

## Faculty Output By the Numbers

Publications: 413

Courses Taught: 98

Invited Talks: 417

Policy Engagement Activities: 249

The faculty of the Freeman Spogli Institute for International Studies enjoyed a productive period of policy-resonant scholarship spanning from winter quarter 2019 to fall quarter 2019. This document inventories their academic publications, including books in print or under contract, Stanford courses delivered, invited talks across the globe, and activities that involve policy engagement comprising government testimony, advisement and public service, media commentary, opinion pieces, public policy training, and other efforts to translate scholarship into policy.

## LISA BLAYDES

### *Academic Publications*

- "Rebuilding the Ba'thist State: Party, Tribe and Administrative Control in Authoritarian Iraq, 1991-96," *Comparative Politics*, forthcoming
- "Muslim Trade and City Growth before the 19th Century: Comparative Urbanization in Europe, the Middle East and Central Asia" (with Christopher Paik), *British Journal of Political Science*, forthcoming
- "Political Cultures: Measuring Values Consensus" (with Justin Grimmer), *Political Science Research and Methods*, forthcoming
- Book Review of Dina Bishara's *Contesting Authoritarianism: Labor Challenges to the State in Egypt* (New York, NY: Cambridge University Press) *Perspectives on Politics*, forthcoming
- "Distributive Politics in the Middle East," *Routledge Handbook of Middle East Politics* (2019)
- "Mamluks, Property Rights and Economic Development: Lessons from Medieval Egypt," *Politics and Society*, 47, 3 (September 2019)
- "Challenges to Stability in Egypt," *Governance in an Emerging New World*, Hoover Institution, Spring 2019
- "Trade and Political Fragmentation on the Silk Roads: The Economic Effects of Historical Exchange between China and the Muslim East" (with Christopher Paik), *American Journal of Political Science*, Revise and Resubmit
- "Authoritarian Media and Diversionary Threats: Lessons from Thirty Years of Syrian State Discourse" (with Alaa Al-Rababah), *Political Science Research and Methods*, Revise and Resubmit
- "Did Egypt's Post-Uprising Crime Wave Increase Support for Authoritarian Rule?" (with Caroline Abadeer, Alexandra Blackman and Scott Williamson), *Journal of Peace Research*, Revise and Resubmit

### *Courses Taught*

- PS149T: Middle Eastern Politics

### *Invited Talks*

- Stanford CISAC, January 2019
- London School of Economics Government, February 2019
- King's College Political Economy Workshop, February 2019
- NYU Comparative Politics Workshop, April 2019
- UC Davis Comparative Politics, May 2019

- University of Tokyo Research Center for Advanced Science and Technology, July 2019
- Princeton University Comparative Politics Workshop, December 2019
- Harvard University Conference on Religion and Economic Development, December 2019

### ***Policy Engagement***

- Panelist, *Governance in the Emerging World: The Middle East*, Hoover Institution, April 2019
- Roundtable discussion, USAID Bonnie Glick, July 2019
- Middle East and North Africa Gender Innovation Lab, World Bank, July 2019
- Quantifying Radicalization Conference, Doha Qatar, September 2019
- "China in the Middle East: Influence and Investment," *The Diplomat*, September 2019
- Organizer, "The Struggle for Political Change in the Arab World," CDDRL, October 2019
- Panelist, "Iraq: Past, Present, Future," CISAC, October 2019
- Participant, Doha Forum, December 2019

## **MARSHALL BURKE**

### ***Academic Publications***

- David Lobell, George Azzari, Marshall Burke, Sydney Gourlay, Zhenong Jin, Talip Kilic, Siobhan Murray. 2019. "Eyes in the sky, boots on the ground: assessing satellite- and ground-based approaches to crop yield measurement and analysis". World Bank Policy Research Working Paper 8374. [accepted, American Journal of Agricultural Economics]
- Noah Diffenbaugh and Marshall Burke. 2019. "Global warming has increased global economic inequality", PNAS,
- Katherine Mach, Caroline Kraan, et al. 2019. "Climate as a risk factor for armed conflict", Nature. (14 author team)
- Marshall Burke, Lauren Bergquist, and Ted Miguel. 2019. "Sell low and buy high: arbitrage and local price effects in Kenyan markets". Quarterly Journal of Economics.
- Evan Sheehan, Chenlin Meng, Matthew Tan, Burak Uzgent, Neal Jean, David Lobell, Marshall Burke, Stefano Ermon. "Predicting Economic Development using Geolocated Wikipedia Articles" To appear in Proc. 25th ACM SIGKDD Conference on Knowledge Discovery and Data Mining, 2019.
- Burak Uzgent, Evan Sheehan, Chenlin Meng, Zhongyi Tang, David Lobell, Marshall Burke, Stefano Ermon. "Learning to Interpret Satellite Images using Wikipedia" To appear in Proc. 28th International Joint Conference on Artificial Intelligence, 2019.
- Wenjie Hu, Jay Harshadbhai Patel, Zoe-Alanah Robert, Paul Novosad, Samuel Asher, Zhongyi Tang, Marshall Burke, David Lobell, Stefano Ermon. 2019. "Mapping Missing Population in Rural India: A Deep Learnin
- Approach with Satellite Imagery". To appear in Proc. 1st AAAI/ACM Conference on Artificial Intelligence, Ethics, and Society (AIES 2019). [PDF]
- Zhenong Jin, George Azzari, Calum You, Stefania Di Tommaso, Stephen Aston, Marshall Burke, and David Lobell. 2019. "Smallholder maize area and yield mapping at national scales with Google Earth Engine.", Remote Sensing of Environment, 228, 115-128.

### ***Courses Taught***

- ESS 268/ INTLPOL 272: Empirical Methods in Sustainable Development (Winter 2018/19)
- CS 325B/ EARTHSYS 262: Data for Sustainable Development (Fall 2019)
- EARTH 2: Climate and Society (Winter 2018/19)

### ***Invited Talks***

- Hearing on the “Macroeconomic impacts of climate change”, US House of Representatives Financial Services Committee (Washington DC, Sep 2019).
- “Innovative Frontiers in Development”, Rockefeller Foundation (2019, Bellagio, Italy), conference speaker.
- “Big Data and Machine Learning for Development”, USAID (2019, Washington DC), conference speaker.
- Association of Environmental and Resource Economists, Annual meeting (2019, Lake Tahoe), conference speaker.
- World Bank Poverty and Equity Global Practice Annual Retreat (2019, Washington DC), invited speaker .

### ***Policy Engagement***

- Testified before US House of Representatives
- Gave talks to US government agencies (USAID), World Bank, and large foundations

## **LARRY DIAMOND**

### ***Academic Publications***

- *Ill Winds: Saving Democracy from Russian Rage, Chinese Ambition, and American Complacency* (New York: Penguin, 2019)
- *China's Influence and American Interests: Promoting Constructing Vigilance*, edited with Orville Schell, (Stanford, CA: Hoover Institution Press, 2019)
- “Social Media,” (with Zak Whittington) in Christian Haerpfer, Partick Bernhagen, and Ronald Inglehart, eds., *Democratization*, 2nd ed. (Oxford: Oxford University Press, 2019).
- “The Threat of Postmodern Totalitarianism,” *Journal of Democracy* 30 (January 2019): 20-24.

### ***Courses Taught***

- Thinking Matters 51, “The Spirit of Democracy,” with James Fishkin
- Poli Sci 1147, Comparative Democratic Development
- Comm 111SC, America in One Room (Sophomore College), with James Fishkin

### ***Invited Talks***

All lectures on the Global Crisis of Liberal Democracy unless otherwise stated:

- April 1, Global Philanthropy Forum, Redwood City
- April 15, World Denver
- April 16, Colorado Foothills World Affairs Council
- April 17, University of Denver
- May 1, Dodge and Cox, 20/20 Investment Forum
- May 18, “Thirty Years after Tiananmen: The PRC as an Emerging Global Threat to Freedom,” Keynote Address to the International Academic Conference “Value Renewal and Path Finding for China’s Pro-Democracy Movement”
- May 21, Keynote address to the Varieties of Democracy Conference, University of Goteburg, Sweden

All of the following lectures/speeches are based on Diamond’s book, *Ill Winds*, unless otherwise stated

- June 11, Los Angeles World Affairs Council
- June 12, Commonwealth Club of San Francisco
- June 13, Carnegie Endowment for International Peace
- June 15, Council on Foreign Relations

- June 18, Carnegie Council on Ethics and International Affairs, New York
- June 22, Stanford European Alumni conference
- June 25, Estoril Political Forum, Portugal
- June 27, Henry Jackson Society, London
- June 28, Institute for International and Strategic Studies, London
- June 29, Stanford Club of London
- July 11, Carmel World Affairs Council
- July 15, Vail Symposium
- July 19, Facebook (Civic Engagement Group)
- September 24, Oshman Family Jewish Community Center, Palo Alto
- October 23, Library Foundation of Los Angeles
- November 6, 3:30 pm, Georgetown University, School of Foreign Service
- November 7, 5 pm, University of North Carolina, Chapel Hill
- November 15, noon, Humphrey School of Public Affairs, University of Minnesota
- November 19, noon, East Bay Stanford Women's Club
- November 20, 6:30 pm, Orange County World Affairs Council

## **PASCALINE DUPAS**

### ***Academic publications***

- Basurto, Pia, Pascaline Dupas, and Jonathan Robinson. “Decentralization and Efficiency of Subsidy Targeting: Evidence from Chiefs in Rural Malawi”. Forthcoming, *Journal of Public Economics*.
- Duflo, Esther; Dupas, Pascaline; Ginn, Thomas; Pouliquen, Victor; Sharma, Vandana (2019), "HIV Prevention Among Youth: A Randomized Controlled Trial of VCT and Male Condom Distribution in Rural Kenya", *PLOS One*.
- Dupas, Pascaline, Anthony Keats and Jonathan Robinson (2019). “The Effect of Savings Accounts on Interpersonal Financial Relationships: Evidence from a Field Experiment in Rural Kenya”. *Economic Journal* 129 (617): 273-310.

### ***Courses taught***

- Development Economics: An Introduction from the Ground Up (BOSP Cape Town)
- Topics in Development Economics (Individual Study) (BOSP Cape Town).

### ***Invited talks***

- UC Santa Cruz (February 2019)
- Johns Hopkins (February 2019)
- University of Pittsburgh (March 2019)
- Keynote, Croft Institute, Ole Miss (April 2019)
- Columbia University (April 2019)
- Wharton (April 2019)
- U Penn (May 2019)
- Harvard Business School (May 2019)
- UCLA (May 2019)
- King Center India Conference (June 2019)
- University of Cape Town (July 2019)
- Stellenbosch University (August 2019)
- Aix-Marseille School of Economics (October 2019)
- Paris I Panthéon Sorbonne (October 2019)

- IrishAid (November 2019)
- Trinity College Dublin (November 2019)
- Paris School of Economics (November 2019)

### ***Policy engagement***

- Co-Chair of JPAL Health Initiative (MIT); oversees production of policy briefs and bulletins translating research findings into digestible documents for policy makers
- Keynote address at IrishAid on “Improving health for bottom billion”
- Advised Health Department of the City of Cape Town on their programming regarding mental health, addiction and non-communicable diseases.
- 5-day visit to Ghana. Met with head of USAID education mission, UKAID education advisor.

## **RODNEY EWING**

### ***Academic publications***

- Chenxu Wang, Tengfei Yang, Carmeron L. Tracy, Chenyang Lu, Hui Zhang, Yong-Jie Hu, Lumin Wang, Liang Qi, Lin Gu, Qing Hurang, Jie Zhang, Jingyang Wang, Jianming Xue, Rodney C. Ewing and Yugang Wang (2019) Disorder in  $M_{n+1}AX_n$  phases at the atomic scale. Nature Communications (9 pages). doi: 10.1038/s41467-019-08588-1
- Chenxu Wang, Cameron L. Tracy, Sulgiye Park, Jin Liu, Feng Ke, Fuxiang Zhang Tengei Yang, Songqir Xia, Congyi Li, Yugang Wang, Yong Zhang, Wendy L. Mao and Rodney C. Ewing (2019) Phase transformations on Al-bearing high-entropy alloys  $Al_xCoCrFeNi$  ( $x = 0, 0.1, 0.3, 0.75, 1.5$ ) at high pressure. Applied Physics Letters, vol. 114, 09190 (5 pages).
- Dylan R. Rittman, Samuel W. Teitelbaum, David A. Reis, Wendy L. Mao and Rodney C. Ewing (2019) Anomalous behavior of nonequilibrium excitations in  $UO_2$ . Physical Review B, vol. 99, 134307 (5 pages).
- Mizuki Suetake, Yuriko Nakano, Genki Furuki, Ryohei Ikehara, Tatsuki Komiya, Eitaro Kurihara, Kazuya Morooka, Shinya Yamasaki, Toshihiko Ohnuki, Kenji Horie, Mami Takehara, Gareth T.W. Law, William Bower, Bernd Grambow, Rodney C. Ewing and Satoshi Utusunomiya (2019) Dissolution of radioactive, cesium-rich microparticles released from the Fukushima Daiichi Nuclear Power Plant in simulated lung fluid, pure-water, and seawater. Chemosphere, vol. 233, 633-644.
- William F. Cureton, Raul I. Palomares, Cameron L. Tracy, Eric C. O’Quinn, Jeffrey Walters, Maxim Zdorovets, Rodney C. Ewing, Marcel Toulemonde and Maik Lang (2019) Effects of irradiation temperature on the response of  $CeO_2$ ,  $ThO_2$ , and  $UO_2$  to highly ionizing radiation. Journal of Nuclear Materials, vol. 525, 83 – 91.
- Tobias Beirau, Warren C. Oliver, Claudia E. Reissner, William D. Nix, Herbert Pöllmann and Rodney C. Ewing (2019) Radiation-damage in multi-layered zircon: Mechanical properties. Applied Physics Letters.
- Claudia E. Reissner, Ulrich Bismayer, Daniel Kern, Michael Reissner, Sulgiye Park, Jiaming Zhang, Rodney C. Ewing, Anna Shelyug, Alexandra Navrotsky, Carsten Paulmann, Radek Skoda, Lee A. Groat, Herbert Pöllmann and Tobias Beirau (2019) Mechanical and structural properties of radiation-damaged allanite-(Ce) and the effects of thermal annealing. Physics and Chemistry of Minerals. (13 pages).
- William J. Weber, Rodney C. Ewing, E.R. Vance, Daniel Gregg, Sylvain Peugot and Thierry Wiss (2019) Chapter 30. Plutonium in Waste Forms in *Plutonium Handbook*, 2<sup>nd</sup> Edition, Edited by David L. Clark, David A. Geeson, and Robert J. Hanrahan, Jr. (American Nuclear Society) pages: 2349 – 2421.
- R.C. Ewing (member) (2019) *Review of the Analysis of Supplemental Treatment Approaches of Low-Activity Waste at the Hanford Nuclear Reservation Report #3*, The National Academies of Sciences, Engineering and Medicine. 84 pages.

### ***Courses taught***

- Germany: Nuclear Power and Energiewende
- Managing Nuclear Waste: Technical, Political and Organizational Challenges
- Technology and National Security
- Interschool Honors Program in International Security Studies

### ***Invited talks***

- “Geochemistry of Uranium – Relevant Aspects”: DPRK IMINT Presentations, Stanford, CA, January 29, 2019.
- “Projecting Risk into the Future – Sinking of the Titanic vs. Failure of a Geologic Repository”: Guest lecture for MATSCI 301, Stanford, CA, February 1<sup>st</sup>, 2019.
- “Seminar for Post-Doctoral Fellows”: Pro-Seminar for the School of Earth, Energy and Environmental Sciences, Stanford, CA, February 1<sup>st</sup>, 2019.
- “Reset of America’s Nuclear Waste Management and Strategy”: seminar for Precourt Energy Institute Fellows, Stanford, CA, February 21<sup>st</sup>, 2019.
- “Reset of America’s Nuclear Waste Management and Strategy”: John Bredehoeft webinar, Stanford, CA, February 21<sup>st</sup>, 2019.
- “Reset of America’s Nuclear Waste Management and Strategy”: presentation to congressional staff and public, Washington, D.C., February 27<sup>th</sup>, 2019.
- “Projecting Risk into the Future – Sinking of the Titanic and Failure of a Geologic Repository”: guest lecture at the Chemistry Department, Washington State University, Pullman, WA, March 18<sup>th</sup>, 2019.
- “Acceptance of the Distinguished Public Service Award of the Mineralogical Society of America for 2019”: Annual meeting of the Geological Society of America, Phoenix, AZ, September 24, 2019.

### ***Policy engagement***

- Continued engagement with policy makers on the *Reset of U.S. Nuclear Waste Management Strategy and Policy* report.
- Member of the Science and Security Board of the *Bulletin of Atomic Scientists*.
- Member of Board of Earth Sciences and Resources of the National Academies of Sciences, Engineering and Medicine
- President of the American Geoscience Institute.

## **MARCEL FAFCHAMPS**

### ***Academic publications***

- “Redistribution and Group Participation: Comparative Experimental Evidence from Africa and the UK”, with Ruth Hill. *World Bank Economic Review*, October 2019, 33(3): 717-35.
- “The Role of Social Ties in Factor Allocation”, with Ulrik Beck and Benedikte Bjerger. *World Bank Economic Review*, October 2019, 33(3): 598-621.
- “Testing Efficient Risk Sharing with Heterogeneous Risk Preferences: Comment”, with Aditya Shrinivas. *American Economic Review*, October 2019, 108(10): 3104-13.
- “Family Networks and Distributive Politics”, with Julien Labonne. *Journal of the European Economic Association*, May 2019, <https://doi.org/10.1093/jeea/jvz023> [ahead of print online publication].

### ***Courses taught***

- Development 1, Econ 215 Spring 2019 [2nd year PhD course] (With Meredith Startz)
- Development 1, Econ 214 Fall 2019 [2nd year PhD course] (With Meredith Startz)

### ***Invited talks***

- “Material Incentives and Effort Choice: Evidence from an Online Experiment Across Countries”, seminar at University of Southern California, Los Angeles, October 2019
- “Exclusion Bias in the Estimation of Peer Effects”, seminar at the University of Washington, Seattle, October 2019
- “The Behavioral Foundations of Market Exchange”, New Economic School Conference, Moscow, October 2019
- “Exclusion Bias in the Estimation of Peer Effects”, European Summer Institute, Barcelona, June 2019
- “Can People Form Links to Efficiently Access Information?”, Conference on Network Economics, Cambridge University, UK, June 2019
- “Keep It Simple: A Field Experiment in Information Sharing in Social Networks”, Network Conference, University of Bocconi, Milan, May 2019
- “Job Fairs: Matching Firms and Workers in a Field Experiment in Ethiopia”, CSAE Annual Conference, Oxford UK, March 2019

### ***Policy engagement***

- CEMEX Africa Business Forum, Stanford University [chairing an African Consumer panel]
- “Development Aid and Agricultural Development in Africa”, Gordon Rausser Festschrift, UC Berkeley, October 2019

## **JAMES FEARON**

### ***Academic publications***

- “Climate as a risk factor for armed conflict,” *Nature* 571, 193-197 (June 2019), co-authored with (Katharine J. Mach, Caroline M. Kraan, W. Neil Adger, Halvard Buhaug, Marshall Burke, Christopher B. Field, Cullen S. Hendrix, J-F Maystadt, John O’Loughlin, Philip Roessler, Jurgen Scheffran, Kenneth A. Schultz, and Nina von Uexkull).

### ***Courses taught***

- Economics 221/PoliSci 460B: Political Economy II, Conflict, Non-Democratic Politics, and the Politics of Development
- International Relations Workshop, Department of Political Science.

### ***Invited talks***

- University of Wisconsin, Madison; London School of Economics; Warwick University; University of Bonn (Institute on Behavior and Inequality); APSA (Washington DC); Ministry of Defense, Japan (Tokyo); New Economic School (Moscow); University of Maryland (Economics); ITAM (Mexico City).
- Hoover/Stanford Asia-Pacific Geo-Strategic Forum, 3<sup>rd</sup> Hoover-Mount Fuji Dialogue (May).
- FSI symposium, “The Past, Present, and Future of International Order in East Asia” (May).
- CISAC Social Science discussant.

### ***Policy engagement***

- Keynote speaker and panelist at “From Fragility to Peace and Development,” a conference hosted by IGC Myanmar and Yangon thinktank ISP with government officials (July 2019). Meetings with officials from government, political parties, ethnic armed organizations, and NGOs.
- Meetings and presentations at Japan’s Ministry of Defense (September).
- Consulting for US government agencies.
- Member, Intelligence Community Studies Board, National Academy of Sciences (organizing meetings with NIC).

- Background interviews with journalists for *The New Yorker* and *New York Times*.

## **FRANCIS FUKUYAMA**

### ***Academic publications***

- “Beyond Measurement: What is Needed for Effective Governance and Anti-Corruption Reforms” (with Francesca Recanatini) in Helmut K. Anheier, Matthias Haber, and Mark A. Kayser, eds., *Governance Indicators: Approaches, Progress, Promise* (Oxford: Oxford Univ. Press, 2018).
- “Why National Identity Matters,” *Journal of Democracy* 29 (Oct. 2018): 5-15.
- “Against Identity Politics,” *Foreign Affairs* 97 (no. 5, Sept-Oct. 2018): 90-115.
- “How the Belt and Road Gained Steam: Causes and Implications of China’s Rise in Global Infrastructure,” with Bushra Bataineh and Michael Bennon, June 2019. (CDDRL Working Paper)
- “Immigration and Populism in Canada, Australia, and the United States,” with Naz Gocsek, May 2019. (CDDRL Working Paper)

### ***Courses taught***

- Leadership and Implementation, INTLPOL 307.

### ***Invited talks***

- Erste Foundation, Vienna, 3/19
- Leibnitz University, Hanover, 3/19
- Koerber Foundation, Hamburg, 3/19
- John Adams Institute, Amsterdam, 3/19
- University of Leuven, Belgium, 3/19
- Ghent, Belgium, 3/19
- Fondazione Feltrinelli, Milan, Italy, 3/19
- University of Witwatersrand, South Africa, 3/19
- RSA Finance Ministry, 3/19
- Reserve Bank of South Africa, 3/19
- Centre for Democracy and Enterprise, South Africa, 3/19
- Harvard University GEM conference, 4/19
- Harvard University CFIA, 4/19
- Indiana University, Dept of Pol Science, 4/19
- Purdue University, 4/19
- Foreign Policy Association, 4/19
- Martin Prosperity Institute, Univ. of Toronto, 4/19
- Sonoma World Affairs Council, 5/19
- Sonoma Author’s Festival, 5/19
- Booth School, Univ. of Chicago, 5/19
- Ukrainian Catholic University, 5/19
- CIPE Conference on the Developmental State, Ethiopia, 6/19

### ***Policy engagement***

- Sponsored, with Jeremy Weinstein a workshop on reforming public policy education (Feb. 2019).



## ANNA GRZYMALA-BUSSE

### ***Academic publications***

- "Beyond War and Contracts: The Medieval and Religious Roots of the European State," *Annual Review of Political Science*, forthcoming.
- "The consequences of authoritarian party exit and reinvention for democratic competition," *Comparative Political Studies*, forthcoming.
- "Populism," for the "Weasel Words" edited Symposium, *East European Politics and Societies*, forthcoming.
- "How Populists Rule: The Consequences for Democratic Governance," "Introduction," and "Conclusion" for the "European Populism in Global Perspective" edited Symposium, *Polity*, October 2019.
- "Hoist on their own petards? The reinvention and collapse of authoritarian successor parties" *Party Politics*, July 2019.

### ***Courses taught***

- Populism and the Erosion of Democracy
- Comparative Politics

### ***Invited talks***

- Zaleski Lecture, Harvard University, November 2019
- Populism in Europe" Workshop, University of North Carolina-Chapel Hill,
- "Varieties of Communism" Conference, Zhejiang University, Hangzhou, China.
- University of California, Berkeley, Comparative Politics Workshop, March 2019 Northwestern University, Comparative Politics Workshop, March 2019
- University of British Columbia, Comparative Politics Workshop, January 2019
- World Affairs Council interview, February 2019
- World Affairs Council Sonoma county presentation, June 2019

### ***Policy engagement***

- "Global Populisms and What to do about Them" White Paper, with Didi Kuo
- "Once, the 'Judeo-Christian tradition' united Americans. Now it divides them," Monkey Cage, 17 April 2019.
- "The Failure of European Mainstream Parties," *Journal of Democracy* October 2019.

## GABRIELLE HECHT

### ***Academic publications***

- Recognition for "Interscalar Vehicles for the African Anthropocene: On Waste, Temporality, and Violence," *Cultural Anthropology* 33 (1, 2018): 109-141.
- Most downloaded article in *Cultural Anthropology*, 2018
- General Anthropology Division Prize for Exemplary Cross-Field Scholarship, American Anthropological Association, 2019

### ***Courses taught***

- PS114/History 104 - *International Security in a Changing World* (lecture)
- History 303/ Anthropology 303E - *Infrastructure and Power in the Global South*
- Supervision of 3 dissertations (1 completed).
- Jury or committee member for 9 dissertations (1 completed).
- Salovaara, Isabel M. 2019. "Teaching Infrastructures: A Conversation with Gabrielle Hecht." Teaching Tools, *Fieldsights*, August 8. <https://culanth.org/fieldsights/teaching-infrastructures-a-conversation-with-gabrielle-hecht>

### ***Invited talks***

- KAIST Center for Anthropocene Studies & National Folk Museum of Korea, Seoul, December 2019
- Université de Paris Descartes; Centre Koyré; Centre de recherche médecine, sciences, santé, et société. Paris, France, December 2019
- Goldsmiths, University of London, UK, October 2019
- Institute for Advanced Studies, University College London, UK, October 2019
- Théâtre National Wallonie, Bruxelles, Belgium, September 2019
- Society for the Social Studies of Science, New Orleans, September 2019
- Keynote, Environmental Humanities, Northwestern University, Chicago April 2019
- Fordham University, New York, April 2019
- WiSER, Wits University, South Africa, March 2019
- Humanities without Boundaries lecture, Center for the Humanities, University of Wisconsin – Madison, February 2019
- Forum for the Academy and the Public, University of California, Irvine, February 2019

### ***Policy engagement***

- “Does Chernobyl Still Matter?” *Public Books*, December 2019.
- 가브리엘 헥트, “아프리카 인류세,” 과학잡지 에피, 8호 (2019): 58-75. (Korean translation of “The African Anthropocene,” *Aeon*).
- Aafrika antropotseen,” *Vikerkaar*, August 2019. (Estonian translation of “The African Anthropocene,” *Aeon*).
- “Taking on the Technosphere: A Kitchen Debate,” with Paul N. Edwards. *Anthropocene Campus: The Technosphere Edition*, Haus der Kulturen Welt, *Technosphere Magazine*, May 2019.
- “How Extraction Fuels Anthropocenes,” *Edge Effects*, interview by Stepha Velednitsky, February 2019.
- “Air in the Time of Oil,” *LA Review of Books*, 21 January 2019.
- Advisory board, RADIANT: Radioactive Ruins: Security in the Age of the Anthropocene, Danish Institute for International Studies (DIIS), Denmark.
- Advisory board, Nuclear Consulting Group, United Kingdom.
- Advisory board, AnthroTOX Convergence Environment. University of Oslo, Norway.
- Advisory board, Chair of excellence in Security Studies. Sciences Po, Paris.
- Advisory board, Conseil Scientifique, ANDRA (Agence nationale pour la gestion des déchets radioactifs). France’s national agency for the management of radioactive waste, 2015-
- Comité Scientifique, Projet AGORAS (Amélioration de la Gouvernance des Organisations et des Réseaux d’Acteurs pour la Sécurité Nucléaire). Collaborative project (university-industry-regulator) on nuclear safety governance, funded by France’s Agence Nationale de Recherche, 2014-

## **SAUMITRA JHA**

### ***Academic Publications***

- Jha, Saumitra and Moses Shayo “Valuing Peace: The Effects of Financial Market Exposure on Votes and Political Attitudes”, *Econometrica*, Vol. 87. No. 5, pp.1561-1588, September 2019.
- Jha, Saumitra “Zum in Coronado”, *Stanford Graduate School of Business Case P-100*, 2019
- Editorial Board: *Global Perspectives*, *Journal of Development Economics* and *Journal of Comparative Economics*

### ***Courses Taught***

- POLECON 683 Political Development Economics
- POLECON 239 Strategy Beyond Markets for Experienced Managers
- Executive Education: “Locational Political Risk”, Stanford, 2019

- Executive Education: “Doing Business in Extremely Risky Environments”, Stanford, 2019
- Ethics and the Role of Business in Society, SEED Chennai, 2019
- Sponsored numerous independent studies among Stanford MBA and MSx students related to depolarization and peace-making.

### ***Invited Talks***

- “Remaining European: the Effects of Financial Market Exposure on the Brexit Vote”, University of Hong Kong (economics),
- “Swords into Bank Shares” at the Stanford Positive Peace Conference,
- “Wars and Freedoms” at Stanford (economic history),
- “Valuing Peace: The Effects of Financial Market Exposure on Votes and Political Attitudes” and “Trading Stocks Raises Financial Literacy and Compresses the Gender Confidence Gap” at the Yale School of Management Finance seminar
- “Swords into Bank Shares” at the University of Chicago (history and social sciences forum),
- “Heroes and Villains: Charismatic Leadership and Collaborators in War-Time France”, at the Association for the Study of Religion, Economics and Culture Annual Conference
- ““Valuing Peace: The Effects of Financial Market Exposure on Votes and Political Attitudes and “Trading Stocks Raises Financial Literacy and Compresses the Gender Confidence Gap” at the Harvard conference on populism,
- “Marching on the Bastille: Combat Experience, Local Organizational Capacity and Political Change in Revolutionary France “,at the Harvard- Northwestern political economy, development and history conference
- “Trading Stocks Raises Financial Literacy and Compresses the Gender Confidence Gap” at the Federal Reserve Board of Governors, and the Global Financial Literacy Excellence Center (GWU)
- “Valuing Peace: The Effects of Financial Market Exposure on Votes and Political Attitudes” at the University of Wisconsin-Madison (political economy and history and politics),
- “Marching on the Bastille: Combat Experience, Local Organizational Capacity and Political Change in Revolutionary France” at the joint Sciences Po/ Paris School of Economics political economy seminar.
- Indian Elections Panel, Stanford Center for South Asia

### ***Policy Engagement***

- Discussed strategies for redesigning the New Equitable Economic Empowerment Framework with Yvonne Dausab, Senior Adviser to the Government of Namibia.
- Designed and taught 2-day executive training program for European diplomats and NGO personnel entitled ““Approaches to Peacebuilding and the Role of Europe” at the School of Trans-National Governance, European University Institute in Florence
- Discussed research on financial participation and depolarization and moderated discussion with Jamie Dimon, CEO of JPMorganChase, chair of the US Business Roundtable.
- Advised South and Central Asia Roundtable at SCUSA, US Military at West Point.
- Hosted the Minister of Education, Culture and Sports, Mikheil Baatavili, Senior Advisor and Former Minister, Mikheil Chkhenkheli, and their delegation from the Republic of Georgia
- Presented “Swords into Bank Shares: Financial Solutions for Polarization and Conflict to and audience of NGOs at the Positive Peace Conference.
- Became Advisor: the Depolarization Project
- Became a Faculty Affiliate: Center for Effective Global Action (CEGA), UC-Berkeley
- Became a Faculty Affiliate: Jameel Poverty Action Lab (J-PAL)
- Performed Policy Training for NGOs and practitioners at the Stanford King Center’s program on “What Works for Reducing Poverty”
- Innovations for Poverty Action: Peace and Recovery Review Board

- In December, will be faculty advisor on Stanford GSB MBA delegation meeting President Joko Widodo of Indonesia.

## **COLIN KAHL**

### ***Courses taught***

- PS114 International Security in a Changing World (with Gabrielle Hecht and Harold Trinkunas)
- INTLPOL 306 Decision Making in U.S. Foreign Policy
- Guest lectures for MS&E 193 Technology and National Security and INTLPOL 233 Presidential Decision Making in War Time

### ***Invited talks***

- Stanford International Relations Diploma Ceremony, Commencement Address, June 2019
- World Affairs Council, July 2019
- Vi at Palo Alto, September 2019
- Palo Alto Club, October 2019
- UC Santa Barbara, December 2019

### ***Policy engagement***

- “This is How Easily the U.S. and Iran Could Blunder Into War,” *Washington Post*, May 23, 2019.
- “It’s John Bolton’s World. Trump is Just Living in It” (with Jon Wolfsthal), *Los Angeles Times*, May 14, 2019.
- “Trump’s Iran Policy is Becoming Dangerous,” *Foreign Policy*, May 7, 2019.
- Engagement with senior Israeli military and intelligence officials on Iran and regional issues, Jerusalem and Tel Aviv, March 2019
- Twice monthly foreign policy briefings to former Vice President Biden

## **STEPHEN KRASNER**

### ***Academic Publications***

- “How to Make Love to a Despot” manuscript completed to be published by Norton in April 2020

### ***Courses Taught***

- PoliSci 101 Intro to Intl Relations

### ***Invited Talks***

- Boalt, UC Berkeley Feb 2019
- Hoover Institution, Policy Boot Camp 9/2019
- Purdue University 5/2019Brazil, Intl Relations Society, Uberlandia Brazil May/2019
- Brazil Intl Relations Society, Uberlandia Brazil, May 2019
- Stanford Alumni Association, Istanbul Turkey, June 2019
- Academic Exchange, New York June 2019

### ***Policy Engagement***

- Meeting with South Korean consul Jan 2019
- Board of Directors, United States Institute of Peace Jan-Dec 2019

## DAVID LOBELL

### *Academic Publications*

- \*Jain, M., Rao, P., Srivastava, A.K., Poonia, S., Blesh, J., Azzari, G., McDonald, A.J. and Lobell, D.B., 2019. The impact of agricultural interventions can be doubled by using satellite data. *Nature Sustainability*, 2(10), pp.931-934.
- Lobell, D.B., Azzari, G., Burke, M., Gurlay, S., Jin, Z., Kilic, T. and Murray, S., 2019. Eyes in the Sky, Boots on the Ground: Assessing Satellite-and Ground-Based Approaches to Crop Yield Measurement and Analysis. *American Journal of Agricultural Economics*.
- \*Zaveri, E. and Lobell, D.B., 2019. The role of irrigation in changing wheat yields and heat sensitivity in India. *Nature communications*, 10(1), pp.1-7.
- Gurlay, S., Kilic, T. and Lobell, D.B., 2019. A new spin on an old debate: Errors in farmer-reported production and their implications for inverse scale-Productivity relationship in Uganda. *Journal of Development Economics*, p.102376.
- \*Beal Cohen, A.A., Seifert, C.A., Azzari, G. and Lobell, D.B., 2019. Rotation Effects on Corn and Soybean Yield Inferred from Satellite and Field-level Data. *Agronomy Journal*.
- Leakey, A.D., Ferguson, J.N., Pignon, C.P., Wu, A., Jin, Z., Hammer, G.L. and Lobell, D.B., 2019. Water use efficiency as a constraint and target for improving the resilience and productivity of C3 and C4 crops. *Annual review of plant biology*, 70, pp.781-808.
- \*Jin, Z., Azzari, G., You, C., Di Tommaso, S., Aston, S., Burke, M. and Lobell, D.B., 2019. Smallholder maize area and yield mapping at national scales with Google Earth Engine. *Remote Sensing of Environment*, 228, pp.115-128.
- \*Jin, Z., Archontoulis, S.V. and Lobell, D.B., 2019. How much will precision nitrogen management pay off? An evaluation based on simulating thousands of corn fields over the US Corn-Belt. *Field Crops Research*, 240, pp.12-22.
- \*Azzari, G., Grassini, P., Edreira, J.I.R., Conley, S., Mourtzinis, S. and Lobell, D.B., 2019. Satellite mapping of tillage practices in the North Central US region from 2005 to 2016. *Remote sensing of environment*, 221, pp.417-429.
- Cai, Y., Guan, K., Lobell, D., Potgieter, A.B., Wang, S., Peng, J., Xu, T., Asseng, S., Zhang, Y., You, L. and Peng, B., 2019. Integrating satellite and climate data to predict wheat yield in Australia using machine learning approaches. *Agricultural and Forest Meteorology*, 274, pp.144-159.
- \*Wang, S., Azzari, G. and Lobell, D.B., 2019. Crop type mapping without field-level labels: Random forest transfer and unsupervised clustering techniques. *Remote Sensing of Environment*, 222, pp.303-317.
- \*Perez A, Ganguli S, Ermon S, Azzari G, Burke M, Lobell D. 2019. Semi-supervised multitask learning on multispectral satellite images using wasserstein generative adversarial networks (gans) for predicting poverty. arXiv preprint arXiv:1902.11110. 2019 Feb 13.
- Duffy, P.B., Field, C.B., Diffenbaugh, N.S., Doney, S.C., Dutton, Z., Goodman, S., Heinzerling, L., Hsiang, S., Lobell, D.B., Mickley, L.J. and Myers, S., 2019. Strengthened scientific support for the Endangerment Finding for atmospheric greenhouse gases. *Science*, 363(6427), p.eaat5982.
- UzKent, B., Sheehan, E., Meng, C., Tang, Z., Burke, M., Lobell, D. and Ermon, S., 2019. Learning to Interpret Satellite Images in Global Scale Using Wikipedia. arXiv preprint arXiv:1905.02506.

### *Courses Taught*

- Data for Sustainable Development
- Feeding Nine Billion
- Climate and Society
- Principles of Effective Decision Making for Sustainability (in GSB)

### *Invited Talks*

- September 2019 Millennium Challenge Corporation. "Remote sensing for agricultural monitoring and impact evaluation"

- September 2019 African Green Revolution Forum, Accra, Ghana, “Consistent and transparent measurements of regional crop production”
- July 2019 Blue River Technologies, “Productivity in US Agriculture”
- June 2019 NASA, “Progress on crop area and yield mapping in Eastern Africa”

### ***Policy Engagement***

- Global Commission on Climate Adaptation, Advisor

## **PRASHANT LOYALKA**

### ***Academic publications***

- Loyalka, P., et al. (2019). “Computer Science Skills across China, India, Russia, and the United States” *Proceedings of the National Academy of Sciences*.
- Loyalka, P., \*Popova, A., Li, G.R., \*Shi, Z.L. (2019). “Does Teacher Training Actually Work? Evidence from a Large-Scale Randomized Evaluation of a National Teacher Training Program.” *American Economic Journal: Applied Economics*.
- Loyalka, P., Sylvia, S., Liu, C.F., \*Chu, J., Shi, Y.J. (2019). “Pay by Design: Teacher Performance Pay Design and the Distribution of Student Achievement.” *Journal of Labor Economics*.
- \*Chu, J., Li, G.R., Loyalka, P., Liu, C.F., Li, Y.Y., \*Ramirez, L. (2019). “Stuck in Place? A Field Experiment on the Effects of Reputational Information on Student Evaluation.” *Social Forces*.
- Shaw et al. (2019). “Thinking Critically about Critical Thinking: Validating the Russian HEIghten® Critical Thinking Assessment.” *Studies in Higher Education*.
- Li, G.R. \*Lin, M., Liu, C.F., \*Johnson, A., Li, Y.Y., Loyalka, P. (2019). “The Prevalence of Parent-Teacher Interaction in Developing Countries and Its Effect on Student Outcomes.” *Teaching and Teacher Education*.
- Chirikov, I., \*Shmeleva, E., Loyalka, P. (2019). “The Role of Faculty in Reducing Academic Dishonesty among Students.” *Studies in Higher Education*.
- Chang, F., \*Jiang, Y.X., Loyalka, P., \*Chu, J., \*Osborn, A., Rozelle, S. (2019). Parental Migration, Educational Achievement, and Mental Health of Junior High School Students in Rural China. *China Economic Review*.
- \*Lu, M.C., Loyalka, P., Shi, Y.J., Liu, C.F., Liu, C.F., Rozelle, S. (2019). “The Impact of Teacher Professional Development Programs on Student Achievement in Rural China.” *Journal of Development Effectiveness*.
- Loyalka, P. (2019). “Strengths and Shortcomings of Randomized Controlled Trials (RCTs): Reflections from REAP’s Experiences in China.” *World Yearbook of Education: Comparative Methodology in an Era of Big Data and Global Networks*. Eds. Gorur, R., Sellar, S., Steiner-Khamsi G.
- Beteille, T., Bhuradia, A., Loyalka, P. (2019). “The Political Economy of Skilling College Graduates in South Asia.” *Handbook of Education Systems in South Asia. (alphabetical)*

### ***Courses taught***

- EDUC 222 Resource Allocation in Education (Spring 2019)
- EDUC 489 RILE (Race, Inequality, and Language in Education) Colloquium (Spring 2019)

### ***Invited talks***

- EPIC Forum (Stanford University)
- RILE Forum (Stanford University)
- Higher School of Economics, Institute of Education
- Shinshin Foundation

- Northeast Normal University, China
- World Bank - India

### ***Policy engagement***

- Ministry of Human Resources and Development, India
- All-India Council for Technical Education, India
- National Planning Implementation Unit, India
- World Bank

## **STEPHEN LUBY**

### ***Academic publications***

- Naser AM, Rahman M, Unicomb L, Doza S, Anand S, Chang HH, Luby SP, Clasen TF, Narayan KMV. Comparison of Urinary Sodium and Blood Pressure Relationship From the Spot Versus 24-Hour Urine Samples. *J Am Heart Assoc*. 2019 Nov 5; 8(21):e013287.
- Yeasmin F, Sultana F, Unicomb L, Nizame FA, Rahman MM, Kabir H, Winch PJ, Luby SP. Piloting a Shared Source Water Treatment Intervention among Elementary Schools in Bangladesh. *Am J Trop Med Hyg*. 2019 Nov; 101(5):984-993.
- Pickering AJ, Arnold BF, Prendergast AJ, Null C, Winch PJ, Njenga SM, Rahman M, Ntozini R, Benjamin-Chung J, Stewart CP, Colford JM Jr, Luby S, Humphrey JH. Moving towards transformational WASH - Authors' reply. *Lancet Glob Health*. 2019 Nov; 7(11):e1494-e1495.
- Li T, Chen X, Wang H, Openshaw JJ, Zhong B, Felt SA, Ito A, Luby SP. High prevalence of taeniasis and *Taenia solium* cysticercosis in children in western Sichuan, China. *Acta Trop*. 2019 Nov; 199:105133.
- Baker S, Ali M, Deerin JF, Eltayeb MA, Cruz Espinoza LM, Gasmelseed N, Im J, Panzner U, Kalckreuth VV, Keddy KH, Pak GD, Park JK, Park SE, Sooka A, Sow AG, Tall A, Luby S, Meyer CG, Marks F. The Typhoid Fever Surveillance in Africa Program: Geospatial Sampling Frames for Household-based Studies: Lessons Learned From a Multicountry Surveillance Network in Senegal, South Africa, and Sudan. *Clin Infect Dis*. 2019 Oct 30; 69(Supplement 6):S474-S482.
- Forsyth JE, Weaver KL, Maher K, Islam MS, Raqib R, Rahman M, Fendorf S, Luby SP. Sources of Blood Lead Exposure in Rural Bangladesh. *Environ Sci Technol*. 2019 Oct 1; 53(19):11429-11436.
- Das P, Sazzad HMS, Aleem MA, Rahman MZ, Rahman M, Anthony SJ, Lipkin WI, Gurley ES, Luby SP, Openshaw JJ. Hospital-based zoonotic disease surveillance in Bangladesh: design, field data and difficulties. *Philos Trans R Soc Lond B Biol Sci*. 2019 Sep 30; 374(1782):20190019.
- Parvez SM, Azad R, Pickering AJ, Kwong LH, Arnold BF, Rahman MJ, Rahman MZ, Alam M, Sen D, Islam S, Rahman M, Colford JM Jr, Luby SP, Unicomb L, Ercumen A. Microbiological contamination of young children's hands in rural Bangladesh: Associations with child age and observed hand cleanliness as proxy. *PLoS One*. 2019 Sep 10; 14(9):e0222355.
- Fuhrmeister ER, Ercumen A, Pickering AJ, Jeanis KM, Ahmed M, Brown S, Arnold BF, Hubbard AE, Alam M, Sen D, Islam S, Kabir MH, Kwong LH, Islam M, Unicomb L, Rahman M, Boehm AB, Luby SP, Colford JM, Nelson KL. Predictors of Enteric Pathogens in the Domestic Environment from Human and Animal Sources in Rural Bangladesh. *Environ Sci Technol*. 2019 Sep 3; 53(17):10023-10033.
- Nizame FA, Alam MU, Masud AA, Shoab AK, Opel A, Islam MK, Luby SP, Unicomb L. Hygiene in Restaurants and among Street Food Vendors in Bangladesh. *Am J Trop Med Hyg*. 2019 Sep; 101(3):566-575.
- Pickering AJ, Crider Y, Sultana S, Swarthout J, Goddard FG, Anjerul Islam S, Sen S, Ayyagari R, Luby SP. Effect of in-line drinking water chlorination at the point of collection on child diarrhoea in urban Bangladesh: a double-blind, cluster-randomised controlled trial. *Lancet Glob Health*. 2019 Sep; 7(9):e1247-e1256.

- Cumming O, Arnold BF, Ban R, Clasen T, Esteves Mills J, Freeman MC, Gordon B, Guiteras R, Howard G, Hunter PR, Johnston RB, Pickering AJ, Prendergast AJ, Prüss-Ustün A, Rosenboom JW, Spears D, Sundberg S, Wolf J, Null C, Luby SP, Humphrey JH, Colford JM. The implications of three major new trials for the effect of water, sanitation and hygiene on childhood diarrhea and stunting: a consensus statement. *BMC Med.* 2019 Aug 28; 17(1):173.
- Hegde ST, Salje H, Sazzad HMS, Hossain MJ, Rahman M, Daszak P, Klena JD, Nichol ST, Luby SP, Gurley ES. Using healthcare-seeking behaviour to estimate the number of Nipah outbreaks missed by hospital-based surveillance in Bangladesh. *Int J Epidemiol.* 2019 Aug 1; 48(4):1219-1227.
- Benjamin-Chung J, Abedin J, Berger D, Clark A, Jimenez V, Konagaya E, Tran D, Arnold BF, Hubbard AE, Luby SP, Miguel E, Colford JM. Spillover effects on health outcomes in low- and middle-income countries: a systematic review. *Int J Epidemiol.* 2019 Aug 1; 48(4):1387.
- Stewart CP, Dewey KG, Colford JM Jr, Rahman M, Luby SP. Reply to S Rahman and S Ireen. *Am J Clin Nutr.* 2019 Aug 1; 110(2):520.
- Wichaidit W, Biswas S, Begum F, Yeasmin F, Nizame FA, Najnin N, Leontsini E, Winch PJ, Unicomb L, Luby SP, Ram PK. Effectiveness of a large-scale handwashing promotion intervention on handwashing behaviour in Dhaka, Bangladesh. *Trop Med Int Health.* 2019 Aug; 24(8):972-986.
- Pickering AJ, Null C, Winch PJ, Mangwadu G, Arnold BF, Prendergast AJ, Njenga SM, Rahman M, Ntozini R, Benjamin-Chung J, Stewart CP, Huda TMN, Moulton LH, Colford JM Jr, Luby SP, Humphrey JH. The WASH Benefits and SHINE trials: interpretation of WASH intervention effects on linear growth and diarrhoea. *Lancet Glob Health.* 2019 Aug; 7(8):e1139-e1146.
- Najnin N, Leder K, Forbes A, Unicomb L, Qadri F, Ram PK, Winch PJ, Begum F, Biswas S, Parvin T, Yeasmin F, Cravioto A, Luby SP. Inconsistency in Diarrhea Measurements when Assessing Intervention Impact in a Non-Blinded Cluster-Randomized Controlled Trial. *Am J Trop Med Hyg.* 2019 Jul; 101(1):51-58.
- Naser AM, Clasen TF, Luby SP, Rahman M, Unicomb L, Ahmed KM, Doza S, Ourshalimian S, Chang HH, Stowell JD, Narayan KMV, Shamsudduha M, Patel SA, O'Shea B, Gribble MO. Groundwater Chemistry and Blood Pressure: A Cross-Sectional Study in Bangladesh. *Int J Environ Res Public Health.* 2019 Jun 28; 16(13). pii: E2289.
- Humphrey J, Pickering A, Null C, Winch P, Mangwadu G, Arnold B, Prendergast A, Njenga S, Rahman M, Ntozini R, Benjamin-Chung J, Stewart C, Huda T, Moulton L, Colford J, Luby S. The WASH Benefits and SHINE Trials. Interpretation of Findings on Linear Growth and Diarrhoea and Implications for Policy: Perspective of the Investigative Teams (P10-136-19). *Curr Dev Nutr.* 2019 Jun 13; 3(Suppl 1). pii: nzz034.P10-136-19.
- Nikolay B, Salje H, Hossain MJ, Khan AKMD, Sazzad HMS, Rahman M, Daszak P, Ströher U, Pulliam JRC, Kilpatrick AM, Nichol ST, Klena JD, Sultana S, Afroj S, Luby SP, Cauchemez S, Gurley ES. Transmission of Nipah Virus - 14 Years of Investigations in Bangladesh. *N Engl J Med.* 2019 May 9; 380(19):1804-1814.
- Naser M, Rahman M, Unicomb L, Doza S, Gazi MS, Alam GR, Karim MR, Uddin MN, Khan GK, Ahmed KM, Shamsudduha M, Anand S, Narayan KMV, Chang HH, Luby SP, Gribble MO, Clasen TF. Drinking Water Salinity, Urinary Macro-Mineral Excretions, and Blood Pressure in the Southwest Coastal Population of Bangladesh. *J Am Heart Assoc.* 2019 May 7; 8(9):e012007.
- Ercumen A, Benjamin-Chung J, Arnold BF, Lin A, Hubbard AE, Stewart C, Rahman Z, Parvez SM, Unicomb L, Rahman M, Haque R, Colford JM Jr, Luby SP. Effects of water, sanitation, handwashing and nutritional interventions on soil-transmitted helminth infections in young children: A cluster-randomized controlled trial in rural Bangladesh. *PLoS Negl Trop Dis.* 2019 May 3; 13(5):e0007323.
- Horng LM, Kakoly NS, Abedin J, Luby SP. Effect of household relocation on child vaccination and health service utilisation in Dhaka, Bangladesh: a cross-sectional community survey. *BMJ Open.* 2019 Mar 15; 9(3):e026176.
- Haque F, Rahman M, Banu NN, Sharif AR, Jubayer S, Shamsuzzaman A, Alamgir A, Erasmus JH, Guzman H, Forrester N, Luby SP, Gurley ES. An epidemic of chikungunya in northwestern Bangladesh



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- Saha S, Islam MS, Sajib MSI, Saha S, Uddin MJ, Hooda Y, Hasan M, Amin MR, Hanif M, Shahidullah M, Islam M, Luby SP, Andrews JR, Saha SK. Epidemiology of Typhoid and Paratyphoid: Implications for Vaccine Policy. *Clin Infect Dis*. 2019 Mar 7; 68(Supplement\_2):S117-S123.
- Almada A, Myers SS, Golden CD, Burke KS, Luby SP. Planetary Health Alliance 2019 call for abstracts. *Lancet Planet Health*. 2019 Mar; 3(3):e111.
- Huda TMN, Schmidt WP, Pickering AJ, Unicomb L, Mahmud ZH, Luby SP, Biran A. Effect of neighborhood sanitation coverage on fecal contamination of the household environment in rural Bangladesh. *Am J Trop Med Hyg*. 2019 Mar; 100(3):717-726.
- Najnin N, Leder K, Forbes A, Unicomb L, Winch PJ, Ram PK, Nizame FA, Arman S, Begum F, Biswas S, Cravioto A, Luby SP. Impact of a large-scale handwashing intervention on reported respiratory illness: findings from a cluster randomized control trial. *Am J Trop Med Hyg*. 2019 Mar; 100(3):742-749.
- Naser AM, Doza S, Rahman M, Ahmed KM, Gazi MS, Alam GR, Karim MR, Khan GK, Uddin MN, Mahmud MI, Ercumen A, Rosenbaum J, Annis J, Luby SP, Unicomb L, Clasen TF. Sand barriers around latrine pits reduce fecal bacterial leaching into shallow groundwater: a randomized controlled trial in coastal Bangladesh. *Environ Sci Technol*. 2019 Feb 19; 53(4):2105-2113.
- Stewart CP, Dewey KG, Lin A, Pickering AJ, Byrd KA, Jannat K, Ali S, Rao G, Dentz HN, Kiprotich M, Arnold CD, Arnold BF, Allen LH, Shahab-Ferdows S, Ercumen A, Grembi JA, Naser AM, Rahman M, Unicomb L, Colford JM, Luby SP, Null C. Effects of lipid-based nutrient supplements and infant and young child feeding counseling with or without improved water, sanitation, and hygiene (WASH) on anemia and micronutrient status: results from 2 cluster-randomized trials in Kenya and Bangladesh. *Am J Clin Nutr*. 2019 Jan 1; 109(1):148-164.
- Saha S, Tanmoy AM, Andrews JR, Sajib MSI, Yu AT, Baker S, Luby SP, Saha SK. Evaluating PCR-Based Detection of *Salmonella* Typhi and Paratyphi A in the Environment as an Enteric Fever Surveillance Tool. *Am J Trop Med Hyg*. 2019 Jan; 100(1):43-46.
- Anderson DE, Islam A, Crameri G, Todd S, Islam A, Khan SU, Foord A, Rahman MZ, Mendenhall IH, Luby SP, Gurley ES, Daszak P, Epstein JH, Wang LF. Isolation and Full-Genome Characterization of Nipah Viruses from Bats, Bangladesh. *Emerg Infect Dis*. 2019 Jan; 25(1):166-170.
- Andrews JR, Baker S, Marks F, Alsan M, Garrett D, Gellin BG, Saha SK, Qamar FN, Yousafzai MT, Bogoch II, Antillon M, Pitzer VE, Kim JH, John J, Gauld J, Mogasale V, Ryan ET, Luby SP, Lo NC. Typhoid conjugate vaccines: a new tool in the fight against antimicrobial resistance. *Lancet Infect Dis*. 2019 Jan; 19(1):e26-e30.

### **Courses taught**

- Practical Approaches to Global Health Research (INTPOL 290)
- Preventing Human Extinction (THINK65)

### **Invited talks**

- “Nipah virus: Pandemic threats and countermeasures.” The American Society of Microbiology Biothreats 2019. Arlington, VA, USA. January 30, 2019.
- “Preventing human extinction as a global health goal.” Consortium of Universities of Global Health. Chicago. March 3, 2019
- “A Timeline for Typhoid Elimination.” 11th International Conference on Typhoid and Other Invasive Salmonellosis. Hanoi, Vietnam. March 28, 2019.
- “Will powerful technology drive humans to extinction by 2100?” Tech-X 2019. Shanghai. July 26, 2019
- “Zoonotic spillover, person to person transmission, and global risk of Nipah virus” New Vaccine for Saving Lives Symposium. University of Tokyo. September 30, 2019
- “Field epidemiological capacity for Nipah surveillance, alert and detection: needs and gaps - A global perspective” World Health Organization -- South East Asia Regional Office Nipah Consultation. Delhi, India. October 16, 2019

- “World Health Organization Nipah R&D Roadmap.” Nipah@20, Singapore. December 9, 2019
- “Resolving epidemiological uncertainties to inform development of Nipah countermeasures.” Nipah@20, Singapore. December 10, 2019

### ***Policy engagement***

- **Lead in turmeric in Bangladesh:** We published work in September 2019 that identified the primary source of elevated blood lead levels across rural Bangladesh as adulteration of turmeric with lead chromate. This adulteration was motivated driven by processors desire to capture a higher price from turmeric that appeared bright yellow. I met with the Bangladesh Food Safety Authority and other stakeholders including turmeric processors in March, August and November. Coincident with our publications we supported our local partners in Bangladesh to issue a press release summarize the study results. This attracted considerable national media attention. Within 3 days of the press release, the Bangladesh Food Safety Authority banned the use of any colorant in spices. They adopted prevention materials that we had developed to inform people of the risk and to illustrate steps they could take to reduce their lead exposure. The Food Safety Authority printed 50,000 copies of the materials for distribution through their district offices. Four weeks later the prime minister’s office banned the export of any turmeric from Bangladesh until the problem of turmeric adulteration could be addressed.
- **Municipal water quality in Navi Mumbai India.** As part of our work evaluating a typhoid fever vaccine in Navi Mumbai India, we have also collected samples of municipal water and confirmed that 13% of all randomly drawn samples were contaminated with the bacteria that causes typhoid fever. I and my collaborators met with the Commissioner of The Navi Mumbai Municipal Corporation. I explained that although the water leaving the Navi Mumbai Municipal Corporation water treatment plants met the World Health Organizations criteria for potability, this clean water was being put into a distribution system that had many breaks in the pipes and because these pipes coursed through areas of sewage contamination, and water ran only intermittently, the water was transmitting typhoid to city residents. Although we see some benefit from the vaccine, there will continue to be pathogens transmitted through water, unless deficiencies in the distribution system are addressed. The results were surprisingly well received. We are following up on their request to provide for geographic information so that there municipal water and sanitation authorities can develop strategies to address this.
- **Brick kiln emissions in Bangladesh.** I met with the Director of the Bangladesh Department of Environment and discussed strategies for reducing brick kiln emissions. We discussed both long-term and short-term strategies that would be consistent with their upcoming new clean air dictates and the information that Stanford might be able to generate that would be helpful in optimizing policy implementation.
- **Reducing the pandemic risk associated with Nipah virus.** I have been engaged in a series of conversations with the World Health Organization, the Government of Bangladesh, and the Government of India regarding appropriate policy response to the threat of a Nipah pandemic. I stressed the importance of surveillance. I’m working with multiple groups who are developing vaccine candidates that we will be testing in Bangladesh.

## **ROB MACCOUN**

### ***Academic publications***

- MacCoun, R. J., Hans, V. P., Tyler, T. R. (eds.). (2018). *Annual Review of Law and Social Science*, 14.
- MacCoun, R. J. (2019, September 30). Obituary: Mark Kleiman. Society for the Study of Addiction, <https://www.addiction-ssa.org/knowledge-hub/obituary-mark-kleiman/>
- MacCoun, R. J. (in press). P-hacking: A strategic analysis. To appear in Lee Jussim, Sean T. Stevens, & Jon A. Krosnick (eds.), *Research integrity in the behavioral sciences*. Oxford

- Teichman, D., Talley, E., Egidy, S., Engel, C., Gummadi, K. P., Hagel, K., Lewandowsky, S., MacCoun, R. J., Utz, S., & Zamir, E. (in press). The institutional implications of deliberate ignorance. In R. Hertwig and C. Engel (eds.), *Deliberate ignorance: Choosing not to know*. Cambridge, MA: MIT Press.
- MacCoun, R. J. (in press). Blinding to remove biases in science and society. In R. Hertwig and C. Engel (eds.), *Deliberate ignorance: Choosing not to know*. Cambridge, MA: MIT Press.

### ***Courses taught***

- Elements of Policy Analysis
- Research Design for Empirical Legal Studies
- Policy Lab: Methods of Human Rights Advocacy

### ***Invited talks***

- Fentanyl and harm reduction. American Society of Criminology, 14 November 2019.
- Risky health behaviors: The total harm framework. Claremont Symposium on Applied Social Psychology, Claremont Graduate University, 10 November 2019.
- Understanding the sources of resistance to heroin-assisted treatment in the US public health community. Stockholm Symposium on Criminology, Stockholm, Sweden, 10 June 2019.
- What I've learned about psychology by collaborating with non-psychologists. James McKeen Cattell Award address. Annual Meeting of the Association for Psychological Science, Washington, D.C., 25 May 2019.
- Modeling tipping points in the movement of people vs. the movement of ideas. Annual Meeting of the Association for Psychological Science, Washington, D.C., 24 May 2019.

### ***Policy engagement***

- 2019 James McKeen Cattell Award for a “lifetime of significant achievements in applied psychological research and their impact on critical problems and challenges in society at large,” Association for Psychological Science.

## **MICHAEL MCFAUL**

### ***Academic publications***

- “Trump’s Gift to Putin,” *Foreign Affairs* (October 2019).
- *Putinism and the 2016 U.S. Presidential Election* (Stanford, CA: March 2019).
- *Securing American Elections: Prescriptions for Enhancing the Integrity and Independence of the 2020 U.S. Presidential Election and Beyond*, with Allison Berke, Larry Diamond, Eileen Donahoe, Andrew Grotto, Toomas Ilves, Bronte Kass, Zachary Krowitz, Herbert Lin, Megan Metzger, Chris Painter, Nate Persily, Sergey Sanovich, and Alex Stamos (Stanford University, June 2019).

### ***Courses taught***

- Foreign Policy Decision Making in Comparative Perspective.

### ***Invited talks***

- Association for Slavic, East European, and Eurasian Studies Conference, Populism and Democratic Backsliding in Post-communist Europe, San Francisco, November 25, 2019.
- From Cold War to Hot Peace, Valley Beth Shalom Day School, November 19, 2019.
- AI Ethics, Policy and Governance Conference, Stanford University, October 29, 2019.
- Reunion Homecoming Weekend: Classes Without Quizzes, Stanford University, October 24, 2019.
- Richard W. Smith Lecture in Cultural Studies, California State University Northridge, October 24, 2019.

- Frank Church Conference on Public Affairs, Boise State University, October 14, 2019.
- Stanford Alumni Association, Los Angeles, October 13, 2019.
- From Cold War to Hot Peace, Palo Alto, October 7, 2019.
- CREEES 50<sup>th</sup> Anniversary Panel, Stanford University, October 4, 2019.
- From Cold War to Hot Peace, Gunn High School, October 3, 2019.
- Hoover Institution Centennial Lecture Series, Stanford University, September 24, 2019.
- Stanford China Economic Forum, Stanford University, September 16, 2019.
- Colorado Springs World Affairs Council, Colorado Springs, September 11, 2019.
- Citizen Diplomat Award Evening, WorldDenver Fall Fundraiser, Denver, September 10, 2019.
- Perspectives on Governance of Artificial Intelligence, Stanford University, August 27, 2019.
- US-China Summit, San Francisco, August 24, 2019.
- Hoover Institution Stuart Family Congressional Fellowship, Stanford University, August 19, 2019.
- SRC Training Seminar, Stanford University, August 15, 2019.
- Draper Hills Summer Fellows Program, Stanford University, July 29, 2019.
- Renmin University Dialogue, Beijing, July 12, 2019.
- The World Peace Forum, Beijing, July 8-9, 2019.
- Thinkers Forum, Beijing, July 1, 2019.
- Seminar for Promoting International Cooperation around Artificial Intelligence, Beijing, June 24, 2019.
- Securing Our Cyber Future: Innovative Approaches to Digital Threats, Stanford University, June 6, 2019.
- The Stanford China Program's Oksenberg Conference, Stanford University, May 17, 2019.
- SALT Conference, Las Vegas, May 9, 2019.
- Sonoma Valley Authors Festival, Sonoma, May 5, 2019.
- Asia-Pacific Geo-Economic Forum, Stanford University, May 2, 2019.
- What Matters to Me and Why, Stanford University, May 1, 2019.
- Hoover Media Roundtable, Stanford University, April 29, 2019.
- San Mateo Public Library Annual Authors Gala, San Mateo, April 27, 2019.
- Hoover Institution Stuart Family Congressional Fellowship, Stanford University, April 23, 2019.
- STARS Assembly, Stanford University, April 13, 2019.
- From Cold War to Hot Peace, Carroll College, April 11, 2019.
- Presidential Lecture Series, University of Montana, April 10, 2019.
- "Putin's Playbook: The Kremlin's Use of Oligarchs, Money and Intelligence in 2016 and Beyond," Testimony before the U.S. House Permanent Select Committee on Intelligence, March 28, 2019.
- From Cold War to Hot Peace, Vanderbilt University, March 27, 2019.
- Hoover Institution Desert Conference, The Vintage Club, March 25, 2019.
- Washington Speakers Bureau East Bay Leadership Council Luncheon, San Ramon, March 21, 2019.
- STARR Forum, Massachusetts Institute of Technology, March 14, 2019.
- From Cold War to Hot Peace, Tufts University, March 13, 2019.
- The Alex and Lena Casper Memorial Lecture, Miami University of Ohio, March 12, 2019.
- Tucson Festival of Books Panel, Tucson, March 3, 2019.
- Global Populisms and Their International Diffusion, Stanford University, March 2, 2019.
- National Association of Real Estate Investment Trusts, Washington D.C., February 25, 2019.
- San Jose Rotary Club, San Jose, February 20, 2019.
- China Symposium, Stanford University, February 12, 2019.
- Politics and Public Policy Lecture Series, Stanford University, February 4, 2019.
- From Cold War to Hot Peace, Cupertino, January 23, 2019.
- Stanford University Women's Club, Stanford University, January 23, 2019.
- U.S. Air Force Weapons School and Phoenix Horizon, Stanford University, January 14, 2019.
- World Affairs Council of Dallas/Fort Worth, Dallas, January 10, 2019.

- Stanford Distinguished Careers Institute, Stanford University, January 9, 2019.

### ***Policy engagement***

- “Here’s how Russia will attack the 2020 election. We’re still not ready,” (with Renee DiResta and Alex Stamos) *The Washington Post*, November 15, 2019.
- “The Deeply Dedicated State,” *The New York Review of Books*, October 31, 2019.
- “Alexander Vindman should be celebrated, not smeared,” *The Washington Post*, October 30, 2019.
- “The Trump-Ukraine scandal proves we need to clean up U.S. diplomacy,” *The Washington Post*, October 18, 2019.
- “Here’s what a presidential phone call with a foreign leader looks like in a normal White House,” *The Washington Post*, September 30, 2019.
- “How Vladimir Putin is outplaying the U.S. in Africa,” (with Grant Harris) *The Washington Post*, September 17, 2019.
- “In foreign policy, Trump gets points for creativity. Results, not so much,” *The Washington Post*, September 10, 2019.
- “A high-level Senate report confirms it: Our elections still aren’t safe,” *The Washington Post*, July 30, 2019.
- “China is winning the ideological battle with the U.S.” *The Washington Post*, July 23, 2019.
- “Trump needs to stop siding with our adversaries against other Americans,” *The Washington Post*, May 28, 2019.
- “Europe’s Glorious Years of Peace and Prosperity,” *The New York Times*, May 4, 2019.
- “Russia attacked us. The Mueller report still doesn’t give us the full story,” *The Washington Post*, April 19, 2019.
- “It’s time to secure the 2020 election,” *The Washington Post*, March 26, 2019.
- “Trump’s denuclearization strategies for Iran and North Korea are totally opposite. Why?,” *The Washington Post*, March 1, 2019.
- “Sorry, but Trump is not ‘Tough’ on Russia,” *The Washington Post*, January 16, 2019.

## **GRANT MILLER**

### ***Academic publications***

- Babiarz KS, Ma P, Song S, **Miller G**. Population Sex Imbalance in China before the One Child Policy. *Demographic Research*. 2019;40:319-358.
- Luo R, **Miller G\***, Rozelle S, Sylvia S, Vera-Hernandez M. Can Bureaucrats Really be Paid Like CEOs? School Administrator Incentives for Anemia Reduction in Rural China. *Journal of the European Economic Association*. Accepted.  
\*Corresponding/Lead Author
- Bendavid E, Brooks N, **Miller G**. United States Aid Policy and Induced Abortion in Sub-Saharan Africa: An Analysis of the Mexico City Policy. *Lancet Global Health*. 2019;7:e1046-53.  
*Papers (under Review and under Revision)*
- Bhalotra S\*, Diaz-Cayeros A\*, **Miller G\***, Miranda A\*, Venkataramani A. Municipal Water Disinfection and Mortality Decline in Developing Countries: Evidence from Mexico’s Programa Agua Limpia. Revise and Resubmit.  
\*Denotes equal contribution as senior author.
- Mohanan M, **Miller G\***, Donato K\*, Truskinovsky Y\*, Vera-Hernandez M\*. Different Strokes for Different Folks: Experimental Evidence on the Effectiveness of Input and Output Incentive Contracts for Maternal Health Care in India. Revise and Resubmit.  
\*Denotes equal contribution as senior author.

- **Miller, G**, Mobarak, M. Gender Differences in Preferences, Intra-Household Externalities, and Low Demand for Improved Cookstoves. Revise and Resubmit.
- Alsan M, Atella V, Bhattacharya J, Conti V, Mejía-Guevara I, **Miller G**. Technological Progress and Health Convergence: The Case of Penicillin in Post-War Italy. Under Review.
- Babiarz KS, Ma P, **Miller G\***, Song S. The Limits (and Human Costs) of Population Policy: Fertility Decline and Sex Selection in China under Mao. Under Review.  
\*Corresponding/Lead Author
- Babiarz KS\*, Lee J\*, **Miller G\***, Tey NP, Valente C. Family Planning and Women's Economic Empowerment: Incentive Effects and Direct Effects among Malaysian Women. Under Review.  
\*Denotes equal contribution following social science standards.
- Babiarz KS\*, Lee J\*, **Miller G\***, Tey NP, Valente C. Family Planning and Fertility Behavior: Evidence from Twentieth Century Malaysia. Under Review.  
\*Denotes equal contribution following social science standards.

### ***Courses taught***

- Economics of Health Improvement in Developing Countries

### ***Invited talks***

- UC San Diego Department of Economics: "The Limits (and Human Costs) of Population Policy: Fertility Decline and Sex Selection in China under Mao"
- University of Houston Department of Economics: "The Limits (and Human Costs) of Population Policy: Fertility Decline and Sex Selection in China under Mao"
- University of Illinois at Urbana-Champaign Department of Economics: "NAFTA, Food Prices, and Obesity in Mexico"

### ***Policy engagement***

- "Fortification of Staples to Achieve Nutritional Security", Co-Principal Investigator (with Aprajit Mahajan, Reynaldo Martorell, and Alessandro Tarozzi), Tata Trusts
- "Reducing Anemia through Food Fortification at Scale", Co-Principal Investigator (with Aprajit Mahajan, Reynaldo Martorell, and Alessandro Tarozzi), Global Innovation Fund
- "The Stanford-India Health Policy Initiative and Micronutrient Deficiencies in Tamil Nadu, India", Principal Investigator, Global Development and Poverty Initiative, Stanford University
- Scientific Advisory Committee, Michigan Contraceptive Access, Research, and Evaluation Study (M-CARES)
- Non-Resident Fellow, Center for Global Development
- Chair, Selection Committee, George Rosenkranz Prize for Health Care Research in Developing Countries
- Faculty Advisory Board Member, Stanford Journal of Public Health
- Executive Committee, Stanford Population Center (Center Director: Shripad Tuljapurkar)

## **ROSAMOND NAYLOR**

### ***Academic publications***

- **Naylor, R. L.** (2019). Long-run uncertainties for U.S. agriculture. *Economic Review*, Federal Reserve Bank of Kansas City Special Issue: 51-84 (October). Available online at <https://www.kansascityfed.org/~media/files/publicat/econrev/econrevarchive/2019/si19naylor.pdf>
- Costello, C., L. Cao, S. Gelcich et al. (**Naylor, R. L.**, contributing author) (2019). The Future of Food from the Sea. Washington, DC: World Resources Institute. Available online at [www.oceanpanel.org/future-food-sea](http://www.oceanpanel.org/future-food-sea)

- Edwards, R. B., Falcon, W. P., Higgins, M. and **R. L. Naylor** (2019). Causes of Indonesia's forest fires. *World Development* (November).
- Alaofe, H., Burney, J., **Naylor, R.**, and Taren, D. (2019). The impact of solar market garden on dietary diversity, women's nutritional status and micronutrients levels in Kalalé district of northern Benin, *Public Health Nutrition* (July): doi:10.1017/S1368980019001599
- Ordway, E. M., **Naylor, R. L.**, Nkongho, R. N., and E. F. Lambin (2019). Oil palm expansion at the expense of forests in Southwest Cameroon associated with proliferation of informal mills, *Nature Communications* 10:114, <https://doi.org/10.1038/s41467-018-07915-2>
- **Naylor, R. L.**, Higgins, M. M., Edwards, R. B., and W. P. Falcon (2019). Decentralization and the environment: assessing smallholder oil palm development in Indonesia. *Ambio* (January), <https://doi.org/10.1007/s13280-018-1135-7>
- Stratton, A., Finley, J., Gustafson, D., Mitcham, E., Myers, S., **Naylor, R.**, Otten, J., and C. Palm (2019). Opportunities and tradeoffs as global fruit and vegetable systems expand to meet dietary recommendations. Submitted to *Nature Food* (November).
- Herrero, M. et al. (**R. Naylor**, contributing author) (2019). Future technologies and food-systems innovation for accelerating progress towards the Sustainable Development Goals. Submitted to *Nature Food* (August).
- Ole-MoiYoi, L. K. and **R. L. Naylor** (2019). The contribution of smallholder aquaculture development to food security in Kenya. Under revision for the *Journal of Aquaculture* (November).
- Sumaila, U. R., Pierruci, A., Oyinlola, M. A., Cannas, R., Froese, R., Glaser, S., Jacquet, J., Kaiser, B., Micheli, F., **Naylor, R.**, and D. Pauly (2019). Aquaculture over-optimism. Fisheries Center, University of British Columbia (in prep., November).
- Edwards, R. B., Falcon, W. P., Hadiwidjaja, G., Higgins, M. M., **Naylor, R. L.**, and S. Sumarto (2019). Fight fire with finance? A randomized field experiment to curtail land-clearing fire in Indonesia. Center on Food Security and the Environment, Stanford University (in prep, November).

### ***Courses taught***

- **The World Food Economy:** Departments of Economics and Earth Systems Science (cross-listed), undergraduates and graduates, survey course on agricultural demand, supply, and trade theory; food security; food policy (Economics 106/206). Winter quarter.
- **Human Society and Environmental Change:** Departments of Earth Systems Science and History (cross-listed), core course on human-environment interactions (Anthrosphere) (ES112/212; History 103D). Fall quarter.

### ***Invited talks***

- April 9, 2019: Featured Speaker, Hopkins Marine Center, Friends of Hopkins Public Lecture Series, "Aquaculture, Oceans, and the Future of Food"
- July 17, 2019: Keynote address, Federal Reserve Bank of Kansas City annual Agriculture Symposium, "Challenging Agriculture's Long-Term Path"
- September 6, 2019: Panel Chair, Planetary Health Alliance: "Food Connects Land & Sea: Integrating Oceans into the Future of Food"
- October 29, 2019: Keynote address, University of Idaho, Aquaculture Research Institute, Aquaculture Summit: "Is Aquaculture on a Sustainable Path?"
- December 12, 2019: Co-organize and lead workshop at the annual Pew Marine Fellows meeting (with Anne Kapucinski, UC Santa Cruz): "Chinese Mariculture 2030: Steps Towards Greater Sustainability"

### ***Policy engagement***

- Policy advising in Jakarta, Indonesia through the Poverty Reduction Task Force (TNP2K) in the Vice President's Office on forest fire prevention and equitable oil palm strategies. Policy conversations include

top officials in the Ministry of Finance, Ministry of Planning, Ministry of Forest and Environment, and Crude Palm Oil (CPO) Fund. (With Wally Falcon and Indonesian team members at TNP2K.)

## JEAN OI

### ***Academic publications***

- *Fateful Decisions: Choices that will Shape China's Future*, edited with Thomas Fingar, forthcoming, Stanford University Press.
- *Zouping Revisited: Adaptive Governance in a Chinese County*, co-edited with Steven Goldstein. Stanford University Press, 2018.
- “Reflections on 40 Years of Rural Reform,” in Jacques deLisle and Avery Goldstein, eds., *Reform and Opening: 40 Years and Counting*, Brookings, 2019.
- “Unpacking the Patterns of Corporate Restructuring during China's SOE Reform,” co-authored with Xiaojun Li, *Economic and Political Studies*, Vol. 6, No. 2, 2018.

### ***Courses taught***

- Topics in Chinese Politics
- Chinese Politics
- The Political Economy of Reform in China
- China Social Science Workshop

### ***Invited talks***

- Tsinghua University, Beijing, China, “Local Government Debt and Central-Local Relations School of Public Policy and Management,” November 13, 2019.
- Southwest University of Economics and Finance, Chengdu, China, “Challenges in Balancing China’s Local Government Budgets,” Nov. 9, 2019
- Tsinghua University, Beijing, China, “Challenges in Balancing China’s Local Government Budgets,” Department of Sociology, Tsinghua University, Nov. 5, 2019
- Central China Normal University, Wuhan, China, “Adaptive Governance and China’s Economic Transformation,” School of Politics and International Studies, November 1, 2019
- Fudan University, Shanghai, China, “Challenges in Balancing China’s Local Government Budgets,” Fudan Institute for Advanced Study, October 11, 2019
- Washington, D.C. “New Domestic Constraints and Choices as China Enters Deep Water Reform,” State Department Briefing, July 18, 2019
- Stanford University, “Governance, Debt, and the Future of Center-Local Relations,” Distinguished Careers Institute (DCI) Colloquium on China, February 27, 2019
- Princeton University, “The Future of Central-Local Relations in China,” China Center, February 8, 2019
- University of Pennsylvania, “40 Years of Rural Reforms,” paper presented at “Reform and Opening: 40 Years and Counting,” Sixth Annual Conference, Center for the Study of Contemporary China, April 26-27, 2018

### ***Policy engagement***

- State Department Briefing, “New Domestic Constraints and Choices as China Enters Deep Water Reform,” July 18, 2019
- Menlo Park, CA, “China under Xi Jinping: A New Era but What Challenges?” Briefing for National Committee’s 15<sup>th</sup> annual [US-China Student Leaders Exchange](#) (SLE), July 8, 2018.



## DOUGLAS K. OWENS

### *Academic Publications*

#### *Journal Articles*

- Sehested TSG, Bjerre J, Chang A, Ku S, Chang A, Jahansouza A, Owens DK, Hlatky MA, Goldhaber-Fiebert JD. Cost effectiveness of canakinumab for prevention of recurrent cardiovascular events. *JAMA Cardiology* 2019 Jan 16. doi: 10.1001/jamacardio.2018.4566. [Epub ahead of print] PMID: 30649147.
- US Preventive Services Task Force, Curry SJ, Krist AH, Owens DK, Barry MJ, Caughey AB, Davidson KW, Doubeni CA, Epling JW Jr., Grossman DC, Kemper AR, Kubik M, Landefeld CS, Mangione CM, Silverstein M, Simon MA, Tseng CW, Wong JB. Interventions to prevent child maltreatment: US Preventive Services Task Force Recommendation Statement. *JAMA*. 2018 Nov 27;320(20):2122-2128. doi: 10.1001/jama.2018.17772. PMID: 30480735.
- US Preventive Services Task Force, Curry SJ, Krist AH, Owens DK, Barry MJ, Caughey AB, Davidson KW, Doubeni CA, Epling JW Jr., Kemper AR, Kubik M, Landefeld CS, Mangione CM, Silverstein M, Simon MA, Tseng CW, Wong JB. Ocular prophylaxis for gonococcal ophthalmia neonatorum: US Preventive Services Task Force Recommendation Statement. *JAMA*. 2019 Jan 29;321(4):394-398. doi: 10.1001/jama.2018.21367. PMID: 30694327.
- US Preventive Services Task Force, Curry SJ, Krist AH, Owens DK, Barry MJ, Caughey AB, Davidson KW, Doubeni CA, Epling JW Jr., Grossman DC, Kemper AR, Kubik M, Landefeld CS, Mangione CM, Silverstein M, Simon MA, Tseng CW, Wong JB. Interventions to prevent perinatal depression: US Preventive Services Task Force Recommendation Statement. *JAMA*. 2019 Feb 12;321(6):580-587. doi: 10.1001/jama.2019.0007. PMID: 30747971.
- Harris JP, Saraswathula A, Kaplun B, Qian Y, Chan KCA, Chan ATC, Le QT, Owens DK, Goldhaber-Fiebert JD, Pollom E. Cost effectiveness of screening for nasopharyngeal carcinoma for Asian-American men in the U.S. *Otolaryngology-Head and Neck Surgery*. 2019 Mar 5;194599819832593. doi: 10.1177/0194599819832593. [Epub ahead of print] PMID: 30832545.
- Burns RB, Olumi AF, Owens DK, Smetana GW. Would you recommend PSA screening for this patient? Grand Round discussion from Beth Israel Deaconess Medical Center. *Annals of Internal Medicine* 2019 Jun 4;170(11):770-778. doi: 10.7326/M19-1072. PMID: 31158876.
- Desai M, Montez-Ruth ME, Kapphahn K, Joyce VR, Mathur MB, Garcia A, Purington N, Owens DK. Missing data strategies for time-varying confounders in comparative effectiveness studies of non-missing time-varying exposures and right-censored outcomes. *Statistics in Medicine* 2019 Stat Med. 2019 May 17. doi: 10.1002/sim.8174. [Epub ahead of print] PMID: 31099433.
- Lin JK, Muffly LS, Spinner MA, Barnes JJ, Owens DK, Goldhaber-Fiebert J. Cost effectiveness of chimeric antigen receptor T-cell therapy in multiply relapsed or refractory adult large B-cell lymphoma. *Journal of Clinical Oncology* 2019 Jun 3;JCO1802079. doi: 10.1200/JCO.18.02079. [Epub ahead of print] PMID: 31157579.
- Yu JX, Russell WA, Ching JH, Kin N Bendavid E, Owens DK, Kaitenbach T. Cost effectiveness of endoscopic resection vs transanal resection of complex benign rectal polyps. *Clinical Gastroenterology and Hepatology*. 2019 Mar 5. pii: S1542-3565(19)30247-2. doi: 10.1016/j.cgh.2019.02.041. [Epub ahead of print] PMID: 30849517.
- US Preventive Services Task Force, Curry SJ, Krist AH, Owens DK, Barry MJ, Cabana M, Caughey AB, Doubeni CA, Epling JW Jr., Kemper AR, Kubik M, Landefeld CS, Mangione CM, Pbert L, Silverstein M, Simon MA, Tseng CW, Wong JB. Screening for elevated blood lead levels in children and pregnant women: US Preventive Services Task Force Recommendation Statement. *JAMA*. 2019 Apr 16;321(15):1502-1509. doi: 10.1001/jama.2019.3326. PMID: 30990556.
- Gidwani-Marszowski R, Owens DK, Lo J, Goldhaber-Fiebert JD, Asch SM, Barnett PG. The costs of hepatitis C by liver disease stage: estimates from the Veterans Health Administration. *Appl Health Econ Health Policy*. 2019 Apr 27. doi: 10.1007/s40258-019-00468-5. [Epub ahead of print] PMID: 31030359.
- US Preventive Services Task Force, Owens DK, Davidson KW, Krist AH, Barry MJ, Cabana M, Caughey AB, Curry SJ, Doubeni CA, Epling JW Jr., Kubik M, Landefeld CS, Mangione CM, Pbert L, Silverstein M, Simon MA, Tseng CW, Wong JB. Preexposure prophylaxis for the prevention of HIV

infection: US Preventive Services Task Force Recommendation Statement. JAMA. 2019 Jun 11;321(22):2203-2213. doi: 10.1001/jama.2019.6390. PMID: 31184747.

- US Preventive Services Task Force, Owens DK, Davidson KW, Krist AH, Barry MJ, Cabana M, Caughey AB, Curry SJ, Doubeni CA, Epling JW Jr., Kubik M, Landefeld CS, Mangione CM, Pbert L, Silverstein M, Simon MA, Tseng CW, Wong JB. Screening for HIV infection: US Preventive Services Task Force Recommendation Statement. JAMA. 2019 Jun 11; doi: 10.1001/jama.2019.6587. [Epub ahead of print] PMID: 31184701.
- Sceats LA, Ku S, Coughran A, Barnes B, Grimm E, Muffly M, Spain DA, Kin C, Owens DK, Goldhaber-Fiebert JD. Operative versus non-operative management of appendicitis: a long-term cost-effectiveness analysis. Medical Decision Making Policy and Practice 2019 2019 Aug 17;4(2):2381468319866448. doi: 10.1177/2381468319866448. eCollection 2019 Jul-Dec. PMID: 31453362.
- US Preventive Services Task Force, Owens DK, Davidson KW, Krist AH, Barry MJ, Cabana M, Caughey AB, Doubeni CA, Epling JW Jr., Kemper AR, Kubik M, Landefeld CS, Mangione CM, Pbert L, Silverstein M, Simon MA, Tseng CW, Wong JB. Screening for hepatitis B virus infection in pregnant women: US Preventive Services Task Force Reaffirmation Recommendation Statement. JAMA. Jul 23;322(4):349-354. doi: 10.1001/jama.2019.9365. PMID: 31334800.
- US Preventive Services Task Force, Owens DK, Davidson KW, Krist AH, Barry MJ, Cabana M, Caughey AB, Doubeni CA, Epling JW Jr., Kemper AR, Kubik M, Landefeld CS, Mangione CM, Pbert L, Silverstein M, Simon MA, Tseng CW, Wong JB. Screening for pancreatic cancer: US Preventive Services Task Force Reaffirmation Recommendation Statement. JAMA. Aug 6;322(5):438-444. doi: 10.1001/jama.2019.10232. PMID: 31386141.
- US Preventive Services Task Force, Owens DK, Davidson KW, Krist AH, Barry MJ, Cabana M, Caughey AB, Doubeni CA, Epling JW Jr., Kubik M, Landefeld CS, Mangione CM, Pbert L, Silverstein M, Simon MA, Tseng CW, Wong JB. Risk assessment, genetic counseling, and genetic testing for BRCA-related cancer: US Preventive Services Task Force Reaffirmation Recommendation Statement. JAMA. 2019 Aug 20;322(7):652-665. doi: 10.1001/jama.2019.10987. PMID: 31429903.
- US Preventive Services Task Force, Owens DK, Davidson KW, Krist AH, Barry MJ, Cabana M, Caughey AB, Doubeni CA, Epling JW Jr., Kubik M, Landefeld CS, Mangione CM, Pbert L, Silverstein M, Tseng CW, Wong JB. Medication use to reduce risk of breast cancer: US Preventive Services Task Force Reaffirmation Recommendation Statement. JAMA. JAMA. 2019 Sep 3;322(9):857-867. doi: 10.1001/jama.2019.11885. PMID: 31479144.
- US Preventive Services Task Force, Owens DK, Davidson KW, Krist AH, Barry MJ, Cabana M, Caughey AB, Doubeni CA, Epling JW Jr., Kubik M, Landefeld CS, Mangione CM, Pbert L, Silverstein M, Simon MA, Tseng CW, Wong JB. Screening for asymptomatic bacteriuria in adults: US Preventive Services Task Force Reaffirmation Recommendation Statement. JAMA. 2019 Sep 24;322(12):1188-1194. doi: 10.1001/jama.2019.13069. PMID: 31550038.

#### *Editorials, Commentaries, and Letters*

- Curry SJ, Owens DK, Krist AH. Weight loss interventions in adults – reply. JAMA. 2019 Mar 5;321(9):900-901. doi: 10.1001/jama.2018.20291. No abstract available. PMID: 30835304.

#### *Abstracts*

- George EL, Nardacci L, Rao I, Sinawang PD, Owens DK, Garcia-Toca M. Cost-effectiveness analysis of fenestrated endovascular aneurysm repair compared to open surgical repair for patients with juxtarenal abdominal aortic aneurysms. Society for Vascular Surgery 2019 Vascular Annual Meeting 2019.
- Lin JL, Rigdon J, Saynina O, Bhattacharya J, Owens DK, Sanders LM. Gastrostomy tube placement in children with neurologic impairment: population-wide association with long term morbidity and mortality. Pediatric Academic Societies Meeting. Baltimore, Maryland, April 24-May 1, 2019.

- Chandler JM, Conway AA, Huckels J, Pooni JK, Zarnett LJ, Lee K, Kin CJ, Salomon JA, Owens DK. Open versus robotic surgery for rectal cancer: a cost effectiveness analysis. American College of Surgeons Clinical Congress 2019, San Francisco, California, October 27-31, 2019.
- Ching JH, Trafton JA, Goldhaber-Fiebert JD, Owens DK, Salomon JA. Estimated mortality rates among treated and untreated Veterans with opioid use disorder in the Veterans Health Administration. Proceedings of the Society for Medical Decision Making Annual Meeting, Portland, Oregon, October 20-23, 2019.
- Ching JH, Owens DK, Trafton JA. Co-morbidities and severe adverse events among treated and untreated Veterans with opioid use disorder in the Veterans Health Administration. Proceedings of the Society for Medical Decision Making Annual Meeting, Portland, Oregon, October 20-23, 2019.
- Ryckman T, Luby S, Owens DK, Bendavid E, Goldhaber-Fiebert JD. Comparing methods for model calibration with high uncertainty: modeling cholera in Bangladesh. Proceedings of the Society for Medical Decision Making Annual Meeting, Portland, Oregon, October 20-23, 2019.

### ***Courses and Lectures***

- “Screening for HIV Disease”, Management Science and Engineering 290
- “Cost effectiveness of Screening for HIV”, Management Science and Engineering 292
- Instructor, Economics 332, Analysis of Costs, Risks, and Benefits in Health Care, Graduate School of Business

### ***Invited talks***

- “Beyond the Guidelines: Screening for Prostate Cancer”, Medicine Grand Rounds, Beth Israel Deaconess Hospital, January 24, 2019.
- “Prevention that works: Screening for colorectal, lung, and breast cancer.”, Primary Care Grand Rounds, Beth Israel Deaconess Hospital, January 25, 2019.
- “Screening for cancer: recommendations of the US Preventive Services Task Force.”, University of California, San Francisco, September 13, 2019.
- “How the US Preventive Services Task Force determines whether to recommend preventive services.”, Early Detection of Cancer Conference, Stanford University, Stanford, California, September 26, 2019.

### ***Policy engagement***

- Chair, United States Preventive Services Task Force
- Stanford President’s Precision and Population Health Design Team, Stanford University
- National Academies of Sciences, Engineering and Medicine’s Committee on Evidence-Based Practices for Public Health Emergency Preparedness and Response
- American College of Physicians, Advisory Committee on economic considerations in clinical practice guidelines

## **NATHANIEL PERSILY**

### ***Academic Publications***

- Social Media and Democracy: The State of the Field and Prospects for Reform, (eds. Nathaniel Persily & Joshua Tucker, Cambridge U. Press, 2020).
- *Math on trial*, Science, Aug. 9, 2019.
- *A New Model for Industry-Academic Partnerships*, PS: Political Science and Politics, 1-7, Sept. 2019 (with Gary King).
- The Internet’s Challenge to Democracy: Framing the Problem and Assessing Reforms (Kofi Annan Foundation, 2019).

### ***Courses Taught***

- Law of Democracy (winter 2019)
- First Amendment (winter 2019)
- Policy Lab on Facebook Content Review Board (Spring 2019)
- Policy Lab on election administration (Fall 2019)

### ***Invited Talks***

- American Academy of Arts and Sciences Chapter Meeting, Stanford, CA, Dec. 2, 2019;
- University of Zurich, Zurich, Switzerland, Sept. 25, 2019;
- NYU Law School, Sept. 17, 2019;
- Knowledge Future, Stanford, CA, Aug. 24, 2019.

### ***Policy Engagement***

- Referee for North Carolina Legislative Districts court case.
- Co-Chair of Social Science One (effort to make Facebook data available to research community around the world)
- Member, Kofi Annan Commission on Elections and Democracy in the Digital Age.

## **SCOTT ROZELLE**

### ***Academic publications***

- Chang, Fang, Yaojiang Shi, Amber Shen, Asa Kohrman, Katherine Li, Qinqin Wan, Kaleigh Kenny, and Scott Rozelle. 2019. "Understanding the Situation of China's Left-Behind Children: A Mixed-Methods Analysis." *The Developing Economies* 57 (1): 3-35. doi:10.1111/deve.12188.
- Li, Shanshan, Ai Yue, Cody Abbey, Alexis Medina, and Yaojiang Shi. 2019. "Breastfeeding and the Risk of Illness among Young Children in Rural China." *International Journal of Environmental Research and Public Health* 16 (1): 136. doi:10.3390/ijerph16010136.
- Liu, Jin, Scott Rozelle, Qing Xu, Ning Yu, and Tianshu Zhou. 2019. "Social Engagement and Elderly Health in China: Evidence from the China Health and Retirement Longitudinal Survey (CHARLS)." *International Journal of Environmental Research and Public Health* 16 (2): 278. doi:10.3390/ijerph16020278.
- Luo, Renfu, Grant Miller, Scott Rozelle, Sean Sylvia, and Marcos Vera-Hernández. 2019. "Can Bureaucrats Really be Paid Like CEOs? Substitution between Incentives and Resources among School Administrators in China." *Journal of the European Economic Association*. doi:10.1093/jeaa/jvy047.
- Wang, Lei, Wilson Liang, Siqi Zhang, Laura Jonsson, Mengjie Li, Cordelia Yu, Yonglei Sun, et al. 2019. "Are Infant/Toddler Developmental Delays a Problem Across Rural China?" *Journal of Comparative Economics*. doi:10.1016/j.jce.2019.02.003.
- Xue, Hao, Yaojiang Shi, Lei Huang, Hongmei Yi, Huan Zhou, Chengchao Zhou, Sarah Kotb, Joseph D. Tucker, and Sean Y. Sylvia. 2019. "Diagnostic Ability and Inappropriate Antibiotic Prescriptions: A Quasi-Experimental Study of Primary Care Providers in Rural China." *The Journal of Antimicrobial Chemotherapy* 74 (1): 256. doi:10.1093/jac/dky390.
- Zhou, Huan, Qingzhi Wang, Junmin Zhou, Tiaoying Li, Alexis Medina, Stephen A. Felt, Scott Rozelle, and John J. Openshaw. "Structural Equation Modeling (SEM) of Cysticercosis in School-Aged Children in Tibetan Rural Farming Areas of Western China: Implications for Intervention Planning." *International journal of environmental research and public health* 16, no. 5 (2019): 780.
- Guan, Hongyu, Huan Wang, Kang Du, Jin Zhao, Matthew Boswell, Yaojiang Shi, and Yiwei Qian. 2018. "The Effect of Providing Free Eyeglasses on Children's Mental Health Outcomes in China: A Cluster-Randomized Controlled Trial." *International Journal of Environmental Research and Public Health* 15 (12): 2749. doi:10.3390/ijerph15122749.

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- Liu, Hongyan, Yaojiang Shi, Emma Auden, and Scott Rozelle. 2018. "Anxiety in Rural Chinese Children and Adolescents: Comparisons Across Provinces and among Subgroups." *International Journal of Environmental Research and Public Health* 15 (10): 2087. doi:10.3390/ijerph15102087.
- Liu, Hongyan, Hao Xue, Yaojiang Shi, and Scott Rozelle. 2018. "The Academic Performance of Primary School Students from Rural China." *China Agricultural Economic Review*. doi:10.1108/CAER-11-2016-0181.
- Nie, Jingchun, Xiaopeng Pang, Sean Sylvia, Lei Wang, and Scott Rozelle. 2018. "Seeing is Believing: Experimental Evidence on the Impact of Eyeglasses on Academic Performance, Aspirations and Dropout among Jseeiunior High School Students in Rural China." *Economic Development and Cultural Change*. doi:10.1086/700631.
- Wang, Lei, Yonglei Sun, Buyao Liu, Lijuan Zheng, Mengjie Li, Yu Bai, Annie Osborn, Maggie Lee, and Scott Rozelle. 2018. "Is Infant/Toddler Anemia a Problem Across Rural China? A Mixed-Methods Analysis." *International Journal of Environmental Research and Public Health* 15 (9): 1825. doi:10.3390/ijerph15091825.
- Wang, Xiuqin, Yue Ma, Min Hu, Ling Jin, Baixiang Xiao, Ming Ni, Hongmei Yi, et al. 2018. "Teachers' Influence on Purchase and Wear of Children's Glasses in Rural China: The PRICE Study." *Clinical & Experimental Ophthalmology*. doi:10.1111/ceo.13376.
- Yi, Hongmei, Di Mo, Huan Wang, Qiufeng Gao, Yaojiang Shi, Paiou Wu, Cody Abbey, and Scott Rozelle. 2018. "Do Resources Matter? Effects of an In-Class Library Project on Student Independent Reading Habits in Primary Schools in Rural China." *Reading Research Quarterly*. doi:10.1002/rrq.238.
- Yue, Ai, Jiaqi Gao, Meredith Yang, Lena Swinnen, Alexis Medina, and Scott Rozelle. 2018. "Caregiver Depression and Early Child Development: A Mixed-Methods Study from Rural China." *Frontiers in Psychology* 9: 2500. doi:10.3389/fpsyg.2018.02500.
- Zhang, Siqi, Ruirui Dang, Ning Yang, Yu Bai, Lei Wang, Cody Abbey, and Scott Rozelle. 2018. "Effect of Caregiver's Mental Health on Early Childhood Development Across Different Rural Communities in China." *International Journal of Environmental Research and Public Health* 15 (11): 2341. doi:10.3390/ijerph15112341.
- Zhou, Mi, Xiaotong Sun, Li Huang, Guangsheng Zhang, Kaleigh Kenny, Hao Xue, Emma Auden, and Scott Rozelle. 2018. "Parental Migration and Left-Behind Children's Depressive Symptoms: Estimation Based on a Nationally-Representative Panel Dataset." *International Journal of Environmental Research and Public Health* 15 (6): 1069. doi:10.3390/ijerph15061069.
- Zhou, Mi, Guangsheng Zhang, Scott Rozelle, Kaleigh Kenny, and Hao Xue. 2018. "Depressive Symptoms of Chinese Children: Prevalence and Correlated Factors among Subgroups." *International Journal of Environmental Research and Public Health* 15 (2): 283. doi:10.3390/ijerph15020283.

### **Invited talks**

- Talk as Incoming President to Association of Comparative Economic Studies, Atlanta, GA, January 2019
- Talk at University of California, Davis, Center for East Asian Studies, Human Capital, Rural China and the Nation's Future Growth, January 2019.
- Seminar at UC Berkeley, Lab of Lia Fernald, Psychology Department, University of California, Berkeley, January 2019.
- Presentation to VIP Kids, Long Distance Learning—Opportunities and Challenges in Rural China, Beijing, January 2019.
- Keynote speech to Chinese philanthropy group, SOAR, Stanford University, China's Rural Education and Challenges in the Future, Stanford, February 2019.

- Presentation to the Bing Overseas Studies Program Incoming Professors Workshop, Stanford University, February 2019
- Keynote Address, AARES Annual Meeting, 40 Years of Agricultural Reform and China's Growth, Melbourne, Australia, February 2019
- Seminar to School of Business, Waikato University, China's Rural Economy and the Nation's Future Growth, Hamilton, New Zealand, February 2019.
- Talk to the Corporate and Social Responsibility Group of RGE in Singapore and Indonesia, Report of Human Capital and China's Future Growth, Singapore, February 2019
- Seminar Talk to the Distinguished Careers Group, Stanford University, China and the Future of US Prosperity, Stanford, CA, February 27, 2019
- Informal Talk to the Stanford Water Polo Team that is going to China in June 2019 to play the China National Team, The Other China: Rural China and Future of the Nation's Growth, Stanford, CA, February 2019.
- Discussant Comments, FSI Workshop for the HR McMaster's Book Project, Stanford University, February 2018.
- Distinguished Careers Program. Using Randomized Controlled Trials for Policy Impact. Stanford University, March 2019.
- Seminar to Jiangxi Agricultural University, "Rural Human Capital and China's Development," Nanchang, Jiangxi, March 2017.
- Seminar to Stanford Waterpolo Team, Preparing the Team for China Trip. Stanford University, March 2019.
- Seminar in the Lab of Lia Fernald. Early Childhood Education and Development Delays in China. UC Berkeley, March 2019
- Seminar in Department of Social Work, Rural Human Capital and China's Development. Columbia University, New York, April 2019.
- Major Policy Address, Institute for Rural Studies, Rural Human Capital and China's Development (a pre-book publishing talk). Tsinghua University, April 2019
- Talk to Vision Group. Vision and China's Rural Education. Xi'an, China. April 2019.
- Seminar in Department of Agricultural Economics, Rural Human Capital and China's Development, University of Georgia, April 2019.
- Talk to Onesight Philanthropy Team, Program in Vision Care Program in China, Cincinnati, OH, April 2019.
- Talk at San Francisco Consulate of the PRC, REAP's programs in China, San Francisco, May 2019
- Talk to SPICE Course, Urbanization and China's Development, Stanford University, May 2019
- Seminar in EPIC Conference, Graduate School of Education, "EdTech and Closing the Gap between Urban and Rural Students," Stanford University, May 2019.
- Plenary Talk at Life Cycle and China's Development, School of Economic Management, Life Cycle of Rural Children and Effect of Development Delay, Chengdu, Sichuan, China, May 2019.
- Graduation Talk, Keystone School, Philanthropy and Your Future, Beijing, May 2019
- Talk at TIDE workshop (group of Private Teachers Association of China), Rural Education and Opportunities for Internships, Suzhou, China, May 2019.
- Plenary Talk, 2019 REAP Internship, "China's Human Capital and the Nation's Future Development," Chengdu, May 2019
- Seminar to the Research Institute of Rural Education, Northeast China Normal University, "China's Human Capital and the Nation's Future Development, Changchun, June 2019.
- Seminar to the School of Economic Management, China Agricultural University, "China's Human Capital and the Nation's Future Development" Beijing, June 2019
- Asian Development Bank, Annual Regional Seminar, University of Tokyo, "Educational Technology and the Sources of the Rural-Urban Education Gap," Tokyo, Japan, July 2019

- Seminar at the College of Economic Management, Sichuan University, “Early Childhood Education and China’s Education in Rural Areas,” Chengdu, China, July 2019.
- Talk to School of Medicine Collaborators, Mental Health in China’s Rural Schools, Stanford University, September 2019
- Talk to SPICE Course, “Urbanization and China’s Development,” Stanford University, May 2019
- Plenary Talk to the Annual Conference of the Center for Large Economies, Hunan Normal University, “Rural Education and China’s Future Growth,” Changsha, Hunan, September 2019
- Talk to School of Economic Management, Hunan Normal University, “Educational Technology and Prospects for Improving Rural Education,” Changsha, Hunan, September 2019
- Plenary Talk to the Annual Conference of the Research Institute for Rural Education, Northeast Normal University, “Rural Education and China’s Future Growth,” Changchen, Jilin, September 2019
- Invited Talk at the Annual Meeting of the China National Pediatrics Association, “At Three We Can See the Future: Early Childhood Education and Development Delays in Rural China,” Lanzhou, Gansu Province, September 2019
- Talk to Department of Political Science, Middlebury College, “Urbanization and Growth: The Political Economy of China’s Development,” Middlebury, VT, October 2019
- Talk to Department of Economics, Middlebury College, “Urbanization and Growth: The Economic Consequences of China’s Hukou System,” Middlebury, VT, October 2019
- College-wide Invited Presentation, Middlebury College, “Rural Human Capital and China’s Future Development,” Middlebury, VT, October 2019
- Plenary Talk at 1000 Day Initiative Forum, “How to do ECD, International and China Experiences,” Beijing, China, October 2019
- Acceptance Speech, Awards Ceremony, Top Foreign Scientists that Have Contributed to China’s 70 Years of Development, Beijing, China, October 2019
- Session Director for What Works Conference Sponsored by Campbell Collaboration, “Systematic Reviews from China/REAP Team,” Mexico City, October 2019
- Plenary Talk at the BioChem Association Annual Meetings, “Philanthropy and Your Corporation’s Future in China,” Hangzhou, Zhejiang Province, October 2016
- Invited Session Talk at the BioChem Association Annual Meetings, “Early Childhood Education: Opportunities and Challenges in Rural China,” Hangzhou, Zhejiang Province, October 2016
- Plenary Talk at the Inaugural Conference of the School of Applied Economics, Renmin University, “Rural Human Capital and China’s Future Development,” Beijing, China, November 2019
- Talk and Discussant at the Fall 2019 FSI Board Meeting, “Comments on the Future of US-China Economic Relations,” Stanford University, November 2019

### ***Policy engagement***

- Convener/Founder of the 1000 Day Initiative, a nationwide association of Early Childhood Education organization devoted to promoting policy change in the 0-3 space.
- Policy Brief on China’s Early Childhood Education: Challenges and Successes, Provided to the China Ministry of Health (for presenting to the First Lady of China).
- Contributed to the International Eye-Alliance Group, China Representative.
- Policy Brief for the National Ministry of Education’s Myopia Reduction in Schools Policy.
- Presented Major Policy Speech at the Institute for Rural Economy, Tsing-Hua University.

## SCOTT SAGAN

### ***Academic Publications***

- “Weighing Lives in War: How National Identity Influences American Public Opinion about Foreign and Civilian Compatriot Fatalities,” co-authored with Benjamin A. Valentino, *Journal of Global Security Studies*, (forthcoming).
- “Just War and Unjust Soldiers: American Public Opinion on the Moral Equality of Combatants,” co-authored with Benjamin A. Valentino, *Ethics & International Affairs*, Vol. 33, No. 4 (forthcoming Winter 2019). This piece is the lead article in a symposium that includes responses from Michael Walzer, Jeff McMahan, and Robert O. Keohane. Sagan and Valentino respond to the other authors in “On Reciprocity, Revenge, and Replication: A Rejoinder to Walzer, McMahan, and Keohane.”
- “What do Americans really think about conflict with nuclear North Korea? The answer is both reassuring and disturbing,” co-authored with Alida R. Haworth and Benjamin A. Valentino, *Bulletin of the Atomic Scientists*, Vol. 75, No. 4 (July 2019), pp. 179-186. ([link](#))
- “Living with a Nuclear North Korea,” co-authored with Benjamin A. Valentino, *The Wall Street Journal*, March 8, 2019. ([link](#))

### ***Courses Taught***

- Sophomore College: Face of Battle

### ***Invited Talks***

- Princeton University, February 2019
- UC Santa Barbara, February 2019
- Royal Institute of International Affairs, Chatham House, March 2019
- University of Pennsylvania, April 2019
- James Martin Center for Nonproliferation Studies at MIIS, April 2019
- MIT, April 2019
- APARC, April 2019
- Sandia National Laboratory, May 2019
- Carnegie Mellon University, May 2019
- Getty Museum, May 2019
- Public Policy and Nuclear Threats Bootcamp, UC San Diego, June 2019
- Asan Institute in South Korea, August 2019
- Korean Advanced Institute of Science and Technology, August 2019
- Korean Diplomatic Academy’s Nuclear Non-Proliferation Conference, August 2019
- Army War College, September 2019
- Harvard University, October 2019
- Dartmouth College, October 2019
- McGill University, November 2019
- Oxford University, December 2019

### ***Policy Engagement***

- Briefing to Senior State Department Officials on North Korea, May 2019
- Briefings to Senior Department of Defense Officials on North Korea, January & March 2019
- Briefing at National Nuclear Security Administration (NNSA) meeting on Insider Threats, Brussels, Belgium, March 2019.
- Briefing to Rose Gottemoeller, NATO Deputy Secretary General, on public opinion on nuclear weapons use, Brussels, Belgium, March 2019.
- Briefing to Ambassador Harry Harris and staff on North Korea at U.S. Embassy in Seoul, August 2019
- American Political Science Association panel with General Robert Kehler on “Rethinking the Strategy, Law, and Ethics of Nuclear Weapons,” August 2019



- Lecture on Nuclear Weapons Policy to entire Army War College faculty and student body, September 2019.
- Debate with John Harvey (former DOD and DOE official) on U.S. nuclear doctrine at the National Defense University, December 2019
- Meeting with David Nussbaum (Chief Executive at The Elders), December 2019

## JOSHUA SALOMON

### *Academic publications*

- Ortblad K, Harling G, Chimbindi N, Tanser F, Salomon JA, Bärnighausen T. Does incident circumcision lead to risk compensation? Evidence from a population cohort in KwaZulu-Natal, South Africa. *Journal of Acquired Immune Deficiency Syndrome* 2019; 80(3):269-275.
- Rönn M, Tuite AR, Menzies NA, Wolf EE, Gift TL, Chesson HW, Torrone E, Berruti A, Mazzola E, Galer K, Hsu K, Salomon JA. The impact of screening and partner notification on chlamydia prevalence and numbers of infections averted in the United States, 2000 to 2015: evaluation of epidemiologic trends using a pair-formation transmission model. *American Journal of Epidemiology* 2019; 188(3):545-554.
- Chang AY, Gómez-Olivé FX, Manne-Goehler J, Wade AN, Tollman S, Gaziano TA, Salomon JA. Multimorbidity and care for hypertension, diabetes and HIV among older adults in rural South Africa. *Bulletin of the World Health Organization* 2019; 97(1):10-23.
- Tasillo A, Yazdi GE, Nolen S, Schillie S, Vellozzi C, Epstein R, Randall L, Salomon JA, Linas BP. Short-term impact and long-term cost-effectiveness of universal hepatitis C testing in prenatal care. *Obstetrics and Gynecology* 2019; 133(2):289-300.
- Cudahy PGT, Andrews JR, Bilinski A, Dowdy DW, Mathema B, Menzies NA, Salomon JA, Shrestha S, Cohen T. Spatially targeted screening to reduce tuberculosis transmission in high incidence settings: a systematic review and synthesis. *Lancet Infectious Diseases* 2019; 19(3):e89-e95.
- Carvalho N, Petrie D, Chen L, Salomon JA, Clarke P. The impact of Medicare Part D on income-related inequality in pharmaceutical expenditure. *International Journal for Equity in Health* 2019; 18(1):57.
- Ortblad KF, Kibuuka Musoke D, Ngabirano T, Nakitende A, Harling G, Haberer JE, McConnell M, Salomon JA, Oldenberg C, Bärnighausen T. The effect of HIV self-testing delivery models on female sex workers' sexual behaviors: a randomized controlled trial in urban Uganda. *AIDS and Behavior* 2019; 23(5):1225-1239.
- Geldsetzer P, Vaikath M, Wagner R, Rohr JK, Montana L, Gómez-Olivé FX, Rosenberg MS, Manne-Goehler J, Mateen FJ, Payne CF, Kahn K, Tollman SM, Salomon JA, Gaziano TA, Bärnighausen T, Berkman LF. Depressive symptoms and their relation to age and chronic diseases among middle-aged and older adults in rural South Africa. *Journal of Gerontology: Medical Sciences* 2019; 74(6): 957-963.
- Bigelow B, Desalegn DN, Salomon JA, Verguet S. Modelling hospital operations: insight from using data from paper registries in the obstetrics ward at a hospital in Addis Ababa, Ethiopia. *BMJ Global Health* 2019; 4(3):e001281.
- Ortblad K, Kibuuka Musoke D, Ngabirano T, Salomon JA, Haberer J, McConnell M, Oldenburg C, Bärnighausen T. Is knowledge of HIV status associated with sexual behaviors? A fixed effects analysis of a female sex worker cohort in urban Uganda. *Journal of the International AIDS Society* 2019; 22(7):e25336.
- Chang AY, Gómez-Olivé FX, Payne C, Rohr J, Manne-Goehler J, Wade AN, Wagner RG, Montana L, Tollman S, Salomon JA. Chronic multimorbidity among older adults in rural South Africa. *BMJ Global Health* 2019; 4(4):e001386.
- Quattrochi J, Salomon JA, Hill K, Castro CM. Measuring and correcting bias in indirect estimates of under-5 mortality in populations affected by HIV/AIDS: a simulation study. *BMC Public Health* 2019; 19(1):1516.
- Burstein R, Henry NJ, Collison ML, Marczak LB, Sligar A, Watson S et al. [incl. Salomon JA]. Mapping 123 million neonatal, infant and child deaths between 2000 and 2017. *Nature* 2019; 574(7778):353-358.

- Assoumou SA, Tasillo A, Vellozzi C, Eftekhari Yazdi G, Wang J, Nolen S, Hagan L, Thompson W, Randall LM, Strick L, [Salomon JA](#), Linas, BP. Cost-effectiveness and budgetary impact of HCV testing, treatment and linkage to care in U.S. prisons. *Clinical Infectious Diseases* 2019; (early online).
- Rohr JK, Manne-Goehler J, Gómez-Olivé FX, Wagner RG, Rosenberg M, Geldsetzer P, Kabudula CW, Kahn K, Tollman S, Bärnighausen T, [Salomon JA](#). HIV treatment cascade for older adults in rural South Africa. *Sexually Transmitted Infections* 2019; (early online).
- Rönn M, Menzies NA, Gift TL, Chesson HW, Trikalinos TA, Bellerose M, Malyuta Y, Berruti A, Gaydos CA, Hsu KK, [Salomon JA](#). Potential for point-of-care tests to reduce chlamydia-associated burden in the United States: a mathematical modeling analysis. *Clinical Infectious Diseases* 2019; (early online).
- GBD 2017 HIV Collaborators [incl. [Salomon JA](#)]. Global, regional, and national incidence, prevalence, and mortality of HIV, 1980-2017, and forecasts to 2030, for 195 countries and territories: a systematic analysis for the Global Burden of Diseases, Injuries, and Risk Factors Study 2017. *Lancet HIV* 2019; (early online).
- Global Burden of Disease Cancer Collaboration [incl. [Salomon JA](#)]. Global, regional, and national cancer incidence, mortality, years of life lost, years lived with disability, and disability-adjusted life-years for 29 cancer groups, 1990 to 2017: a systematic analysis for the Global Burden of Disease Study. *JAMA Oncology* 2019; (early online).
- Menzies NA, Parriott A, Shrestha S, Dowdy DW, Cohen T, [Salomon JA](#), Marks SM, Hill AN, Winston CA, Asay G, Barry P, Readhead A, Flood J, Kahn JG, Shete PB. Comparative modelling of tuberculosis epidemiology and policy outcomes in California. *Am J Respir Crit Care Med* 2019; (early online).
- Eaton JW, Brown T, Puckett R, Glaubius R, Mutai K, [Salomon JA](#), Stover J, Mahy M, Hallett TB. EPP-ASM and the r-hybrid model: new tools for estimating HIV incidence trends in sub-Saharan Africa. *AIDS* 2019; (early online).
- Bellarose M, Zhu L, Hagan LM, Thompson WW, Randall LM, Malyuta Y, [Salomon JA](#), Linas BP. A review of network simulation models of hepatitis C virus and HIV among people who inject drugs. *International Journal of Drug Policy* 2019; (in press).
- [Salomon JA](#). Integrating economic evaluation and implementation science to advance the global HIV response. *J Acquir Immune Defic Syndr* 2019; (in press).
- Hua X, Lung TWC, Woodward M, [Salomon JA](#), Hamet P, Harrap S, Mancina G, Poulter N, Chalmers J, Clarke PM. Self-rated health scores predict mortality among people with type 2 diabetes differently across three different country groupings: findings from the ADVANCE and ADVANCE-ON trials. *Diabetic Medicine* 2019; (in press).
- Rönn M, Testa C, Tuite AR, Chesson HW, Gift TL, Schumacher C, Williford SL, Zhu L, Bellerose M, Earnest R, Malyuta Y, Hsu KK, [Salomon JA](#), Menzies NA. The potential population-level impact of different gonorrhea screening strategies in Baltimore and San Francisco: an exploratory mathematical modeling analysis. *Sexually Transmitted Diseases* 2019; (in press).

### ***Courses taught***

- Analysis of Costs, Risks and Benefits of Health Care

### ***Invited talks***

- “Global health priorities in the era of Universal Health Coverage and precision medicine.” Inaugural Aaka Pande Memorial Lecture, Harvard Kennedy School
- “Methods for projections of the HIV epidemic.” UNAIDS Reference Group on Estimates, Modelling and Projections, Montreux, Switzerland
- “Prevention Policy Modeling Lab Introduction.” Centers for Disease Control and Prevention, Atlanta, GA
- “Multimorbidity and frailty.” Advisory Council meeting for HAALSI study, Johannesburg, South Africa
- “Calibration and cross-model validation.” Economic modeling to inform the public health response to opioid use disorder. Portland, OR

- “Adaptive guidelines for the treatment of gonorrhea infection to increase the effective lifespan of antibiotics.” Centers for Disease Control and Prevention, Atlanta, GA
- “Five years of tuberculosis policy modeling for CDC: accomplishments and lessons learned.” Centers for Disease Control and Prevention, Atlanta, GA
- “Global mortality due to poor quality health care.” Stanford Health Policy Research in Progress Seminar

### ***Policy engagement***

- Awarded five-year cooperative agreement from Centers for Disease Control to establish Prevention Policy Modeling Lab at Stanford to conduct health and economic modeling to inform US infectious disease control policies
- Appointed to World Health Organization Reference Group on Health Statistics
- Member of Secretariat for Joint United Nations Programme on HIV/AIDS Reference Group on Estimates, Modelling and Projections
- Member of Task Force on Metrics for the World Health Organization Thirteenth General Programme of Work, 2019-2023

## **KENNETH SCHEVE**

### ***Academic Publications***

- “Learning to Love Government? Technological Change and the Political Economy of Higher Education” (with Carlos Lastra-Anadon and David Stasavage). Stanford University Working Paper.
- “What Determines Climate Policy Preferences if Reducing Greenhouse-Gas Emissions is a Global Public Good?” (with Michael Bechtel and Elisabeth van Lieshout). Stanford University Working Paper.
- “Equal Treatment and the Inelasticity of Tax Policy to Rising Inequality” (with David Stasavage). Stanford University Working Paper.
- “Measuring Time Preferences in Large Surveys” (with Michael Bechtel and Amalie Jensen). Stanford University Working Paper.
- “The Economic Origins of Authoritarian Values: Evidence from Local Trade Shocks in the United Kingdom” (with Cameron Ballard-Rosa, Mashail Malik, and Stephanie Rickard). Stanford University Working Paper.
- “Economic Decline, Social Identity, and Authoritarian Values in the United States” (with Cameron Ballard-Rosa and Amalie Jensen). Stanford University Working Paper.
- “City Limits to Partisan Polarization in the American Public.” (with Amalie Jensen, William Marble, and Matthew J. Slaughter). Stanford University Working Paper.

### ***Courses Taught***

- On leave (none)

### ***Invited Talks***

- Peking University, Taxation and Fiscal Capacity Workshop
- Florence, Italy, Globalization Backlash Conference
- Princeton University, New Divisions and Political Conflict in Democracies Workshop
- UC Riverside, Workshop on Globalization, Populism, and the International Order
- UCLA, Comparative Politics Seminar
- Harvard University, Political Institutions and Economy Policy
- Harvard University, State and Capitalism Seminar

### ***Policy Engagement***

- “How to Save Globalization: Rebuilding America’s Ladder of Opportunity” (with Matthew Slaughter) Foreign Affairs Vol. 97 No. 6 November/December:98-108.
- “Ratification Politics and Preferential Trade Agreements: Malaysia and the CPTPP” (with Nikhar Gaikwad and Elisabeth van Lieshout). Case Study. Stanford Graduate School of Business.
- “Global Climate Cooperation and Conflict: Brazil and the Paris Agreement” (with Richard Clark and Nikhar Gaikwad). Case Study. Stanford Graduate School of Business.

## **GI-WOOK SHIN**

### ***Academic publications***

- “Korean Migrants: From Homogeneity to Diversity,” *Asian Survey* 59.4 (2019): 595-606.— co-edited a special issue in *Asian Survey*
- “Skilled Migrants as Human and Social Capital in Korea,” *Asian Survey* 59.4 (2019): 673-692.
- “1919 in Korea: National Resistance and Contending Legacies,” *Journal of Asian Studies* 78.2 (May 2019): 399-408
- “International Student Networks as Transnational Social Capital: Illustrations from Japan,” *Comparative Education* 55 (2019)
- “North Korea in 2018: Kim’s Summit Diplomacy” *Asian Survey* 59.1 (2019): 35-43

### ***Courses taught***

- Sociology 111/211: State and Society in Korea
- Sociology 309: Nations and Nationalism

### ***Invited talks***

- “The Perils of Populist Nationalism: Korea-Japan Relations in a New Era,” Harvard University (October)
- “Alliance in Crisis?: Japan-South Korean Relations,” University of Michigan (October)
- “The Long-Term Prospects of Peace on the Korean Peninsula: The Four Scenarios,” Jeju Forum (May)
- “From Brain Drain to Brain Circulation and Linkage: Lessons for Less Developed Countries,” Mongolian University of Science and Technology (June)

### ***Policy engagement***

- Hosted Steve Biegun, Special Representative for North Korea in the State Department, at Stanford and engaged him and his team in Washington DC and at Stanford

## **STEPHEN STEDMAN**

### ***Courses taught***

- CDDRL Honors Colloquium
- DDRL 189 Finding and Refining a Research Question
- IR 64Q Leadership and International Organizations
- CDDRL Honors College, Washington DC

### ***Invited talks***

- Keynote, 9th Forum for Democracy in Latin America, Mexico City, Mexico, April 4, 2019
- Presentation, Kofi Annan’s Legacy in Democracy and Human Rights, Chatham House, London, June 3, 2019
- Discussant, Humanitarianism in Crisis, Chatham House, London, June 10, 2019

- Presentation on Elections and Democracy in the Digital Age, OSCE, Vienna, Austria, July 17, 2019
- Presentations on Elections and Democracy in the Digital Age, NGOs, EU Ambassadors, and EU Commissioners, Brussels, Belgium, Oct. 7-8, 2019
- Roundtable on Social Media and Democracy, Athens Democracy Forum, Athens, Greece, October 9, 2019
- Practical and Policy Responses to Misinformation, Oxford Internet Institute, Feb.27-28, 2019
- Social Media and Democracy, Sao Paulo, Brazil, March 19, 2019
- Social Media and Democracy, Bangalore, India, March 22, 2019
- Social Media and Democracy, Delhi, India, March 25, 2019
- Disinformation and Electoral Integrity, IFES, Washington DC, August 28, 2019

#### ***Policy engagement***

- Secretary General of the Kofi Annan Commission on Elections and Democracy in the Digital Age, 2018-2020

### **KATHRYN STONER**

#### ***Academic publications***

- Russia Resurrected: Its Power and Purpose In a New World Order, (forthcoming, Oxford University Press, 2020).
- "Russian Security Policy Toward the United States," with Michael McFaul, Routledge Handbook of Russian Security, Roger Kanet, ed., (New York: Routledge, 2019).

#### ***Courses taught***

- Master's in International Policy Practicum, Winter Quarter 2019
- PS/IR 114D Democracy, Development, and the Rule of Law, Fall Quarter 2019

#### ***Invited talks***

- "Does Russia Have a Grand Strategy?" Yale University, May 11-12, 2019.
- "Russia's Power and Purpose in the 21st Century," (for an Agency of the United States Government) May 2019, Baltimore and June 2019, Sandy, Utah.
- "Can Russia Butt Out? Russia's Anti-Tobacco Policy under Putin" Association of Slavic, East European and Eurasian Studies, November 28, 2019, San Francisco
- "Encouraging Patterns in Russian Health Policy and Outcomes," Association of Slavic, East European and Eurasian Studies, November 28, 2019, San Francisco.

### **ANDREW WALDER**

#### ***Academic publications***

- *Agents of Disorder: Inside China's Cultural Revolution*. Cambridge, Mass: Belknap Press of Harvard University Press, 2019.
- "The Impact of Class Labels on Life Chances in China," with Donald J. Treiman, *American Journal of Sociology* 124, 4 (January 2019): 1125-1163.
- "Generating a Violent Insurgency: China's Factional Warfare of 1967-1968," with James Chu. Revise and resubmit, *American Journal of Sociology*.

#### ***Courses taught***

- China in the Era of Reform

- Seminar: Sociological Theory
- Political Economy of China
- Workshop: China Social Science
- Seminar: Collective Action and Social Movements
- SCPKU Graduate Seminar, Chinese Corporations: A Case Study Workshop

#### ***Invited talks***

- Princeton University, Center for Contemporary China. “Pathways to Violent Insurgency: China’s Factional Warfare of 1967-1968.” 8 February 2019.
- Chinese People’s University, Beijing, School of International Relations, “Political Sociology and the Analysis of Social Movements: A Critical Perspective.” 7 March 2019.
- Chinese People’s University, Beijing, School of International Relations, “Thinking About China’s Future: A Comparative View.” 8 March 2019.
- University of Chicago, Booth School of Business, “The Macro-Structures of China’s Distinctive Political Economy.” 6 April 2019.
- Central University of Finance and Economics, Beijing, “The Distinctive Features of China’s Economy: And Why They Matter.” 24 September 2019.
- Fudan University, Shanghai, Department of History. “My Research Experiences in Studying Chinese Society and History.” 10 October 2019.
- Central University of Finance and Economics, Beijing. “On Methods of Historical Social Science.” 22 October 2019.
- Central China Normal University, Wuhan, School of Politics and International Studies, “The Distinctive Features of China’s Economy: And Why They Matter.” 1 November 2019.

#### ***Policy engagement***

- Board of Auditors, Quality Assurance Council, University Grants Committee, Hong Kong Government, 2007-2011; 2013-
- Advisory Committee, Universities Service Centre for China Studies, Chinese University of Hong Kong, 2015-2021.
- Standing Review Board, Social Science Panel, Research Grants Committee, Hong Kong, 2017-2021.
- Advisory Council, Center for Contemporary China, Princeton University, 2017-2021.

### **PAUL H. WISE**

#### ***Academic publications***

- Stevenson DK, Wong RJ, Aghaeepour N, Angst MS, Darmstadt GL, DiGiulio DB, Druzin ML, Gaudilliere B, Gibbs RS, B Gould J, Katz M, Li J, Moufarrej MN, Quaintance CC, Quake SR, Relman DA, Shaw GM, Snyder MP, Wang X, **Wise PH**. Understanding health disparities. *J Perinatol*. 2019 Mar;39(3):354-358.
- Anand S, Montez-Rath ME, Adasooriya D, et. Al. Prospective biopsy-based study of CKD of unknown etiology in Sri Lanka. *Clin J Amer Soc Nephrology*. 2019;14:224-32.
- Spiegel P, Ratnayake R, Hellman N, Ververs M, Ngwa M, **Wise PH**, Lantagne D. Responding to epidemics in large-scale humanitarian crises: a case study of the cholera response in Yemen, 2016-2018. *BMJ Global Health*. 2019.4: e001709.
- Wren SM, Wild HB, Gurney J, Amirtharajah M, Brown ZW, Bulger EM, Burkle FM, Elster EE, Forrester JD, Garber K, Gosselin AR, Groen RS, Hsin G, Joshupura M, Kushner AL, Norton I, Osmer I, Pagano H, Razek T, Saenz-Terrazas JM, Schussler L, Stewart BT, Traboulsi AA, Trelles M, Troke J, VanFosson CA, **Wise PH**. Confronting the evolution of warfare: A new framework for the humanitarian surgical response to armed conflict. *JAMA Surg*. (In Press).

- Wagner Z, Heft-Neal S, Wise PH, Black RE, Burke M, Boerma T, Bhutta ZA, Bendavid E. Women and children living in areas of armed conflict: A geospatial analysis of mortality and orphanhood in Africa. *Lancet Glob Health*. (In Press).
- Stevenson DK, Wong RJ, Shaw GM, Li J, Wise PH, Davis JM. The contributions of genetics to premature birth. *Pediatr Res*. 2019; 85:416-7.

### ***Courses taught***

- Global Public Health (with Gary Darmstadt)
- Health and Security

### ***Invited talks***

- “Humanitarian Pediatrics: The Need for a New Field”, Pediatric Days, Medicins Sans Frontieres, Stockholm, Sweden.
- “New Challenges to Humanitarian Principles: The Health Response to the Battle of Mosul”. US Naval War College
- “The Evolution of Medicaid for Children: The Creation of a Unified System for Children with Special Health Care Needs”. Pediatric Academic Societies Annual Meeting, Baltimore, MD
- “Preserving Cultural Heritage in Areas of Violent Conflict: Humanitarian Considerations”, Getty Museum, Los Angeles, CA
- “Humanitarian Challenges in Modern War”, Brookings Institution, Washington, DC.
- “The Contribution of Early Life to Longevity”, New Map of Life Workshop, Bellagio, IT
- “The Future of Child Health in an Aging America”, California Children’s Hospital Association, San Diego, CA
- “Challenges to Regionalized Specialty Care for Children with Serious Conditions”, California Specialty Care Coalition, San Diego, CA
- “Transdisciplinary Strategies to Confront Premature Birth”, Burroughs-Wellcome Fund Workshop on Pregnancy Research, Durham, NC

### ***Policy engagement***

- *Department of Health and Human Services, Secretary’s Advisory Committee on Infant Mortality, DHHS*
- March of Dimes Public Policy Advisory Council
- Board of Directors, Central American Healthcare Initiative
- Co-Lead, Rethinking the Humanitarian Health Response to War, American Academy of Arts and Sciences
- Advisory Board, *Child and Adolescent Health Measurement Initiative, Health Services and Resources Administration, DHHS*
- *Special Expert, US Federal District Court, Flores v. Barr, independent assessment of the treatment of migrant children in US immigration custody*

## **AMY ZEGART**

### ***Academic publications***

- Book: *Bytes, Bombs, and Spies: The Future of Offensive Cyber Operations*, co-edited with Herb Lin (Brookings Institution Press, 2019).
- *Political Risk*, co-authored with Condoleezza Rice (Twelve, 2019) – paperback published, Korean language edition published 2019.
- “The Next Director of National Intelligence,” *Foreign Affairs*, August 9, 2019.
- “Spies, Lies, and Algorithms: Why U.S. Intelligence Agencies Must Adapt or Fail,” with Michael Morell, *Foreign Affairs*, May/June 2019 issue.

- “Debate Moderators Don’t Know Much about National Security,” *The Atlantic*, June 29, 2019.
- “Not All Drones are Created Equal,” *The Atlantic*, June 21, 2019.
- “Decades of Being Wrong about China Should Teach Us Something,” *The Atlantic*, June 8, 2019.
- “America’s Misbegotten Cyber Strategy,” *The Atlantic*, February 2, 2019.
- “The Divide Between Silicon Valley and Washington is a National Security Threat,” with Kevin Childs, *The Atlantic*, December 13, 2018.
- “George Washington was a Master of Deception,” *The Atlantic*, November 25, 2018.
- “Bytes, Bombs, and Spies,” with Herb Lin, *Lawfare*, January 15, 2019.
- “An Intelligent History,” *The American Interest*, Oct. 18, 2018.

***Courses taught (note: teaching is voluntary, above load)***

- CISAC Honors seminar (2019-20 all year), with Rod Ewing
- Major or pre-major advisor for 16 undergraduates; MIP student advisor
- GSB Exec Education (political risk, cyber security)

***Invited talks (selected)***

- Stanford HAI annual conference (AI and Geopolitics; keynote with Reid Hoffman)
- Council on Foreign Relations-3 events (June 2019, November 2019, December 2019)
- Harvard Kennedy School of Government, Belfer Center (May 2019)
- Brown University, Watson Institute (March 2019)
- Stanford University, Europe Center Populisms Conference (March 2019)

***Policy engagement***

- Co-lead “Tech Track II” effort to bridge Defense Department/Silicon Valley divide with H.R. McMaster, Raj Shah (First workshop May 2019)
- Appointed expert adviser, National Security Commission on Artificial Intelligence
- Appointed to Historical Review Panel, Central Intelligence Agency
- Congressional briefings to: Senator Mike Rounds (cyber), Senator Angus King (cyber), Rep. Jim Himes (intelligence); Senate Intelligence Committee staff (intelligence), >50 congressional staff (on the future of drone warfare and coercion).
- Council on Foreign Relations (DC) event with Michael Morell and former NSA General Counsel Rick Ledgett on intelligence reform
- Co-Chair (with Herb Lin), Stanford Information Warfare Working Group (which meets quarterly and is now directing three original research projects on various aspects of cyber-enabled information warfare). The group is also advising tech companies.
- Director, Oster Hoover National Security Affairs Fellows Program (which brings military fellows to Hoover for a year of study). Hold 40 events/year.
- Member, Hoover Director Search Committee

**XUEGUANG ZHOU**

***Academic publications***

- “Social Media and Governance in China.” Book chapter. 2020
- “Informal Institutions in the Chinese Bureaucracy”. *Tsinghua Social Sciences*. 2019
- “The Huang Renyu Paradox and the Logic of the Chinese Empire: the Case of Civil Examination in Chinese History”. *Shehui*. 2019
- “In Search of Historical Roots of Governance in China” *Social Science in China* 2019



### ***Courses taught***

- No teaching – on sabbatical 2018-2019

### ***Invited talks***

- Invited talk “Understanding Chinese governments: A county-level perspective.” Keynote speech at Research conference on county-level governance. Shunde, Guangdong, China. Dec. 14-15
- Invited talk “Modes of governance in the Chinese bureaucracy: A control rights theory”, Cornell University, October 24-26
- Invited presentation “Market transition and the Chinese experience.” Renmin University, China. August 28-29
- Invited presentation “The Institutional Logic of Governance in China.” Conference on Governance: Western and Non-Western, South China University of Science and Technology, Guangzhou, China. August 20-21
- Talk on “Chinese Bureaucracy in Three Lenses,” at IN-EAST, University of Essex and Duisburg, Germany. June 18<sup>th</sup>
- Lecture series “Social science research on bureaucracy”. Renmin U., China. March-April

### **Stanford Health Policy Faculty, non FSI Senior Fellows**

#### **LAURENCE BAKER**

### ***Academic publications***

- **Baker LC**, Bundorf MK, Kessler DP. Competition in Outpatient Procedure Markets. *Medical Care*. 57:1 (January 2019) 36-41. PMID: 30507654
- Chi D, Mariano ER, Memtsoudis SG, **Baker LC**, Sun EC. Regional Anesthesia and Readmission Rates After Total Knee Arthroplasty. *Anesthesia and Analgesia*. 128:6 (June 2019) 1319-1327. Epub October 3, 2018. PMID: 30286005
- Itoga NK, **Baker LC**, Mell MW. Impact of office-based laboratories on physician practice patterns and outcomes after percutaneous vascular interventions for peripheral artery disease. *Journal of Vascular Surgery*. Epub June 13, 2019. PMID: 31204219
- Guo DP, Zlatev DV, Li S, **Baker LC**, Eisenberg ML. Demographics, Usage Patterns, and Safety of Male Users of Clomiphene in the United States. *World Journal of Mens Health*. Epub July 12, 2019. PMID: 31385473
- Sun EC, Mello MM, Moshfegh J, **Baker LC**. Assessment of Out-of-Network Billing for Privately Insured Patients Receiving Care in In-Network Hospitals. *JAMA Internal Medicine*. Epub August 12, 2019. PMID: 31403651
- Shapiro LM, Eppler SL, **Baker LC**, Harris AS, Gardner MJ, Kamal RN. The Usability and Feasibility of Conjoint Analysis to Elicit Preferences for Distal Radius Fractures in Patients 55 Years and Older. *Journal of Hand Surgery* 44:10 (October 2019) 846-852. Epub September 5, 2019. PMID: 31495523  
*Working Papers*
- **Baker LC**, Bundorf MK, Royalty AB. The Effects of Multispecialty Group Practice on Health Care Spending and Use. NBER Working Paper 25915, June 2019.

### ***Courses taught***

- Environmental and Health Policy Analysis (with Joe Nation)
- Practice of Medicine: Health Policy (with M. Kate Bundorf)

### ***Policy engagement***

- President, American Society of Health Economists

- *Center on Demography and Economics of Health and Aging – Team Work Experience and Team Performance: Evidence from Doctors* – Pilot Investigator – P30 Grant via the National Institute of Aging  
The goals of the Stanford Center on the Demography and Economics of Health and Aging (CDEHA) are to promote the study of the trends in demography, economics, health, and health care, and the effects of these trends on the well-being of the elderly.
- *Physician Organization and the Use, Cost, and Outcomes of Care* – co-Investigator – Agency for Healthcare Research and Quality
- Member, Editorial Board, Health Services Research
- Advisory Committee Member, Center on the Demography and Economics of Health and Aging, Stanford University
- Member, Editorial Board, Medical Care Research and Review
- Chair, Research Award Selection Committee, National Institute for Health Care Management
- Member, Board of Directors, AcademyHealth
- Member, Technical Expert Panel, AHRQ/Coordinating Center for the Study of Health System Performance
- Member, Bing Overseas Studies Program Faculty Oversight Committee, Stanford University
- Health Affairs Cost Council

## ERAN BENDAVID

### *Academic publications*

- Wagner Z, Heft-Neal S, Bhutta Z, Black R, Burke M, **Bendavid E**. Armed conflict and child mortality in Africa: a geospatial analysis. *The Lancet*, 392(10150), 857-865.
- Heft-Neal S, Burney J, **Bendavid E**, Burke M. Robust relationship between air quality and infant mortality in Africa. *Nature*, 559(7713), 254 (2018).
- Jakubowski A, Mai D, Asch SM, **Bendavid E**. Improved Public Opinion of the US Following Health Aid Investments: Analysis of Global Attitude Surveys from 45 Countries, 2002-2016. *AJPH*, May 2019
- Brooks N, **Bendavid E**, Miller NG. United States Aid Policy and Induced Abortion in Sub-Saharan Africa: An Analysis of the Mexico City Policy. *The Lancet Global Health*, 7(8), e1046 - e1053.
- Lo N, Heft-Neal S, Coulibaly JT, Leonard L, Addiss D, **Bendavid E**. State of deworming coverage and equity in low-income and middle-income countries: a spatiotemporal study of cross-sectional household health surveys. *The Lancet Global Health*, 7(11), e1511-e1520.
- Wagner Z, Heft-Neal S, Wise P, Boerma T, Bhutta Z, Black R, Burke M, **Bendavid E**. Women and Children Living in Areas of Armed Conflict: A Geospatial Analysis of Mortality and Orphanhood in Africa. *The Lancet Global Health*, 2019.
- Templin T, Oliveira TC, Thomson B, Dieleman J, **Bendavid E**. The Overweight and Obesity Transition from the Wealthy to the Poor in Low- and Middle-Income Countries: an Analysis of Household Data from 103 Countries. *PLoS Medicine* 16(11): e1002968. <https://doi.org/10.1371/journal.pmed.1002968>
- Nyathi S, Karpel HC, Sainani KL, Maldonado Y, Hotez PJ, **Bendavid E**, Lo NC. Impact of the 2016 California Policy to Eliminate Non-Medical Exemptions on Vaccine Coverage: An Empirical Policy Analysis. *PLoS Medicine*
- Ryckman T, Robinson M, Pedersen C, Bhattacharya J, **Bendavid E**. Impact of Feed the Future on Under-5 Nutrition in Sub-Saharan Africa: A Difference-in-Differences Evaluation. *BMJ*

### *Courses taught*

- Outcomes Analysis (with Jay Bhattacharya)

### *Invited talks*

- Aid Effectiveness, Society for the Advancement of Science in Africa, Toronto

- Making Good Use of Data, NIAID, Washington DC
- Why Should We Care About Global Health Policy? American Physician Scientist Association, Los Angeles
- Surveying the Health Impacts of Armed Conflict, *Lancet*, London
- Measuring the Impacts of Attacks on Healthcare in Conflict Settings. Humanitarian and Conflict Response Institute, Washington DC

### ***Policy engagement***

- Evaluating Foreign Aid Programs for Developing Human Resources for Health. National Academies of Sciences, Engineering, and Medicine
- Steering committee of the Bridging Research & Action in Conflict Settings for the Health of Women & Children (BRANCH) consortium
- Co-leading Robert Wood Johnson Foundation and NSF-funded grants on the health co-benefits of reducing emission and key air pollutants
- Lead of NIH-funded Big Data Analysis of HIV Risk and Epidemiology in Sub-Saharan Africa.
- Lead of Stanford Precision Health for Ethnic and Racial Equity (SPHERE) Analytics and Modeling core

## **JAY BHATTACHARYA**

### ***Academic publications***

- McKenzie RB, Sanders L, Bhattacharya J, Bundorf MK “Health Care System Factors Associated with Transition Preparation in Youth with Special Health Care Needs” *Population Health Management* 22(1):63-73. doi: 10.1089/pop.2018.0027. Epub 2018 Jun 29 (2019)
- Erickson KF, Winkelmayer WC, Ho V, Bhattacharya J, Chertow GM “Market Consolidation and Mortality in Patients Initiating Hemodialysis” *Value in Health*. 22(1):69-76. doi: 10.1016/j.jval.2018.06.008. Epub 2018 Jul 27. (2019)
- Curto V, Einav L, Finkelstein A, Levin JD, **Bhattacharya J** “Healthcare Spending and Utilization in Public and Private Medicare” *American Economic Journal: Applied* 11(2): 302-32 (2019)
- Mooney JJ, **Bhattacharya J**, and Dhillon GS “Effect of Broader Geographic Sharing of Donor Lungs on Lung Transplant Waitlist Outcomes” *Journal of Heart and Lung Transplantation* 38(2):136-144. doi: 10.1016/j.healun.2018.09.007. Epub 2018 Sep 14. (2019)
- Azad, T., Vail, D., Bentley, J., Han, S., Suarez, P., Varshneya, K., Mittal V, Desai M, **Bhattacharya J**, and Ratliff, J. “Initial Provider Specialty is Associated with Long-term Opiate Use in Patients with Newly Diagnosed Low Back and Lower Extremity Pain.” *Spine* 44(3):211-218. doi: 10.1097/BRS.0000000000002840. (2019)
- Patel MI, Moore D, **Bhattacharya J**, Milstein A, & Coker TR “[Perspectives of Health Care Payer Organizations on Cancer Care Delivery Redesign: A National Study](#)” *Journal of Oncology Practice* 15:1, e46-e55 (2019)
- Lin E, **Bhattacharya J**, & Chertow GM “Prior Hospitalization Burden and the Relatedness of 30-Day Readmissions in Patients Receiving Hemodialysis.” *Journal of the American Society of Nephrology*, 30(2), 323–335. <https://doi.org/10.1681/asn.2018080858> (2019)
- Packalen M, & **Bhattacharya J**. “Age and the Trying Out of New Ideas.” *Journal of Human Capital*, 13(2), 341–373. <https://doi.org/10.1086/703160> (2019)
- Patel MI, Ramirez D, Agajanian R, Agajanian H, **Bhattacharya J**, & Bundorf KM “Lay Health Worker-Led Cancer Symptom Screening Intervention and the Effect on Patient-Reported Satisfaction, Health Status, Health Care Use, and Total Costs: Results From a Tri-Part Collaboration.” *Journal of Oncology Practice*, <https://doi.org/10.1200/JOP.19.00152> (2019)

- Sandhu AT, Kohsaka S, **Bhattacharya J**, Fearon WF, Harrington RA, & Heidenreich PA. “Association Between Current and Future Annual Hospital Percutaneous Coronary Intervention Mortality Rates.” *JAMA Cardiology*, 1–8. <https://doi.org/10.1001/jamacardio.2019.3221> (2019)
- Patel M, Andrea N, **Bhattacharya J**, & Coker TR. “A Community-Partnered, Evidence-Based Approach to Improving Cancer Care Delivery for Low-Income and Minority Patients with Cancer.” *Journal of Community Health*, 44(5), 912–920. <https://doi.org/10.1007/s10900-019-00632-x> (2019)
- Hamad R, Templeton ZS, Schoemaker L, Zhao M, & **Bhattacharya J**. “Comparing Demographic and Health Characteristics of New and Existing SNAP Recipients: Application of A Machine Learning Algorithm.” *The American Journal of Clinical Nutrition*, 109(4), 1164–1172. <https://doi.org/10.1093/ajcn/nqy355> (2019)
- Curto V, Einav L, Finkelstein A, Levin J, & **Bhattacharya J**. “Health Care Spending and Utilization in Public and Private Medicare.” *American Economic Journal: Applied Economics*, 11(2), 302–332. <https://doi.org/10.1257/app.20170295> (2019)
- Erickson KF, Zhao B, Niu J, Winkelmayer WC, **Bhattacharya J**, Chertow GM, & Ho V. “Association of Hospitalization and Mortality Among Patients Initiating Dialysis with Hemodialysis Facility Ownership and Acquisitions.” *JAMA Network Open*, 2(5), e193987. <https://doi.org/10.1001/jamanetworkopen.2019.3987> (2019)
- Jena AB, Farid M, Blumenthal D, & **Bhattacharya J**. “Association of Residency Work Hour Reform with Long Term Quality and Costs of Care of US Physicians: Observational Study.” *BMJ*, 366, l4134. <https://doi.org/10.1136/bmj.l4134> (2019).
- Hamad R, Nguyen TT, **Bhattacharya J**, Glymour MM, & Rehkopf DH. “Educational Attainment and Cardiovascular Disease in The United States: A Quasi-Experimental Instrumental Variables Analysis.” *PLoS Medicine*, 16(6), e1002834. <https://doi.org/10.1371/journal.pmed.1002834> (2019)
- Yu JX, Lin JL, Oliver M, Soetikno R, Chang MS, Kwong AJ, Limketkai BN, **Bhattacharya J**, Kaltenbach T. Trends in EMR for Nonmalignant Colorectal Polyps in The United States. *Gastrointestinal Endoscopy*. <https://doi.org/10.1016/j.gie.2019.08.004> (2019)
- Kim D, **Bhattacharya J**, Park S, Chen C, Bhattacharya J, Eggleston K, Zhao M “Smoking, life expectancy and chronic disease in South Korea, Singapore, and the United States: a microsimulation model” *Health Economics* (2020, forthcoming)

### **Courses taught**

- Economics of Health and Medical Care
- Outcomes Analysis (with Eran Bendavid)
- Advanced Topics in the Economics of Health and Medical Care (with M. Kate Bundorf)

### **Policy engagement**

- **Bhattacharya J**, Vail D, Moore D, Vogt W, Choradia N, Do R, Erickson K, Feinberg L, Isara F, Lin E, Narayanan V, Vaikath M, MaCurdy T. Medicare Current State and Future Trends Environment Scan. Center for Medicare and Medicaid Services (CMS) White Paper (2019)
- Journal Editing, *Journal of Human Capital*, Associate Editor
- *Center on Demography and Economics of Health and Aging* – Principal Investigator – P30 Grant via the National Institute of Aging  
The goals of the Stanford Center on the Demography and Economics of Health and Aging (CDEHA) are to promote the study of the trends in demography, economics, health, and health care, and the effects of these trends on the well-being of the elderly.
- *Innovations in an Aging Society* – Principal Investigator, subaward – P01 Grant via the National Institutes of Health  
The major goals of this project are to investigate the micro-level determinants of research in medicine and estimate the effect of this research on the health of the population. Our research agenda will provide considerable guidance to policy makers in making decisions about the optimal amount of public money to

invest in medical research and about how to structure incentives to conduct research across the lifespan of medical researchers.

- *Public versus Private Provision of Health Insurance* – Principal Investigator – Alfred P. Sloan Foundation Grant  
The major goals of this project are to examine the benefits to users under different health insurance models.
- *MACRA Episode Groups and Resource Use Measures* – Principal Investigator, subaward – CMS  
The goal of this contract is to devise an alternative payment model for Medicare for physician payment that creates incentives for coordinated care. The focus is on the development and implementation of episode grouper algorithms to create resource use measures to modify Medicare's fee-for-service based physician payment system to create incentives for high quality and cost-effective care.
- *Big Data Analysis of HIV Risk and Epidemiology in Sub-Saharan Africa* – Investigator – Grant from NIH  
The goal of this project is to develop and apply data analytic methods that are analogous to those used in genome-wide association studies (GWAS) to identify the most effective HIV prevention, treatment, and containment strategies in use around the world.
- *A Nutritional Account of Global Trade: Determinants and Health Implications* – Principal Investigator – France-Stanford Center for Interdisciplinary Studies grant
- *The CBER Biologics Effectiveness and Safety (BEST) Initiative; Queries and Epidemiologic Studies* – Principal Investigator, subaward – FDA/Acumen, LLC  
The major goal of this project is to provide clinical, epidemiological, and statistical expertise to support all research activities in this contract, including creation of algorithms translating information from medical records into usable research concepts and measures for conducting epidemiologic studies of biologics, and provide input into all aspects of queries and epidemiologic studies conducted on use, safety, and efficacy of biologic products.

## M. KATE BUNDORF

### *Academic publications*

- Glassman J, Hopkins DSP, **Bundorf MK**, Kaplan RM, Ragavan MV, Glaseroff A, Milstein A. Association between HEDIS Performance and Primary Care Physician Age, Group Affiliation, Training and Participation in ACA Exchanges, Forthcoming, *Journal of General Internal Medicine*.
- Patel M, Desai M, Ramirez D, Agajanian R, Agajanian H, Bhattacharya J, Milstein A, **Bundorf MK**. "A Lay Health Worker-led Cancer Symptom Screening Intervention and the Effect on Patient-Reported Satisfaction, Self-reported Health Status, Healthcare Use, and Total Costs of Care: Results from a collaboration between an academic medical center, a private oncology practice, and a Medicare Advantage healthcare payer organization", Forthcoming, *Journal of Oncology Practice*.
- Meehan A, **Bundorf MK**, Klimke R, Stults CD, Chan AS, Pun T, Tai-Seale M. "Online Consent Enables a Randomized, Controlled Trial Testing a Patient-Centered Online Decision-Aid for Medicare Beneficiaries to Meet Recruitment Goal in Short Time Frame", *Journal of Patient Experience*, First published November 26, 2019.
- [Baker LC, Bundorf MK, Devlin A, Kessler DP. Why Don't Commercial Health Plans Use Prospective Payment?](#) Forthcoming *American Journal of Health Economics*.
- Stults CD, Fattahi S, Meehan A, **Bundorf MK**, Chan AS, Pun T, Tai-Seale M. "Comparative Usability Study of a Newly Created Patient-Centered Tool and Medicare.gov Plan Finder to Help Medicare Beneficiaries Choose Prescription Drug Plans". *Journal of Patient Experience*. 2019. Vol. 6(1) 81-86. PMID: 31236456.
- Jie Bai, **Bundorf MK**, Fei Bai, Huiqin Tang, Di Xue. "Relationship between physician financial incentives and clinical pathway compliance: a cross-sectional study of 18 public hospitals in China", *BMJ Open*, 2019, May 28;9(5): PMID: 31142531.

- Pershing S, Henderson V, **Bundorf MK**, Lu Y, Rahman M, Andrews CA, Goldstein M, Stein JD, "Differences in Cataract Surgery Rates based on Dementia Status" *J Alzheimers Dis.* 2019;69(2):423-432. PMID: 31142531
- **Bundorf MK**, Polyakova M, Stults C, Meehan A, Klimke R, Pun T, Chan AS, Tai-Seale M. "[Machine-Based Expert Recommendations And Insurance Choices Among Medicare Part D Enrollees.](#)" *Health Affairs.* 2019 Mar;38(3):482-490. PMID: 30830808.
- Sceats LA, Morris AM, **Bundorf MK**, Park KT, Kin C. "[Sex Differences in Treatment Strategies Among Patients With Ulcerative Colitis: A Retrospective Cohort Analysis of Privately Insured Patients.](#)" *Dis Colon Rectum.* 2019 Feb 8. PMID: 30762599.
- Baker LC, **Bundorf MK**, Kessler DP. "[Competition in Outpatient Procedure Markets.](#)" *Med Care.* 2019 Jan;57(1):36-41. PMID: 30507654.

*NATIONAL BUREAU OF ECONOMIC RESEARCH (NBER) WORKING PAPERS (Currently Under Review)*

- \***Bundorf MK**, Polyakova MP, Tai-Seale M. "How do Humans Interact with Algorithms? Experimental Evidence from Health Insurance", NBER Working Paper W25976, June 2019.
- Baker LC, **Bundorf MK**, Royalty AB. "The Effects of Multispecialty Group Practice on Health Care Spending and Use", NBER Working Paper W25976, June 2019.

### ***Courses taught***

- Health Policy PhD Core Seminar II – First Year
- Health Law: Finance and Insurance (with Daniel Kessler)
- Health Policy Seminar: Population Health (with Eugene Lewitt)
- Practice of Medicine: Health Policy (with Laurence Baker)
- Advanced Topics in the Economics of Health and Medical Care (with Jay Bhattacharya)

### ***Invited talks***

- "How do Humans Interact with Algorithms? Experimental Evidence from Health Insurance", Johns Hopkins Carey School, November 22, 2019.
- "How do Humans Interact with Algorithms? Experimental Evidence from Health Insurance", Sanford School of Public Policy, Duke University, October 28, 2019.
- "Machine-Based Expert Recommendations And Insurance Choices Among Medicare Part D Enrollees", Health Affairs Event – Patients as Consumers. March 5, 2019.
- Conference presentations: ASSA Annual Meeting, Boulder Summer Conference on Consumer Financial Decision Making, AcademyHealth, Annual Health Economics Conference, Rand Behavioral Finance Forum; Conference on Health IT and Analytics (1 research presentation).

### ***Policy engagement***

- Brief for economists and professors as Amici Curiae supporting petitioners, Maine Community Health Options v. United States on petitions for writs of certiorari to the United States Court of Appeals for the Federal Circuit. Nos. 18-1023, 18-1028 and 18-1038. March 8, 2019.
- Case accepted by the U.S. Supreme Court, June 24, 2019

## **DAVID C. CHAN**

### ***Academic publications***

- Industry Input in Policymaking: Evidence from Medicare. *Quarterly Journal of Economics* 2019 August; 134(3): 1299-1342. (with Michael Dickstein)

- David C. Chan, Johnny Huynh, David M. Studdert. The accuracy of valuations of surgical procedures in the Medicare fee schedule. *New England Journal of Medicine* 2019 Apr 18; 380(16):1546-1544. *Working Papers*
- Learning on the Job: Evidence from Physicians in Training. Second round resubmission to *American Economic Journal: Economic Policy*.
- Selection with Skills: Evidence from Radiologists. (with Chuan Yu and Matthew Gentzkow)
- A Doctor Will See You Now: Physician-patient Relationships and Clinical Decisions. (with Marit Rehaavi, Erin Johnson, and Daniela Carusi)

### ***Courses taught***

- Topics in Health Economics I (with Maria Polyakova)

### ***Invited talks***

- *"Selection with Variation in Diagnostic Skill: Evidence from Radiologists"*
  - American Economic Association Annual Meeting
  - Carnegie Mellon Tepper
  - Erasmus University
  - Lund University
  - McGill University Economics
  - NBER Summer Institute Health Care
  - Northwestern University Economics
  - UC Berkeley Labor
  - University College London
  - University of Copenhagen
  - Western Economic Association International
- *"Who Should Get Blood? Personalizing Medicine with Heterogeneous Treatment Effects"*
  - NBER Machine Learning in Health Care
- *"Triage Judgments in the Emergency Department"*
  - American Society of Health Economists Biennial Conference
- "Setting Prices for Physician Services"
  - Baker Institute for Public Policy, Rice University
- "Health Economics and Organizational Economics: Productivity and Microfoundations"
  - NBER Health Economics Research Boot Camp

### ***Policy engagement***

- *The Benefit and Burden of Electronic Reminders in Optimizing Patient Care* – Principal Investigator - National Institutes of Health, DP5 award.
- *The Impact of Local Coverage Determinations on Cost and Patient Outcomes* – Pilot Project Leader– NIH P30 grant Pilot.
- *Evaluating the VA Make-or-Buy Decision in Emergency Care* – Principal Investigator – VA HSRD 1 I01 award.
- What Do Patients Get from Expanding Health Care Capacity? Evidence from the Veterans Health Administration. (with Joshua Gottlieb)
- Evaluating the Make-or-buy Decision in Social Health Insurance. (with David Card and Lowell Taylor)
- Triage Judgments in the Emergency Department. (with Jonathan Gruber)
- Regulating by Quantity in Medicare. (with Maria Polyakova)
- Personalized Medicine and Patient Selection: Discretion vs. Guidelines. (with Jason Abaluck and Leila Agha)



## JEREMY GOLDHABER-FIEBERT

### *Academic publications*

- Sehested TSG, Bjerre J, Ku S, Change A, Jahansouz A, Owens DK, Hlatky MA, Goldhaber-Fiebert JD. Cost-effectiveness of canakinumab for prevention of recurrent cardiovascular events. *JAMA Cardiology*. 2019 Feb 1;4(2):128-135.
- Harris JP, Saraswathula A, Kaplun B, Qian Y, Chan A, Chan ATC, Le QT, Owens DK, Goldhaber-Fiebert JD, Pollom E. Cost-effectiveness of Screening for Nasopharyngeal Carcinoma among Asian-American Men in the US. *Otolaryngology-Head and Neck Surgery*. 2019 Jul;161(1):82-90.
- Ma J, Rosas LG, Lv Nan, Lan X, Snowden MB, Venditti EM, Lewis MA, Goldhaber-Fiebert JD, Lavori PW. Effect of integrated behavioral weight loss treatment and problem solving therapy on body mass index and depressive symptoms among patients with obesity and depression: the RAINBOW randomized clinical trial. *JAMA*. 2019 Mar 5;321(9):869-879.
- Reid M, Arinaminpathy N, Bloom A, Bloom B, Boehme C, Chaisson R, Chin D, Churchyard G, Cox H, Ditiu L, Dybul M, Farrar J, Fauci A, Fekadu E, Fujiwara PL, Hallett T, Hanson C, Harrington M, Herbert N, Hopewell P, Ikeda C, Jamison D, Khan A, Koek I, Krishnan N, Motsoaledi A, Pai M, Ravigliione M, Sharman A, Small P, Swaminathan S, Temesgen Z, Vassall A, Venkatesan N, van Weezenbeek K, Yamey G, Agins B, Alexandru S, Andrews J, Beyeler N, Bivol S, Brigden G, Cattamanchi A, Cazabon D, Crudu V, Daftary A, Dewan P, Doepel L, Eisinger R, Fan V, Fewer S, Furin J, Goldhaber-Fiebert JD, Gomez GB, Graham S, Gupta D, Kamene M, Khaparde S, Mailu EW, Masini E, McHugh L, Mitchell E, Moon S, Osberg M, Pande T, Prince L, Rade K, Rao R, Remme M, Seddon JA, Selwyn C, Shete P, Stallworthy G, Vesga JF, Vilc V, Goosby E. Building a tuberculosis-free world: The Lancet Commission on tuberculosis. *Lancet*. 2019 Mar 30;393(10178):1331-1384.
- Cheng XS, Goldhaber-Fiebert JD, Tan JC, Chertow GM, Kim WR, Wall AE. Defining a willingness-to-transplant threshold in an era of organ scarcity: Simultaneous liver-kidney transplant as a case example. *Transplantation*. 2019 May 15. [Epub ahead of print].
- Lin JK, Muffly LS, Spinner MA, Barnes JI, Owens DK, Goldhaber-Fiebert JD. Cost-Effectiveness of Chimeric Antigen Receptor T-Cell Therapy in Multiply Relapsed or Refractory Adult Large B-Cell Lymphoma. *Journal of Clinical Oncology*. 2019 Aug 20;37(24):2105-2119.
- Gidwani-Marszowski R, Owens DK, Lo J, Goldhaber-Fiebert JD, Asch SM, Barnett PG. The Costs of Hepatitis C by Liver Disease Stage: Estimates from the Veterans Health Administration. *Applied Health Economics and Health Policy*. 2019 Aug;17(4):513-521.
- Sceats L, Ku, S, Coughran AC, Barnes B, Grimm E, Muffly M, Spain DA, Kin C, Owens DK, Goldhaber-Fiebert JD. Operative Versus Nonoperative Management of Appendicitis: A Long-Term Cost Effectiveness Analysis. *MDM Policy & Practice*. 2019 Aug 17;4(2):2381468319866448.
- Alsan M, Prince L, Adukia A, Babiarz KS, Goldhaber-Fiebert JD. Religion and Sanitation Practices. *The World Bank Economic Review*, 2019, lhz016, <https://doi.org/10.1093/wber/lhz016>.
- Claypool A, Brandeau ML, Goldhaber-Fiebert JD. Quantifying Positive Health Externalities of Disease Control Interventions: Modeling Chikungunya and Dengue. (In Press, *Medical Decision Making*, 2019).
- Shekelle P, Paige NM, Apaydin E, Goldhaber-Fiebert JD, Mak S, Miake-Lye I, Beashaw M, Beroes-Severin J. What is the Optimal Primary Care Panel Size? A Systematic Review. (In Press, *Annals of Internal Medicine*, 2019).
- Blum MR, Oeien H, Carmichael HL, Heidenreich P, Owens DK, Goldhaber-Fiebert JD. Cost-Effectiveness of Transitional Care Services After Hospitalization with Heart Failure. (In Press, *Annals of Internal Medicine*, 2019).
- Rosas LG, Azar KMJ, Lu N, Xiao L, Goldhaber-Fiebert JD, Snowden MB, Venditti EM, Lewis MM, Goldstein-Piekarski AN, Ma J. Effect of an integrated collaborative care intervention for comorbid obesity and depression on health-related quality of life and psychosocial functioning: A priori secondary outcomes in the RAINBOW trial. (In Press, *American Journal of Preventive Medicine*, 2019).
- Critchley G, Cipriano LE, Zaric GS, Goldhaber-Fiebert JD. Coordinating Multi-Payer Health Care Systems. (*Submitted*, 2019).



- Pitt AL, Goldhaber-Fiebert JD, Brandeau ML. Public Health Interventions with Harms and Benefits: A Framework for Evaluating Tradeoffs. (*Submitted*, 2019).
- Barnes JI, Lin JK, Gupta D, Owens DK, Goldhaber-Fiebert JD, Kunz PL. Cost-Effectiveness of Initial vs. Delayed Lanreotide for Treatment of Metastatic Enteropancreatic Neuroendocrine Tumors. (*Submitted*, 2019).

#### *Abstracts*

- Priromprintr B, Song N, Owens DK, Salomon JA, Cho SH, Ton S, Zhao D, Almond CS, Rosenthal DN, **Goldhaber-Fiebert JD**, Shin AY. A Cost-effectiveness Analysis of Ventricular Assist Devices (VAD) for the Treatment of Systolic Heart Failure in Pediatric Patients. Presented to the American Heart Association Scientific Sessions, Philadelphia, Pennsylvania, 2019.
- Ching JH, Trafton JA, **Goldhaber-Fiebert JD**, Owens DK, Salomon JA. Estimated Mortality Rates Among Treated and Untreated Veterans with Opioid Use Disorder in the Veterans Health Administration. Presented to the Society for Medical Decision Making, Portland, Oregon, 2019. (**Advisee was Finalist for Lee Lusted Prize for Outstanding Student Research**).
- Malloy G, **Goldhaber-Fiebert JD**, Enns EA, Brandeau ML. Predicting the Effectiveness of Interventions for Infectious Disease Control: The Role of Model Structure. Presented to the Society for Medical Decision Making, Portland, Oregon, 2019.
- Malloy G, Brandeau ML, Andrews J, **Goldhaber-Fiebert JD**. Cost-Effectiveness of Interventions to Prevent Plague in Madagascar. Presented to the Society for Medical Decision Making, Portland, Oregon, 2019. (**Winner of Lee Lusted Prize for Outstanding Student Research**).
- Heath A, Kunst NR, Jackson C, Strong M, Alarid-Escudero F, **Goldhaber-Fiebert JD**, Baio G, Menzies NA, Jalal H. Calculating the Expected Value of Sample Information in Practice: Considerations from Three Case Studies. Presented to the Society for Medical Decision Making, Portland, Oregon, 2019.
- Kunst NR, Wilson ECF, Alarid-Escudero F, Baio G, Brennan A, Fairley M, Glynn D, **Goldhaber-Fiebert JD**, Jackson C, Jalal H, Menzies NA, Strong M, Thom H, Heath A. Practical Considerations for the Efficient Computation of the Expected Value of Sample Information to Prioritize Research in Health Care. Presented to the Society for Medical Decision Making, Portland, Oregon, 2019.
- **Goldhaber-Fiebert JD**, Cipriano LE. Pricing Treatments Cost-Effectively When They Have Multiple Indications: Not Just a Simple Threshold Analysis. Presented to the Society for Medical Decision Making, Portland, Oregon, 2019.
- Claypool A, Brandeau ML. **Goldhaber-Fiebert JD**. Prevention and Control of Dengue and Chikungunya in Colombia: A Cost-Effectiveness Analysis. Presented to the Society for Medical Decision Making, Portland, Oregon, 2019. (**Winner of Lee Lusted Prize for Outstanding Student Research**).
- Fairley M, Cipriano LE. **Goldhaber-Fiebert JD**. Optimizing Portfolios of Research Studies Designed to Inform Economic Evaluations. Presented to the Society for Medical Decision Making, Portland, Oregon, 2019. (**Advisee was Finalist for Lee Lusted Prize for Outstanding Student Research**).
- Fairley M, Cipriano LE. **Goldhaber-Fiebert JD**. Optimal Allocation of Clinical Trial Sample Size to Subpopulations with Correlated Parameters. Presented to the Society for Medical Decision Making, Portland, Oregon, 2019.
- Ryckman T, Luby S, Owens DK, Bendavid E, **Goldhaber-Fiebert JD**. Comparing Methods for Model Calibration with High Uncertainty: Modeling Cholera in Bangladesh. Projections. Presented to the Society for Medical Decision Making, Portland, Oregon, 2019.
- Lee K, Salomon JA, **Goldhaber-Fiebert JD**. Calibration to Cross-Sectional Data When Birth Cohort Trends Exist As Exemplified By Models of Heavy Drinking in China: Consistency with Calibration Targets Despite Markedly Different Parameters and Future Projections. Presented to the Society for Medical Decision Making, Portland, Oregon, 2019.
- Lee K, Salomon JA, **Goldhaber-Fiebert JD**. Age- and Time- Trends in Harmful Alcohol Use in China: Projecting Burden and the Potential for Intervention Benefit. Presented to the Society for Medical Decision Making, Portland, Oregon, 2019. (**Winner of Lee Lusted Prize for Outstanding Student Research**).

- Raich W, Baxter J, Robinson L, **Goldhaber-Fiebert JD**, Sullivan P, Hanmer J. Estimates of First-Year Quality-Adjusted Life Year Loss for Injuries and Poisonings in the United States. Presented to the Society for Medical Decision Making, Portland, Oregon, 2019.
- Lin J, Muffly LS, Spinner MA, Barnes JI, Owens DK, **Goldhaber-Fiebert JD**. Cost-Effectiveness of Chimeric Antigen Receptor T-Cell Therapy in Multiply Relapsed or Refractory Adult Large B-Cell Lymphoma. Presented to the American Society of Clinical Oncology Annual Meeting, Chicago, IL, 2019.

### ***Courses taught***

- Analysis of Costs, Risks, and Benefits of Health Care (with Joshua Salomon)
- Advanced Decision Science Methods and Modeling in Health
- Econometrics and Probability Theory for Health Policy Modelers (with Joshua Salomon)
- Health Policy Modeling (Guest Lecturer)
- Advanced Decision Science Modeling – Erasmus MC, Netherlands
- Medical Decision Making (with Moshe Leshno) – Tel Aviv University, Israel

### ***Invited talks***

- *Estimating life year gain from one-armed trials. HTA case*, August 15, 2019, University of Oslo, Norway
- *Handling cross-over in RCTs. HTA case*, August 16, 2019, University of Oslo, Norway

### ***Policy engagement***

- **Goldhaber-Fiebert JD**, Prince L. Impact Evaluation of a Predictive Risk Modeling Tool for Allegheny County's Office of Children, Youth and Families (Final Report of a Multi-Year Study, 2019).
- Scientific Advisory Group, Better Start Bradford Innovation Hub
- Member, International Network of Research on Inequalities in Child Health (INRICH)
- Member, Conference Abstract Reviewer, Society for Medical Decision Making

## **MARY K. GOLDSTEIN**

### ***Academic publications***

- Hsu KY, Slightam C, Shaw JG, Tierney A, Hummel DL, **Goldstein MK**, Chang ET, Boothroyd D, Zulman DM. High-Need Patients' Goals and Goal Progress in a Veterans Affairs Intensive Outpatient Care Program. *J Gen Int Med (JGIM)* Aug; 34(8): 1564-1570, 2019. (Epub ahead of print 5/28/2019). DOI: 10.1007/s11606-019-05010-w
- Pershing S, Henderson VW, Bundorf MK, Lu Y, Rahman M, Andrews CA, **Goldstein M**, Stein JD. Differences in Cataract Surgery Rates based on Dementia Status. *Journal of Alzheimer Disease*. 69(2):423-432, 2019. doi: 10.3233/JAD-181292
- Pershing S, **Goldstein MK**, Henderson VW, Lu MY, Bundorf K, Rahman M, Stein JD. Differences in Likelihood of Receiving Eye Care based on Dementia Status. *under review*
- Gould CE, Loup J, Kuhn E, Beaudreau SA, Ma F, **Goldstein MK**, Wetherell JL, Zapata AML, Choe P, O'Hara R. Technology Use and Preferences for Mental Health Self-Management Interventions among Older Veterans. *under review*
- Sohlberg EM, Thomas I-C, Yang J, Kristopher Kapphahn K, Kyla N. Velaer KN, **Goldstein MK**, Wagner TH, Chertow GM, Brooks JD, Patel CJ, Desai M, Leppert JT. Laboratory-Wide Association Study (LWAS) in Patients with Prostate Cancer. *Under review*

### ***Invited Talks***

- *Clinical Reasoning when Patient are Older than the Participants in Clinical Trials: Multiple Chronic Conditions and/or Complex Comorbidities*, January 13, 2019, Outpatient Resident Seminar Series on Geriatrics, Internal Medicine Residency Program, Stanford University (presented at VA Palo Alto)

- *Interpreting Evidence When Caring for Patients with Multiple Chronic Conditions and/or Complex Comorbidities*, February 19, 2019, Clinical Reasoning Teaching Series for Hospitalists and Stanford Residents, at VA Palo Alto
- *Minimally Disruptive Medicine*, February 20, 2019, Panelist for Multidisciplinary Conference, Medical Service, VA Palo Alto
- *Computer Support for Clinical Reasoning: the Good, the Bad, the Ugly*, May 7, 2019, Clinical Reasoning Teaching Series for Hospitalists and Stanford Residents, at VA Palo Alto
- *Clinical Decision Support Project*, May 10, 2019, Presentation to Strategic Advisory Group for VA HSR&D QUERI for Medication Safety
- *Clinical Communication Strategies for Navigating Emotion*, June 19, 2019, Panelist for session sponsored by Teaching and Mentoring Academy, Stanford University School of Medicine
- *From Patient Data through Computable Medical Knowledge to Actionable Recommendations: Clinical Decision Support for Health Professionals*, December 3, 2019, The Joint George Washington University – CNHS Informatics Seminar Series, Washington, DC
- *Clinical Decision Support for Health Professionals*, December 11, 2019, Department of Medicine Grand Rounds, Washington DC VA Medical Center, Washington DC.

### ***Policy engagement***

- *Chief, Medical Service*, VA Palo Alto Health Care System
- *Chairperson*, HSR&D VA Information Resource Center (VIREC) Steering Committee
- *Advisory Committee*, Quality Improvement Resource Center (QuIRC)
- *Member*, Research Planning Council, VA Palo Alto
- *Member*, Clinical Planning Council, VA Palo Alto
- *Member*, Board of Directors, Palo Alto Veterans Institute for Research (PAVIR)
- *Member*, Advisory Committee, Life-Sustaining Treatment Decision Initiative, VA Palo Alto
- *Fellow* of the American Geriatrics Society
- “Data-Mining Clinical Decision Support from Electronic Health Records” (PI: Chen, Jonathan) NIH K01 ES026837 Role: Mentor Team
- “Reducing Anxiety and Improving Functioning in Older Veterans” (PI: Gould) VA RRD Career Development Award RX001478 Role: Mentor Team
- “Personalized Life Expectancy to encourage High Value Prostate Cancer Care” VA HSR&D IIR 14-093 (PI: Leppert) Role: Co-Investigator
- “Impact and Outcomes of Cataract Surgery among Patients with Alzheimer’s Disease” NIA R03 GEMSSTAR (PI: Pershing), Role: Mentor for Geriatrics
- “Optimizing Appropriate Use of Medications for Veterans” VA HSR&D Quality Enhancement Research Initiative (QUERI) IP1 HX002261; Principal Investigators Heidenreich and Goldstein (multiple PI)
- “Center for Medication Safety in Aging” VA Patient Safety Center of Inquiry (PI: Boockvar), VA National Center for Patient Safety. Role: Co-Investigator
- “Care Coordination for High-Risk Patients with Multiple Chronic Conditions” (PI: Zulman) VA HSR&D IIR 15-316. Role: Co-Investigator

## **MARK HLATKY**

### ***Academic publications***

- Levine GN, O’Gara PT, Beckman JA, Al-Khatib SM, Birtcher KK, Cigarroa JE, de las Fuentes L, Deswal A, Fleisher LA, Gentile F, Goldberger ZD, Hlatky MA, Ikonomidis J, Joglar JA, Piano MR, Wiyeyundera DN. Recent innovations, modifications, and evolution of ACC/AHA clinical practice guidelines: An update for our constituencies. A report of the American College of Cardiology/American

Heart Association Task Force on Clinical Practice Guidelines. *J Am Coll Cardiol* 2019;73:1990-1998. (Published simultaneously in *Circulation* 2019;139:e879-e886.)

- Sehested TSG, Bjerre J, Ku S, Chang A, Jahansouza A, Owens DK, Hlatky MA, Goldhaber-Fiebert JD. Cost-effectiveness of canakinumab for prevention of recurrent cardiovascular events. *JAMA Cardiol* 2019; 4:128-135.
- Grundy SM, Stone NJ, Bailey AL, Beam C, Birtcher KK, Blumenthal RS, Braun LT, de Ferranti S, Faiella-Tommasino J, Forman DE, Goldberg R, Heidenreich PA, Hlatky MA,
- Jones DW, Lloyd-Jones D, Lopez-Pajares N, Ndumele CE, Orringer CE, Peralta CA, Saseen JJ, Smith Jr SC, Sperling L, Virani SS, Yeboah J. 2018 AHA/ACC/AACVPR/ AAPA/ABC/ ACPM/ADA/AGS/APhA/ ASPC/NLA/PCNA Guideline on the Management of Blood Cholesterol. *J Am Coll Cardiol* 2019; 73:3168-3209, and e85-e350. (Published simultaneously in *Circulation* 2019; 139:e1046-e1081, and e1082-e1143.).
- Han X, Ghaemi MS, Ando K, Peterson LS, Ganio EA, Tsai AS, Gaudilliere DK, Stelzer IA, Einhaus J, Bertrand B, Stanley N, Culos A, Taneda A, Hedou J, Tsai ES, Fallahzadeh R, Wong RJ, Judy AE, Winn VD, Druzin ML, Blumenfeld YJ, Hlatky MA, Quaintance C, Gibbs RS, Carvalho B, Shaw GM, Stevenson DK, Angst MS, Aghaepour N, Gaudilliere B. Differential dynamics of the maternal immune system in healthy pregnancy and preeclampsia. *Front Immunol* 2019;10:1305. doi: 10.3389/fimmu.2019.01305.
- Hlatky MA. A pound of prevention? Assessing the value of PCSK9 inhibitors. *Ann Intern Med* 2019; 170: 264-265.
- Sehested TSG, Carlson N, Hansen PW, Gerds TA, Charlott MG, Torp-Pedersen C, Køber L, Gislason GH, Hlatky MA, Føsbøl EL. Reduced risk of gastrointestinal bleeding associated with proton pump inhibitor therapy in patients treated with dual antiplatelet therapy after myocardial infarction. *Eur Heart J* 2019;40:1963-1970.
- Hlatky MA, Hamad R. Disentangling the effects of socioeconomic factors on outcomes among patients with heart failure. *JACC Heart Fail* 2019;7:756-758.
- Marwick TH, Amann K, Bangalore S, Cavalcante JL, Charytan DM, Craig JC, Gill JS, Hlatky MA, Jardine AG, Landmesser U, Newby LK, Herzog CA, Cheung M, Wheeler DC, Winkelmayer WC, Sarnak MJ. Chronic kidney disease and valvular heart disease: Conclusions from a Kidney Disease: Improving Global Outcomes (KDIGO) Controversies Conference. *Kidney Int* 2019; 96: 836–849.
- Sarnak MJ, Amann K, Bangalore S, Cavalcante JL, Charytan DM, Craig JC, Gill JS, Hlatky MA, Jardine AG, Landmesser U, Newby LK, Herzog CA, Cheung M, Wheeler DC, Winkelmayer WC, Marwick TH. Chronic kidney disease and coronary artery disease. *J Am Coll Cardiol* 2019; 74: 1823-1838.
- Bonde AN, Blanche P, Staerk L, Gerds TA, Gundlund A, Gislason G, Torp-Pedersen C, Lip GYH, Hlatky MA, Olesen JB. Oral anticoagulation among atrial fibrillation patients with anemia: An observational cohort study. *Eur Heart J* [Epub ahead of print].
- Andersen J, Gerds TA, Gislason G, Schou M, Torp-Pedersen C, Hlatky MA, Møller S, Madelaire C, Strandberg-Larsen K. Socioeconomic position and one-year mortality risk among patients with heart failure: A nationwide register-based cohort study. *Eur J Prev Cardiol* [Epub ahead of print].
- Parikh RV, Liu G, Plomondon ME, Sehested TSG, Hlatky MA, Waldo SW, Fearon WF. Fractional flow reserve measurement in stable ischemic heart disease: Temporal patterns, predictors, and clinical outcomes. *J Am Coll Cardiol* (in press)
- Freeman JV, Tabada GH, Reynolds K, Sung SH, Singer DE, Wang PJ, Liu TI, Gupta N, Hlatky MA, Go AS. Comparison of long-term risks of adverse outcomes in patients with atrial fibrillation having ablation versus antiarrhythmic medications. *Am J Cardiol* (in press)
- Malmborg M, Schmiegelow MDS, Nørgaard CH, Munch A, Gerds T, Schou M, Kistorp C, Torp-Pedersen C, Hlatky MA, Gislason G. Does type 2 diabetes confer higher relative rates of cardiovascular events in women compared to men? *Eur Heart J* (in press)
- Rezende PC, Hlatky MA, Hueb W, Garcia RMR, Lima EG, Garzillo CL, Schudeler TL, Boros GAB, Ribas FF, Serrano CV, Ramires JAF, Filho RK. Variability in glycated hemoglobin values and

cardiovascular events in patients with type 2 diabetes and multivessel coronary artery disease. JAMA Netw Open (in press)

### ***Invited talks***

- American College of Cardiology Annual Scientific Sessions, Special Session, “Preeclampsia: A vascular disease across the lifespan.” New Orleans, LA, March 2019
- American College of Cardiology Annual Scientific Sessions, Special Session, “Great debates: Are PCSK9 inhibitors worth the cost?” New Orleans, LA, March 2019
- University of California, San Diego, Cardiovascular Epidemiology and Prevention Seminar, “Effect of Preeclampsia on Cardiovascular Health.” San Diego, CA, November 2019
- Chelsea and Westminster Hospital NHS Foundation Trust, 2019 Magill Lecture “Using routine datasets captured in the healthcare system for identification of patients at risk of perioperative complications.” London, England, November 2019

### ***Policy engagement***

- Task Force on Clinical Practice Guidelines, American College of Cardiology
- Clinical Cardiology Council (Fellow), American Heart Association
- Epidemiology and Prevention Council, American Heart Association
- Quality of Care and Outcomes Research Council, American Heart Association
- *Adjunct Investigator*, Division of Research, Kaiser Permanente, Northern California
- *Associate Editor*, Journal of the American College of Cardiology
- *Editorial Board Member*, American Heart Journal
- *Editorial Board Member*, American Journal of Medicine
- *Editorial Board Member*, Journal of Invasive Cardiology
- *Editorial Board Member*, Circulation
- *Advisory Committee Member*, Veterans Affairs HSR&D Far West Field Program Center for Health Care Evaluation
- *Senior Advisor and Member, Medical Advisory Panel*, Blue Cross and Blue Shield Association
- *Data and Safety Monitoring Committee Member*, Mayo Clinic, National Heart, Lung, and Blood Institute, Tailored Antiplatelet Initiation to Lessen Outcomes Due to Decreased Clopidogrel Response after Percutaneous Coronary Intervention (TAILOR-PCI)
- *Data and Safety Monitoring Committee Member*, Intermountain Heart Institute, Effectiveness of a Proactive Cardiovascular Primary Prevention Strategy, With or Without the use of Coronary Calcium Screening, in Preventing Future Major Adverse Cardiac Events (CorCal Study)
- *Preeclampsia to Cardiovascular Disease: Life-Course Analysis of Biomarkers and Risk*, NHLBI grant

## **MICHELLE MELLO**

### ***Academic publications***

- Sun E, **Mello MM**, Rishel CA, Vaughn MT, Kheterpal S, Saager L, Fleisher LA, Damrose EJ, Kadry B, Jena AB; Multicenter Perioperative Outcomes Group (MPOG). Association of overlapping surgery with perioperative outcomes. JAMA 2019;321(8):762-72.
- Haffajee RL, **Mello MM**, Zhang F, Busch A, Zaslavsky AM, Wharam JF. Association of federal mental health parity legislation with health care use and spending among high utilizers of services. Med Care 2019;57(4):245-255.
- Studdert DM, Spittal MJ, Zhang Y, Wilkinson DS, Singh H, **Mello MM**. Changes in practice among physicians with malpractice claims. N Engl J Med 2019;380(13):1247-1255.

- Kanter GP, Carpenter D, Lehmann LS, **Mello MM**. US nationwide disclosure of industry payments and public trust in physicians. *JAMA Network Open* 2019;2(4):e191947. doi:10.1001/jamanetworkopen.2019.1947.
- Studdert DM, **Mello MM**. In from the cold? Law's evolving role in patient safety. *DePaul Law Rev* 2019;68(2):421-457.
- **Mello MM**. Barriers to ensuring access to affordable drugs. *Annu Rev Pharmacol Toxicol* 2019. doi: 10.1146/annurev-pharmtox-010919-023518. [Epub ahead of print].
- Moore JS, **Mello MM**, Bismark M. "Poking the skunk": ethical and medio-legal concerns in research about patients' experiences of medical injury. *Bioethics* 2019. <https://doi.org/10.1111/bioe.12599>.
- Miller J, Ross JS, Wilenzick M, **Mello MM**. Sharing of clinical trial data and results reporting practices among large pharmaceutical companies: cross sectional descriptive study and pilot of a tool to improve company practices. *BMJ* 2019;366:141247.
- Sun E, **Mello MM**, Moshfegh J, Baker LC. Assessment of out-of-network billing for privately insured patients receiving care in in-network hospitals. *JAMA Intern Med* 2019 Aug 12. doi:10.1001/jamainternmed.2019.3451 [Epub ahead of print].
- Cohen IG, **Mello MM**. Big Data, Big Tech, and protecting patient privacy. *JAMA* 2019 Aug 9. doi: 10.1001/jama.2019.11365. [Epub ahead of print].
- Abiola SE, **Mello MM**. Multilevel legal approaches to obesity prevention: a conceptual and methodological toolkit. *PLoS ONE* 2019 Oct 1;14(10):e0220971. doi: 10.1371/journal.pone.0220971.
- **Mello MM**. Narrowing vaccination exemption laws: lessons from California and beyond. *Ann Intern Med* 2019 Nov 5. doi: 10.7326/M19-3111 [Epub ahead of print].
- **Mello MM**, Wolitz RE. Legal strategies for reining in "unconscionable" prices for prescription drugs. *Northwestern Law Rev* 2020 (in press).
- **Mello MM**. Peering into hidden worlds: the past and future of legal epidemiology. *Temple Law Rev* 2020 (in press).
- Engstrom FN, **Mello MM**. Litigation is critical to opioid response. *San Francisco Daily Journal*, Mar. 13, 2019:1.
- **Mello MM**, Studdert DM, Nallamotheu BK, Kachalia A. The role of transparency in patient safety improvement. In: H.F. Lynch, I.G. Cohen, C. Schachar, and B.J. Evans (eds), *Transparency in Health and Health Care: Law and Ethics* (New York: Cambridge University Press, 2019).
- Engstrom NF, **Mello MM**. The Oklahoma opioids verdict and ongoing litigation. *American Constitution Society Blog*, Aug. 29, 2019. <https://www.acslaw.org/expertforum/the-oklahoma-opioids-verdict-and-ongoing-litigation-qa/>.
- **Mello MM**, Frakes MD, Blumenkranz E, Studdert DM. Does malpractice liability improve healthcare quality? A fresh look at the evidence. *JAMA* 2019 (under review).
- **Mello MM**, Triantis G, Stanton R, Blumenkranz E, Studdert DM. Long waits for big data: barriers to executing data use agreements for academic research. *Science* 2019 (under revision).
- **Mello MM**, Roche S, Greenberg Y, Folcarelli PH, Van Niel M, Kachalia A. A blueprint for successful implementation of communication-and-resolution programs. *BMJ Qual Safety* 2019 (under revision).
- **Mello MM**, Jagsi R. Upstanding against sexual harassment and gender bias in medicine—a matter of professional ethics. *N Engl J Med* 2019 (under review).
- Fields AC, **Mello MM**, Kachalia A. Do apology laws reduce malpractice liability—and does it matter? *BMJ Qual Safety* 2019 (under review).

### ***Invited talks***

- "Ensuring Access to Affordable Prescription Drugs," Keynote, Journal of Legal Medicine Inaugural Symposium, Georgia State University College of Law, Atlanta, GA.
- "Patients' Experiences of Medical Error Disclosure and Reconciliation," Department of Medicine Grand Rounds, University of Pittsburgh Medical Center, Pittsburgh, PA.

- “Does Medical Malpractice Liability Make Healthcare Safer?” Bioethics Colloquium, University of Pittsburgh Medical Center, Pittsburgh, PA.
- “University Technology Transfer Office Practices,” Roundtable on University Patenting, Stanford Law School, Stanford, CA.
- “Nudging Pharmaceutical Companies Toward Better Practices: The Good Pharma Scorecard,” Center for Law & the Biosciences Workshop, Stanford Law School Stanford, CA.
- “Communication-and-Resolution Program Pilot Study Results,” MACRMI Annual Forum, Massachusetts Medical Society, Waltham, MA.
- “Practice Changes Among Medical Malpractice ‘Frequent Flyers’,” Health Law Professors Conference, Loyola Law School, Chicago, IL.
- “Legal Strategies for Reining in ‘Unconscionable’ Prices for Prescription Drugs,” Northwestern University Law School Faculty Workshop, Chicago, IL.
- “Peering into Hidden Worlds: The Past and Future of Legal Epidemiology,” Keynote Address, Symposium on 10 Years of Public Health Law Research: Looking Back and Looking Ahead, Temple University Law School, Philadelphia, PA.
- “Legal Strategies for Reining in ‘Unconscionable’ Prices for Prescription Drugs,” Health Law Workshop, Harvard Law School, Cambridge, MA.

### ***Policy engagement***

- Board of Directors, ChangeLab Solutions
- Open Science Expert Panel, Patient-Centered Outcomes Research Institute (PCORI)
- Advisory Board, McCoy Family Center for Ethics in Society, Stanford University
- Advisory Board on Publications Ethics, PLOS Medicine journal
- Consultant to CVS/Caremark on value-based formulary
- Editorial Board, The Milbank Quarterly
- Johns Hopkins Drug Access and Affordability Initiative – Co-Investigator – Laura and John Arnold Foundation grant
- Stanford Data Center for Population and Social Science Research: A Model Data Core – Co-Investigator – Alfred P. Sloan Foundation grant
- Pharma Integrity Index Project – Co-Investigator – Laura and John Arnold Foundation grant
- Ethical and Policy Issues for University Data Sharing in the Age of Big Data – Principal Investigator – Greenwall Foundation grant
- Application of Big Data to Medical Malpractice Policy Questions – Principal Investigator – Stanford University School of Medicine Discovery Innovation Fund
- Diffusion of Model Ordinances for Local Tobacco Control in California – Co-Investigator - California Tobacco Control Program /ChangeLab Solutions grant

## **MARIA POLYAKOVA**

### ***Academic publications***

- Subsidy Design in Privately-Provided Social Insurance: Lessons from Medicare Part D (with Francesco Decarolis and Stephen Ryan)  
*Journal of Political Economy*, forthcoming
- Local Area Variation in Morbidity Among Low-Income, Older Adults in the United States (with Lynn Hua)  
*Annals of Internal Medicine*, 171(6), September 2019
- Machine-Based Expert Recommendations And Consumer Choices For Medicare Prescription Drug Insurance (with Kate Bundorf, Cheryl Stults, Amy Meehan, Roman Klimke, Ting Pan, Albert Chan, and Ming Tai-Seale)

***Health Affairs*, 38(3), March 2019**

*Working papers*

- Subsidy Targeting with Market Power (with Stephen Ryan)  
*NBER Working Paper No. 26367, October 2019*
- How do Humans Interact with Algorithms: Experimental Evidence from Health Insurance (with Kate Bundorf and Ming Tai-Seale)  
*NBER Working Paper No. 25976, June 2019*
- The Roots of Health Inequality and the Value of Intra-Family Expertise (with Yiqun Chen and Petra Persson)  
*NBER Working Paper No. 25618, March 2019*

### ***Courses taught***

- Topics in Health Economics I (with David C. Chan)
- Introduction to Concepts and Methods in Health Services and Policy Research II (with Corinna Haberland)

### ***Invited talks***

- 2019-2020: Annual Health Economics Conference AHEC, Brown University Economics, University of Chicago Harris, WashU Olin Business School, University of Pennsylvania Wharton/LDI, University of Mannheim Economics
- 2018-2019: Stanford Health Policy, University of Utah Finance, USC Center for Economic and Social Research Applied Micro, London School of Economics IFS-STICERD Public Economics, U Warwick Economics, KU Leuven Economics, DIW Berlin, UC Berkeley Economics, NBER Health Care Meeting, American Economic Association Annual Meeting, NCCU Taiwan, Georgia State University Risk Management and Insurance, NBER Public Economics, University of British Columbia Economics, NBER Cohort Studies, Stanford Law and Policy Review Symposium Single Payer Panel, Federal Reserve Bank of New York, ASHEcon

### ***Policy engagement***

- Invited panel speaker at Stanford Law School Symposium on single-payer policy in the US
- Research Interviews with multiple national and international media outlets, including BBC, Forbes, Süddeutsche Zeitung
- Research interviews with McKinsey Global Institute for 2020 health and healthcare report

## **MAYA ROSSIN-SLATER**

### ***Academic publications***

- **Rossin-Slater, Maya** and Wüst, Miriam. “What is the Added Value of Preschool for Poor Children? Long-Term and Intergenerational Impacts and Interactions with an Infant Health Intervention.” Forthcoming at the *American Economic Journal: Applied Economics*. Available as NBER Working Paper No. 22700, IZA Discussion Paper No. 10254.
- Gensowski, Miriam, Nielsen, Torben H., Nielsen, Nete M., **Rossin-Slater, Maya**, and Wüst, Miriam. “Childhood Health Shocks, Comparative Advantage, and Long-Term Outcomes: Evidence from the Last Danish Polio Epidemic,” *Journal of Health Economics*, 66: 27-36, July 2019. Available as NBER Working Paper No. 24753, IZA Discussion Paper No. 11630.
- **Rossin-Slater, Maya**, and Uniat, Lindsey. “Paid Family Leave Policies and Population Health,” *Health Affairs* Health Policy Brief, March 2019.
- Bartel, Ann, Kim, Soohyun, Nam, Jaehyun, **Rossin-Slater, Maya**, Ruhm, Christopher, and Waldfogel, Jane. “Racial and Ethnic Disparities in Access to and Use of Paid Family and Medical Leave: Evidence from Four Nationally Representative Datasets,” *Monthly Labor Review*, 142:1, January 2019.



*[Note: Unless otherwise noted, authors are listed alphabetically in co-authored manuscripts, with all authors contributing equally to the work.]*

#### *Working Papers*

- Bana, Sarah, Bedard, Kelly, and Rossin-Slater, Maya. “The Impacts of Paid Family Leave Benefits: Regression Kink Evidence from California.” Revise and Resubmit at the *Journal of Policy Analysis and Management*. Available at NBER Working Paper No. 24438, IZA Discussion Paper No. 11381.
- Currie, Janet, Mueller-Smith, Michael, and **Rossin-Slater, Maya**. “Violence while in Utero: The Impacts of Assaults During Pregnancy on Birth Outcomes.” Available as NBER Working Paper No. 24802, IZA Discussion Paper No. 11655.
- Bana, Sarah, Bedard, Kelly, **Rossin-Slater, Maya**, and Stearns, Jenna. “Unequal Use of Social Insurance Benefits: The Role of Employers.” Available as NBER Working Paper No. 25163, IZA Discussion Paper No. 11882.
- Persson, Petra and **Rossin-Slater, Maya**. “When Dad Can Stay Home: Fathers’ Workplace Flexibility and Maternal Health.” Available as NBER Working Paper No. 25902, IZA Discussion Paper No. 12386.
- Bailey, Martha, Hoynes, Hilary, **Rossin-Slater, Maya**, and Walker, Reed. “Is the Social Safety Net a Long- Term Investment? Large-Scale Evidence from the Food Stamps Program.”
- Kim, Jiyeon, Lee, Ajin, and **Rossin-Slater, Maya**. “What to Expect When It Gets Hotter: The Impacts of Prenatal Exposure to Extreme Heat on Maternal and Infant Health.” Available as NBER Working Paper No. 26384, IZA Discussion Paper No. 12685.
- **Rossin-Slater, Maya**, Schnell, Molly, Schwandt, Hannes, Trejo, Sam, and Uniat, Lindsey. “Exposure to School Shootings and Youth Antidepressant Use.”

#### *Courses taught*

- Health Economics & Policy: exploring health disparities, child health & health care spending
- Organized and hosted a mentoring workshop for female economics PhD students from California

#### *Invited talks*

- Princeton University, March 2019, “When Dad Can Stay Home: Fathers’ Workplace Flexibility and Maternal Health”
- Cornell University, April 2019, “When Dad Can Stay Home: Fathers’ Workplace Flexibility and Maternal Health”
- MIT Sloan School of Management, April 2019, “Unequal Use of Social Insurance Benefits: The Role of Employers”
- University of Chicago, May 2019, “When Dad Can Stay Home: Fathers’ Workplace Flexibility and Maternal Health”
- University of Bonn, June 2019, "When Dad Can Stay Home: Fathers' Workplace Flexibility and Maternal Health"
- Tinbergen Institute, July 2019, "When Dad Can Stay Home: Fathers' Workplace Flexibility and Maternal Health"
- NBER Summer Institute Children’s Program Meeting, July 2019, “Exposure to School Shootings Raises Youth Antidepressant Use”
- Yale University, August 2019, "When Dad Can Stay Home: Fathers' Workplace Flexibility and Maternal Health"
- Duke University, September 2019, "When Dad Can Stay Home: Fathers' Workplace Flexibility and Maternal Health"
- UC Berkeley (economics), September 2019, “Unequal Use of Social Insurance Benefits: The Role of Employers”

- UC Berkeley Health Policy Research Colloquium, September 2019, "When Dad Can Stay Home: Fathers' Workplace Flexibility and Maternal Health"
- UC Berkeley Goldman School of Public Policy, September 2019, "When Dad Can Stay Home: Fathers' Workplace Flexibility and Maternal Health"
- UCSF & UC Berkeley Annual Health Economics Conference, October 2019, "When Dad Can Stay Home: Fathers' Workplace Flexibility and Maternal Health"
- National Tax Association Annual Conference, November 2019, "Unequal Use of Social Insurance Benefits: The Role of Employers"
- USC Center for Economic and Social Research, December 2019, "When Dad Can Stay Home: Fathers' Workplace Flexibility and Maternal Health"

### ***Policy engagement***

- U.S. Census Bureau Special Sworn Status Researcher
- Research Affiliate, Institute of Labor Economics
- Research Fellow, VIVE, The Danish Center for Social Science Research
- National Science Foundation CAREER Award
- National Institutes of Health / Eunice Kennedy Shriver National Institute of Child Health and Development Award No. R03HD096184. "Father Involvement Interventions and Child Mental Health." *PI: Maya Rossin-Slater. MPI: Petra Persson.*
- Washington Center for Equitable Growth; sub-contract from University of Virginia. "Public Policy and Opioid Drug Abuse: Investigating the Effects of Paid Family and Medical Leave and Medicaid." *PI: Christopher Ruhm. Co-PIs: Maya Rossin-Slater, Jenna Stearns.*
- National Science Foundation Award No. SES-1752203. "CAREER: The Effects of Public Policy on Families with Children: New Evidence from Multiple Large-Scale Data Sets." *PI: Maya Rossin-Slater.*
- Stanford University Center on the Demography and Economics of Health and Aging (CDEHA), National Institute on Aging #AG017253. "The Long-Term Mental and Physical Health Consequences of Divorce in High-Conflict Families on Aging Parents." *PI: Maya Rossin-Slater.*
- Pivotal Ventures. "State Paid Family and Medical Leave Research." *PI: Jane Waldfogel. Co-PIs: Ann Bartel, Maya Rossin-Slater, and Christopher Ruhm.*
- National Science Foundation Award No. SES-1459940. "Early Childhood Environment and Adult Labor Market Outcomes: Evidence from U.S. Administrative Data." *PI: Reed Walker. Co-PI: Maya Rossin-Slater.*

## **LEE SANDERS**

### ***Academic publications***

- Orr CJ, Ben -Davie, M, Ravanbakht SN, Yin H, **Sanders LM**, Rothman RL, Delamater A. M., Wood CT, Perrin EM (2019). Parental Feeding Beliefs and Practices and Household Food Insecurity in Infancy *ACADEMIC PEDIATRICS*; 19 (1): 80–89. [PubMedID 30248471](#)
- Marcus EN, **Sanders LM**, Jones BA, Koru-Sengul T (2019). A Brochure to Improve Understanding of Incomplete Mammogram Results Among Black Women at a Public Hospital in Miami, Florida. *Southern medical journal*; 112 (1): 1–7. [PubMedID 30608622](#). *\*I helped conceive and co-develop this study, which arose out of the health literacy lab I led at the University of Miami.*
- Williams TA, Wolf MS, Parker RM, **Sanders LM**, Bailey S., Mendelsohn AL, Dreyer BP, Velazquez JJ, Yin HS (2019). Parent Dosing Tool Use, Beliefs, and Access: A Health Literacy Perspective. *The Journal of pediatrics*; 215: 244-51. *I was co-PI on a multi-site study (SafeRx) that resulted in this manuscript, and introduced the beliefs model that was used to frame the analysis.*
- Meyers N, Glick AF, Mendelsohn, A. L., Parker, R. M., **Sanders LM**, Wolf MS, Bailey S, Dreyer BP, Velazquez JJ, Yin HS (2019). Parents' Use of Technologies for Health Management: A Health Literacy

Perspective. Academic pediatrics. pii: S1876-2859(18)30602-8. doi: 10.1016/j.acap.2019.01.008. *\*I was co-PI on a multi-site study (SafeRx) that resulted in this manuscript, with a trainee as first author.*

- White MJ, Yin H, Rothman RL, **Sanders LM**, Delamater A, Flower K, Perrin EM (2019). Neighborhood Commute to Work Times and Self-Reported Caregiver Health Behaviors and Food Access ACADEMIC PEDIATRICS; 19 (1): 74–79. *\*I was co-PI on a multi-site study (Greenlight) that resulted in this manuscript, with a trainee as first author.*
- Yin H, Vuong C, Parker RM, **Sanders LM**, Mendelsohn AL, Dreyer BP, Velazquez JJ, Wolf MS (2018). Identifying and Advancing Best Practices for the Labeling and Dosing of Pediatric Liquid Medications: Progress and Challenges ACADEMIC PEDIATRICS 2019; 19 (1): 1–3. *\*I was co-PI on a multi-site study (SafeRx) funded by NICHD R01.*
- Lin JL, Van Haren K, Rigdon J, Saynina O, Song H, Buu MC, Thakur Y, Srinivas N, Asch SM, **Sanders LM** (2019). Pneumonia prevention strategies for children with neurologic impairment. Pediatrics 144 (4) e20190543; DOI: <https://doi.org/10.1542/peds.2019-0543>. *\*I was senior faculty and mentor on this empiric study of a population-level database to inform clinical care, on which a post-doctoral fellow and mentee served as first author.*
- Johnston EE, Bogetz J, Saynina O, Chamberlain LJ, Bhatia S, **Sanders LM**. Disparities in Inpatient Intensity of End-of-Life Care for Complex Chronic Conditions. Pediatrics May 2019, 143 (5). e20182228; DOI: <https://doi.org/10.1542/peds.2018-2228>. *\*I was senior faculty and mentor on this project, on which a post-doctoral fellow and mentee served as first author.*
- Cueto V, Wang CJ, **Sanders LM** (2019). Impact of a Mobile App-Based Health Coaching and Behavior Change Program on Participant Engagement and Weight Status of Overweight and Obese Children: Retrospective Cohort Study. JMIR mHealth and uHealth. 2019; 7 (11): e14458. *\*I was senior faculty and mentor on this project, on which a post-doctoral fellow and mentee served as first author.*
- **Sanders LM**, Saynina O, Sundaram V, Lee H, Bhattacharya J, Wise PH. The legacy of birth: epidemiology and costs of neonatal diagnoses through age 21 years. [being submitted]
- Swenson SM, Saynina O, Clark CL, Wise PH, **Sanders LM**. Patterns of outpatient care for children with serious chronic illness: population-based analysis across California. [submitted]. *\* Mentor of a medical student project.*
- Lenzi J, Saynina O, Fantini MP, Wise PH, **Sanders LM**. Child chronic illness co-morbidity: population-wide impact on hospital use and costs over two decades. [being prepared for submission] *\*Mentored, post-doctoral project.*
- **Sanders LM**, Perrin EM, Yin HS, Delamater A, Schildcrout JS, Rothman RL, et al. Preventing Early Childhood Obesity: Results from a 2-year, randomized trial of a low-literacy, primary-care intervention. [being prepared for re-submission] *\*I am founding co-PI on this multi-site study funded by NICHD R01.*
- Johnson L, Saynina O, Wise PH, **Sanders LM**. Impact of Medicaid expansion on disparities in pediatric hospitalization for ambulatory-sensitive conditions. [submitted] *\*I am senior faculty advisory on this undergraduate-trainee project. \*\*I was mentor to this undergraduate-student trainee as first author, and helped conceive and design the study.*
- **Sanders LM** (2019). Advancing a more health literate approach to patient safety. The Journal of pediatrics, 214: 10-11.

### **Courses Taught**

- Co-Director, “*Designing Healthcare for Social Justice*,” Stanford University, Hasso Plattner Institute of Design (cross listed in Pediatrics and Human Biology), Winter/Spring 2020.
- Lecturer, “*Health Literacy*,” for “*Migration and Health*,” Human Biology, 2019.
- Lecturer, “*Care Coordination in Chronic Care*,” Health Policy Research Master’s Program, 2019.
- Lecturer, “*Social Determinants of Health*,” Health Policy Research Master’s Program, 2018.

### ***Invited Talks***

- Food and Drug Administration, Centers of Excellence in Regulatory Science and Innovation, “*Health Literacy: Evidence to Improve Safe Medication Labeling for Adolescents and Young Adults with Chronic Illness*,” Stanford, CA, April 2019.
- National Science Foundation, “*Intelligent Information Sharing to Improve Goal-Centered Care for Children with Medical Complexity*,” Alexandria, VA, January 2020.

### ***Policy engagement***

- Patient-Centered Outcomes Research Institute (PCORI), “Greenlight Plus Study (GPS): Web-enabled Tools to Prevent Obesity in Early Childhood), Principal Investigator
- National Cancer Institute (NCI), “Collaborative Research: Goal-Centered Information Sharing: Smart Agents for More Effective Health Care”, Principal Investigator
- Food and Drug Administration (FDA)/ CERSI, “Safer Labeling of Pediatric Medications: Reducing Literacy-related Health Disparities among Chronically Ill Adolescents”, Principal Investigator
- Co-Director, Center for Policy, Outcomes and Prevention, Stanford University
- Service Chief, General Pediatrics, Lucille Packard Children’s Hospital
- Chief, Division of General Pediatrics, Stanford University
- Medical Director, Peninsula Family Advocacy Program, San Mateo, CA
- National Advisory Board, Dyson Initiative National Evaluation
- Reach Out and Read National, Member, National Advisory Board
- Member, Academic Pediatric Society (APS)
- Editorial Board, Journal of Pediatrics

## **DAVID STUDDERT**

### ***Academic publications***

- Tara Sklar, Yamna Taouk, David Studdert, Matthew Spittal, Ron Paterson, Marie Bismark. Characteristics of Lawyers Who Are Subject to Complaints and Misconduct Findings. Journal of Empirical Legal Studies 2019 <https://doi.org/10.1111/jels.12216>. LJ25.
- David M. Studdert and Michelle M. Mello. In From the Cold? Law’s Evolving Role in Patient Safety. 68 De Paul Law Review 422 (2019).
- Studdert DM, Spittal MJ, Zhang Y, Wilkinson DS, Singh H, Mello MM. Changes in practice among physicians who accumulate malpractice claims. New England Journal of Medicine 2019; 380:1247-1255.
- Chan DC, Huynh J, Studdert DM. The accuracy of valuations of surgical procedures in the Medicare Fee Schedule. New England Journal of Medicine 2019;380(16)1546-1554.
- Spittal MJ, Bismark MM, Studdert DM. Identification of practitioners and high risk of complaints to professional regulators. BMC Health Services Research 2019 Jun 13;19(1):380. Doi 10.1186/s12913-019-4214-y.
- Kagawa RMC, Steward S, Wright MA, Schev AB, Pear VA, McCort CD, Pallin R, Asif-Sattar R, Sohl S, Kass PH, Cerdá M, Gruenewald P, Studdert DM, Wintemute GJ. Association of Prior Convictions for Driving Under the Influence With Risk of Subsequent Arrest for Violent Crimes Among Handgun Purchasers. JAMA Intern Med. 2019 Sep 30. Doi: 10.1001/jamainternmed.2019.4991.
- Zhang Y, Holsinger EE, Prince L, Rodden JA, Swanson SA, Miller MM, Wintemute GJ, Studdert DM. Assembly of the LongSHOT cohort: public record linkage on a grand scale. Inj Prev. 2019 Oct 29. pii: injuryprev-2019-043385. doi: 10.1136/injuryprev-2019-043385.

### ***Courses taught***

- Health Law: Quality and Safety of Care

### ***Policy engagement***

- University of Melbourne; Using law to improve population health - Principal Investigator
- National Institute of Justice; Prospective Evaluation of California's Armed and Prohibited Persons System II - Co-Investigator
- Sloan Foundation; Data Use Agreements in Social Science Research - Co-Principal Investigator
- The Joyce Foundation; Longitudinal Study of Handgun Ownership and Transfer - Phase I Principal Investigator
- Schwab Charitable/ NCGVR Award; Investigator-Initiated Research and Evaluation on Firearms Violence – Principal Investigator
- American Foundation for Suicide Prevention; Risk of Suicide Mortality Among 1 Million Handgun Purchasers: A Cohort Study – Principal Investigator
- Editorial Advisory Board, *BMJ Quality & Safety*
- Associate Editor, *Injury Prevention*

### **C. JASON WANG**

#### ***Academic publications***

- Hsing JC, Nguyen MH, Yang B4, Min Y, Han SS, Pung E, Winter S, Zhao X, Gan D, Hsing AW, Zhu S, **Wang CJ**. Associations Between Body fat, Muscle Mass, and Non-alcoholic Fatty Liver Disease: A Population-based Study. *Hepatology Communications*, V 3, No. 8, 2019
- Flores G, Mendoza FS, DeBaun MR, Fuentes-Afflick E, Jones VF, Mendoza JA, Raphael JL, **Wang CJ**. Keys to Academic Success for Under-Represented Minority Young Investigators: Recommendations from the Research in Academic Pediatrics Initiative on Diversity (RAPID), National Advisory Committee. *International Journal for Equity in Health* (2019) 18:93. <https://doi.org/10.1186/s12939-019-0995-1>
- Cueto V, **Wang CJ**, Sanders LM. Impact of Mobile Application-Based Health Coaching and Behavioral Change Program on Participant Engagement and Weight Status of Overweight and Obese Children, A Retrospective Cohort Study. 2019. *JMIR Mhealth Uhealth* 2019 | vol. 7 | iss. 10 | e14458
- Bannett Y, Feldman HM, Bentley JP, Ansel DA, Wang CJ, Huffman LC: Variation in Primary Care Management of Attention-Deficit/Hyperactivity Disorder by Primary Care Providers. *Academic Pediatrics*. 2019. *Academic Pediatrics*. <https://doi.org/10.1016/j.acap.2019.11.016>
- Huckvale K, **Wang CJ**, Majeed A, Car J: Digital Health at Fifteen: More Human, (More Needed). *BMC Medicine* (2019) 17:62. <https://doi.org/10.1186/s12916-019-1302-0>
- Stevenson DK, Wong RJ, Profit J, Shaw GM, **Wang CJ**, Lee HC. “Following Through”: Addressing the Racial Inequality for Preterm Infants and Their Families, *Pediatric Research*; doi:10.1038/s41390-019-0602-6
- Barrero-Castillero A, Corwin BK, Vanderveen D, **Wang CJ**. ROP Workforce in the Era of Improved Preterm Survival, Telemedicine, and Artificial Intelligence. *Pediatric Clinics of North America*. **(Accepted, In Press)**
- Zuckerman B, **Wang CJ**. Connected Pediatric Primary Care for At-Risk Children. *Pediatric Clinics of North America*. **(Accepted, In Press)**
- Hsing JC, **Wang CJ**, Wise PH. What Can Telehealth Do to Improve Child Health in Global, Under-Resourced Settings? *Pediatric Clinics of North America*. **(Accepted, In Press)**
- Muffly MK, Honkanen A, Scheinker D, Wang T, Saynina O, Mark A. Singleton MA, **Wang CJ**, Sanders L: Hospitalization Patterns for Inpatient Surgery and Procedures in California:2000 – 2016. *Anesthesia and Analgesia* **(Accepted, In Press)**
- Lal RA, Cuttriss N, Haller MJ, Yabut K, Anez-Zabala C, Hood K, Sheehan E, Basina M, Bernier A, Baer L, Filipp SL, **Wang CJ**, Town MA, Gurka MJ, Maahs DM, Walker AF. Primary Care Providers in California and Florida Report Low Confidence in Providing Type 1 Diabetes Care. *Clinical Diabetes*. **(Accepted, In Press)**

- Chen AC, Ramirez F, Rosenthal DN, Couch SC, Berry S, Stauffer KJ, Brabender J, McDonald N, Lee D, Barkoff L, Nourse SE, Kazmucha J, **Wang CJ**, Olson I, Tierney ESS. Healthy Hearts via Live Video Conferencing: An Exercise and Diet Intervention in Pediatric Heart Transplant Patients. JAHA (Accepted with minor revisions).
- **Wang CJ**, Ma J, Zuckerman B, Car J. The Opportunities for Telehealth in Pediatric Practice and Public Health. Pediatric Clinics of North America. (Accepted, In Press)
- **Wang CJ**, Liu TT, Car J, Zuckerman B. Design, Adoption, Implementation, Scalability, and Sustainability of Telehealth Programs. Pediatric Clinics of North America. (Accepted, In Press)

#### *Invited talks*

- Speaker, Center for East Asia Studies/US-Asia Technology Management Center, “Straddling a Medical Device IoT Startup Between Taiwan and the United States - Lessons Learned
- “Straddling a Medical Device IoT Startup Between Taiwan and the United States - Lessons Learned”, Silicon Valley, CA, January 2019
- A mHealth Population-Based Approach for Maternal and Child Health, at the Launch of the Reach Out and Read National Program with Health Promotion Administration, Taipei, Taiwan, January 2019
- “Technology in Elderly Care: making use of novel innovations in a changing healthcare landscape”, Chinese Safe Patient Handling and Movement Association (CSPHA), Taipei, Taiwan, October 2019

#### *Policy engagement*

- Director, Center for Policy, Outcomes and Prevention, Department of Pediatrics, Stanford University School of Medicine
- **Co-PI for Taiwan’s Birth Cohort Study (National Children’s Study), where 20,000 children are followed from birth, now 15 years of age.** My areas of investigation include factors contributing to the development of resilience.
- Editor in Chief for Elsevier’s Pediatric Clinics of North America’s theme issue: Telehealth for Pediatricians”
- Stanford Global Health Seed Grant: Leveraging patient registries and educational outreach models to build capacity for underserved global type 1 diabetes communities: Project ECHO T1D pilot and feasibility in Ecuador (PI: Nicolas Cuttriss ; Wang, Co-investigator)
- Co-Director, General Academic Pediatrics Fellowship, Stanford University
- Co-Chair, Mobile Health and Other New Technologies, Stanford Center for Population Health Sciences
- Co-Director, Packard Children’s Health Alliance (PCHA) and University Health Alliance (UHA) Research and Learning Collaborative
- National Advisory Committee for APA/NIDDK Research in Academic Pediatrics Initiative on Diversity (RAPID program) to foster minority faculty members in Pediatric Health Services Research.
- Board Member, Andrew T. Huang Medical Education Promotion Fund
- Vice President, North America Taiwanese Engineering Association
- Board Member, Taiwanese American Industry Technology Association – Silicon Valley
- National Advisory Board: Center for the Urban Child and Healthy Family, Boston Medical Center
- Dean (by Courtesy), The New School for Leadership in Healthcare, Taipei, Taiwan
- “Plaquemonger”, mobile app: available in Google Play and Apple Store.
- “PretermConnect”, mobile app: available in Google Play and Apple Store.