 (\$2.1 million)

The Role of Genetics in Preference Formation

*UC San Diego Committee on Research* 2007–2008 (\$10,000)

Mapping the Precedent Network of the U.S. Supreme Court

*Institute of Government Affairs* 2005–2006 (\$4,800)

The Genetic Basis of Voter Behavior

*Institute of Government Affairs Junior Faculty Award* 2005–2006 (\$5,000)

Turnout and the Dictator

*Russell Sage Small Grant in Behavioral Economics* 2004–2005 (\$2,500)

Egalitarian Behavior and Altruistic Punishment

*Institute of Government Affairs Junior Faculty Award* 2004–2005 (\$5,200)

Patience and Turnout

*UC Davis Small Grant in Aid of Research* 2004–2005 (\$2,000)

Strategy of Politics

*UC Davis Undergraduate Instructional Improvement Program Grant* 2004 (\$3,000)

Altruism and Turnout

UC Davis New Faculty Research Grant 2003–2004 (\$4,000)

David Rockefeller Center for Latin American Studies Grants, 1999 and 2000

### Professional Activity

Co-Founder, *Political Networks* (2008–)

Editorial Board Member: *American Journal of Political Science* (2010–); *Journal of Politics* (2009–); *Political Analysis* (2007–2009)

Chair: AJPS Best Article Award Committee (2011)

Advisory Board Member: *Canadian Election Studies* (2009–); *Political Behavior: Cognition, Psychology, & Behavior*, Social Science Research Network (2007–)

Representative from APSA to AAAS (2008–2010)

Co-Organizer: *Harvard Political Networks Conference* (2008, 2009)

Empirical Implications of Theoretical Models Summer Institute Faculty (2006–2008)

Occasional Editor: *PLoS Computational Biology*, *Proceedings of the National Academy of Sciences*

Referee: *American Economic Review*, *American Journal of Political Science*, *American Journal of Preventive Medicine*, *American Journal of Sociology*, *American Political Science Review*, *American Politics Research*, *British Journal of Political Science*, *Current Biology*, *Economics & Human Biology*, *Economics & Politics*, *European Journal of Political Research*, *Evolution & Human Behavior*, *Games & Economic Behavior*, *Israel Science Foundation*, *Journal of Conflict Resolution*, *Journal of Legal Studies*, *Journal of Mathematical Sociology*, *Journal of Political Economy*, *Journal of Politics*, *Journal of Public Economics*, *Journal of Theoretical Biology*, *Legislative Studies Quarterly*, *MacArthur Foundation*, *National Institutes of Health*, *National Science Foundation*, *Nature*, *Nature Communications*, *Physical Review Letters*, *Political Analysis*, *Political Behavior*, *Political Psychology*, *Political Research Quarterly*, *Political Science Quarterly*, *Politics & the Life Sciences*, *Preventive Medicine*, *Proceedings of the Royal Society B*, *Proceedings of the National Academy of Sciences*, *Psychological Science*, *Public Opinion Quarterly*, *Quality & Quantity*, *Quarterly Journal of Political Science*, *Rationality & Society*, *Science*, *Social Cognitive & Affective Neuroscience*, *Social Forces*, *Social Science & Medicine*, *Social Sciences & Humanities Research Council of Canada*, *Social Science Research*, *Sociological Forum*, *Statistical Methodology*, *Time-Sharing Experiments in the Social Sciences (TESS)*

Panel Chair/Discussant: NetSci09, APSA annual meeting (2002, 2004, 2005, 2007, 2008), MPSA (2006), David Rockefeller Center for Latin American Studies Conference (2000)

### Keynotes, Speaking Engagements, Invited Talks, and Conference Presentations

2012: Gusfield Distinguished Lecture (UC Irvine); NetSci (keynote); San Diego Science Festival; Community Anti-Drug Coalitions of America (keynote); Pi Sigma Alpha Lecture (U South Carolina); Emory; Huron Consulting (keynote); Activate Networks Summit; PN

2011: TEDx San Diego; Association of College Unions International (keynote); American Association of Homes and Services for the Aging (keynote); American Heart Association (keynote); IBM (keynote); E-Pharma West (keynote); Social Media and Community 2.0 Strategies (keynote); Carolyn Benton Cockefair Lecture (UMKC); ContinuumCare Alliance Forum 11 (keynote); WebMD Health Services Conference (keynote); Credit Suisse (keynote); National Business Coalition on Health (keynote); American Health Care Congress; American Leadership Forum (Palo Alto); New Frontiers in Global Justice (UCSD); Direct Democracy Zócalo; Ohio State; UC Davis; U Mass Amherst; MedNetworks Conference; FutureMed (Singularity U); UC Center Sacramento; American Leadership Forum (Silicon valley); U San Diego; Equinox Salon; Stein Grand Rounds; Stein Public Lecture; UCSD Ledden Lecture; PN; APSA

2010: World Happiness Forum (Sydney, Australia); SXSW Festival; O'Reilly FOO Camp; TEDSalon (Silicon Valley); TEDx San Diego; Hard Problems Symposium (Harvard); Institute for the Future (keynote); Art & Science of Health Promotion Conference (keynote); Fidelity Investments (keynote); Facebook; 23andMe; Genes & Environment Conference (Stanford); Grand Rounds UCSD School of Medicine; Center for Experimental Social Science (Nuffield College, Oxford); Institute of Empirical Research in Economics (Zurich); Society in Science Conference (Stanford); CONNECT Research & Innovation Summit; Caltech; Harvard; Northeastern (Center for Complex Systems Research); RAND Summer Institute; Fleet Science Center; Warren College Orientation (UCSD); AAAS; PN

2009: PopTech; Microsoft Seattle; Microsoft Cambridge; Boeing; NetSci09 (Venice, Italy); Darwin Conference (Santiago, Chile); London School of Economics; Orange Labs (Silicon Valley); McGill (Canada); Caltech; Stern (NYU); MIT; UCLA; Wharton (U Penn); Rochester; Duke Sociology Dept; UNC Chapel Hill; MERSIH Conference (Harvard); Loyola Marymount Economics Dept; Triangle Political Methodology Group (Duke/UNC); New Frontiers in Comparative Politics (Harvard); Center for Behavior, Evolution, and Culture (UCLA); Cambridge Colloquium on Complexity and Social Networks (Harvard); UC Irvine Sociology Dept; Cluster for the Advancement of Social Networks (Arizona State); UC Santa Barbara; Rady Children's Hospital; UCSD Economics Dept; UCSD Psychology Dept; UCSD Biomedical Library; Human Sciences and Complexity Talk (UC Irvine, UCLA, UCSD); SWINE (Sea World); High Tech High; Warren College (UCSD); AAAS; BGA

2008: U Montreal 50th Anniversary (keynote); Canadian Political Science Experimental Methods Conference (keynote); Stanford; UC Irvine; Michigan; Vanderbilt; Loyola; Washington University at St. Louis; Systems Biology Dept (Harvard); Psychology Day (Cal State Fullerton); NSF Biology and Politics Conference (UIUC); NIA Methodology for Empirical Research on Social Interactions Conference (Harvard); NICO Complexity Conference (Northwestern); Networks in Political Science Conference (Harvard); EITM Summer School (Duke); Trilience Human Groups Conference (Caltech); Program on Evolutionary Dynamics (Harvard); NSF Behavior, Computation, and Networks in Human Subjects Conference (UCSD); UCSD Music Dept; Biomedical and Clinical Research Seminar (UCSD); CALIT<sup>2</sup> Behavioral, Social, and Computer Sciences Seminar (UCSD); BGA; APSA

2007: Harvard; USC; Chicago; BYU; Advanced Political Network Modeling Conference (Mannheim); EITM Summer School (UCLA); Evolution of Punishment Conference (UC Irvine); Behavior Genetics Association Meeting; MPSA; APSA

2006: Carnegie Mellon; UC Irvine; EITM Summer School (Michigan); Hendricks Conference (Nebraska); Minnesota; MPSA; APSA

2005: NYU; Rice; Chicago; UCSD; Use of Evidence for Social Policy Decision Making Conference (National Academy of Sciences); APSA; MPSA

2004: UC Santa Barbara; APSA; MPSA; WPSA; Public Choice

2001–2003: APSA; MPSA

### **Department and University Service**

Graduate Admissions Committee (2008–2010; 2012)

Methods Search Committee, Chair (2011–2012)

American and Comparative Politics Search Committee (2010–2011)

National Center of Leadership in Academic Medicine Mentor (2011)

APIP Speaker Series Co-coordinator (2009–)

CALIT<sup>2</sup> Divisional Council Member (2009–)

Social Sciences Division Task Force for the Future (2009–2010)

Academic Senate representative (2008–2011)

Graduate Fellowship Committee (2008–2009)

UCSD Last Lecture Series Speaker (2009)

UCSD Student Life Cluster Meeting Speaker (2009)

Warren Honors College Program Speaker (2009, 2010)

UCSD Osher Lifelong Learning Institute Speaker (2008, 2010)

American Politics Exam Committee (2006–)

Math Camp Instructor (2006–2009)

Undergraduate Curriculum Committee (2006–2007)

Speakers and Visitors Committee (2004–2006)

Methods Exam Committee (2003–2006)

Infrastructure Committee (2003–2005)

Department of Social Sciences Computer Lab Committee (2004–2005)

Co-Chair, Committee to Create a Math Camp for First Year Graduate Students (2004)

### **Mentoring**

*Dissertation Committee Chair:* Robert Bond (PhD Candidate, UCSD); Christopher T. Dawes (Asst. Prof., NYU); Chris Fariss (PhD Candidate, UCSD); Will Hobbs (PhD Candidate, UCSD); Alex Hughes (PhD Candidate, UCSD); Brad LeVeck (PhD Candidate, UCSD); Jaime E. Settle (PhD Candidate, UCSD); Holly Shakya (PhD Candidate, UCSD Global Health); Yunkyun Sohn (PhD Candidate, UCSD); Andrew S. Waugh (PhD Candidate, UCSD)

*Dissertation Committee Member:* Skyler Cranmer (Asst. Prof., UNC Chapel Hill); Cesi Cruz (PhD Candidate, UCSD); Graton Gathright (U.S. Census); Hans Hassell (PhD Candidate, UCSD); Tim Johnson (Asst. Prof., Willamette Graduate School of Management); Yonatan Lupu (PhD Candidate, UCSD); Alex E. Ruiz (PhD Candidate, UCSD); Derek Stafford (PhD Candidate, Michigan); Matthew J. Tobolski (PhD, UCSD Engineering)

*Postdoctoral Students:* Jason Jones (PhD, UCSD Psychology); Peter J. Loewen (Asst. Prof., U Toronto); Angela Nelson (PhD, Indiana Cognitive Science)

*Mentees:* Tommi Gaines (Project Scientist, UCSD Global Public Health); Abby Rudolph (postdoc, UCSD Global Public Health); Rachel Shelton (Asst. Prof., Columbia School of Public Health); Karla Wagner (Asst. Prof., UCSD Global Public Health)

*Student Collaborators:* Coren Apicella (postdoc, Harvard Medical School); Jonathan Beauchamp (PhD, Harvard Economics); Michael J. Bommarito II (PhD Candidate, Michigan Political Science); Jan-Emmanuel De Neve (Asst. Prof., U College London); Wen Dong (PhD, MIT Media Lab); Sangick Jeon (PhD Candidate, Stanford); Daniel Katz (PhD Candidate, Michigan); Taemie Kim (PhD Candidate, MIT Media Lab); Wei Pan (PhD Candidate, MIT Media Lab); J. Niels Rosenquist (postdoc, Harvard Medical School); Matthijs van der Loos (PhD Candidate, Erasmus U Rotterdam Economics); Jon Zelner (postdoc, Princeton Ecology and Evolutionary Biology)

### **Classroom Experience**

#### *University of California, San Diego (2006–present)*

Seminar on Multidisciplinary Methods in Political Science: Social Networks; Seminar on Multidisciplinary Methods in Political Science: Computational Social Science; Seminar on Multidisciplinary Methods in Political Science: Biology, Politics, Puzzles, and Games; International Studies Honors Thesis Seminar

#### *Duke University (2008)*

Empirical Implications of Theoretical Models – Computational Models and Social Networks

#### *University of California, Los Angeles (2007)*

Empirical Implications of Theoretical Models – Computational Models and Social Networks

#### *University of California, Davis (2004–2006)*

Seminar in Research Methods: Game Theory; Introduction to Modeling Politics; Advanced Formal Models; Scientific Study of Politics; Democratic Theory; Strategy of Politics

#### *Harvard University (1999–2003)*

Sophomore Tutorial: Constitutional Democracy in America; Thinking about Politics; Strategy of International Politics; Mathematics for Political Scientists; The Modern World Economy, 1873–2000; Growth and Development in Historical Perspective

#### *Yale University (1996–1997)*

Strategy Technology and War; The United Nations and World Order

#### *U.S. Peace Corps Ecuador (1992–1994)*

Health Promotion; English as a Second Language

## Selected Media

ABC

- *Good Morning America*. 7/20/10
- Is Loneliness Contagious? 12/1/09
- *Good Morning America*. 12/5/08
- Pack Mentality Applies to Quitting Smoking Too. 5/22/08
- *Good Morning America*. 7/26/07

BBC

- *The Secret Life of Twins*. 9/30/09
- *Leading Edge*. 1/29/09
- *Leading Edge*. 4/12/07

Boston Globe

- The Loneliness Network. 12/27/09
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