

FACULTY OUTPUT BY THE NUMBERS

The faculty of the Freeman Spogli Institute enjoyed a productive period of policy-resonant scholarship spanning from winter quarter 2017 to fall quarter 2018. 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

- *State of Repression: Iraq Under Saddam Hussein*. Princeton University Press. 2018.
- "Middle Eastern State Building." *Annual Review of Political Science*. 2017
- "Mirrors for Princes and Sultans: Advice on the Art of Governance in the Medieval Christian and Islamic Worlds" (with Justin Grimmer and Alison McQueen). *Journal of Politics*. 2018.
- "Political Cultures: Measuring Values Heterogeneity." *Political Science Research and Methods*. Invitation to revise and resubmit.

Courses taught

- Paths to the Modern World: Islam and the West (with Gary Cox)
- Middle Eastern Politics
- Theories of Comparative Politics (with Anna Gryzmala-Busse)

Invited talks

- Stanford Law School, January 2017
- Pomona College Conference on Political Economy of the Muslim World, April 2017
- University of Konstanz Department of Politics, June 2017
- Harvard University Conference on State Capacity, October 2017
- UC Davis Economic History Workshop, November 2017
- University of Washington, Comparative Politics Workshop, January 2018
- University of Pennsylvania Comparative Politics Workshop, April 2018
- Princeton University Conference on Islam and Muslim Societies, April 2018
- LSE Conference on Long-Run Development, May 2018

Policy engagement

- Brookings Institution working group, "Federalism in the Middle East"
- Academic Exchange presentation, "Federalism as a Solution to State Stability"
- "Federalists, Heed the Lessons of Iraqi Consolidation." *Lawfare*. August 18, 2018

- “How 9-11 Created a Feedback Loop for International Jihadism” (with Martha Crenshaw). *Monkey Cage/Washington Post*, September 22, 2017.
- Advised Joshua Groban, senior advisor to California Governor Jerry Brown, on Syrian migration crisis and humanitarian situation in Yemen
- Research presentation, California Supreme Court chamber lawyers
- Keynote Speaker, China-Middle East Youth Dialogue, Peking University

MARSHALL BURKE

Academic publications

- Zach Wagner, Sam Heft-Neal, Bob Black, Zulfi Bhutta, Marshall Burke, and Eran Bendavid. 2018. “Armed conflict and child mortality in Africa.” [forthcoming, *Lancet*]
- Jonathan Proctor, Sol Hsiang, Jen Burney, Marshall Burke, and Wolfram Schlenker. 2018. “Estimating the agricultural impacts of geoengineering using volcanic eruptions as natural experiments.” *Nature* 560, 480-483
- Sam Heft-Neal, Jen Burney, Eran Bendavid, and Marshall Burke. 2018. “One in five infant deaths in Africa attributable to poor air quality.” *Nature*, 559, 254-258.
- Marshall Burke, Felipe Gonzalez, Patrick Baylis, Sam-Heft Neal, Ceren Baysan, Sanjay Basu, and Sol Hsiang. 2018. “Effect of ambient temperature on suicide in the US and Mexico.” *Nature Climate Change* 8, 723-729.
- Marshall Burke, Matt Davis, and Noah Diffenbaugh. “Large potential reduction in economic damages under UN mitigation targets.” 2018. *Nature*, 559, 254-258.
- Barak Oshri, Annie Hu, Peter Adelson, Xiao Chen, Pascaline Dupas, Jeremy Weinstein, Marshall Burke, David Lobell, Stefano Ermon. 2018. “Infrastructure Quality Assessment in Africa using Satellite Imagery and Deep Learning.” Proc. 24th ACM SIGKDD Conference, 2018.
- Zhenong Jin, George Azzari, Marshall Burke, Step Aston, David Lobell. 2017. “Mapping and explaining smallholder yield heterogeneity in Eastern Africa.” *Remote Sensing*, 9(9).

Courses taught

- Climate and Society, World Food Economy
- Runs the Sustainability and Artificial Intelligence Lab (SustainLab) with David Lobell and Stefano Ermon), a 3-quarter CS/ESYS class, first cross-disciplinary collaboration with Earth Sciences and CS

Invited talks

- NATO General Assembly
- UChicago, Columbia, UC Davis, UC Irvine, UBC
- Annual American Economic Association meeting
- United Nations

Policy engagement

- DARPA/Department of Defense
- NATO
- World Bank
- Rockefeller Foundation board on current satellite research

MARTHA CRENSHAW

Academic publications

- “Counterterrorism Partnerships: A Two-Way Street,” *Texas National Security Review*, Book Review Roundtable, July 31, 2018. <https://tnsr.org/roundtable/book-review-roundtable-americas-hot-and-cold-relationship-with-its-counterterrorism-partners/#essay3>
- “Constructing the Field of Terrorism,” in *The Oxford Handbook on Terrorism*, ed. Erica Chenoweth, Andreas Gofas, Richard English, and Stathis Kalyvas. Oxford: Oxford University Press, forthcoming 2018.
- “The Long Aftermath of 9/11: How Terrorism Doesn’t End,” *Texas National Security Review* Policy Roundtable: 17 Years After September 11, also posted on *War on the Rocks*, September 11, 2018. <https://tnsr.org/roundtable/policy-roundtable-17-years-after-september-11/#essay4>

Courses taught

- On sabbatical

Invited talks

- Santa Fe Council on International Relations, November 2017.
- UC, Santa Barbara.
- Stanford Club of Sonoma County, Santa Rosa.
- University of Auckland (New Zealand), August, 2018.

Policy engagement

- “Time for Peace Talks with ISIS and Al Qaeda? With options limited for fighting terrorists, negotiations may be the best remaining alternative.” September 19, 2018, *Foreign Policy* (FP News) <https://Foreignpolicy.Com/2018/09/19/Time-For-Peace-Talks-With-Isis-And-Al-Qaeda/>
- “How 9/11 created a feedback loop for international jihadism” (with Lisa Blaydes), *The Washington Post* Monkey Cage, September 22, 2017.
- “Civil Wars, Violence, and International Responses Workshop,” United Nations, November 17, 2017.
- Mapping Militants Project, <http://mappingmilitants.stanford.edu>

- “Comparing Failed, Foiled, Completed and Successful Terrorist Attacks.” With Erik Dahl and Margaret Wilson. Report to the Office of University Programs, Science and Technology Directorate, U.S. Department of Homeland Security. College Park, MD: START, 2017.
- World Class podcast with Mike McFaul, February, 2018.
- “The Future of Everything,” radio broadcast with Professor Russ Altman, May, 2018.
- “Newshub” Interview, TV3, Auckland, New Zealand, August, 2018.
<https://www.newshub.co.nz/home/shows/2018/09/interview-martha-crenshaw.html>
- The Hunt: US still faces major terrorism challenges, December 2017,
<https://www.wtop.com/j-j-green-national/2017/12/the-hunt-u-s-still-faces-major-terrorism-challenges/>

Honors, awards, and extramural funding

- Lead Investigator, National Consortium for the Study of Terrorism and Responses to Terrorism (START), a Center of Excellence of the Department of Homeland Security based at the University of Maryland, 2005-December, 2017.

LARRY DIAMOND

Academic publications

- *Ill Winds: Saving Democracy From Russian Rage, Chinese Ambition, and American Complacency*, Penguin, forthcoming June 2019
- Co-chair of the Asia Society-Hoover Institution Task Force on Chinese Influence Operations in the United States, Report forthcoming, November 2018
- “Reviving the Global Democratic Momentum,” in Adrian Basora, Agnieszka Marczyk, and Maia Otarashvili, eds., *Does Democracy Matter? The United States and Global Democracy Support*, Rowman and Littlefield, 2017.

Courses taught

- Comparative Democratic Development
- The Spirit of Democracy
- Rejecting Tyranny: Civil Resistance in Times of Crisis

Policy engagement

- “Follow the Leader: Explaining American Support for Democracy and Authoritarianism,” with Lee Drutman and Joe Goldman, Democracy Fund Voter Study Group, March 2018, <https://www.voterstudygroup.org/publications/2017-voter-survey/follow-the-leader>.
- “Testing the Limits: Examining Public Support for Checks on Presidential Power,” with Lee Drutman and Joe Goldman, Democracy Fund Voter Study Group, June 2018, <https://www.voterstudygroup.org/publications/2017-voter-survey/testing-the-limits>.

- “Standing Up to China,” *The American Interest*, August 17, 2018
- “Silence from the Party,” *The American Interest*, July 13, 2018
- “A Victory for Democratic Reform,” *The American Interest*, May 18, 2018
- “Countering a Kleptocratic Kremlin,” *The American Interest*, April 20, 2018
- “Are People Losing Faith in Democracy?” *The American Interest*, March 16, 2018
- “The Liberal Democratic Order in Crisis,” *The American Interest*, February 16, 2018
- “China’s Surveillance State Should Scare Everyone,” with Anna Mitchell, *The Atlantic*, February 2, 2018
- “The Quickest Path Toward Democratizing Presidential Elections,” *The Daily Beast*, January 29, 2018, <https://www.thedailybeast.com/the-quickest-path-toward-democratizing-presidential-elections-open-up-that-debate-stage?ref=author>.
- “Our Year of Living Dangerously,” *The American Interest*, January 12, 2018
- “This Sputnik Moment,” *The American Interest*, December 15, 2017
- “How to Reverse the Degradation of our Politics,” *The American Interest*, November 10, 2017
- “Is There a Crisis of Liberal Democracy?” *The American Interest*, October 13, 2017
- “The Authoritarian Temptation,” *Seminar* no. 693, May 2017 (New Delhi): <http://www.india-seminar.com/semframe.html>.
- “There is a Peaceful Way out of the North Korea Crisis,” *The Atlantic*, April 26, 2017
- “A ‘City on a Hill’ as a Fortress on a Moat,” with Abbas Milani and Michael McFaul, *The Atlantic*, February 3, 2017, <https://www.theatlantic.com/international/archive/2017/02/trump-immigration-democracy/515580/>.
- “The Middle East’s Next Moment of Reckoning,” (with Hesham Sallam) *Project Syndicate*, January 20, 2017, <https://www.project-syndicate.org/onpoint/the-middle-east-s-next-moment-of-reckoning-by-larry-diamond-and-hesham-sallam-2017-01?barrier=accesspaylog>.

Invited talks

- “Is There a Global Crisis of Liberal Democracy,” lecture to the Fair Winds Foundation, and the Taiwan Democracy Foundation, Taipei, Taiwan; King Prajadhipok’s Institute, Chulalongkorn University, and the National Institute of Development Administration, Bangkok, Thailand, August 2018.
- “Are People Losing Faith in Democracy?” Presentation to Stanford Family Weekend, February 24, 2018.
- “Defending Liberal Democracy from the Slide Toward Authoritarianism,” Keynote Speech to the European Democracy Conference 2017, Bratislava, November 21, 2017, Sponsored by the Institute of Public Affairs and the Konrad Adenauer Foundation
- “Is There a Crisis of Liberal Democracy?” Lecture to the Kennedy School of Government, Harvard University, November 30, 2017
- “When Is Populism a Threat to Democracy?” Presentation to the Stanford FSI Conference on Global Populisms, November 3, 2017

- “Prospects for Democracy and Democratization in Chinese Societies,” Keynote Address to 59th Annual Conference of the American Association for Chinese Studies, Walker Institute, University of South Carolina, October 21, 2017
- “Concluding Remarks: Call to Action,” 9th Ministerial of the Community of Democracies, Department of State, Washington, D.C., September 15, 2017
- “The Crisis of Democracy: Key Trends, Causes, and Policy Responses,” Lecture to the Korea Foundation for Advanced Studies, August 8, 2017
- “Defending the Western Tradition of Liberty Under Law,” Estoril Political Forum, Estoril, Portugal, June 26, 2017
- “Is the World Facing a Democratic Recession,” Instituto Atuãcao, Curitiba, Brazil, May 9, 2017. (and University of São Paulo, Brazil, May 11, 2017).
- “The Global Democratic Recession,” Lecture to Fudan University, Shanghai, China, April 24, 2017

ALBERTO DIÁZ-CAYEROS

Academic publications

- “Public Good Provision and Traditional Governance in Indigenous Communities in Oaxaca, Mexico,” with Beatriz Magaloni and Alex Ruiz Euler, *Comparative Political Studies*, forthcoming.
- “Fiscal Federalism and Redistribution in Mexico.” In Scott Greer, Alan Trench and Heather Elliott (eds.) *Federalism in Good Times and Bad*, University of Michigan Press, forthcoming.
- “Barriers to Egalitarianism. Distributive Tensions in Latin American Federations,” *Latin American Research Review*. 52(4), pp. 529–551, with Pablo Beramendi and Melissa Rogers, 2017.
- *Evaluación de Impacto del Programa Jóvenes con Porvenir*. México: México Evalúa, Centro de Análisis de Políticas Públicas, with Beatriz Magaloni and Brenda Jarillo, 2017.
- “Las Tensiones entre Federalismo y Centralismo Fiscal en las Constituciones.” In *Cien Ensayos para el Centenario*. Constitución Política de los Estados Unidos Mexicanos. Tomo 4. Estudios Políticos. Gerardo Esquivel (coord.). México. UNAM, 2017.

Courses taught

- Seminar in Contemporary Issues in Latin American Studies, LATAM200.
- Mapping Poverty, Colonialism and Nation Building in Latin America, LATAM177.
- Latin American Politics, POLISCI 348S.
- Riesgos Globales Biodiversidad, Seguridad y Gobernanza en Latinoamérica. Summer Institute at Stanford University.

Policy engagement

- Articles on federalism and political economy of Mexico published in newspapers and blogs *Animal Politico*, *HuffPost Mexico*, *Reforma*, *El Universal*.

- Evaluation of CFYR youth retraining program with USAID in the Caribbean (Saint Lucia, Guyana and St. Kitts/Nevis), in progress since 2016.
- Technical report on the effects of FAIS on welfare outcomes “Impacto del FAIS en desarrollo regional en Mexico” Quality Enhancement Review (QER) Meeting, World Bank, Washington, September 21, 2017.
- “Mexico at the Crossroads: Prospects for Continuity and Change on Economic, Security, and Political Issues.” US Department of State Bureau of Intelligence Research and the National Intelligence Council, Washington, September 22, 2017.
- Panelist in the Club de Madrid North American Roundtable. San Francisco, February 29, 2018.

Invited talks

- “Latin America: Democracy and Inequality,” Center for Democracy Development and Rule of Law, Stanford University, July 25, 2018.
- “Police extortion and corruption in Mexico,” European Political Science Association Meeting, Vienna, June 20-23, 2018.
- “Indigenous Identity and Colonial Rule: The Survival of Indigenous Linguistic Distinctiveness in Mexico,” LSE-Stanford-UNIANDÉS Conference on Long Run Development in Latin America, London, May 17-18, 2018.
- “Identidad Indígena y pobreza en México,” Heritage Spanish Teachers Seminar, Stanford University, January 20, 2018.
- “Violent Crime as a Development Challenge,” University of Tokyo Social Science Institute, November 23, 2017.
- “Violent Crime as a Development Challenge,” Waseda University, Tokyo, November 24, 2017.
- “Conquered but not Vanquished: Complementarities and Indigenous Entrepreneurship in the Shadow of Violence,” American Political Science Association Meeting, San Francisco, CA Sept 2, 2017.
- Keynote speaker 2nd Internationalist University Students Congress, ITAM, Mexico, August 23-25, 2017.
- “Latin America: democracy and inequality,” CDDRL, July 19, 2017.
- “Ethnic Divisions, Income Inequality (and Agrarian Rights),” World Congress of the International Economics Association, Centro de Investigación y Docencia Económica (CIDE), Mexico City, June 20, 2017.
- “Conquered but not Vanquished: Complementarities and Indigenous Entrepreneurship in the Shadow of Violence,” with Saumitra Jha, Long-Range Development in Latin America Conference, Stanford University, May 11, 2017.
- Keynote speaker at the Congress at the Universidad Popular Autónoma del Estado de Puebla at the Congress Finanzas Publicas, Gobiernos Locales y Federalismo en Mexico. UPAEP, Puebla, Mexico, April 20-22, 2017.
- “Desigualdad como fuerza de disrupción de la democracia.” Reunión RAP. Stanford, March 20, 2017.

- “Public Good Provision and Traditional Governance in Indigenous Communities in Oaxaca, Mexico,” Comparative Politics Seminar, UC Berkeley, January 24, 2017.

Extramural funding

- U.S. Department of Education. National Resource Centers and Foreign Language and Area Studies Fellowships. (\$481,000 each year, three years 2018-2021). Center for Latin American Studies. To support language training (Portuguese, Nahua and Quechua), MA program, outreach activities and programming in Latin American Area Studies.
- U.S. Department of State, Principal Investigator, “Police Accountability and Citizen Trust in Mexico,” 2016-19.

PASCALINE DUPAS

Academic publications

- Barak Oshri, Annie Hu, Peter Adelson, Xiao Chen, Pascaline Dupas, Jeremy Weinstein, Marshall Burke, David Lobell, Stefano Ermon (2018). “Infrastructure Quality Assessment in Africa using Satellite Imagery and Deep Learning.” Forthcoming, *Proc. 24th ACM SIGKDD Conference*, 2018.
- Dupas, Pascaline, Anthony Keats and Jonathan Robinson (2018). “The Effect of Savings Accounts on Interpersonal Financial Relationships: Evidence from a Field Experiment in Rural Kenya.” Forthcoming, *Economic Journal*.
- Dupas, Pascaline, Dean Karlan, Jonathan Robinson and Diego Ubfal (2018). “Banking the Unbanked? Evidence from three Countries.” *American Economic Journal: Applied Economics*, Vol. 10(2), pp. 257-97.
- Dupas, Pascaline, Elise Huillery and Juliette Seban (2018). “Risk Information, Risk Salience, and Adolescent Sexual Behavior: Experimental Evidence from Cameroon.” *Journal of Economic Organization and Behavior*, Vol. 145, pp. 151-175.
- Dizon-Ross, Rebecca, Pascaline Dupas and Jonathan Robinson (2017). “Governance and Effectiveness of Public Health Subsidies: Evidence from Ghana, Kenya and Uganda.” *Journal of Public Economics*, Vol. 156, pp. 150-169.
- Peletz, Rachel, Cock-Esteb, Alicea, Ysenburg, Dorothea, Haji, Salim, Khush, Ranjiv and Dupas, Pascaline (2017). “The supply and demand for improved sanitation: Results from randomized pricing experiments in rural Tanzania.” *Environmental Science & Technology*, 51 (12), pp 7138-7147.

Courses taught

- Development Economics
- Development Workshop
- Applied Economics
- Development “Tea”

Invited talks

- University of Notre Dame, February 2017
- University of Chicago, March 2017
- Columbia Teachers' College, March 2017
- NBER Education and Children' meetings, April 2017
- Keynote Address, Midwest Development Economics Conference, Madison Apr 2017
- UC Berkeley, May 2017
- University of Southern California, May 2017
- UC Merced, May 2017
- CIDE Mexico, May 2017
- ITAM Mexico, May 2017
- Houston, October 2017
- UC Berkeley CEQA, October 2017
- Northwestern, December 2017
- MIT, "D2P2: Data. Decisions. Public Policy" Lecture. December 2017
- World Bank, "Development Economics Vice Presidency Lecture". February 2018
- London School of Economics, February 2018
- University of British Columbia, March 2018
- UC Berkeley Demography Workshop, April 2018
- UC Davis Levine Family Lecture, April 2018
- Keynote, Frontiers of Social Innovation, Stanford University, May 2018
- Tinbergen Lectures, Amsterdam, June 2018
- Stanford Data Science Initiative (SDSI) 2018 Workshop, May 2018

Policy engagement

- 5-day visit to India (December 2017)
 - Met with Principal Economic Advisor, Ministry of Finance; Deputy Governor, Reserve Bank of India
 - Made a presentation on the impact of Cash Transfers on child health to the India office of the Bill and Melinda Gates Foundation
- 3-day visit to Japanese International Cooperation Agency (JICA) in June 2018, gave three talks
- Co-Chair of JPAL Health Initiative (MIT); oversees policy briefs and bulletins translating research findings into digestible documents for policy makers
- Ghana instituted free secondary education in September 2017 and our 9-yr study findings were cited as background evidence that helped shape the policy.
- The World Bank Development Report 2018, focused on education, mentioned four of my studies: <http://www.worldbank.org/en/publication/wdr2018>. One on classroom composition and pedagogy, one on primary education subsidies, one on secondary education subsidies (the same one as above), and one on contract teachers. World Bank reports make recommendations and are widely used by policy makers.

KAREN EGGLESTON

Academic publications

- Eggleston, Karen, and Anita Mukherjee. "Financing Longevity: The Economics of Pensions, Health, and Long-Term Care --Introduction to the Special Issue." Forthcoming in *The Journal of the Economics of Ageing*.
- Eggleston, Karen, 2018. Eggleston, Karen. "Innovation and Shortage: The Yin and Yang of the Health Sector." *Acta Oeconomica* 68, no. s1 (2018): 99-114.
- Xi Chen, Karen Eggleston, and Ang Sun, 2018. "The Impact of Social Pensions on Intergenerational Relationships: Comparative Evidence from China," *The Journal of the Economics of Ageing*. <http://dx.doi.org/10.1016/j.jeoa.2017.04.001>
- Jianchao Quan, Huyang Zhang, Deanette Pang, Brian K. Chen, Janice M. Johnston, Weiyan Jian, Zheng Yi Lau, Toshiaki Iizuka, Gabriel M. Leung, Hai Fang, Kelvin B. Tan, and Karen Eggleston, 2017. "Avoidable Hospital Admissions from Diabetes Complications in Japan, Singapore, Hong Kong, and Communities Outside Beijing," *Health Affairs* 36, No.11 (2017): 1896-1903.
- Maigeng Zhou, Shiwei Liu, Kate Bundorf, Karen Eggleston, and Sen Zhou, 2017. "Mortality in Rural China Declined As Health Insurance Coverage Increased, But No Evidence the Two Are Linked," *Health Affairs* 36(9) (September 2017): 1672–1678. doi: 10.1377/hlthaff.2017.0135
- Jui-fen Rachel Lu, Karen Eggleston, and Joseph Tung-Chieh Chang, 2018. "Economic Dimensions of Personalized and Precision Medicine in Asia: Evidence from Breast Cancer Treatment in Taiwan," chapter in NBER volume *Economic Dimensions of Personalized and Precision Medicine* (Ernst R. Berndt, John Rowe and Dana Goldman, editors), forthcoming, University of Chicago Press.
- Karen Eggleston, Jean Oi, and Yiming Wang, 2017. "The Political Economy of Urbanization in China," Chapter 1 in *Challenges in the Process of China's Urbanization*, edited by Karen Eggleston, Jean Oi, and Yiming Wang, Stanford University Walter H. Shorenstein Asia-Pacific Research Center series with Brookings Institution Press.
- Yiwei Chen, Hui Ding, Min Yu, Jieming Zhong, Ruying Hu, Xiangyu Chen, Chunmei Wang, Kaixu Xie, and Karen Eggleston, 2018. "The Effects of Primary Care Chronic Disease Management in Rural China." Working paper, October 2018.
- Cynthia Chen, Jue Tao Lim, Kim Daejung, Haemi Park, Lijia Wang, Bryan Tysinger, Michelle Zhao, Alex Cook, Ngee Choon Chia, Jian-Min Yuan, Stefan Ma, Tze Pin Ng, Woon Puay Koh, Joanne Yoong, Jay Bhattacharya, Karen Eggleston, "Educational gradients in disability among Asia's future elderly: Projections for South Korea and Singapore." Working paper, October 1, 2018.
- Daejung Kim, Jay Bhattacharya, Karen Eggleston, Bryan Tysinger, Michelle Zhao, 2018. "Impacts of Smoking Interventions on the Chronic Disease Burden of South Korea's Future Elderly." Working paper, September 2018.
- Megumi Kasajima, Hideki Hashimoto, Sze-Chuan Suen, Brian Chen, Karen Eggleston, and Jay Bhattacharya, 2018. "Future projection of the health and functional status of

older people in Japan: A pseudopanel microsimulation model." Working paper, September 2018.

Courses taught

- Health and Healthcare Systems in East Asia

Invited talks

- "Beyond 看病难看病贵(*Kanbing Nan, Kanbing Gui*): China's Health System Reform Progress and Challenges," Cornell University, October 1, 2018.
- "Adherence and Net Value: Evidence from Japan," EU Health Economics Association, Maastricht, The Netherlands, July 14, 2018.
- Yiwei Chen, Hui Ding, Min Yu, Jieming Zhong, Ruying Hu, Xiangyu Chen, Chunmei Wang, Kaixu Xie, and Karen Eggleston, 2018. "The Effects of Primary Care Chronic Disease Management in Rural China." Peking Union Medical College, Beijing, June 2018.
- "Is Preventive Care Worth the Cost? Evidence from Mandatory Checkups in Japan," American Economic Association 2018 ASSA Annual Meeting, iHEA Session: Health Care Organization and Outcomes: International Evidence, Philadelphia, January 7, 2018.
- Health economics symposium, Seoul National University Department of Economics, Seoul, Korea, December 2017.
- "International Perspectives on Universal Health Coverage, Health Reforms, and Asia in Comparative Perspective," Confederation of Indian Industry 14th India Health Summit 2017, New Delhi, December 14, 2017.
- "The Net Value of Diabetes Management: Evidence from Seven Health Systems," Public Health Foundation of India, Gurgaon, National Capital Region, India, December 13, 2017.
- "Estimating the Social Value of NCD Control: Evidence from Diabetes Management," Beijing Institute of Technology, Beijing, PRC, August 24, 2017.
- "The Net Value of Diabetes Management: Evidence from Seven Health Systems," International Health Economics Association World Congress, Boston, US, July 10, 2017.
- "Health Economic Analysis of Hypertension and Diabetes Management: Preliminary Results from Three Studies with Tongxiang," Zhejiang CDC, Hangzhou, PRC, June 30, 2017.
- "Leveraging Analysis of 'Big Data' to Improve Value-for-Money in Prevention and Chronic Disease Control," Peking University National School of Development, Beijing, PRC, June 23, 2017.
- "China's Possible Futures: Perspectives from Demographics and the Political Economy of Health Reform," Shorenstein APARC China Program's Tenth Anniversary "China's Possible Futures" Conference, Stanford, May 12, 2017.

Policy engagement

- Victor R. Fuchs and Karen Eggleston, 2018. Life Expectancy and Inequality in Life Expectancy in the United States. Stanford Institute for Economic Policy Research Policy Brief, April 2018. Available at <https://siepr.stanford.edu/sites/default/files/publications/PolicyBrief-Apr2018.pdf>.

RODNEY EWING

Academic publications

- Yuan Zhao, M.E. Sadat, Andrew Dunn, Hong Xu, Chien-Huang Chen, Wagner Nakasuga, Rodney C. Ewing and Donglu Shi (2017) Photothermal effect on Fe₃O₄ nanoparticles irradiated by white-light for energy-efficient window applications. *Solar Energy Materials and Solar Cells*, 161, 247-254.
- Genki Furuki, Junpei Imoto, Asumi Ochiai, Shinya Yamasaki, Kenji Nanba, Toshihiko Ohnuki, Bernd Grambow, Rodney C. Ewing and Satoshi Utsunomiya. Caesium-rich micro-particles: A window into the meltdown events at the Fukushima Daiichi Nuclear Power Plant (2017) *Scientific Reports*. (10 pages).
- Dylan R. Rittman, Katlyn M. Turner, Sulgiye Park, Antonion F. Fuentes, Jinyuan Yan, Rodney C. Ewing and Wendy L. Mao (2017) High-pressure behavior of A₂B₂O₇ pyrochlore (A = Eu, Dy; B = Ti, Zr). *Journal of Applied Physics*, vol. 121(4) 045902, 6 pages.
- Chenxu Wang, Tengfei Yang, Chien-Hung Chen, Sulgiye Park, Shaoshuai Liu, Yuan Fang, Zhanfeng Yan, Jianming Xue, Jie Zhang, Jingyang Wang, Rodney C. Ewing and Yugang Wang (2017) Ion-irradiation-induced structural evolution in Ti₄AlN₃. *Scripta Materialia*, vol. 133, 19-23.
- Cameron L. Tracy, Sulgiye Park, Dylan R. Rittman, Steven J. Zinkle, Maik Lang, Rodney C. Ewing and Wendy L. Mao (2017) Formation of a hexagonal close-packed phase of the high-entropy alloy CrMnFeCoNi at high pressure. *Nature Communications*. (6 pages).
- Dylan R. Rittman, Sulgiye Park, Cameron L. Tracy, Lei Zhang, Raul I. Palomares, Maik Lang, Alexandra Navrotsky, Wendy L. Mao and Rodney C. Ewing (2017) Structure and bulk modulus of Ln-doped UO₂ (Ln = La, Nd) at high pressure. *J. Nuclear Materials*, vol. 490, 29-33.
- Dylan R. Rittman, Katlyn M. Turner, Sulgiye Park, Antonio F. Fuentes, Changyong Park, Rodney C. Ewing and Wendy L. Mao (2017) Strain-engineered pyrochlore at high pressure. *Scientific Reports*, (10 pages).
- Raul I. Palomares, Cameron L. Tracy, Fuxiang Zhang, Changyong Park, Dmitry Popov, Christina Trautmann, Rodney C. Ewing and Maik Lang (2017) Thermal defect annealing of swift heavy ion irradiated ThO₂. *Nuclear instruments and Methods in Physics Research B*, vol. 405, 15-21.
- Alex B. Cusick, Maik Lang, Fuxiang Zhang, Jiaming Zhang, Christina Trautmann and Rodney C. Ewing (2017) Phase transformation and chemical decomposition of nanocrystalline SnO₂ under heavy ion irradiation. *Nuclear Instruments and Methods in Physics Research B*, vol. 407, 10-19.

- Katlyn M. Turner, Dylan R. Rittman, Rachel A. Heymach, Cameron L. Tracy, Madison L. Turner, Antonio F. Fuentes, Wendy L. Mao and Rodney C. Ewing (2017) Pressure-induced structural modifications of rare-earth hafnate pyrochlores. *Journal of Physics: Condensed Matter*, vol. 29, 255401 (12 pages).
- Alex B. Cusick, Maik Lang, Fuxiang Zhang, Kai Sun, Weixing Li, Patrick Kluth, Christina Trautmann and Rodney C. Ewing (2017) Amorphization of Ta₂O₅ under swift heavy ion irradiation. *Nuclear Instruments and Methods in Physics Research B*, vol. 407, 25-33.
- Raul I. Palomares, Jacob Shamblin, Cameron L. Tracy, Joerg Neuefeind, Rodney C. Ewing, Christina Trautmann and Maik Lang (2017) Defect accumulation in swift heavy ion-irradiated CeO₂ and ThO₂. *Journal of Materials Chemistry A*.
- Stephanie Szenknect, Nicolas Dacheux, Rodney C. Ewing and Alexandra Navrotsky (2017) Reply to comment by Konings and Plyasunov on "First experimental determination of the solubility constant of coffinite [Geochim. Cosmochim. Acta 181 (2016) 36-53]". *Geochimica et Cosmochimica Acta*, vol. 212, 374-376.
- Katlyn M. Turner, Jennifer E.S. Szymanowski, Fuxiang Zhang, Yu Lin, Brendan T. McGrail, Wendy L. Mao, Peter C. Burns, and Rodney C. Ewing (2017) Uranyl peroxide nanoclusters at high-pressure. *Journal of Materials Research Society*.
- Eric C. O'Quinn, Jacob Shamblin, Brandon Perlov, Rodney C. Ewing, Joerg C. Neuefeind, Mikhail Feygenson, Igor Gussev and Maik Lang (2017) Inversion in Mg_{1-x}Ni_xAl₂O₄ Spinel: New insight into local structure. *Journal of the American Chemical Society*, vol. 139, 10395 - 10402.
- Junpei Imoto, Asumi Ochiai, Genku Furuki, Mizuki Suetake, Ryohei Ikehara, Kenji Horie, Mami Takehara, Shinya Yamasaki, Kenji Nanba, Toshihiko Ohnuki, Gareth T.W. Law, Bernd Grambow, Rodney C. Ewing and Satoshi Utusunomiya (2017) Isotopic signature and nano-texture of cesium-rich microparticles: Release of uranium and fission products from the Fukushima Daiichi Nuclear Power Plant. *Scientific Reports*. (12 pages)
- Weixing Li, Yahui Shen, Yueqing Zhou, Shuai Nan, Chien-Hung Chen and Rodney C. Ewing (2017) *In situ* TEM observation of alpha-particle induced annealing of radiation damage in Durango apatite. *Scientific Reports*. (10 pages).
- Tobias Beirau, William D. Nix, Herbert Pöllmann and Rodney C. Ewing (2017) Radiation-induced effects on the mechanical properties of natural ZrSiO₄: Double cascade-overlap damage accumulation. *Physics and Chemistry of Minerals*.
- Jacob Shamblin, Cameron L. Tracy, Raul I. Palomares, Eric C. O'Quinn, Rodney C. Ewing, Joerg Neuefeind, Mikhail Feygenson, Jason Behrens, Christina Trautmann and Maik Lang (2018) Similar local order in disordered fluorite and aperiodic pyrochlore structures. *Acta Materialia*, vol. 144, 60-67.
- Katlyn M. Turner, Cameron L. Tracy, Wendy L. Mao and Rodney C. Ewing (2017) Lanthanide stannate pyrochlores (Ln₂Sn₂O₇: Ln = Nd, Gd, Er) at high pressure. *Journal of Physics: Condensed Matter*, vol. 29, 504005 (15 pages).
- Spencer M. Scott, Weiguany Zhu, Tiankai Yao, John D. Vienna, Rodney C. Ewing and Jie Lian (2017) The thermal stability and consolidation of perovskite variant Cs₂SnCl₆ using spark plasma sintering. *Journal of the American Ceramic Society*. doi: 10.1111/jace.15372 (6

pages) Selected for “best paper” award for 2018 and a special presentation of the research at *Journal of the American Ceramic Society Awards Symposium* at MS&T, 2018.

- Sulgiye Park, Cameron L. Tracy, Fuxiang Zhang, Raul I. Palomares, Changyong Park, Christina Trautmann, Maik Lang, Wendy L. Mao and Rodney C. Ewing (2018) Swift-heavy ion irradiation response and annealing behavior of A_2TiO_5 ($A = Nd, Gd, \text{ and } Yb$) *Journal of Solid State Chemistry*, vol. 258, 108-116.
- Chenxu Wang, Tengfei Yang, Cameron L. Tracy, Jingren Xiao, Shaoshuai Liu, Yuan Fang, Zhanfeng Yan, Wei Ge, Jiaming Xue, Jie Zhang, Jingyang Wang, Qing Huang, Rodney C. Ewing and Yugang Wang (2018) Role of the X and n factors in ion-irradiation induced phase transformations of $M_{n+1}AX_n$ phases. *Acta Materialia*, vol. 144, 432-446.
- Dylan R. Rittman, Cameron L. Tracy, Chien-Hung Chen, Jonathan M. Solomon, Mark Asta, Wendy L. Mao, Steven M. Yalisove and Rodney C. Ewing (2018) Phase transformation pathways of ultrafast-laser-irradiated Ln_2O_3 ($Ln = Er-Lu$). *Physical Review B*, vol. 97, 024104 (6 pages).
- Cameron L. Tracy, Maik Lang, Fuxiang Zhang, Sulgiye Park, Paul I. Palomares and Rodney C. Ewing (2018) Review of recent experimental results on the behavior of actinide-bearing oxides and related materials in extreme environments. *Progress in Nuclear Energy*, vol. 104, 342-358. (17 pages).
- Sulgiye Park, Dylan R. Rittman, Cameron L. Tracy, Karena W. Chapman, Fuxiang Zhang, Changyong Park, Sergey N. Tkachev, Eric O’Quinn, Jacob Shamblin, Maik Lang, Wendy L. Mao and Rodney C. Ewing (2018) A_2TiO_5 ($A = Dy, Gd, Er, \text{ and } Yb$) at high pressure. *Inorganic Chemistry*.
- Cameron L. Tracy, Chien-Hung Chen, Sulgiye Park, M. Lee Davisson and Rodney C. Ewing (2018) Measurement of UO_2 surface oxidation using grazing-incidence x-ray diffraction: Implications for nuclear forensics. *Journal of Nuclear Materials*, vol. 502, 68-75.
- Asumi Ochiai, Junpei Imoto, Mizuki Suetake, Tatsuki Komiya, Genki Furuki, Ryohei Ikehara, Shinya, Yamasaki, Gareth Law, Toshihiko Ohnuki, Bernd Grambow, Rodney C. Ewing and Satoshi Utsunomiya (2018) Uranium dioxides and debris fragments released to the environment with cesium-rich microparticles from the Fukushima Daiichi Nuclear Power Plant. *Environmental Science & Technology* (9 pages).
- Chien-Hung Chen, Cameron L. Tracy, Chenxu Wang, Maik Lang and Rodney C. Ewing (2018) Initial stages of ion beam-induced phase transformation in Gd_2O_3 and Lu_2O_3 . *Applied Physics Letters*, vol. 112, 073904 (5 pages).
- Sulgiye Park, Cameron L. Tracy, Fuxiang Zhang, Changyong Park, Christina Trautmann, Sergey N. Tkachev, Maik Lang, Wendy L. Mao, Rodney C. Ewing (2018) Radiation-induced disorder in compressed lanthanide zirconates. *Physical Chemistry Chemical Physics* (11 pages).
- Tobias Beirau, William D. Nix, Rodney C. Ewing, Herbert Pöllmann and Ekhard K.H. Saljet (2018) Radiation-damage-induced transitions in zircon: Percolation theory applied to hardness and elastic moduli as a function of density. *Applied Physics Letters*, vol. 112, 201901 (4 pages).
- Ryohei Ikehara, Mizuki Suetake, Tatsuki Komiya, Genki Furuki, Asumi Ochiai, Shinya Yamasaki, Toshihiko Ohnuki, Bernd Grambow, Rodney C. Ewing and Satoshi Utsunomiya (2018) Novel method to quantify radioactive cesium-rich microparticles (CsMPs) in the

environment from the Fukushima Daiichi Nuclear Power Plant. *Environmental Science & Technology*, vol 52, 6390-6398.

- William F. Cureton, Raul I. Palomares, Jeffrey Walters, Cameron L. Tracy, Curtis Chen, Rodney C. Ewing, Jie Lian, Christina Trautman and Maik Lang (**in press**) Grain size effects on irradiated CeO₂, ThO₂ and UO₂. *Acta Materialia*.
- Antonio F. Fuentes, Sagrario M. Montemayor, Mirosław Maczka, Maik Lang, Rodney C. Ewing and Ulises Amador (**in press**) A critical review of existing criteria for the prediction of pyrochlore formation and stability. *Inorganic Chemistry*.
- Rodney C. Ewing (2017) Foreword for *The Analysis of Nuclear Materials and Their Environments* by Claude Andre Degueldre, Springer.
- T.J. Bornhorst, C.J. Poulsen and R.C. Ewing (2017) A rescue package for imperiled collection. *Nature*, vol. 546, 210.
- Allison Macfarlane and Rod Ewing (2017) Déjà vu for U.S. Nuclear Waste. *Science* [invited Editorial] vol. 356, 1313.
- Rodney C. Ewing (2017) Gauging the risk from nuclear waste. *Correspondence in Nature*, vol. 552, 31.
- Rod Ewing [contributing editor] *Materials Innovation for the Global Circular Economy and Sustainable Society*, a report on a meeting sponsored by the European Materials Research Society, the Chinese Materials Research Society and the International Union of Materials Research Societies held in Strasbourg, November, 2018.
- William J. Weber, Rodney C. Ewing, E.R. Vance, Daniel Gregg, Sylvain Peugeot and Thierry Wiss (**in press**) Chapter 29. Plutonium Waste Forms In 2nd Edition of the *Plutonium Handbook*, American Nuclear Society.

Courses taught

- Managing Nuclear Waste: Technical, Political and Organizational Challenges
- Technology and National Security

Invited talks

- “Projecting Risk into the Future: Failure of a Geologic Repository and the Sinking of the Titanic”: Grandey Distinguished Lecture, Colorado School of Mines, Golden, CO, February 1, 2017.
- “Swift Heavy Ion Irradiation of Actinide Materials”: invited presentation at session in honor of David Clark’s receiving the Glen Seaborg Medal, 253rd meeting of the American Chemical Society, San Francisco, CA, April 3, 2017.
- “Imaginations: Projecting Risk into the Future”: invited presentation at meeting sponsored by Science and Technology Studies on *New Nuclear Imaginations*, Harvard University, Boston, MA, April 7, 2017.
- “Long-term Performance of Nuclear Waste Forms: Current Status and Future Perspectives”: invited presentation at the 12th Pacific Rim Conference on Ceramic and Glass Technology, Waikoloa Village, Hawai’i, May 22nd, 2017.

- “Response of Actinide-Bearing Materials to Highly Ionizing Radiation”: invited presentation at a session honoring Professor Gordon E. Brown, Jr., Goldschmidt Conference, Paris, France, August 16th, 2017.
- “Radioactive Waste Forms for the Future”: plenary presentation at the 254th national meeting of the American Chemical Society, Washington, D.C., August 21, 2017.
- “Reset of America’s Nuclear Waste Management Strategy and Policy”: Presentation to the Precourt Institute of Energy Workshop, Stanford University, October 3, 2017.
- “On-Going Challenges Surrounding Nuclear Waste”: Presentation as part of a lecture series on Chicago Pile-1 and Its Impacts (75th Anniversary), University of Chicago, November 8, 2017.
- “Projecting Risk into the Future: Failure of a Geologic Repository and the Sinking of the Titanic”: lecture as part of the Riddell Faculty Seminar Series, University of Manitoba, Winnipeg, Canada, November 10, 2017.
- “Projecting Risk into the Future: What Can we Learned from Failed Systems?”: invited lecture at the Forum for Next Generation Researchers at the VI World Materials Summit sponsored by E-MRS and IUMRS, Strasbourg, France, November 18, 2017.
- “Innovations in Nuclear Waste Forms”: invited lecture at the VI World Materials Summit – Materials Innovation for the Global Circular Economy and Sustainable Society, Strasbourg, France, November 21, 2017.
- “Is Nuclear Fission a Sustainable Source of Energy?”: invited lecture at the Stanford Symposium on Mineral Resources and their Sustainable Development, Stanford, CA, December 8, 2017.
- “Projecting Risk into the Future: Failure of a Geologic Repository and the Sinking of the Titanic”: Fellowship Forum, Palo Alto, CA, January 16, 2018.
- “Projecting Risk into the Future: Failure of a Geologic Repository and the Sinking of the Titanic”: guest lecture in MATSCI 301, Stanford, CA, February 31, 2018.
- “Reset of U.S. Nuclear Waste Management Strategy and Policy”: Precourt Institute Energy Seminar Series, Stanford University, March 12, 2018.
- “Film Screening for *Atomic Homefront*”: panel discussion sponsored by Human Rights Watch, Atherton, CA, March 20, 2018.
- “RESET of America’s Nuclear Waste Management Strategy and Policy”: Subatech Seminar Series, École de Mines de Nantes, France, June 22, 2018.
- “CISAC – Knowledge for a Safer World”: Sandia National Laboratories – Livermore, CA, July 16, 2018.
- “Reset of U.S. Strategy and Policy for Nuclear Waste in the U.S.”: Center for Global Security Research, Lawrence Livermore National Laboratory, CA, August 21, 2018.

Policy engagement

- Nuclear Waste Technical Review Board (Chair) (2011-2017) appointed by President Obama to the Board on July 28, 2011 and designated as Chair on September 26, 2012. Stepped down in 2017.
- Board on Earth Sciences and Resources of National Academy of Sciences, Engineering, and Medicine, 2017 – 2020.

- Committee on Supplemental Treatment of Low-Activity Waste at the Hanford Nuclear Reservation, National Academies of Science, Engineering, and Medicine, 2017-2018.
- *Plutonium Futures – the Science*, International Advisory Committee, San Diego, 2018.
- Science and Security Board of the *Bulletin of the Atomic Scientists*, 2012 – 2018.

Honors, awards and extramural funding

- National Academy of Engineering, inducted 2017
- President-elect of the American Geoscience Institute, 2017
- Radiation Effects in Insulators Award (for lifetime accomplishments in research), 2017
- Robert Cahn Award for research on nuclear materials, 2018
- Energy Frontier Research Center, Materials Science of Actinides, Department of Energy
- National Nuclear Security Administration
- The John D. and Catherine T. MacArthur Foundation

JAMES FEARON

Academic publications

- Cooperation, Conflict, and the Costs of Anarchy. *International Organization* 72, 3 (Summer 2018).
- Civil War and the Current States System. *Daedalus* 146, 4 (Fall 2017).
- Why are Women More Effective at Fostering Public Goods Provision When They Work in Women’s Groups? (Coauthored with Macartan Humphreys.) In *Gender and Development*, eds. Siwan Anderson, Lori Beaman and Jean-Philippe Platteau, Oxford University Press, 2018.
- Strategic Dynamics of Social Mimicry. In Diego Gambetta, ed., *Fight, Flight, Mimic*. Oxford University Press, forthcoming 2018.

Courses taught

- POLISCI 101, Introduction to International Relations (undergraduate lecture)
- POLISCI 420C, Security and Armed Conflict (graduate seminar)

Invited talks

- “Why Are Women More Effective at Fostering Public Goods Provision When They Work in Women’s Groups?” Invited presentation at conference on women and economic development sponsored by United Nations University-WIDER, held at the University of Namur, Belgium. 2/3/2017.
- “Does contemporary armed conflict have ‘deep historical roots’?” Invited talk in the Department of Social and Political Sciences, European University Institute, Fiesole, Italy. 2/15/2017.
- “The Trump administration and US foreign policy.” Invited talk and discussion with Stanford undergraduates at the BOSP Florence program. 2/20/2017.

- “Civil war and the contemporary states’ system.” Invited talk at the Schuman Center, EUI, Fiesole, Italy. 3/22/2017.
- “Armed Conflict Bargaining.” Invited talk at the Bocconi University, Milan, Italy. Economics Department. 4/11/2017.
- Presentation at meeting of the State Fragility Commission, Oxford Blavatnik School of Government, UK. 4/19/2017.
- “Cooperation, Conflict, and the Costs of Anarchy.” Invited talk at University of Oxford, Department of Politics and International Relations. 5/15/2017.
- “The Syrian Civil War in Context.” Invited lecture at Stanford BOSP program, Florence, Italy. 5/17/2017.
- “How and Why Do Civil Wars Begin?” Invited talk at conference on civil war research, European University Institute, Fiesole, Italy. 6/12/2017.
- “The Arms Trade, International Alignments, and International Conflict.” Invited keynote lecture, Center for Economic Studies CESifo group, Venice Summer Institute 2017, Dynamics of Conflict. 6/15/2017.
- “Armed Conflict Bargaining.” Invited presentation at Canadian Institute for Advanced Research meetings, Zurich, Switzerland. 6/24/2017.
- “The Nuclear Revolution, International Politics, and US Foreign Policy.” Invited public lecture and panel discussion, Waseda University, Tokyo, Japan. 7/29/2017.
- A Theory of Elite-Initiated Democratization, Illustrated with the Case of Myanmar (co-authored with Patrick Francois). Paper prepared for presentation at the 2018 Annual Meetings of the Western Political Science Association, San Francisco, CA, March 28-31.
- “International Alignments, the Arms Trade, and International Conflict” (co-authored with Bertel T. Hansen). Paper prepared for the 2017 Annual Meetings of the American Political Science Association, San Francisco, CA, August 31-September 3.
- “Cooperation, Conflict, and the Costs of Anarchy.” Invited talk at the Mershon Center, Ohio State University, 10/19/2017.
- American Academy of Arts and Sciences, Panel on Daedalus volume on civil war and the international system, Stanford University, 10/23/2017.
- “International Alignments, the Arms Trade, and International Conflict.” Invited talk at NYU Abu Dhabi, 11/7/2017.
- Discussant for Erin Baggott Carter and Brett Carter’s book manuscript on authoritarian propaganda strategies, USC Department of Political Science. 12/1/2017.
- Discussant for CISAC pre-doctoral fellow Asfandyar Mir at CISAC Social Science seminar, 1/11/2018.
- “International Alignments, the Arms Trade, and International Conflict.” Invited talk at UC Irvine, Global Peace and Conflict Institute, 1/18/2018.
- FSI World Class Podcast, “Civil war and the international system.” 2/20/2018.
- Co-organizer and co-host of the second Formal Models in International Relations conference, held February 23-24, 2018, at USC.
- Discussant for Matthew Kroenig project on Emerging Technologies and Nuclear Stability, The Atlantic Council, Washington DC, 3/8/2018.

- “International Alignments, the Arms Trade, and International Conflict.” Invited talk at Northwestern, Kellogg School of Management, 3/19/2018.
- “Post-Conflict Stabilization in Context,” Keynote lecture at the annual Empirical Studies of Conflict conference, U.S. Institute for Peace, Washington DC, 5/10/2018.
- “International Alignments, the Arms Trade, and International Conflict.” Invited talk at the Georgetown Political Economic Conference, Interamerican Development Bank, Washington DC, 5/11/2018.
- “The US/North Korea Nuclear Conflict,” invited talk at the Johns Hopkins Applied Physics Lab conference on Game Theory and the North Korean Crisis, Laurel, Maryland, 8/15/2018.
- Policy engagement Commissioner, LSE-Oxford Commission on State Fragility, Growth, and Development, chaired by Donald Cameron and Donald Kaberuka, 2017-2018.
- Consulting, Political Instability Task Force Consulting, World Bank, regarding conflict and economic development, and post-conflict reconstruction. Panel on Daedalus volume on civil war and the international system, Council on Foreign Relations, New York, 9/12/2017.
- Panel on Daedalus volume on civil war and the international system, United Nations, Department of Peacekeeping Operations and Department of Political Affairs. 9/13/2017.
- “The US/North Korea Nuclear Conflict,” invited talk at the Johns Hopkins Applied Physics Lab conference on Game Theory and the North Korean Crisis, Laurel, Maryland, 8/15/2018.
- Some policy-related writing “The big problem with the North Koreans isn’t that we can’t trust them. It’s that they can’t trust us.” The Monkey Cage, The Washington Post, 17 August 2017.
- “Trump told the Russians that firing Comey took the pressure off. This is what he should have said instead.” The Monkey Cage, The Washington Post, 21 May 2017.
- “Notes on the causes of the civil war in Syria, its continuation, and implications for international reconstruction efforts.” Commissioned by The World Bank as a background paper for the World Bank study, “The Toll of War: The Economic and Social Consequences of the Conflict in Syria.”
- “Security and Conflict.” Background paper for the LSE-Oxford Commission on State Fragility, Growth, and Development.

Honors and awards

- Elected life member, Council of Foreign Relations, 2017-
- Fernand Braudel Senior Fellowship, European University Institute, 2016-17.
- Fellow, Canadian Institution for Advanced Research, Program on Institutions, Organizations, and Growth. International Growth Centre, Research Affiliate, 2016-
- JSTOR Security Studies Advisory Group, 2017-
- Scientific Committee, Institute of Political Economy and Governance, Universitat Pompeu Fabra Fernand Braudel Senior Fellowship, European University Institute, 2016-17.

FRANCIS FUKUYAMA

Academic publications

- *Identity: The Demand for Dignity and the Politics of Resentment*, Farrar, Straus and Giroux, 2018.
- "Beyond Measurement: What Is Needed for Effective Governance and Anti-Corruption Reform?", in Helmut Anheier, Matthias Haber, and Mark A. Kayser, eds., *Governance Indicators: Approaches, Progress, Promise*, Oxford University Press, 2018.
- "Civil Society and Political Society," in Debra Erikson, and Michael Le Chevallier, *Jean Bethke Elshtain: Politics, Ethics, and Society*, University of Notre Dame Press, 2018.
- "The Populist Surge," *The American Interest* 13 (Mar-April, 2018): 16-18.
- "The Last English Civil War," *Daedalus* 147 (no. 1, Winter 2018): 15:24.

Courses taught

- Democracy, Development and the Rule of Law
- Making Things Happen in the Real World

Invited talks and policy engagement

- 1-16-18 Mediterranean School of Business, Tunis
- 1-25-18 Univ. of British Columbia
- 1-29-18 UCSD
- 1-31-18 Ilves panel
- 2-7-18 FSI populism panel
- 2-8-18 Erik Jensen class
- 2-11-18 World Govt Forum, Dubai
- 2-12-18 BI Oslo
- 2-12-18 Univesity of Oslo
- 2-13-18 Oslo Energy Forum
- 2-20-18 Knight Media Forum
- 2-22-18 Cardinal Conversations
- 3-6-18 Democracy Fund
- 3-13-18 Yascha Mounk book event
- 3-14-18 Slava Vakarchuk farewell event
- 3-15-18 Distinguished Careers Institute fellows, Stanford University
- 4/19-18 FSI China panel
- 4/23-18 Ukrainian Council of Ministers
- 4/24-18 CEO club
- 4/25-18 Novoye Vremya event Kyiv
- 4/26-18 donor event
- 5-15-18 EMPEA, Washington

- 5-18-18 Eikenberry guest lecture
- 5-19-18 CASBS
- 5-31-18 Giving Pledge
- 6-18-18 Hitotsubashi Univ. Democracy event
- 6-19-18 API
- 6-20-18 API
- 6-20-18 Japanese University presidents
- 6-25-18 Belgrade panel
- 6-26-18 Univ. Of Belgrade
- 6-28-18 Stanford Alumni, Berlin
- 8-30-18 American Univ. of Iraq in Sulaymaniya
- 1-9-17 Anthos
- 1-27-17 Economist Greece
- 1-30-17 Leadership Academy for Development Ukraine
- 2-2-17 Leadership Academy for Development Ukraine
- 2-21-17 Palo Alto Club
- 2-27-17 Euromoney Bahrain
- 3-1-17 Georgia Night Owl
- 3-9-17 AUIS
- 3-14-17 Pacific Union Club
- 3-16-17 EWI Cyber conference
- 3-19-17 Fundacion RAP
- 3-20-17 Fundacion RAP
- 3-30-17 George Mason
- 4-5-17 SURF talk
- 4-11-17 Chicago Council
- 4-27-17 Berkeley Inst for Gov conf
- 5-1-17 Endeavor
- 5-21-17 Reformation conf
- 5-23-17 Oxford conf
- 6-6-17 Argentina WB speech
- 6-7-17 Argentina RAP speech
- 6-14-17 Monterey World Affairs Council
- 7-3-17 Bosnia panel
- 7-4-17 Bosnia EOH speech
- 7-14-17 Monterey world Affairs Council
- 9-5-17 FSI event
- 9-7-17 CAF speech
- 9-7-17 Carnegie talk
- 9-7-17 National Endowment for Democracy talk
- 9-11-17 ONLF talk

- 9-12-17 ONLF talk
- 9-13-17 IACE talk
- 9-13-17 MSB talk
- 9-13-17 Manar talk
- 9-19-17 Penn Kemble Forum
- 9-20-17 Future Tense
- 9-24-17 Peninsula World Affairs Council
- 10-5-17 CDDRL brown bag
- 11-7-17 Union Investments
- 11-6-17 Populism conference
- 11-27-17 Korea IPS talk
- 11-28-17 Ukrainian event
- 11-30-17 Berkeley IIS talk
- 12-9-17 Tinker rule of law

ANNA GRZYMALA-BUSSE

Academic publications

- "Hoist on their own petards? The reinvention and collapse of authoritarian successor parties" *Party Politics*, forthcoming.
- "Victims of their own success? The paradoxical fate of the communist successor parties," in *Authoritarian Successor Parties*, eds. James Loxton and Scott Mainwaring, Cambridge University Press, forthcoming.
- "Making Godly Nations: Church-State Pathways in Poland and the Philippines?" (with Dan Slater), *Comparative Politics*, July 2018.
- "Poland's Illiberal Turn," *Current History*, March 2018.
- Grzymala-Busse, Anna. "Critical Forum: Global Populisms," *Slavic Review Special Issue*, Fall 2017.
- "Introduction," and "Global Populisms" *Slavic Review*, Critical Discussion editor, Summer 2017.

Invited talks

- Draper Hills Program, August 2018
- Bocconi University, Comparative Politics Workshop, May 2018
- George Washington University, Comparative Politics Workshop, April 2018
- Harvard University, Harvard Academy, April 2018
- University of Virginia, Department of Politics, April 2017
- University of Denver, Korbel School, March 2018
- Princeton University, Comparative Politics Workshop, March 2017
- Vanderbilt University, Comparative Politics Workshop, March 2017
- University of Kansas, Department of Political Science, February 2017

- University of Oregon, Department of Political Science, January 2017
- University of California, Irvine, Department of Political Science, January 2017

Organized conferences

- “Immigration and Populism” Workshop, Stanford University, June 2018
- “Global Populisms” Conference, Stanford University, November 2017

Policy engagement

- “Poland’s new right-wing government has a new prime minister,” *Monkey Cage* 12 December 2017.
- “Austrian election proves right-wing populism is the new normal,” *The Hill*, 22 October 2017.
- “A Tale of Two Illiberalisms: Why Is Poland Failing Where Hungary Succeeded?” IPI Global Observatory, August 3, 2017.
- “Will Global Populism Continue to Erode Democracies?” *Washington Post*, September 13, 2017.

Honors, awards and extramural funding

- 2018 Engaged Scholar Award, University of Denver
- American Academy of Arts and Sciences Fellow, 2017
- Gregory Luebbert Best Book Prize, APSA Comparative Politics Section, 2017
- Mary Parker Follett Best Article Prize, APSA Politics and History Section, 2017
- Hewlett Foundation grant, Principal Investigator, “Global Populisms” research project, 2017-19
- Andrew Carnegie Fellow, 2016-2017

GABRIELLE HECHT

Academic publications

- “Interscalar Vehicles for the African Anthropocene: On Waste, Temporality, and Violence,” *Cultural Anthropology* 33 (1, 2018): 109-141.
- “Residue,” *Somatosphere*, Winter 2018.
- “Toxicity, Waste, Detritus: An Introduction,” with Pamila Gupta, *Somatosphere*, Fall 2017.
- “Toxicity, Waste, and Detritus in the Global South: Africa and Beyond,” special issue of *Somatosphere*, Fall 2017. Co-editor with Pamila Gupta.
- “Confronting African Histories of Technology: A Conversation with Keith Breckenridge and Gabrielle Hecht,” with David Serlin, *Radical History Review* 127 (January 2017): 87-102.

Invited talks

- Residual Governance: Mining Afterlives and Molecular Colonialism, seen from an African Anthropocene
 - Department of Anthropology, University of California – Santa Cruz, April 2018.
 - Critical Urbanisms, University of Basel, Switzerland, December 2017
 - African Studies Association, Chicago, November 2017
 - Technopolitics and Empire: New Directions in Science Studies, UC Berkeley, November 2017
 - Keynote, STS Underground: Investigating the Technoscientific Worlds of Mining and Subterranean Extraction, Colorado School of Mines, February 2017
- *L'uranium africain est-il nucléaire?* Laboratoire Interdisciplinaire des Énergies de Demain, Université Paris-Diderot, France, December 2017
- *Nuclear AnthroScenes*, Keynote, Making the World Nuclear After Hiroshima, Stanford University, May 2017
- *Rethinking the Nuclear Age: The View from Africa*, Keynote, Nuclear Politics, Buffett Institute International Organization/International Law Working Group, Northwestern University, Chicago, April 2017
- *It's Complicated: Conversations on How Architecture and the Environment Relate*, Canadian Centre for Architecture, Montreal, Canada, June 2018
- *Timescales, Memory, and Nuclear Geographies*, Science & Justice Research Center, University of California, Santa Cruz, May 2018

Policy engagement and board service

- "The African Anthropocene," *Aeon*, online 6 February 2018.
- "Mining, and Minding, Africa," *Against the Grain*, KPFA radio, featured interview by C.S. Soong, April 2018.
- "Impact," Roundhouse Radio (Canada), featured interview by Don Shafer, February 2018.
- "Uranium" (working title), film directed by Larbi Benchiha, France Télévisions, forthcoming 2018; various media outlets.
- Nuclear Consulting Group, United Kingdom, 2018-
- AnthroTOX Convergence Environment. University of Oslo, Norway. 2017
- Chair of excellence in Security Studies. Sciences Po, Paris, 2017
- 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-
- Scientific Advisory Board. Sciences Po, Paris, 2013-17

TAKEO HOSHI

Academic publications

- “Has Abenomics Succeeded in Raising Japan’s Inward FDI?” *Asian Economic Policy Review*, 13, 149-168, January 2018
- “The Decline in Bank-Led Corporate Restructuring in Japan: 1981-2010” (with Satoshi Koibuchi and Ulrike Schaefer), *Journal of the Japanese and International Economies*, 47, 81-90, March 2018

Courses taught and other teaching

- EASTASN 153: Japan and the World: Innovation, Economic Growth, Globalization, and International Security Challenges (with Phillip Lipsky and Yu Jin Woo), Spring 2017 and Spring 2018 (also listed in Economics, Political Science, and International Policy Studies)
- Interviewed student candidates for summer internships in Tokyo (NIRA, JICA-RI, Mitsubishi Research Institute, and Kozo Keikaku Engineering), March 2017 and March 2018

Invited talks

- “Personal Guarantees by SME Owners in Japan”, Japan Finance Corporation Research Meeting, March 22, 2017.
- “Has Abenomics Succeeded in Raising Japan’s Inward FDI?”, Asian Economic Policy Review Conference, April 8, 2017.
- “China’s Future: Through Japan’s Rearview Mirror”, Presentation at Stanford China Program Tenth Anniversary Conference, May 12, 2017.
- “China’s Future: Through Japan’s Rearview Mirror”, Keynote Speech at Center for International Development and Environmental Governance (CIDEG) 20th Academic Committee Meeting, Tsinghua University, Beijing, China, May 20, 2017.
- “Demography and Economic Growth in Japan”, Presentation at Berenberg Demographic Conference 2017, New York, NY, October 5, 2017
- “Japanese Economy in 2018”, Presentation at the Foreign Correspondents Club of Japan, January 26, 2018.
- Brad Richardson Memorial Lecture “Has Abenomics Revived the Japanese Economy?” delivered at the Institute for Japanese Studies, The Ohio State University, Columbus, OH, February 26, 2018.

Policy engagement

- “What a Border Adjustment Tax Will and Will Not Do” (in Japanese), *Nihon Keizai Shimbun*, March 30, 2017.
- “Abenomics Growth Strategy 5.0”, *Tokyo Foundation Opinion*, June, 2017.
- “Japan’s Economic Outlook in 2018 and Beyond”, *Tokyo Foundation Interview*, January, 2018.

- “Japan’s Demographic Advantages” (in Japanese), *Nihon Keizai Shimbun*, January 9, 2018.
- “Japan’s Monetary Policy”, *Asahi Shimbun Globe Interview*, April 2018
- “Industrial Policy is Less Effective for Advanced Growth”, *Yomiuri Japan News Interview*, April 2018.
- Co-organized Asia Innovation Conference at Shorenstein APARC, October 26-27, 2017.
- Member of Study Group for Risk Capital Supply for the Fourth Industrial Revolution (established by the Ministry of Economy, Trade and Industry (METI) of Japan), October 2017 – June 2018.
- Co-organized Conference on Japan’s political economy under the Abe Administration, Shorenstein APARC, February 8-9, 2017.
- Organized Symposium on “History of US-Japan Relations” at Shorenstein APARC, March 6, 2018.
- Moderated a panel discussion at Conference “AI and the Future of Society” organized by Japan Forum for Innovation and Technology (JFIT), UC San Diego School of Global Policy & Strategy, April 27-28, 2018.
- Meeting a group of the Japanese government officials led by State Minister Takao Ochi (May 2, 2018).
- Organized Asian Bureau of Finance and Economic Research Annual Meeting in Singapore (May 2017 and May 2018).
- Meeting a group of Japanese policy makers led by Hiroshi Nakada (Former Mayor of Yokohama and Former Diet Member), May 30, 2018.
- Served as a discussant in NBER East Asian Seminar on Economics, Seoul, Korea, June 21-22, 2018.
- Organized NBER-CEPR-TECR (TRIO) Conference, June 22, 2017 and July 27, 2018.
- Organized NBER Japan Project Meeting, Tokyo, Japan, July 31, 2017 and July 30, 2018.
- Served as a discussant in AIEA-NBER Conference, Kuala Lumpur, Malaysia, August 17-18, 2018.

STEPHEN KRASNER

Academic publications

- Introduction, *Civil Wars and Global Disorder: Threats and Opportunities*, with Karl Eikenberry, *Daedalus*, Volume 146:4, Fall 2017
- Conclusion, *Ending Civil Wars: Constraints and Possibilities*, with Karl Eikenberry, *Daedalus*, Volume 147:1, Winter 2018

Courses taught

- International Security in a Changing World
- State Building

Invited talks

- Leadership Academy for Development, Ukraine, Jan. 2018
- German Marshall Fund conference, Brussels, Mar. 2018
- University of Virginia, Statecraft, 2018
- Naval Academy, Annapolis, Apr. 2018
- Middle East Forum, Brookings, July 2018

Policy engagement

- Led academic exchange tour of the West Bank, Israel, Aug. 2018.
- Held briefings on special issues on civil war at the United Nations and Council on Foreign Relations, Sept. 2017.
- Serve on Board of Directors of the United States Institute of Peace

YONG SUK LEE

Academic publications

- "Government Guaranteed Small Business Loans and Regional Growth", *Journal of Business Venturing* (2018), 33(1): 70-83.
- "International Isolation and Regional Inequality: Evidence from Sanctions on North Korea", *Journal of Urban Economics* (2018), 103: 34-51.
- "The Persistence of Entrepreneurship and Innovative Immigrants" (with Chuck Eesley), *Research Policy* (2018), 47(6): 1032-1044.
- "Information Technology in the Property Market," (with Yuya Sasaki). *Information Economics and Policy* (2018), 44: 1-7.
- "Political Influence and Trade Uncertainty: Evidence from Sanction Threats and Impositions " (with Seung Hoon Lee), *Economics Bulletin* (2018), 38(1): 367-372.
- "Entrepreneurship, Small Businesses, and Economic Growth in Cities," *Journal of Economic Geography* (2017), 17(2): 311-343.
- *Globalization, Culture, and Innovation in Korea*, edited by Joon-Nak Choi, Yong Suk Lee, and Gi-Wook Shin. Routledge. 2018.
- Lee, Yong Suk and Chuck Eesley. "A Comparative Analysis of Asian versus Asian American Entrepreneurship: Evidence from Stanford University Alumni." In *Globalization, Culture, and Innovation in Korea*, edited by Joon-Nak Choi, Yong Suk Lee, and Gi-Wook Shin. Routledge. 2018.

Courses taught

- Economic Development and Challenges of East Asia

Invited talks

- Asia Innovation and Entrepreneurship Association and NBER Conference, Kuala Lumpur, 2018
- Semi-Plenary Speaker, International Schumpeter Society Conference, Seoul, 2018

- Jeju Forum, Friedrich Naumann Foundation, Panel on 4th Industrial Revolution and Entrepreneurship, 2018
- Stanford in Government, Panel on North Korea's Nuclear Threat, 2018
- Seoul-LA Forum, Pacific Council of International Affairs, Los Angeles, 2017
- KDI School of Public Policy, "Exploring the Determinants of Entrepreneurship," 2017
- "Robotics and Business Dynamics"
- Korea Development Institute (2018)
- International Schumpeter Society Conference (Seoul, 2018)
- Korea Economic Association International Conference (Sungkyunkwan University, 2018)
- "Do University Entrepreneurship Programs Promote Entrepreneurship?"
 - Seoul National University (2018)
 - Asia Innovation and Entrepreneurship Association - National Bureau of Economic Research Conference (Kuala Lumpur 2018)
 - Association of Management Annual Meetings (Chicago 2018)
 - Korea Economic Association International Conference (Korea University, 2017)
 - KDI School of Public Policy (2017)
- "Social Media and Rigid Beliefs"
 - Tsinghua University (2018)
 - UC San Diego (2018)
 - World Congress of Korean Studies (Seoul, 2018)
- "Perceptual Change in Institutions and the Allocation of Talent to Productive Entrepreneurship"
 - Stanford University, Asia-Pacific Research Center (2017)
 - Seoul National University Applied Microeconomics Conference (2017)

Policy engagement

- Center and "Analyzing the Structure and Performance of Kim Jong-un's Regime", (with Thomas Fingar, Kwan-jin Kim, and Hyeong-seog Lee). Policy Brief published by Shorenstein Asia-Pacific Research the Institute for National Security Strategy. June 2017.
- "Should We Encourage Kids to Learn Coding?" Op-Ed in *The Korea Times* (in Korean), August 6, 2018.
- "A Grand Bargain between the US and China Seems More Likely than Ever." Op-Ed in *Maeil Business Newspaper* (in Korean), December 25, 2017.
- "New North Korea Sanctions a Plausible Step yet Unlikely to Break Deadlock", Shorenstein Asia-Pacific Research Center, July 20, 2017.
- "Technological Change: Why Korea Needs a Longer Term Perspective on Job Creation." Op-Ed in *Maeil Business Newspaper* (in Korean), June 27, 2017.
- "Technology, Not Trade, Will Affect Jobs in U.S., South Korea." Op-Ed for the Pacific Council of International Affairs, May 2017.
- "Labor Market by the Youth, and for the Youth." Op-Ed in *Maeil Business Newspaper* (in Korean), January 30, 2017.

- Panel on 4th Industrial Revolution, Friedrich Naumann Foundation Global Innovation Hub, 2018
- Panel on North Korea, KCRW, To the Point. October 11, 2017

Honors, awards and extramural funding

- “Technology Adoption in an Aging Society (with Karen Eggleston).” Stanford Japan Research Fund Award. 2018-2019.
- “Digital Technologies and the Labor Market in Korea.” Stanford Asia-Pacific Center Research Award. February 2018-January 2019.
- “Digital Technologies and the Labor Market” (with Chuck Eesley). Stanford Cyber Initiative. Co-Investigator/Project Director. September 2017-September 2018
- “Assessing & Improving the Quality of Engineering and Computer Science Education in South Korea - Pilot Grant.” (with Prashant Loyalka) 2017. KDI School Research Grant. Co-Investigator.

DAVID LOBELL

*Academic publications (*student author)*

- *Seifert, C.A., Azzari, G. and Lobell, D.B., 2018. Satellite detection of cover crops and their effects on crop yield in the Midwestern United States. *Environmental Research Letters*, 13(6), p.064033. <https://doi.org/10.1088/1748-9326/aac4c8>
- Zhu, P., Jin, Z., Zhuang, Q., Ciais, P., Bernacchi, C., Wang, X., Makowski, D. and Lobell, D., 2018. The important but weakening maize yield benefit of grain filling prolongation in the US Midwest. *Global change biology*.
- *Weyant, C., Brandeau, M.L., Burke, M., Lobell, D.B., Bendavid, E. and Basu, S., 2018. Anticipated burden and mitigation of carbon-dioxide-induced nutritional deficiencies and related diseases: A simulation modeling study. *PLoS medicine*, 15(7), p.e1002586.
- *Turner, P.A., Field, C.B., Lobell, D.B., Sanchez, D.L. and Mach, K.J., 2018. Unprecedented rates of land-use transformation in modelled climate change mitigation pathways. *Nature Sustainability*, 1(5), p.240.
- *Jin, Z., Ainsworth, E. A., Leakey, A. D. B., & Lobell, D. B. (2018). Increasing drought and diminishing benefits of elevated carbon dioxide for soybean yields across the US Midwest. *Global Change Biology*, 24(2). <https://doi.org/10.1111/gcb.13946>
- *Turner, P. A., Mach, K. J., Lobell, D. B., Benson, S. M., Baik, E., Sanchez, D. L., & Field, C. B. (2018). The global overlap of bioenergy and carbon sequestration potential. *Climatic Change*. 148(1-2), pp.1-10.<https://doi.org/10.1007/s10584-018-2189-z>
- Lobell, D. B., Azzari, G., Burke, M., Gourlay, S., Jin, Z., Kilic, T., & Murray, S. (2018). Eyes in the sky, boots on the ground: assessing satellite-and ground-based approaches to crop yield measurement and analysis in Uganda. *World Bank Working Paper*.
- Tebaldi, C., & Lobell, D. (2018). Estimated impacts of emission reductions on wheat and maize crops. *Climatic Change*, 146(3-4), 533-545.

- *Jin, Z., Azzari, G., & Lobell, D. B. (2017). Improving the accuracy of satellite-based high-resolution yield estimation: A test of multiple scalable approaches. *Agricultural and Forest Meteorology*, 247. <https://doi.org/10.1016/j.agrformet.2017.08.001>
- *Jin, Z., Azzari, G., Burke, M., Aston, S., & Lobell, D. B. (2017). Mapping smallholder yield heterogeneity at multiple scales in eastern Africa. *Remote Sensing*, 9(9). <https://doi.org/10.3390/rs9090931>
- Zhao, C., Liu, B., Piao, S., Wang, X., Lobell, D. B., Huang, Y., ... Asseng, S. (2017). Temperature increase reduces global yields of major crops in four independent estimates. *Proceedings of the National Academy of Sciences of the United States of America*, 114(35). <https://doi.org/10.1073/pnas.1701762114>
- *Guan, K., Wu, J., Kimball, J. S., Anderson, M. C., Froelking, S., Li, B., ... Lobell, D. B. (2017). The shared and unique values of optical, fluorescence, thermal and microwave satellite data for estimating large-scale crop yields. *Remote Sensing of Environment*, 199. <https://doi.org/10.1016/j.rse.2017.06.043>
- *Pryzant, R., Ermon, S., & Lobell, D. (2017). Monitoring Ethiopian Wheat Fungus with Satellite Imagery and Deep Feature Learning. In *IEEE Computer Society Conference on Computer Vision and Pattern Recognition Workshops (Vol. 2017-July)*. <https://doi.org/10.1109/CVPRW.2017.196>
- Roberts, M. J., Braun, N. O., Sinclair, T. R., Lobell, D. B., & Schlenker, W. (2017). Comparing and combining process-based crop models and statistical models with some implications for climate change. *Environmental Research Letters*, 12(9). <https://doi.org/10.1088/1748-9326/aa7f33>
- *Jain, M., Singh, B., Srivastava, A. A. K., Malik, R. K., McDonald, A. J., & Lobell, D. B. (2017). Using satellite data to identify the causes of and potential solutions for yield gaps in India's Wheat Belt. *Environmental Research Letters*, 12(9). <https://doi.org/10.1088/1748-9326/aa8228>
- *Azzari, G., & Lobell, D. B. (2017). Landsat-based classification in the cloud: An opportunity for a paradigm shift in land cover monitoring. *Remote Sensing of Environment*, 202. <https://doi.org/10.1016/j.rse.2017.05.025>
- Lobell, D. B., & Asseng, S. (2017). Comparing estimates of climate change impacts from process-based and statistical crop models. *Environmental Research Letters*, 12(1). <https://doi.org/10.1088/1748-9326/aa518a>
- *Azzari, G., Jain, M., & Lobell, D. B. (2017). Towards fine resolution global maps of crop yields: Testing multiple methods and satellites in three countries. *Remote Sensing of Environment*, 202. <https://doi.org/10.1016/j.rse.2017.04.014>
- *Seifert, C. A., Roberts, M. J., & Lobell, D. B. (2017). Continuous corn and soybean yield penalties across hundreds of thousands of fields. *Agronomy Journal*, 109(2). <https://doi.org/10.2134/agronj2016.03.0134>
- Burke, M. and Lobell, D.B., 2017. Satellite-based assessment of yield variation and its determinants in smallholder African systems. *Proceedings of the National Academy of Sciences*, 114(9), pp.2189-2194. <https://doi.org/10.1073/pnas.1616919114>

- Lobell, D.B. and Azzari, G., 2017. Satellite detection of rising maize yield heterogeneity in the US Midwest. *Environmental Research Letters*, 12(1), p.014014. <https://doi.org/10.1088/1748-9326/aa5371>
- Lobell, D.B. and Asseng, S., 2017. Comparing estimates of climate change impacts from process-based and statistical crop models. *Environmental Research Letters*, 12(1), p.015001.
- *Urban, D. W., Sheffield, J., & Lobell, D. B. (2017). Historical effects of CO₂ and climate trends on global crop water demand. *Nature Climate Change*, 7(12), 901.
- Heft-Neal, S., Lobell, D.B. and Burke, M., 2017. Using remotely sensed temperature to estimate climate response functions. *Environmental Research Letters*, 12(1), p.014013. <https://doi.org/10.1088/1748-9326/aa5463>
- *Zhao, Y. and D.B. Lobell, 2017. Assessing the heterogeneity and persistence of farmers' maize yield performance across the North China Plain, *Field Crops Research*, 205: 55-66.
- *Seifert, C., Roberts, M., and Lobell, D.B. 2017. Continuous Corn and Soybean Yield Penalties Across Hundreds of Thousands of Fields, *Agronomy Journal*, 109(2): 541-548.
- *You, J., X. Li, M. Low, D. Lobell and S. Ermon (2017) Deep Gaussian Process for Crop Yield Prediction Based on Remote Sensing Data, *AAAI Conference on Artificial Intelligence (AAAI-17)*, 4559-4566.
- *Guan, K., Sultan, B., Biasutti, M., Baron, C., & Lobell, D. B. (2017). Assessing climate adaptation options and uncertainties for cereal systems in West Africa. *Agricultural and Forest Meteorology*, 232, 291–305. doi:10.1016/j.agrformet.2016.07.021
- Asseng, S., Cammarano, D., Basso, B., Chung, U., Alderman, P. D., Sonder, K., ... & Lobell, D. B. (2017). Hot spots of wheat yield decline with rising temperatures. *Global change biology*, 23(6), 2464-2472.

Courses taught

- Data for Sustainable Development
- Feeding Nine Billion
- Climate and Society

Invited talks

- September 2018. Climate action summit panel on children's health. "Climate change, food security, and child health"
- July 2018. International Conference of Agricultural Economists, Vancouver. "Eyes in the Sky, Boots on the Ground: Assessing Satellite- and Ground-Based Approaches to Crop Yield Measurement and Analysis in Uganda"
- May 2018. Stanford University annual conference on Indian Economic Policy, "Technology and the Productivity of India's Agriculture"
- May 2018. MIT, "Pathways to food security in the context of climate change"
- February 2018, Stanford Global Health conference, "Impacts of changing climate on food availability and quality"
- November 2017, Brown University, "The promise of crop analytics for the

environment”

- June 2017: University of California, Berkeley International Consortium on Applied Bioeconomy Research, “Using Satellite Imagery to Measure Crop Area and Yields” at the
- June 2017: World Bank Annual Bank Conference on "Africa: The Challenges and Opportunities of Transforming African Agriculture
- June 2017. UC Davis. “Mapping the world’s croplands”
- April 26, 2017: David Lobell spoke at the Harvard Center for Environment climate week discussing "Improving Agriculture in a Warmer World”

Policy engagement

- Participated in panel at UN General Assembly on Data to End Hunger. September 2018
- David Lobell and Marshall Burke presented to Gates Foundation leadership on the implications of smart farming advancements. May 2017.

PRASHANT LOYALKA

Academic publications

- Loyalka, P., Popova, A., Li, G.R., Shi, Z.L. “Does Teacher Training Actually Work? Evidence from a Large-Scale Randomized Evaluation of a National Teacher Training Program.” *American Economic Journal: Applied Economics*. Forthcoming.
- Loyalka, P., Sylvia, S., Liu, C.F., Chu, J., Shi, Y.J. “Pay by Design: Teacher Performance Pay Design and the Distribution of Student Achievement.” *Journal of Labor Economics*. Forthcoming.
- Loyalka, P., Kuzmina, Y., Zakharov, A. (2018). “Catching the Big Fish Little Pond Effect: Evidence from 33 Countries and Regions.” *Comparative Education Review*.
- Li, F., Loyalka, P., Yi, H.M., Shi, Y.J., and Rozelle, S. (2018). “Ability Tracking and Social Trust in China's Rural Secondary School System.” *School Effectiveness and School Improvement*.
- Liu, O. L., Shaw, A., Gu, L., Li, G., Hu, S., Yu, N., ... Loyalka, P. (2018). Assessing college critical thinking: Preliminary results from the Chinese HEIghten® Critical Thinking assessment. *Higher Education Research & Development*.
- Yi, H.M., Li, G.R., Li, L.Y., Loyalka, P., Zhang, L.X., Xu, J.J., Kardanova, E., Shi, H., & Chu, J. (2018). “Assessing the Quality of Upper-secondary Vocational Education and Training: Evidence from China.” *Comparative Education Review*.
- Chu, J., Loyalka, P., Li, G., Yao, S., Gao, L.Y., Yi, H.M. (2018). Stereotype Threat in Chinese Vocational High Schools. *Socius*.
- Li, H.B., Loyalka, P., Rozelle, S., Wu, B.Z. (2017). “Human Capital and China’s Future Growth” *Journal of Economic Perspectives*, 31(1), 25-48.
- Loyalka, P., Chu, J., Wei, J., Johnson, N., & Reniker, J. (2017). Inequalities in the pathway to college in China: when do students from poor areas fall behind? *The China Quarterly*, 229, 172-194.

- Sorcar, P., Strauber, B., Loyalka, P., Kumar, N., Goldman, S. (2017). "Sidestepping the Elephant in the Classroom: Using Culturally Appropriate Software to Teach around Taboos" *ACM CHI 2017*.
- Wang, H. Shi, Y.J., Wang, Y.A., Loyalka, P., Rozelle, S., Chu, J. (2017). Rural Teacher Bias Against Low-Achieving Students. *China Quarterly Journal of Economics*, 16(3), 65.
- Loyalka, P. "Strengths and Shortcomings of Randomized Controlled Trials (RCTs): Reflections from REAP's Experiences in China." Forthcoming in *World Yearbook of Education: Comparative Methodology in an Era of Big Data and Global Networks*. Eds. Gorur, R., Sellar, S., Steiner-Khamsi G.
- Lin, Liu, Xu...Loyalka (2017). "Validating the Use of Translated and Adapted HEIghten® Quantitative Literacy Test in Russia" in *Assessment of Learning Outcomes in Higher Education – Cross-national Comparisons and Perspectives*. Eds: Olga Zlatin-Troitschanskaia, Hans Anand Pant, Miriam Toepper, Corinna Lautenbach and Christiane Kuhn.

Courses taught

- Resource Allocation in Education
- Research Workshop in International Education

Invited talks

- University of Chicago
- Teachers College, Columbia University
- Higher School of Economics
- Jawaharlal Nehru University
- World Bank
- Korean Development Institute School

Policy engagement

- Government of India / Ministry of Human Resources and Development
- Government of India / All India Council of Technical Education
- Government of India / National Planning and Implementation Unit – TEQIP III
- Odisha State Government
- World Bank
- China – Development Research Council
- Henan Province Department of Education
- Russian Ministry of Education and Science
- Electronics Industry Citizenship Coalition

STEPHEN LUBY

Academic publications

- Rimi NA, Sultana R, Ishtiaq-Ahmed K, Haider N, Azziz-Baumgartner E, Nahar N, Luby SP. Where backyard poultry raisers seek care for sick poultry: implications for avian influenza prevention in Bangladesh. *BMC Public Health*. 2018 Aug 3; 18(1):969.
- Sultana F, Unicomb LE, Nizame FA, Dutta NC, Ram PK, Luby SP, Winch PJ. Acceptability and feasibility of sharing a soapy water system for handwashing in a low-income urban community in Dhaka, Bangladesh: a qualitative study. *Am J Trop Med Hyg*. 2018 Aug; 99(2):502-512.
- Pickering AJ, Ercumen A, Arnold BF, Kwong LH, Parvez SM, Alam M, Sen D, Islam S, Kullmann C, Chase C, Ahmed R, Unicomb L, Colford JM, Luby SP. Fecal . *Environ Sci Technol*. 2018 Jul 17; 52(14):7928-7936.
- Parvez SM, Azad R, Rahman M, Unicomb L, Ram PK, Naser AM, Stewart CP, Jannat K, Rahman MJ, Leontsini E, Winch PJ, Luby SP. Achieving optimal technology and behavioral uptake of single and combined interventions of water, sanitation hygiene and nutrition, in an efficacy trial (WASH Benefits) in rural Bangladesh. *Trials*. 2018 Jul 6; 19(1):358.
- Unicomb L, Begum F, Leontsini E, Rahman M, Ashraf S, Naser AM, Nizame FA, Jannat K, Hussain F, Parvez SM, Arman S, Mobashara M, Luby SP, Winch PJ. WASH Benefits Bangladesh trial: management structure for achieving high coverage in an efficacy trial. *Trials*. 2018 Jul 6; 19(1):359.
- Rahman M, Ashraf S, Unicomb L, Mainuddin AKM, Parvez SM, Begum F, Das KK, Naser AM, Hussain F, Clasen T, Luby SP, Leontsini E, Winch PJ. WASH Benefits Bangladesh trial: system for monitoring coverage and quality in an efficacy trial. *Trials*. 2018 Jul 6; 19(1):360.
- Naziat H, Saha S, Islam M, Saha S, Uddin MJ, Hussain M, Luby SP, Darmstadt GL, Whitney CG, Gessner BD, Saha SK. Epidemiology of otitis media with otorrhea among Bangladeshi children: baseline study for future assessment of pneumococcal conjugate vaccine. *Pediatr Infect Dis J*. 2018 Jul; 37(7):715-721.
- Khan SU, Gurley ES, Gerloff N, Rahman MZ, Simpson N, Rahman M, Haider N, Chowdhury S, Balish A, Zaman RU, Nasreen S, Chandra Das B, Azziz-Baumgartner E, Sturm-Ramirez K, Davis CT, Donis RO, Luby SP. Avian influenza surveillance in domestic waterfowl and environment of live bird markets in Bangladesh, 2007-2012. *Sci Rep*. 2018 Jun 20; 8(1):9396.
- Arnold BF, Null C, Luby SP, Colford JM. Implications of WASH Benefits trials for water and sanitation – Authors’ reply. *Lancet Glob Health*. 2018 Jun 1; 6(6):e616-e617.
- Openshaw JJ, Medina A, Felt SA, Li T, Huan Z, Rozelle S, Luby SP. Prevalence and risk factors for *Taenia solium* cysticercosis in school-aged children: a school-based study in western Sichuan, People’s Republic of China. *PLoS Negl Trop Dis*. 2018 May 8; 12(5):e0006465.
- Parveen S, Nasreen S, Allen JV, Kamm KB, Khan S, Akter S, Lopa TM, Zaman K, El Arifeen S, Luby SP, Ram PK. Barriers to and motivators of handwashing behavior among mothers of neonates in rural Bangladesh. *BMC Public Health*. 2018 Apr 11;

18(1):483.

- Cortes MC, Cauchemez S, Lefrancq N, Luby SP, Jahangir Hossain M, Sazzad HMS, Rahman M, Daszak P, Salje H, Gurley ES. Characterization of the spatial and temporal distribution of Nipah virus spillover events in Bangladesh 2007-2013. *J Infect Dis.* 2018 Apr 11; 217(9):1390-1394.
- Islam M, Ercumen A, Ashraf S, Rahman M, Shoab AK, Luby SP, Unicomb L. Unsafe disposal of feces of children <3 years among households with latrine access in rural Bangladesh: association with household characteristics, fly presence and child diarrhea. *PLoS One.* 2018 Apr 5; 13(4):e0195218.
- Tofail F, Fernald LC, Das KK, Rahman M, Ahmed T, Jannat KK, Unicomb L, Arnold BF, Ashraf S, Winch PJ, Kariger P, Stewart CP, Colford JM, Luby SP. Effect of water quality, sanitation, hand washing, and nutritional interventions on child development in rural Bangladesh (WASH Benefits Bangladesh): a cluster-randomised controlled trial. *Lancet Child Adolesc Health.* 2018 Apr; 2(4):255-268.
- Doza S, Jabeen Rahman M, Islam MA, Kwong LH, Unicomb L, Ercumen A, Pickering AJ, Parvez SM, Naser AM, Ashraf S, Das KK, Luby SP. Prevalence and association of *Escherichia coli* and diarrheagenic *Escherichia coli* in stored foods for young children and flies caught in the same households in rural Bangladesh. *Am J Trop Med Hyg.* 2018 Apr; 98(4):1031-1038.
- Huda TMN, Schmidt WP, Pickering AJ, Mahmud ZH, Islam MS, Rahman MS, Luby SP, Biran A. A cross sectional study of the association between sanitation type and fecal contamination of the household environment in rural Bangladesh. *Am J Trop Med Hyg.* 2018 Apr; 98(4):967-976.
- Naser AM, Higgins EM, Arman S, Ercumen A, Ashraf S, Das KK, Rahman M, Luby SP, Unicomb L. Effect of groundwater iron on residual chlorine in water treated with sodium dichloroisocyanurate tablets in rural Bangladesh. *Am J Trop Med Hyg.* 2018 Apr; 98(4):997-983.
- Luby SP, Rahman M, Arnold BF, Unicomb L, Ashraf S, Winch PJ, Stewart CP, Begum F, Hussain F, Benjamin-Chung J, Leontsini E, Naser AM, Parvez SM, Hubbard AE, Lin A, Nizame FA, Jannat K, Ercumen A, Ram PK, Das KK, Abedin J, Clasen TF, Dewey KG, Fernald LC, Null C, Ahmed T, Colford JM. Effects of water quality, sanitation, handwashing, and nutritional interventions on diarrhoea and child growth in rural Bangladesh: a cluster randomised controlled trial. *Lancet Glob Health.* 2018 Mar; 6(3):e302-e315.
- Null C, Stewart CP, Pickering AJ, Dentz HN, Arnold BF, Arnold CD, Benjamin-Chung J, Clasen T, Dewey KG, Fernald LCH, Hubbard AE, Kariger P, Lin A, Luby SP, Mertens A, Njenga SM, Nyambane G, Ram PK, Colford JM. Effects of water quality, sanitation, handwashing, and nutritional interventions on diarrhoea and child growth in rural Kenya: a cluster randomised controlled trial. *Lancet Glob Health.* 2018 Mar; 6(3):e316-e329.
- Benjamin-Chung J, Arnold BF, Berger D, Luby SP, Miguel E, Colford JM, Hubbard AE. Spillover effects in epidemiology: parameters, study designs and methodological considerations. *Int J Epidemiol.* 2018 Feb 1; 47(1):332-347.
- Crider Y, Sultana S, Unicomb L, Davis J, Luby SP, Pickering AJ. Can you taste it? Taste

detection and acceptability thresholds for chlorine residual in drinking water in Dhaka, Bangladesh. *Sci Total Environ.* 2018 Feb 1; 613-614:840-846.

- Ahmed M, Abedin J, Alam KF, Al Mamun A, Paul RC, Rahman M, Iuliano AD, Sturm-Ramirez K, Parashar U, Luby SP, Gurley ES. Incidence of acute diarrhea-associated death among children <5 years of age in Bangladesh, 2010-12. *Am J Trop Med Hyg.* 2018 Jan; 98(1): 281-286.
- Harris AR, Islam MA, Unicomb L, Boehm AB, Luby SP, Davis J, Pickering AJ. Fecal contamination on produce from wholesale and retail food markets in Dhaka, Bangladesh. *Am J Trop Med Hyg.* 2018 Jan; 98(1):287-294.
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- Ercumen A, Arnold BF, Naser AM, Unicomb L, Colford JM Jr., Luby SP. Potential sources of bias in the use of *Escherichia coli* to measure waterborne diarrhoea risk in low-income settings. *Trop Med Int Health.* 2017 Jan; 22(1):2-11.

Courses taught

- Making Things Happen in the Real World: Leadership and Implementation
- Practical Approaches to Global Health Research
- Theories of Change in Global Health

Invited talks

- “Water short populations and water short ecosystems: The role of research.” Keynote Talk. University of Oklahoma International Water Conference. Norman, Oklahoma, September 18, 2017.
- “Spectacular Growth of Megacities Requires New Approaches to Water & Sanitation for the Urban Poor” National Academy of Medicine, Washington DC, October 15, 2017

- “WASH Benefits Study results: Promising areas for follow-up” Diarrhea Innovations Group Meeting. Baltimore, November 5, 2017
- “Pandemic/Epidemic Potential of Nipah virus” World Health Organization Nipah Research and Development Roadmap Consultation, London, March 1, 2018
- “Can public health efforts avert imminent human extinction?” Stanley O Foster Memorial Lecture. Emory University. Atlanta. March 19, 2018.
- “Brick Manufacturing and Public Health in Bangladesh” North South University, Dhaka, Bangladesh, August 14, 2018
- “Update on efforts to prevent Nipah infection” National Institutes of Epidemiology, Chennai, India. August 23, 2018

Policy engagement

- *Nipah virus*. Nipah virus is a potentially pandemic and bioterror agent.
 - During 2017/18 I served on a committee convened by the World Health Organization to develop a research and development framework aimed at developing medical countermeasures against Nipah virus outbreaks.
 - I met with government officials in Bangladesh, in India (both at the national level as well as in the state of West Bengal) and Nepal to discuss strategies for improving surveillance and response to Nipah virus infection.
 - When a Nipah outbreak was identified in Kerala state in India, colleagues at the Indian National Institute of Epidemiology, reached out to me for guidance on their outbreak investigation.
 - I’ve been in conversation with two vaccine manufacturers and the government of Bangladesh regarding testing these new vaccines in Bangladesh.
- *Typhoid fever vaccination*. I have been involved in supporting the first public sector introduction of a newly developed typhoid fever vaccine. Increasing antimicrobial resistance is a global threat. Typhoid fever, which caused the death of Leland Stanford Junior, retains the potential to killed previously healthy people. With the advent of modern antibiotics in the middle of the 20th century, the proportion of people infected with typhoid who die has dropped remarkably. Unfortunately, typhoid, like many bacteria, has acquired resistance to nearly all antibiotics used for treatment. In response to a request from the Navi Mumbai Municipal Corporation, I worked with colleagues at the World Health Organization, the Centers for Disease Control and Prevention, the Government of India, the Government of the State of Maharashtra, and city leaders in Navi Mumbai. This summer, more than 110,000 children were vaccinated with the new vaccine. We have collected systematic data to help the Government of India and other at-risk sites leverage this public sector introduction and so be able to use it to guide future decision-making.
- *Lead in Turmeric*. My research group continued its exploration of the widespread adulteration of turmeric with lead chromate. We have mapped the incentives of various stakeholders and analyzed the difficulty with government efforts to address this. We have met with Government of Bangladesh officials, and secured funding to pilot strategies aimed at altering this behavior.

- *WASH Benefits*. A large study that I have been engaged in for over 10 years finally reached the point where we could analyze our primary outcomes. We found, somewhat unexpectedly, that the standard interventions to improve sanitation, drinking water and hygiene did not improve child physical growth. The findings of the study that I led in Bangladesh paralleled similar results from Kenya and Zimbabwe. These findings have substantial impact on how government programs are implemented. We disseminated the results to government stakeholders in Bangladesh. In addition, I have disseminated results at two major fora for practitioners: the Stockholm Water conference and the University of North Carolina water conference. I have co-authored a paper on the policy implications of these results, which is currently under review.

Honors and awards

- Begum Rokeya Sakhawat Hossain Courses taught Excellence Award, James P Grant School of Public Health, BRAC University.
- Appointed chairperson of the steering committee of the Coalition against Typhoid.

ROBERT MACCOUN

Academic publications

- Haffajee, R. L., MacCoun, R. J., & Mello, M. M. (2018). Behind schedule—Reconciling federal and state marijuana policy. *New England Journal of Medicine*.
- MacCoun, R. J. (2018). Enhancing research credibility when replication isn't feasible (invited comment). *Behavioral and Brain Sciences*.
- MacCoun, R. J. (2018). Multiple gateways (invited comment). *Addiction*.
- Humphreys, K., Malenka, R. C., Knutson, B., & MacCoun, R. J. (2017). Brains, environments, and policy responses to addiction. *Science*, 356, 1237-1228.
- MacCoun, R. J. (2017). Computational models of social influence and collective behavior. (pp. 258-280). In R. R. Vallacher, S. J. Read, & A. Nowak (Eds.), *Computational models in social psychology*. New York: Psychology Press.
- Sah, S., Tannenbaum, D., Cleary, H., Feldman, Y., Glaser, J., Lerman, A., MacCoun, R., Maguire, E., Slovic, P., Spellman, B., Spohn, C., Winship, C. (2017). Combatting biased decision making and promoting justice and equal treatment. *Behavioral Science & Policy*, 2, 79-87.
- MacCoun, R. J., & Perlmutter, S. (2017). Blind analysis as a correction for confirmatory bias in physics and in psychology (pp. 297-322). In S. O. Lilienfeld & I. Waldman (Eds.), *Psychological science under scrutiny: Recent challenges and proposed solutions*. John Wiley and Sons.
- Hughes, C. E., Moxham-Hall, V., Ritter, A., MacCoun, R. J. (2017). The deterrent effects of Australian street-level drug law enforcement on illicit drug offending at outdoor music festivals. *International Journal of Drug Policy*, 41, 91-100.

- Kilmer, B., & MacCoun, R. J. (2017). How medical marijuana smoothed the transition to marijuana legalization in the United States. *Annual Review of Law & Social Science*, 13, 181-202.

Courses taught

- Research Design for Empirical Legal Studies
- Carrots, Sticks, Norms, and Nudges: Changing Minds and Behaviors
- Policy Practicum: California Prop. 64 and Marijuana Policy
- Law and Psychology

Invited talks

- “Challenges of apolitical analysis of politically charged topics.” Stanford Institute on Political Psychology, 23 August 2018, morning session.
- “Politics and science of marijuana legalization.” Stanford Institute on Political Psychology, 23 August 2018, afternoon session.
- “Regulating marijuana to keep it legal.” Fellowship Forum, Palo Alto, CA, 14 August 2018.
- Marijuana policy. Stanford Network on Addiction Policy (SNAP). Stanford Medical School, 30 March 2018.
- “The opioid crisis” (panelist). Stanford Criminal Justice Center, 29 January 2018.
- “Coping with rapidly changing standards and practices in the behavioral sciences.”
 - Center for Study of Law and Society, UC Berkeley, 26 February 2018.
 - Social Psychology colloquium, Claremont Graduate University, Claremont CA, 23 January 2018.
 - Harvard Empirical Legal Studies Series, Harvard Law School, Cambridge MA, 13 November 2017.
- “Why viewpoint diversity matters: A social-psychological perspective.”
 - The Association of American Law Schools Annual Meeting, San Diego, 6 January 2018.
 - Rock Center symposium, Stanford Law School, 5 December 2017.
 - “Legalization without illusions.” VA Palo Alto Health Care System, “A Day on Cannabis: Policy, Treatment, and Clinical Implications,” 15 June 2017.
- “Learning from blinded data analysis in physics.” Invited presentation, Annual Meeting of the Association for Psychological Science, Boston, 27 May 2017.
- “Psychological and sociological motivations and challenges for blind analysis”. Invited keynote address, Conference on Blind Analysis, Kavli Institute for Particle Physics and Cosmology and SLAC National Accelerator Laboratory, Stanford CA, 14 March 2017.

Policy engagement

- MacCoun, R. J. (2017, January 11). Drug control challenges for the next ‘drug czar’. *Medium.com*

- 2017: Co-signer, Brief amici curiae of 44 election law, scientific evidence, and empirical legal scholars in support of appellees, *Gill et al. v. Whitford et al.*, U.S. District Court for the Western District of Wisconsin (on partisan gerrymandering)

Honors and awards

- 2015-present: Board of Directors, Society for Empirical Legal Studies
- 2018-present: Named as Editor of the *Annual Review of Law & Social Science*.
- Named as Co-Chair for Research for Stanford's Long-Range Planning exercise.

BEATRIZ MAGALONI

Academic publications

- "Public Good Provision and Traditional Governance in Indigenous Communities in Oaxaca, Mexico" (forthcoming) in *Comparative Political Studies* (with Alberto Diaz-Cayeros.)
- "Torture as a Method of Criminal Investigation: the case of Mexico," *Politica y Gobierno* July 2018 (with Ana Laura Magaloni and Zaira Razu)
- "What Works to Prevent Violence Among Youth" A white paper on youth violence, crime prevention and the Mexican context. Academic leadership: Thomas Abt, Christopher Blattman, Beatriz Magaloni and Santiago Tobn. Report Commissioned by USAID to J-PAL-LAC
- "Violent Crime as a Development Challenge: Causes and Menu of Interventions." World Bank
- "Evaluacion de Impacto de Jovenes con Porvenir," con Alberto Diaz-Cayeros y Brenda Jarillo, Mexico Evalua, 2017.
- "Democracy of Massacres: How Political Order Crumbled in Mexico" (with Gustavo Robles) (in progress).
- "Varieties of Social Order Under Criminal Rule: Assessing security effects of Police Interventions in Rio de Janeiro" (with Vanessa Melo, Edgar Franco and Gustavo Robles) (in progress).
- "Torture as an Investigative Technique: Mexico's Inquisitorial Criminal Justice and the consequences of its reform" (with Luis Rodriguez) (in progress).
- "Indigenous Autonomy, Self-Defense Groups and Organized Crime: The Case of Mexico" (with Kristof Gosztonyi and Cesangari Lopez-Martinez) (in progress).
- "Does Socialization Cause Police Violence? The Case of Rio de Janeiro" (with Vanessa Melo and Gustavo Robles) (in progress).
- "Can body-worn Cameras Reduce Police Violence: The Problem of Compliance" (with Gustavo Empinotti, Jon Furszyfer, Vanessa Melo and Gustavo Robles) (in progress).
- "Criminal Governance: Using text automated analysis to map Rio's micro-armed regimes" (with Edgar Franco and Vanessa Melo) (in progress).
- "Strengthening Life Skills for Youth in Places of Violence" (with Veriene Melo, Vanessa Melo and Sofia MacGregor) (in progress).

- “Out of School and Out of Work: A Quasi-Experimental Evaluation of Youth with Hope in Mexico” (with Alberto Diaz-Cayeros, Brenda Jarillo, and Gustavo Robles) (in progress).

Courses taught

- On sabbatical

Policy engagement

- Affiliate, Center for Effective Global Action (CEGA), University of California
- Member, World Justice Project Rule of Law Research Consortium (RLRC), a community of researchers harnessing diverse approaches to produce research on the rule of law.
- Member, editorial board of *World Development*, 2015-2017
- Member, editorial board of *Politica y Gobierno* 2016-present

Honors, awards and extramural funding

- U.S. Department of State, Principal Investigator, “Police Accountability and Citizen Trust in Mexico,” 2016-19
- Promotion to full professor 2018

MICHAEL MCFAUL

Academic publications

- *From Cold War to Hot Peace: An American Ambassador in Putin’s Russia* (NY, Houghton, Mifflin, Harcourt, 2018)
- “Choosing Autocracy: Revolution, Institutional Inertia, and Actors in the Erosion of Russian Democracy,” *Comparative Politics*, forthcoming
- “Reading Reagan in Tehran: A Strategy of Realistic Engagement” (with Abbas Milani) *The Washington Quarterly*, Vol. 39, No. 4 (Winter 2017), pp. 145-163

Courses taught

- American Foreign Policy: Interests, Values, and Process
- Current Issues in European Security
- US-Russia Relations After the Cold War

Policy engagement

- “Enough is Enough: How to Stop Russia’s Cyber Interference,” *The Washington Post*, September 28, 2017.
- “Cold War Lessons in Coercive Diplomacy for Dealing with North Korea Today,” *Medium*, August 16, 2017.
- “Trump’s Weakness Against Putin is on Display – Again,” *The Washington Post*, August 11, 2017.

- “Why Deciding to ‘Move Forward’ with Putin is a Big Mistake,” The Washington Post, July 10, 2017.
- “What Trump Needs to Read Before Meeting Putin,” The Washington Post, July 3, 2017.
- “Trump has Given Putin the Best Gift he Could ask for,” The Washington Post, May 17, 2017.
- “Is Trump Learning - or Add-Libbing - on Foreign Policy?” The Washington Post, April 28, 2017.
- “The Real Winner of the House Intelligence Committee Hearing on Russia,” The Washington Post, March 23, 2017.
- “Putin Needs to Act Decisively and Right Now,” The Echo of Moscow, February 10, 2017. (In Russian)
- “We can’t let Trump go down Putin’s path,” The Washington Post, February 6, 2017.
- A 'City on a Hill' as a Fortress in a Moat: The Notion that One Form of Prejudice Can Defeat Another is an Illusion, (With Abbas Milani and Larry Diamond) The Atlantic, February 3, 2017
- “How Trump Can Play Nice with Russia, Without Selling Out America,” Foreign Policy, January 6, 2017.
- “Shaping and Constraining the Next Administration’s Foreign Policy Agenda,” Medium, December 8, 2016
- “How to Counter the Putin Playbook,” The New York Times, July 30, 2016.
- “How to Rescue Egypt,” (with Amr Hamzawy), The Washington Post, January 28, 2016.
- “Can America and Russia Cooperate in Syria?” The Moscow Times, January 6, 2016.
- “Ambassador Michael McFaul discusses Russia and Vladimir Putin,” Council of American Ambassadors’ CAALive! Podcast, August 16, 2017
- “How Putin will try to manipulate Trump at their G20 meeting,” The Rachel Maddow Show, July 2017
- “Trump needs diplomacy strategy, ‘Not just a tweet,’” Meet the Press, July 2017
- “Of Russia with Love,” Pod Save the World, March 2017
- “What kind of threat does Russia pose to the U.S.?” PBS NEWSHOUR, Jan. 2017
- “Will US retaliate against Russia for election hack?” MSNBC, December 2016
- “Examining Donald Trump's Praise for Vladimir Putin,” MSNBC, Sept. 2016
- “U.S. Policy Towards Putin’s Russia,” U.S. House Foreign Affairs Committee, June 14 2016.

Honors and awards

- Weidenbaum Center Award for Excellence, Weidenbaum Center on the Economy, Government, and Public Policy, Washington University-St. Louis, May 5, 2016.

ROSAMOND NAYLOR

Academic publications

- Byerlee, D., Falcon, W., Naylor, R. 2017. *The Tropical Oil Crop Revolution: Food, Feed, Fuel, and Forests*. Oxford University Press.
- Cao, L., Naylor, R. et al. January 2017. Opportunity for marine fisheries reform in China. *Proceedings of the National Academy of Sciences of the United States of America*.
- Burney, J., Naylor, R., Alaofè, H., Taren, D. January 2017. "Prevalence of anemia, deficiencies of iron and vitamin A and their determinants in rural women and young children: a cross-sectional study in Kalalé district of northern Benin." *Public Health Nutrition*.
- Alaofe, H, Burney, J., Naylor, R., and Taren, D. April 2017. "Association between women's empowerment and maternal and child nutrition in Kalalé district of northern Benin." *Food and Nutrition Bulletin*.
- Naylor, R. Higgins, M. May 2017. "The political economy of biodiesel in an era of low oil prices." *Renewable and Sustainable Energy Review*.
- Burney, J., Alaofe, H, Naylor, R., and Taren, D. (2017). Impact of a rural solar electrification project on the level and structure of women's empowerment. *Energy Research Letters* (July).
- Ordway, E. M., Naylor, R. L., Nkongho, R. N., and E. F. Lambin. (2017). Oil palm expansion in Africa: insights into sustainability opportunities and challenges in Africa. *Global Environmental Change*, vol. 47.
- Naylor, R. L. and M. M. Higgins. (2017). The rise in global biodiesel production: implications for food security. *Journal of Global Food Security* (November)
- Naylor, R. L. (2018). The elusive goal of food security. *Current History* (January)
- Wang, B., Cao, L., Fringer, O. B., Micheli, F., and R. Naylor. (2018). The effects of intensive aquaculture on residence time and nutrient transport in a coastal embayment, *Environmental Fluid Mechanics* May: DOI: 10.1007/s10652-018-9595-7
- Tigchelaar, M., Battisti, D. S., Naylor, R. L., and D. K. Ray (2018). Future warming increases global maize yield variability with implications for food markets, *Proceedings of the National Academy of Sciences (PNAS)* (June 11)
- Deutsch, C.A., Tewksbury, J.J., Tigchelaar, M., Battisti, D.S., Merrill, S., Huey, R.B., and R.L. Naylor (2018). Insect metabolic and population growth rates predict increasing crop pest pressure under climate warming, *Science*, vol. 361, issue 6405 (August 31). DOI: 10.1126/science.aat3466
- Naylor, R. L., Higgins, M. M., Edwards, R. B., and W. P. Falcon (2018). Decentralization and the environment: assessing smallholder oil palm development in Indonesia (submitted, under revise/resubmit review with *AMBIO*)
- Ordway, E. M., Naylor, R. L., Nkongho, R. N., and E. F. Lambin (2018). Oil palm expansion at the expense of forests in Southwest Cameroon associated with proliferation of informal mills (submitted, under revise/resubmit review with *Nature Communications*)

Courses taught

- Food and Security
- World Food Economy
- Human Society and Environmental Change
- Why Are Scientists Engineering Our Food? Crop Genetic Improvement and Sustainable Agriculture

Invited talks

- February 23, 2017: Roz Naylor presented "Climate and Food Security: A Theme on Variations" at the Montana State Earth Sciences Seminar.
- April 18, 2017: Roz Naylor spoke at the 11th Annual Nelson Institute Earth Day Conference at the University of Wisconsin-Madison.
- April 19, 2017: Roz Naylor delivered the 8th Annual Len Robock Lecture at the University of Wisconsin-Madison entitled "Bridging the Divide Between Food Security and Nutrition Security: Can a world of 9 billion be well fed?"
- April 25, 2017: Roz Naylor spoke at the Stanford Earth Matters SF alumni event at the California Academy of Sciences.
- August 5, 2017: Roz Naylor spoke at the Ecological Society of America annual meeting presenting "A sea-change in aquaculture and marine ecosystems."
- October 20, 2017: Roz Naylor spoke on a marine conservation panel at a Pew Marine Fellows meeting in Valparaiso, Chile.
- January 10, 2018: Roz Naylor presented "Food, Conflict and Climate: Feeding the World in an Era of Rising Instability," World Affairs Council Peninsula Chapter.
- July 31, 2018: Roz Naylor gave the Walter Orr Roberts keynote lecture at the Keystone Policy Center on "Food Security in the 21st Century: New Thinking on an Age-Old Problem".

Policy engagement

- Published "Aquaculture and Global Food Security" brief advising the National Oceanic and Atmospheric Administration to enact efficient, equitable and environmentally sound policies.
- In July 2017 Roz Naylor and Walter Falcon held wide-ranging discussions about their oil-palm research with officials at the Indonesian Embassy. Indonesia is the world's largest producer of crude palm oil (CPO).
- In January-February 2018, Roz Naylor and Walter Falcon visited Indonesia and had policy discussions with top officials at the Ministries of Finance, Planning, Villages, Forestry, and Agriculture about incentive structures to reduce the use of fires for oil palm expansion, particularly among smallholder producers. They also met with leaders at the Crude Palm Oil Fund, the World Bank (Jakarta), and several private companies and NGOs in the oil palm arena. Naylor's work with her FSE/Indonesian team on incentive structures to reduce fires associated with oil palm is centered in the Indonesian Vice President's office and will run for 2-3 years.

JEAN OI

Academic publications

- *Challenges in the Process of China's Urbanization*, co-edited with Karen Eggleston and Yiming Wang. Brookings Institution, forthcoming 2017.
- *Zouping Revisited: Adaptive Governance in a Chinese County*, co-edited with Steven Goldstein. Stanford University Press, 2018.
- “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.
- “Institutional Challenges in Providing Affordable Housing in the People’s Republic of China,” with Niny Khor in *Challenges in the Process of China’s Urbanization*, edited with Karen Eggleston and Yiming Wang (Brookings Institution APARC Series, 2017).

Courses taught

- Political Economy of Reform in China
- Topics in Chinese Politics
- Chinese Politics: The Transformation and the Era of Reform

Invited talks

- Stanford University, APARC Stanford China Program, “The Past and Future of Central-Local Relations,” Presentation for the China Program 10th Anniversary Conference on China’s Possible Futures, May 12, 2017.
- National University of Singapore, “Unpacking Local Government Debt in China,” EAI Distinguished Public Lecture, 15 February 2017
- Singapore Management University, School of Social Sciences, “Local Government Debt in China,” 13 February 2017.

DAVID RELMAN

Academic publications

- Hemingway C, Berk M, Anderson ST, Wright VJ, Hamilton S, Eleftherohorinou H, Kaforou M, Goldgof GM, Hickman K, Kampmann B, Schoeman J, Eley B, Beatty D, Pienaar S, Nicol MP, Griffiths MJ, Waddell SJ, Newton SM, Coin LJ, Relman DA, Montana G, Levin M. Childhood tuberculosis is associated with decreased abundance of T cell gene transcripts and impaired T cell function. *PLoS One* 2017; 12:e0185973. PMC5687722
- Dudek NK, Sun CL, Burstein D, Kantor RS, Aliaga Goltsman DS, Bik EM, Thomas BC, Banfield JF, Relman DA. Novel microbial diversity and functional potential in the marine mammal oral microbiome. *Curr Biol* 2017; 27:3752-62.

- Proctor DM, Fukuyama JA, Loomer PM, Armitage GC, Lee SA, Davis NM, Ryder MI, Holmes SP, Relman DA. A spatial gradient of bacterial diversity in the human oral cavity shaped by salivary flow. *Nature Communications* 2018; 9:681. PMC5813034
- Alsan M, Kammili N, Lakshmi J, Xing A, Khan A, Rani M, Kolli P, Relman DA, Owens DK. Poverty and community-acquired antimicrobial resistance with extended-spectrum β -lactamase-producing organisms, Hyderabad, India. *Emerg Infect Dis* 2018; 24:1490-96. PMC6056104
- Popper SJ, Strouts FR, Lindow JC, Cheng HK, Montoya M, Balmaseda A, Durbin AP, Whitehead SS, Harris E, Kirkpatrick BD, Relman DA. Early transcriptional responses after dengue vaccination mirror the response to natural infection and predict neutralizing antibody titers. *J Infect Dis* 2018; Jul 14. doi: 10.1093/infdis/jiy434.
- Costea P, Hildebrand F, Arumugam M, Backhed F, Blaser M, Bushman F, de Vos W, Ehrlich SD, Fraser C, Hattori M, Huttenhower C, Jeffrey I, Knights D, Lewis J, Ley R, Ochman H, O'Toole P, Quince C, Relman D, Shanahan F, Sunagawa S, Wang J, Weinstock G, Wu G, Zeller G, Zhao L, Raes J, Knight R, Bork P. Enterotypes in the landscape of gut microbial community composition. *Nature Microbiology* 2018; 3:8-16.
- Goltsman DSA, Sun CL, Proctor DM, DiGiulio DB, Robaczewska A, Thomas BC, Shaw GM, Stevenson DK, Holmes SP, Banfield JF, Relman DA. Metagenomic analysis with strain-level resolution reveals fine-scale variation in the human pregnancy microbiome. *Genome Res* 2018; in press.

Courses taught

- Epidemic Intelligence: How to identify, investigate and interrupt outbreaks of disease
- Molecular Foundations
- Viruses in the News

Invited talks

- Plenary Speaker, Individualizing Medicine Conference 2017, Mayo Clinic, Rochester, MN, 2017
- Co-organizer and moderator, Assessing Security Implications of Genome Editing, NAS/IAP/German Academy of Sciences, Hanover, Germany, 2017
- Invited Speaker, Radboud Frontiers Symposium on Microbiome, Nijmegen, The Netherlands, 2017
- Co-organizer and speaker, 116th International Titisee Conference: From Pathogen Evolution to Microbiome Dynamics, Titisee, Germany, 2017
- Invited Speaker, EMBL-Stanford Personalized Health Conference, Stanford, CA, 2017
- Invited Speaker, Global Security Forum 2017, Center for Strategic & International Studies, Washington, DC, 2017
- Noblis Technology Speaker Series, Noblis Corporation, Reston, VA, 2017
- Opening Speaker, US-China National Academies of Science Workshop, Galveston, TX, 2018
- Seminar Speaker, Center for Women's Infectious Diseases Research and Center for Reproductive Health, Washington University School of Medicine, St. Louis, MO, 2018

- Invited Speaker, India-US Strategic Dialogue on Biosecurity, New Delhi, India, 2018
- Invited Speaker, Intelligence Project, Belfer Center, Harvard Kennedy School of Government, Cambridge, MA, 2018
- Ernest E. Just Lecture, Medical University of South Carolina, Charleston, SC, 2018
- Plenary Lecturer, 18th International Congress on Infectious Diseases, Buenos Aires, Argentina, 2018
- Ethics Grand Rounds, Program in Ethics in Science and Medicine, University of Texas Southwestern Medical Center, Dallas, TX, 2018
- Jackson Society Medical Grand Rounds Speaker, Massachusetts General Hospital, Boston, MA, 2018
- Distinguished Faculty Lectureship in Infectious Diseases, Medical College of Wisconsin, Milwaukee, WI, 2018
- Discussion Panel Speaker, World Science Festival, New York, NY, 2018
- Presidential Symposium Lecture, 51st Annual Meeting of the Society for the Study of Reproduction, New Orleans, LA, 2018
- Keynote Speaker, Meeting of the Governing Board, National Academies of Science, Engineering and Medicine, Woods Hole, MA, 2018

Policy engagement

- Steering Committee for National Academies Keck Futures Initiative on Deep Ocean Science, 2018
- Chair, Board of Scientific Counselors, National Center for Biotechnology Information, NIH, 2018
- Intelligence Community Studies Board, National Academies of Sciences, Engineering, and Medicine, 2018
- Intelligence Science and Technology Experts Group, National Academies of Sciences, Engineering, and Medicine, 2018
- Senior Advisory Group, NTI-Bio Initiative, Nuclear Threat Initiative, Washington, DC, 2018
- Senior Expert Group, Commission on Health Security, Center for Strategic and International Studies, Washington, DC, 2018

SCOTT ROZELLE

Academic publications

- Bai, Yu, Linxiu Zhang, Chengfang Liu, Yaojiang Shi, Di Mo and Scott Rozelle. "Effect of Parental Migration on the Academic Performance of Left-behind Children in Northwestern China" *Journal of Development Studies*. 2018. Vol. 54, Issue 7: 1154-1170.
- Bai, Yunli, Linxiu Zhang, Hongmei Yi, Limin Zheng and Scott Rozelle. 2017. "The Impact of an Academic High School Tuition Relief Program on Students' Matriculation into High Schools in Rural China." *China Economic Review*. 2017. Vol. 43: 16-28.

- Chang Fang, Huan Wang, Liu Qilin, He Xinyue, Wang Nan. "A Study on the Effects of a Nutrition Information Intervention on the Health of Students from Rural Primary Schools: Based on the Application of Instrumental Variables in Randomized Intervention Trials." *Studies in Labor Economics*. 2017. Volume 5, Issue 3: 64-84.
- Fuwa, Nobuhiko, Yuya Kudo, Otsuka, Keijiro, Jacque-Francois Thisse and Scott Rozelle. "Revisiting the Role of Human Capital in Development: Discussion." *Developing Economies*. June 2018. Vol. 56, Issue 2: 140-144.
- Gao, Qiufeng, Huan Wang, Di Mo, Yaojiang Shi, Kaleigh Kenny, and Scott Rozelle. "Can Reading Programs Improve Reading Skills and Academic Performance in Rural China." *China Economic Review*, (2018).
- Gao, Q., Shi, Y., Mo, D., Nie, J., Yang, M., Rozelle, S and Sylvia, S. "Medical waste management in three areas of rural china." *PLoS One*. 2018. Vol. 13, Issue 7.
- Guan, Hongyu, Huan Wang, Juerong Huang, Kang Du, Jin Zhao, Matthew Boswell, Yaojiang Shi, Mony Iyer and Scott Rozelle. "Health seeking behavior among rural left-behind children: evidence from Shaanxi and Gansu Provinces in China." *International Journal of Environmental Research and Public Health*. 2018. Vol. 15, Issue 5.
- Li, Fan, Yaojiang Shi, Matthew Boswell and Scott Rozelle. "Craft beer in China." In *Economic Perspectives on Craft Beer*. 2018. Palgrave Macmillan: pp. 457-484.
- Li, Fan, Yingquan Song, Hongmei Yi, Jianguo Wei, Linxiu Zhang, Yaojiang Shi, James Chu, Natalie Johnson, Prashant Loyalka and Scott Rozelle. "The impact of conditional cash transfers on the matriculation of junior high school students into rural China's high schools." *Journal of Development Effectiveness*. 2017. Vol. 9, Issue 1: 1-20.
- Li, Lili, Lei Huang, Yaojiang Shi, Renfu Luo, Meredith Yang and Scott Rozelle. "Anemia and student's educational performance in rural Central China: Prevalence, correlates and impacts." *China Economic Review*. Forthcoming.
- Liu, Chengfang, Louise Lu, Linxiu Zhang, Renfu Luo, Sean Sylvia, Alexis Medina, Scott Rozelle, Darwin Scott Smith, Yingdan Chen and Tingjun Zhu. "Effect of Deworming on Indices of Health, Cognition, and Education among Schoolchildren in Rural China: A Cluster-Randomized Controlled Trial." *American Journal of Tropical Medicine and Hygiene*. 2017. Vol. 96, Issue 6: 1478-1489.
- Liu, Chengfang, Louise Lu, Linxiu Zhang, Yu Bai, Alexis Medina, Rozelle Scott, Darwin Smith, Changhai Zhou, Wei Zang. "More Poop, More Precision: Improving epidemiologic surveillance of soil-transmitted helminths with multiple fecal sampling using the Kato-Katz technique." *American Journal of Tropical Medicine and Hygiene*. 2017. Vol. 97, Issue 3: 870-875.
- Luo, Renfu, Fang Jia, Ai Yue, Linxiu Zhang, Qijia Lyu, Yaojiang Shi, Meredith Yang, Alexis Medina, Sarah Kotb and Scott Rozelle. "Passive parenting and its Association with Early Child Development." *Early Child Development and Care*. November 2017. .
- Luo, Renfu, Ai Yue, Huan Zhou, Yaojiang Shi, Linxiu Zhang, Reynaldo Martorell, Alexis Medina, Scott Rozelle and Sean Sylvia. 2017. "The effect of a micronutrient powder home fortification program on anemia and cognitive outcomes among young children in rural China: a cluster randomized trial." *BMC Public Health*. 2017. Vol. 17, 738.

- Ma, Yue, Nathan Congdon, Yaojiang Shi, Ruth Hogg, Alexis Medina, Matthew Boswell, Scott Rozelle and Mony Iyer. "Effect of a Local Vision Care Center on Eyeglasses Use and School Performance in Rural China: A Cluster Randomized Clinical Trial." *JAMA Ophthalmology*. 2018. Vol. 136, Issue 7: 731-737.
- Openshaw JJ, Medina A, Felt S, Li T, Zhou H, Rozelle S and Luby S. "Prevalence and risk factors for *Taenia solium* cysticercosis in school-aged children: A school based study in western Sichuan, People's Republic of China." *PLoS Neglected Tropical Diseases*. 2018. Vol. 12, Issue 5.
- Otsuka, Keijiro, Yuya Kudo and Scott Rozelle. "Introduction to the Special Issue on Revisiting the Role of Human Capital in Development." *Developing Economies*. June 2018. Vol. 56, Issue 2: 78-81.
- Sylvia, Sean, Hao Xue, Chengchao Zhou, Yaojiang Shi, Hongmei Yi, Huan Zhou, Scott Rozelle, Madhukar Pai and Jishnu Das. "Tuberculosis Detection and the Challenges of Integrated Care in Rural China: A Cross-sectional Standardized Patient Study." *PLoS Medicine*. 2018. Vol. 14, Issue 10.
- Wang, Huan, Yaojiang Shi, Qiran Zhao, Matthew Boswell and Scott Rozelle. "Can School Feeding Programs Reduce Malnutrition in Rural China?" *Journal of School Health*. Forthcoming.
- Wang, Huan, Yaojiang Shi, Qiran Zhao, Matthew Boswell, Scott Rozelle. "Can School Feeding Programs Reduce Malnutrition in Rural China?" *Journal of School Health*. Forthcoming.
- Wang, Huan, Yaojiang Shi, Aiqin Wang, Prashant Loyalka, Scott Rozelle, James Chu. "Measuring teacher discrimination against low performance student in rural China" *China Economic Quarterly*, Vol 16, no. 3 (2017): 997-1010. (in Chinese)
- Wang, Lei and Scott Rozelle. "Ethnicity and MCH Outcomes: Widening Gaps across Time and Space." *The Lancet Global Health*. November 16, 2017. Vol. 6, Issue. 1.
- Wang, Lei, Mengjie Li, Siqi Zhang, Yonglei Sun, Sean Sylvia, Enyan Yang, Guangrong Ma, Liuxiu Zhang, Di Mo and Scott Rozelle. "Contract teachers and student achievement in rural China: evidence from class fixed effects." *Australian Journal of Agricultural and Resource Economics*. April 2018. Vol. 62, Issue 2: 299-322.
- Wang, Lei, Wenbin Min, Siqi Zhang, Yaojiang Shi and Scott Rozelle. "Math and Chinese language learning: Where are China's vulnerable subpopulations?" *Asian Survey*. Forthcoming.
- Wang, Lei, Mengjie Li, Cody Abbey and Scott Rozelle. "Human Capital and the Middle-Income Trap: How Many of China's Youth are Going to High School?" *Developing Economies*. June 2018. Vol. 56, Issue 2: 82-103
- Wang, Xiaobing, Renfu Luo, Linxiu Zhang and Scott Rozelle. "The Education Gap of China's Migrant Children and Rural Counterparts." *Journal of Development Studies*. 2017. Vol. 53, Issue 11: 1-17.
- Wang, Xiaobing, Futoshi Yamauchi, Jikun Huang and Scott Rozelle. "What constrains mechanization in Chinese agriculture? Roles of farm size and fragmentations." *China Economic Review*. Forthcoming.

- Wang, Xiaobing, Yu Bai, Linxiu Zhang, Scott Rozelle. "Migration, schooling choice and student outcomes in China." *Population and Development Review*. 2017. Vol. 43, Issue 4: 625-643.
- Wang, Xiaobing, Jikun Huang and Scott Rozelle. "Off-farm employment and agricultural specialization in China." *China Economic Review*. 2017. Vol. 42: 155-165.
- Wang, Xiuqin, Nathan Congdon, Yue Ma, Min Hu, Yuan Zhou, Weiqi Liao, Ling Jin, Baixiang Xiao, Xiaoyi Wu, Ming Ni, Hongmei Yi, Yiwen Huang, Beatrice Varga, Hong Zhang, Yongkang Cun, Xianshun Li, Luhua Yang, Chaoguang Liang, Wan Huang, Scott Rozelle, Xiaochen Ma. "Cluster-Randomized Controlled Trial of the Effects of Free Glasses on Purchase of Children's Glasses in China: the PRICE (Potentiating Rural Investment in Children's Eyecare) Study." *PLoS ONE*. 2018. Vol. 12, Issue 11.
- Wang, Xu, Renfu Luo, Chengfang Liu, Linxiu Zhang, Ai Yue, Alexis Medina and Scott Rozelle. "Using Daily Text Messages to Improve Adherence to Infant Micronutrient Powder (MNP) Packets in Rural Western China: A Cluster-Randomized Controlled Trial." *PLoS ONE*. 2018. Vol. 13, Issue 1.
- Wong, Ho Lun, Yu Wang, Renfu Luo, Linxiu Zhang and Scott Rozelle. "Local governance and the quality of local infrastructure: Evidence from village road projects in rural China." *Journal of Public Economics*. 2017. Vol. 152: 119-132.
- Yi, Hongmei, Huan Wang, Cody Abbey and Scott Rozelle. "'Do Resources Matter? Effects of an In-Class Library Project on Student Independent Reading Habits in Primary Schools in Rural China.'" *Reading Research Quarterly*. Forthcoming.
- Yue, Ai, Xiaohong Wang, Sha Yang, Yaojiang Shi, Renfu Luo, Qi Zhang, Kaleigh Kenny and Scott Rozelle. "The relationship between infant peer interactions and cognitive development: Evidence from rural China," *Chinese Journal of Sociology*. 2017. Vol. 3, Issue 2: 193-207.
- Yue, Ai, Yaojiang Shi, Renfu Luo, Jamie Chen, James Garth, Jimmy Zhang, Alexis Medina, Sarah Kotb and Scott Rozelle. "China's Invisible Crisis: Cognitive Delays among Rural Toddlers and the Absence of Modern Parenting." *The China Journal*. 2017. Vol. 78, Issue 1: 50-80.
- Yue, Ai, Yaojiang Shi, Renfu Luo, Linxiu Zhang, Natalie Johnson, Scott Rozelle and Qiran Zhao. "The impact of investment on drinking water quality in rural China", *China Agricultural Economic Review*. 2017. Vol. 9, Issue 2: 255-269.
- Yue, Ai, Zhang N, Liu X, Tang L, Luo R, Yang M, Rozelle S and Medina A. "Differences in feeding practices between rural mothers and grandmothers." *Family & Community Health*. 2018. Vol. 41, Issue 4: 233-243.

Invited talks

- Workshop in the Center for Strategic and International Studies, Washington DC, September 2017
- Talk in the plenary session for International Conference on ECD in Guizhou Province, China, September 2017
- Organized Board Meeting for OneSight Foundation for Vision in China Project, Xi'an, September 2017

- Talk to Institute for Developing Economies, Tokyo, Japan, October 2017.
- Talk to FACES group, Stanford University, October 2017.
- University-wide seminar to Renmin University, November 2017.
- Talk to the Yearend CaiXin Forum, November 2017.
- Talk to the China International Education Forum, December 2017.
- Talk to Shenzhen University, Shenzhen, December 2017.
- Talk at University of Pennsylvania, February 2018.
- Talk at University of Madrid (Autonomous University), February 2018.
- Talk in Philanthropy and Social Enterprise in Beijing, March 2018.
- Plenary talk at University of Southern California, Los Angeles, April 2018.
- Plenary talk in Education Conference, Columbia University, New York, April 2018.
- Keynote speech to Chinese philanthropy group, SOAR, Sunnyvale, April 2018.
- Dinner talk to Chinese philanthropy group, Shinshin, Stanford, April 2018.
- Plenary talk to the Wageningen University Annual Development Conference, Netherlands, April 2018.
- Plenary speech to Xiamen University Annual Economics Conference, Xiamen, China, April 2018.
- Keynote speech to Chinese philanthropy group, OCYF, San Diego, May 2018.
- Keynote speech to Chinese philanthropy group, Shinshin, Palo Alto, May 2018.
- Plenary talk at the Annual Conference of the International Consortium on Applied Bioeconomy, Washington DC, June 2018.
- Plenary talk at the Annual Meeting of the Chinese Economic Society, Hefei, Anhui, China, June 2018.
- Opening talk and discussion, 2018 REAP Internship Meeting, Xi'an, China, June 2018.
- Discussion and Talk at the 2018 International Agricultural Economics Association Conference, Vancouver, July 2018.
- Talk and Discussion with Group of Visitors to Stanford from Guangdong Province (high level officials), Stanford University, August 2018.
- Talk at the SCPKU-hosted China Stanford Alumni Meeting, Beijing, September 2018.
- Seminar, University of San Francisco's School of Econ Development, Sept 2018

Policy engagement

- *Stanford News*. "Reducing tapeworm infection could improve academic performance, reduce poverty, Stanford research suggests" May 14, 2018
- *South China Morning Post*. "Left-behind children a poignant reminder of the cost of China's development" May 26, 2018
- *National Geographic Magazine*. "How China Plans to Feed 1.4 Billion Growing Appetites." February 14, 2018
- *South China's Morning Post*. "China's Invisible Problems: A Story of Rural Education and Health," [in Chinese] January 29, 2018.
- *Bloomberg*. "China's Top Economic Risk: Education." November 19, 2017.

SCOTT SAGAN

Academic publications

- *New Dilemmas in Ethics, Technology, and War: The Changing Rules of War, Vol. 2, Daedalus Special Issue* (Winter 2017), (MIT Press).
- *Insider Threats*, co-edited with Matthew Bunn, (Cornell University Press, 2017).
- “Revisiting Hiroshima in Iran: What Americans Really Think about Using Nuclear Weapons and Killing Noncombatants,” co-authored with Benjamin Valentino, *International Security*, Vol. 42, No. 1 (Summer 2017), pp. 41-79.
- “The nuclear weapons ban treaty: Opportunities lost,” co-authored with Benjamin Valentino, *The Bulletin of Atomic Scientists*, July 16, 2017.
- “The Face of Battle without the Rules of War: Lessons from Red Horse & the Battle of Little Bighorn,” *Daedalus Special Issue: The Changing Rules of War*, Vol. 146, No. 1 (Winter 2017), pp. 24-43.
- “The Changing Rules of War,” *Daedalus Special Issue: The Changing Rules of War*, Vol. 146, No. 1 (Winter 2017), pp. 6-10.
- “The Nuclear Necessity Principle: Making U.S. Targeting Policy Conform with Ethics & the Laws of War,” co-authored with Jeffrey G. Lewis, *Daedalus Special Issue: Ethics, Technology, and War*, Vol. 145, No. 4 (Fall 2016), pp. 62-74.

Courses taught

- Rules of War
- International Security in a Changing World
- Nuclear Politics
- Sophomore College: Face of Battle

Invited talks

- “Promoting Nuclear Nonproliferation”: invited keynote address at the 2018 KAIST NEREC Conference on Nuclear Nonproliferation, Seoul, South Korea, August 9th, 2018
- “Command & Control: The tradeoff between security and safety, contemporary understandings and fear” invited lecture at the National Endowment for the Humanities (NEH) Summer Institute: The Cold War Through the Collections of the Intrepid Museum, NY, USA, July 26th, 2018
- “The Korean Missile Crisis: Avoiding the Cliffs at the Edge of the Summit”: invited lecture, World Affairs Council, San Francisco, USA, June 4th, 2018
- “The Korean Missile Crisis: Avoiding the Cliffs at the Edge of the Summit”: invited lecture at the Blavatnik School of Government, Oxford University, United Kingdom, May 25th, 2018
- “Revisiting Hiroshima in Iran – What Americans Really Think about Using Weapons and Killing Non-Combatants” presented at “Security, Peace, & Conflict Workshop: Scott Sagan”, Robert R. Wilson Lecture Series, Duke University, NC, USA, April 12th, 2018

- “Revisiting Hiroshima in Iran: What the Public Really Thinks about Using Nuclear Weapons and Killing Non-Combatants”: invited lecture for the 9th Annual Kenneth N. Waltz Lecture in International Relations, Columbia University, NY, USA, April 11th, 2018
- “Atomic Attraction: A Cross-National Experiment” presented at “Attitudes Towards Violence and Their Implications for Military Strategy” session, International Studies Association (ISA) Annual Meeting, San Francisco, USA, April 7th, 2018
- “Objects of Wonder: The Face of Battle without the Rules of War”: invited lecture at the National Museum of Natural History, sponsored by the American Academy of Arts and Science (AAAS) and The Smithsonian, Washington D.C., USA, December 5th, 2017
- “The Korean Missile Crisis: Why deterrence is still the best option”: invited lecture, Vienna Center for Disarmament and Non-Proliferation (VCDNP), Vienna, Austria, November 28th, 2017
- “Revisiting Hiroshima in Iran – What Americans Really Think about Using Weapons and Killing Noncombatants”: invited lecture for the Heinz Gärtner-Lecture of the OIIP, University of Vienna, Vienna, Austria, November 27th, 2017
- “The Korean Missile Crisis: Why deterrence is still the best option”: invited as the John Fee Memorial Lecture, The Australian National University (ANU), Australia, November 9th, 2017
- “Revisiting Hiroshima in Iran”: invited lecture at the Conference of the International Society for Military Ethics: Asia-Pacific Chapter, UNSW Australian Defence Force Academy (ADFA), Australia, November 8th, 2017
- Kirtland Air Force Base, May 17-18, 2017- PPNT Boot Camp, Institute on Global Conflict and Cooperation, July 2017
- United States Air Force Academy, April 24-25, 2017
- UNDPKO, New Dilemmas in Ethics, Technology, and War, February 22, 2017
- Royal Institute for International Affairs, December 1, 2016
- SOAS University of London, December 1, 2016
- Oxford, November 30, 2016
- NATO Headquarters, November 28, 2016
- International Peace Institute: "Recapturing the Spirit of the Reykjavik Summit," October 11-12, 2016
- "Hiroshima for Global Peace" Plan Promotion Committee Meeting and Hiroshima Roundtable, August 25-30, 2016
- Korea Institute of Nuclear Nonproliferation (KINAC) Seminar and 2016 NEREC Conference on Nuclear Nonproliferation, August 3- August 5, 2016

Policy engagement

- “The Korean Missile Crisis: Why Deterrence Is Still the Best Option,” *Foreign Affairs* (November/December 2017)
- “The common-sense fix that American nuclear policy needs,” co-authored with Jeffrey G. Lewis, *The Washington Post*, August 24, 2016. “A Real War Story, in Drawings,” *The New York Times*, June 19, 2016.

- “A Real War Story, in Drawings,” *The New York Times*, June 18, 2016.
- “Atomic Attraction,” co-authored with Benjamin A. Valentino, *The Indian Express*, June 3, 2016.
- “After Hiroshima,” *Kyodo News Service*, May 27, 2016. (Published in 11 Japanese newspapers)
- “Would the U.S. Drop the Bomb Again?” co-authored with Benjamin A. Valentino, *The Wall Street Journal*, May 21-22, 2016.

KENNETH SCHEVE

Academic publications

- “Inequality and Redistribution Behavior in a Give-or-Take Game” (with Michael Bechtel and Roman Liesch). *Proceedings of the National Academy of Sciences*. 2018.
- “Who Cooperates? Reciprocity and the Causal Effect of Expected Cooperation in Representative Samples” (with Michael Bechtel). *Journal of Experimental Political Science* 4:206-228. 2017.
- “Interests, Norms, and Support for the Provision of Global Public Goods: The Case of Climate Cooperation” (with Michael Bechtel and Federica Genovese). *British Journal of Political Science*. 2017.
- “The Structure of American Income Tax Policy Preferences” (with Cameron Ballard-Rosa and Lucy Martin). *Journal of Politics* Vol. 79 No. 1 (January):1-16. 2017.
- “Wealth Inequality and Democracy” (with David Stasavage). *Annual Review of Political Science* 20:24.1-24.18. 2017.

Courses taught

- Political Methodology
- Governing the Global Economy
- International Relations Theory

Invited talks

- Association for Psychological Science 2018, Invited Talk, The Psychology of Inequality, 2018
- Washington University, St. Louis, Comparative Politics Seminar, 2018
- University of Pennsylvania, Browne Center International Relations Seminar, 2018
- Harvard University, Harvard Inequality Seminar, 2017
- European University Institute, Workshop on the Political Economy of Taxation, 2017
- European University Institute, Schuman Centre Seminar, 2017
- Princeton University, Electoral Realignment in Advanced Democracies, 2017
- ETH Zurich, Center for Comparative and International Studies Faculty Colloquium, 2017
- University of Konstanz, Political Science Faculty Colloquium, 2017
- Political Economy of International Finance, Harvard University, 2017

- London School of Economics, Political Economy Seminar, 2017
- University Warwick, Political Economy Seminar, 2017
- University of Colorado, Department of Political Science Seminar, 2017

Policy engagement

- OECD Forum, Bridging Divides (panelist, featured author), 2017
- Political Economy of Emerging Market Countries, Kolkata, India (paper presenter, discussant), 2017

Honors, awards and extramural funding

- 2018 David A. Lake Award for best paper presented at the 2017 International Political Economy Society annual meeting for "The Economic Origins of Authoritarian Values: Evidence from Local Trade Shocks in the United Kingdom"
- 2017-2018 Weidenbaum Center on the Economy, Government, and Public Policy, Washington University in St. Louis, Faculty Research Grant, with Michael Bechtel
- 2015-2018 Swiss Network for International Studies Grant for "Intertemporal Fairness in Global Climate Cooperation," with Michael Bechtel

GI-WOOK SHIN

Academic publications

- JC Choi, YS Lee, and Gi-Wook Shin, *Strategic, Policy and Social Innovation for a Post-Industrial Korea: Beyond the Miracle* (London: Routledge, 2018)
- Gi-Wook Shin, *Superficial Korea* (in Korean). Munhak Dongne (Seoul, Korea, 2017)
- "North Korea in 2017: Closer to Being a Nuclear State," *Asia Survey* 58.1 (2018): 33-42 (with Rennie J. Moon)
- "South Korea After Impeachment," *Journal of Democracy* 28.4 (October 2017): 117-131 (with Rennie J. Moon).
- "South Korea in 2016: Political Leadership in Crisis." *Asian Survey* 57.1 (2017): 103-110 (with Rennie J. Moon).
- *Strategic, Policy and Social Innovation for a Post-Industrial Korea*, book forthcoming from Routledge (co-editor with Joon-Nak Choi and Yong-Suk Lee) (in progress)
- "Korea's Migrants: From Homogeneity to Diversity," preparing a special issue for *Asian Survey* (guest editor with Rennie J. Moon) (in progress)
- "Korea's Official Development Assistance as a Social Capital," edited book in preparation (with Jae-Sung Kwak) (in progress)
- "North Korea 2017," preparing for *Asian Survey* (commissioned) (in progress)

Courses taught

- Graduate: Seminar on Social Movements/ Seminar on Social Change and Development in Korea/ Historical and Comparative Sociology/Workshop on Korean Studies/ Seminar on Nations and Nationalism

- Undergraduate: Macro-sociology/ Comparative and Historical Sociology/ Collective Behavior and Social Movements/ Society and Politics in East Asia/ Society and Politics in Korea/ Methodology of Sociological Research/ Introductory Sociology/ Asia-Pacific Transformation
- Overseas Seminars: Seoul Korea, “Korea in a Globalizing World”

Invited talks

- Guest Speaker, “Superficial Korea,” SK Telecommunications, Platon Academy, Daegu Metropolitan Office of Education, Korea National Defense Academy, The Constitutional Court (November 2017)
- Guest Speaker, “How to Deal with the Growing Nuclear Threat of North Korea,” Center for East Asian Studies (University of Kansas), October 2017. 10. 15.
- Guest Speaker, “World Changes: Implications for Regional Cooperation in Northeast Asia” Jilin Academy of Social Sciences (Changchun, China), August 2017
- Guest Speaker, “Creating a Regional Economic Community in Northeast Asia,” Northeast Asia Think Tank Forum (Changchun, China), August 2017
- Guest Speaker, “A Step Forward or Déjà vu?: The US-ROK Alliance and North Korea,” Tianjin Forum (Tianjin, China), July 2017
- Guest Speaker, “Doing Korean Studies in Social Sciences,” A special roundtable in AAS-in-Asia (Seoul, Korea), June 2017
- Guest Speaker, “Role of Koreans Overseas for Peace and Cooperation,” 20th Anniversary of Korean Overseas Foundation (Seoul, Korea), June 2017.
- Guest Speaker, “How to Engage War for Global Talent?” SNU School of Law (Seoul, Korea), March 2017

Policy engagement

- Guest Columnist, *The Korea Times* (USA), 2017-
- Guest Columnist, *Maeil Economic Daily*, 2016-2017
- HealthQuest Media, Inc. for its film on “Hepatitis B: The Global Challenge”
- Law Offices of Lebovits & David on their case of the KAL Crash at Guam
- Berlitz Cross Cultural on their Cross-Cultural Training on Asia
- Rand Corporation
- Kyushu University (Japan)
- Other commercial corporations and law firms

Honors, awards and extramural funding

- 2015-2017 Co-Principal Investigator, Korea’s Official Development Assistance as a Social Capital, Korea Foundation (\$100,000); with Kyunghee University in Korea
- 2015-2020 Principal Investigator, 5-year gift for Stanford New Asia Project. SK (\$1 Million)
- 2015-2020 Principal Investigator, 5-year grant for Koret Fellowship and Policy Conference on US-ROK Relations. Koret Foundation (\$830,000).

- 2012-2017 Principal Investigator, 5-year grant for Hana-Stanford Conference on Korea for U.S. Secondary School Teachers. Hana Financial Groups (\$600,000).

STEPHEN STEDMAN

Academic publications

- With Bruce Jones, "Civil Wars and the Post-Cold War International Order," *Daedalus*, Vol. 146:4, Fall 2017.
- With Richard Gowan, "The International Regime for Treating Civil War, 1988-2017," *Daedalus*, Vol. 147:1, Winter 2018.

Courses taught

- Health and Security, 2017
- Food and Security, 2017
- Finding and Refining a Research Question, 2017, 2018
- Making Things Happen in the Real World: Implementation and Leadership, 2017, 2018
- CDDRL Honors Colloquium, 2017, 2018
- The Ending of World War 1, 2018
- Bing Overseas Seminar, 1918 and the Ending of World War 1, 2018

Invited talks

- Conference Organizer, "Globalization, Polarization and the Eroding Foundations of the Liberal World Order," Stanford, 2017
- With Mark Algee-Hewitt, Erik Fredner, and Whitney McIntosh, "The Meaning of Security," Stanford Literary Lab, 2017
- With Whitney McIntosh, "The Meaning of Security," CDDRL, 2018

Policy engagement

- Participant, Roundtable Discussion, Council on Foreign Relations, "Civil Wars and International Order," 2017
- Presenter, United Nations, "Civil Wars and International Order," 2017
- Presenter, Roundtable Discussion, U. S. Congress, "Civil Wars and International Order," 2018
- Participant, Roundtable Discussion, Dept. of Defense, "Civil Wars and International Order," 2018
- Presenter, Conference on Civil Wars, Geneva, Switzerland, 2018
- Secretary General, Annan Commission on Democracy in the Digital Age, 2018-2019

Honors and awards

- The Lloyd W. Dinkelspiel Award for Outstanding Service to Undergraduate Education, Stanford University, 2018

ANDREW WALDER

Academic publications

- Andrew G. Walder and Qinglian Lu, "The Dynamics of Collapse in an Authoritarian Regime: China in 1967." *American Journal of Sociology* 122, 4 (January 2017): 1144-1182.
- Andrew G. Walder, "The Chinese Cultural Revolution." Pp. 220-243 in *The Cambridge History of Communism, Vol. 2*, ed. by Norman Naimark, Silvio Pons, and Sophie Quinn-Judge. Cambridge: Cambridge University Press, 2017.
- Dong Guoqiang and Andrew G. Walder, "Forces of Disorder: The Army in Xuzhou's Factional Warfare, 1967-1969." *Modern China* 44, 2 (January 2018).
- Andrew G. Walder, "Back to the Future? Xi Jinping as an Anti-Bureaucratic Crusader." *China: An International Journal* 16, 3 (August 2018): 18-34.
- Andrew G. Walder 魏昂德, "毛澤東與'四人幫'." (Mao Zedong and the 'Gang of Four'). Pp. 255-272 in *中外學者談文革 (Cultural Revolution: Recollections, Reconstructions, and Reflections)* 熊景明、宋永毅、余國良 主編. 香港: 中文大學出版社, 2018.

Courses taught

- Political Sociology
- Political Economy of China
- Sociological Theory: Social Structure, Inequality and Conflict
- Chinese Society and Politics
- Workshop: China Social Science

Invited talks

- Chinese University of Hong Kong, Public Lecture, "Rebellion and Repression in China, 1966-1969." 7 January 2017.
- National University of Singapore, Department of Sociology, "Rebellion and Repression in China." 31 January 2017.
- Singapore Management University, School of Social Science, "Bending the Arc of Chinese History: The Cultural Revolution's Paradoxical Legacy." 10 February 2017.
- Oslo University, Network for Asian Studies Annual Lecture. "Rebellion and Repression in China, 1966-1969". 14 March 2017.
- London School of Economics, Annual Ralph Miliband Lecture, "Mao Zedong and the Cultural Revolution: History versus Myth." 16 March 2017.
- City University of Hong Kong, College of Liberal Arts and Social Science, "Rebellion and Repression in China, 1966-1969." 19 June 2017.
- University of California-Berkeley, Center for Chinese Studies, "Rebellion and Repression in China, 1966-1969." 4 October 2017.
- Peking University, School of International Relations, "The Divergence of Chinese and Soviet History," 29 October 2017.
- Central University of Finance and Economics, Beijing. "China's Enterprise Reforms: Past, Present, and Future," 3 November 2017.

- Tsinghua University, Department of Sociology. “Why China and the Soviet Union took Different Historical Paths,” 9 November 2017.
- Brigham Young University, Kennedy Center for International Studies, Book of the Semester Lecture, “China Under Mao: A Revolution Derailed,” 15 November 2017.
- Chinese People’s University, Beijing, Zheng Hansheng Memorial Lecture, “The Political Origins of Transitional Recessions: The Soviet Union and Eastern Europe,” 29 November 2017.
- City University of Hong Kong, College of Liberal Arts and Social Sciences, “Changing the Course of Chinese History: The Cultural Revolution’s Paradoxical Legacy.” 22 March 2018.
- College of William and Mary, Distinguished Scholar Lecture, “China’s Rise: Past, Present, and Future.” 2 April 2018.
- École des Hautes Études en Sciences Sociales, Paris. “China’s Historical Trajectory: What Difference Did the Cultural Revolution Make?” 30 May 2018.
- École des Hautes Études en Sciences Sociales, Paris. “Rebellion and Repression in China, 1966-1969: A Macro Perspective.” 8 June 2018.
- École des Hautes Études en Sciences Sociales, Paris. “Mao and the Mao Era: A Balance Sheet.” 18 June 2018.

JEREMY WEINSTEIN

Academic publications

- “Determinants of refugee naturalization in the United States” (with N. Mossad, J. Ferwerda, D. Lawrence, and J. Hainmueller). *Proceedings of the National Academy of Sciences* (Forthcoming).
- “Improving Refugee Integration Through Data-Driven Algorithmic Assignment” (with K. Bansak, J. Ferwerda, J. Hainmueller, A. Dillon, D. Lawrence, D. Hangartner). *Science* (2018).
- “What if California Had a Foreign Policy? The New Frontier of State’s Rights” (with D. Engstrom), *The Washington Quarterly* (March 2018).
- “Humanitarianism and Its Limits: Explaining Host Community Attitudes toward Syrian Refugees in Jordan” (with A. Alrababa’h, A. Dillon, S. Williamson, J. Hainmueller, and D. Hangartner) (working paper)
- “In Search of Opportunity and Community: The Secondary Migration of Refugees in the United States” (with N. Mossad, J. Ferwerda, D. Lawrence, and J. Hainmueller) (working paper)
- “Piercing the Veil of Sovereignty in Africa” (working paper)
- “Infrastructure Quality Assessment in Africa using Satellite Imagery and Deep Learning” (with B. Oshri, A. Hu, P. Adelson, X. Chen, P. Dupas, M. Burke, D. Lobell, and S. Ermon) (working paper)

Courses taught

- Comparative Politics: African politics, political economy of development, ethnic politics, political economy of disease
- International Relations: civil war, international relations of Africa
- Methodology: qualitative methods, field research, experimental methods

Invited talks

- “Piercing the Veil of Sovereignty in Africa,” presented at Yale (March 2018), Notre Dame (March 2018), and Berkeley (March 2018).
- “Does Social Science Belong at the Decision-Making Table: Reflections on Conflict Research and U.S. Foreign Policy,” Keynote lecture, Households in Conflict Network (November 2017).

Policy engagement

- Life Member, Council on Foreign Relations (2012-Present)
- Board Member, U.S. Holocaust Memorial Council (2016-Present)
- Board Member, Fiscal Governance Program, Open Society Foundation (2015-Present)

Extramural funding

- Schmidt Sciences (2018-2020)
- JPAL Crime and Violence Initiative (2017-2018)
- Carnegie Corporation (2017-2018)

PAUL WISE

Academic publications

- Wise PH. The epidemiologic challenge to the conduct of just war. *Daedalus*. 2017; 146:139-54.
- Alvarez E, Chamberlain LJ, Aftandilian C, Saynina O, Wise PH. Pediatric oncology discharges with febrile neutropenia: Variation in location of care. *Pediatr Hemat Onc*. 2017;39: e1-17.
- Wise PH, Barry M. Civil war and the risk of global pandemics. *Daedalus*. 2107; 146:71-84.
- Alsan M, Xing A, Wise PH, Darmstadt GL, Bendavid E. Childhood illness and the gender gap in adolescent education in low- and middle-income countries. *Pediatrics*. 2017; 140:e20163175.
- Carmichael SL, Kan P, Padula AM, Rehkopf DH, Oehlert JW, Mayo JA, Weber AM, Wise PH, Shaw GM, Stevenson DK. Social disadvantage and the black-white disparity in spontaneous preterm delivery among California births. *PLoS ONE*. 2017;8:e0182862.
- Alvarez EM, Keegan TH, Johnston EE, Haile R, Sanders L, Wise PH, Saynina O, Chamberlain LJ. The Patient Protection and Affordable Care Act dependent coverage expansion: Disparities in impact among young adult oncology patients. *Cancer*. 2017; epub.

- Cohen E, Berry JG, Sanders L, Schor EL, Wise PH. Status complexicus? The emergence of pediatric complex care. *Pediatrics*. 2018; 141:S202-S2011.
- Bavinger JC, Wise PH, Bendavid E. The relationship between burden of childhood disease and foreign aid for child health. *BMC Health Serv Res*. 2017; 17:655.
- Wise PH, Shaw GM, Druzin ML, Darmstadt GL, Quaintance C, et al. Risky business: Meeting the structural needs of transdisciplinary science. *J Pediatr*. 2017; 191:255-58.
- Spiegel PB, Garber K, Kushner A, Wise PH. The Mosul Trauma Response. Baltimore, MD: Johns Hopkins University. February 2018. Available at URL: http://www.hopkinshumanitarianhealth.org/assets/documents/Mosul_Report_FINAL_Feb_14_2018.pdf

Courses taught

- Global Public Health
- Making Things Happen in the Real World: Leadership and Implementation

Invited talks

- “*Transdisciplinary Research*”. March of Dimes Prematurity Network Annual Conference. Orlando, Florida
- “*Civil Wars and Pandemic Risk*”. US Pacific Command. Pearl Harbor, Hawaii
- “*The Future of Child Health in an Aging America*”. Pediatric Academic Societies Annual Meeting. Toronto, Canada
- “*Rethinking the Humanitarian Response to War*”. Pediatric Academic Societies Annual Meeting. Toronto, Canada
- “*Impact of Clinical Innovation on Disparities in Child Health*”. Born in Bradford Meeting. Bradford, England
- “*Health Provision in Areas of Weak Governance*”. Central American Healthcare Initiative Annual Conference. Managua, Nicaragua
- “*The Indirect Effects of War*”. UN High Commissioner on Refugees. Geneva, Switzerland
- “*Civil War and the Risk of Pandemics*”. American Academy of Arts and Sciences, Cambridge, Massachusetts.
- “*Political and Security Dimensions of Women’s and Children’s Health in Areas of Violent Conflict*”. Global Child Health Consortium. Dubai, UAE
- “*Challenges to Humanitarian Response: The Battle of Mosul, Iraq*”. Civilian-Military Coordination in Humanitarian Settings Conference. US Naval War College/Brown University, Providence, RI
- “*Evaluation of Health Response: Battle of Mosul, Iraq*”. Johns Hopkins University, Baltimore, MD.
- “*Evaluation of Health Response: Battle of Mosul, Iraq*”. Center for International and Strategic Studies. Washington, DC.
- “*Civil Wars and the Risk of Pandemics*”. US Institute of Peace/US Congress. Washington, Dc

Policy engagement

- National Advisory Child Health and Human Development Council, NICHD, National Institutes of Health, US Department of Health and Human Services
- Strategic Planning Committee, National Institute of Child Health and Development, National Institutes of Health, US Department of Health and Human Services
- March of Dimes Public Policy Advisory Council
- Advisory Board, National, Child and Adolescent Health Measurement Initiative
- Advisory Board, Central American Healthcare Initiative
- Executive Committee, Global Child Health Consortium on Reproductive, Maternal, Child, and Adolescent Health in Areas of Conflict
- Consultant, Evaluation of Humanitarian Response to Fighting in Mosul, Iraq, World Health Organization

FRANK WOLAK

Academic publications

- High Frequency Evidence on the Demand for Gasoline, *American Economic Journal: Economic Policy* 2017, 9(3): 314–347 (with Laurence Levin and Matthew Lewis)
- Comparing Auction Designs where Suppliers Have Uncertain Costs and Uncertain Pivotal Status, *RAND Journal of Economics*, forthcoming, (with Pär Holmberg).
- Measuring the Impact of Purely Financial Participants on Wholesale and Retail Market Performance: The Case of Singapore, forthcoming, *Oxford Review of Economic Policy*
- Evidence from California on the Economic Impact of Inefficient Distribution Network Pricing and a Framework for a Proposed Solution, National Bureau of Economic Research Working Paper
- Market Power in a Hydro-Dominated Wholesale Electricity Market (March 2018)
- Assessing Opportunities for Solar Lanterns to Improve Educational Outcomes in Rural Off-Grid Regions: Challenges and Lessons from a Randomized Controlled Trial (July 2018)
- Promoting Energy Efficiency in Emerging Economies through Consumer Education: Results from a Field Experiment in Mexico (July 2018).

Courses taught

- Computational Econometrics
- Econometrics Workshop
- Energy Markets and Policy, Stanford Graduate School of Business
- Energy, the Environment, and the Economy, Frosh Seminar
- Social Science Field Research Methods and Applications
- Econometrics II

Invited talks

- Retail Electricity Market Design with Significant Distributed Generation Capacity, Property and Environment Research Center, August 2017
- Measuring the Competitiveness Benefits of Purely Financial Participants on Wholesale and Retail Markets, Canadian Resource and Environmental Economics (CREE) Annual Meeting, September 2017
- Designing Nonlinear Price Schedules for Urban Water Utilities to Balance Revenue and Conservation Goals, University of Virginia, October 2017
- Measuring the Competitiveness Benefits of Purely Financial Participants on Wholesale and Retail Markets, University of Arizona
- Efficient Pricing: The Key to Unlocking Radical Innovation in the Electricity Sector, University of Barcelona, February 2018
- Who Benefits from Financial Transmission Rights in Wholesale Electricity, Harvard Electricity Policy Group, March 2018
- The Economic Impact of Inefficient Distribution Network Pricing: Evidence from California, Columbia University, April 2018.
- Designing Nonlinear Price Schedules for Urban Water Utilities to Balance Revenue and Conservation Goals, University of Technology-Sydney, June 2018.
- Not in My Backyard: A Political Economy Analysis of Renewable Generation Location Decisions, University of California, Energy Institute, June 2015.
- Measuring the Competitiveness Benefits of Purely Financial Participants on Wholesale and Retail Markets, Oxford University, July 2018.
- Designing Efficient Market Mechanisms for Water, CHUASI Meeting, Aug 2018.

Policy engagement

- Short Course of Energy Market Design and Regulation for Western United States Regulators, San Diego, August 2017.
- Retail Rate Design for Rajasthan, India, World Bank, April 2018.
- Retail Pricing to Support the 21st Century Distribution Grid, SIEPR Policy Brief, November 2017
- Reports of the Demise of Carbon Pricing are Greatly Exaggerated, SIEPR Policy Brief, August 2018.
- Designing Ancillary Services Market for Chilean Electricity Supply Industry, Report to Chilean Energy Regulatory Commission, January 2018.
- Ancillary Market Design for Colombia Wholesale Electricity Market, Report to Colombia Energy Regulatory Commission, August 2018.

AMY ZEGART

Academic publications

- *Political Risk: How Businesses and Organizations Can Anticipate Global Insecurity*, with Condoleezza Rice, (Twelve Books, May 2018).
- "Managing 21st Century Risk," with Condoleezza Rice, *Harvard Business Review*,

May/June 2018

- “Cheap Fights, Credible Threats: The Future of Armed Drones and Coercion,” *Journal of Strategic Studies* (February 2018).
- *Bytes, Bombs, and Spies: The Future of Offensive Cyber Operations*, co-edited with Herb Lin (Brookings Institution Press, forthcoming 2019).
- “Introduction to the Special Issue on Strategic Dimensions of Offensive Cyber Operations,” with Herbert Lin, *Journal of Cybersecurity*, Vol. 3, Issue 1(March 2017): 1-5.
- “The Fort Hood Terrorist Attack: An Organizational Postmortem of Army and FBI Deficiencies,” in Matthew Bunn and Scott Sagan, editors, *Insider Threats* (Cornell University Press, 2017).

Courses taught

- Political Science 114s/IPS 241, International Security in a Changing World, with Steve Krasner. (2017)
- Polecon 584, Graduate School of Business, Managing Global Political Risk, with Condoleezza Rice (2017, 2018)
- CISAC Honors College (2017), with Karl Eikenberry.

Invited talks

- Harvard Kennedy School
- Princeton Woodrow Wilson School
- University of Chicago
- University of California, Los Angeles (UCLA)
- Duke University
- Johns Hopkins School of Advanced International Studies (SAIS)
- UC San Diego
- UC Berkeley
- Sandia National Laboratory
- Council on Foreign Relations

Policy engagement

- Briefed Secretary of Defense Jim Mattis on cyber issues for confirmation hearing
- Advised NSC Counterterrorism Directorate, Cyber Directorate
- External advisor, National Intelligence Council, *Global Trends* Report
- Briefings about drones and the future of coercion to Defense Department Office of Net Assessment, JCS Chairman’s Action group, Strategic Command Commander, House Intelligence Committee, cyber briefing for 60 congressional staffers across committees.
- Designed and held Congressional cyber boot camp 2017
- Designed and held media cyber boot camp, 2016 and 2018
- Advise Senate Select Committee on Intelligence (both majority and minority staff) about information warfare/cybersecurity threats
- Quoted frequently in news outlets, including *New York Times*, *Washington Post*, NBC News

- Contributing editor, *The Atlantic*. Monthly foreign policy column. Columns include:
 - “Trump Says Russia Isn’t Still Targeting the U.S.-But He’s Wrong,” *The Atlantic*, July 18, 2018
 - “The Self-Inflicted Demise of American Power,” *The Atlantic*, July 12, 2018
 - “A Prime Opportunity to Get Inside Kim Jong-Un’s Head,” *The Atlantic*, May 31, 2018
 - “The ‘First Woman CIA Director’ Is a Smokescreen,” *The Atlantic*, March 13, 2018
 - “Devin Nunes’s Fake Oversight,” *The Atlantic*, Feb. 20, 2018
 - “The Specter of a Chinese Mole in America,” *The Atlantic*, Jan. 8, 2018
 - “New Year’s Resolutions are Predictions about the Future,” *The Atlantic*, Jan. 8, 2018
 - “The Tools of Espionage are Going Mainstream,” *The Atlantic*, Nov. 27, 2018
 - “Trump Isn’t the Only Problem with Trump’s Foreign Policy,” *The Atlantic*, Oct. 25, 2017
 - “How Not to Threaten North Korea,” *The Atlantic*, Sept. 3, 2017
 - “The Three Paradoxes Disrupting American Politics,” *The Atlantic*, Aug. 5, 2017
 - “Donald Trump Jr’s Emails Vindicate the Intelligence Community,” *The Atlantic*, July 11, 2017
 - “Kim Jong-un: The Hardest Intelligence Target,” *The Atlantic*, July 9, 2017
 - “The NSA Confronts a Problem of its Own Making,” *The Atlantic*, June 29, 2017
- “America Needs to Play Both the Short and Long Game in Cybersecurity,” with Michael McFaul, *Washington Post*, December 19, 2016
- “Reining in Trump’s Reckless Foreign Policy,” *San Francisco Chronicle*, November 18, 2016
- “Vladimir Putin is Trying to Hack the Election. What should the U.S. Do?” *CNN*, October 24, 2016.

Honors and awards

- World Economic Forum Global Future Council on International Security
- Social Science Research Council Task Force on Securing Knowledge

XUEGUANG ZHOU

Academic publications

- Xueguang Zhou and Haifeng Li. “Between the Centralization of Authority and Effective Governance: The Institutional Logics of Governance in China.” *The TOA-KEIZAI KENKY* (Asian Economic Review) 75(1). 2018.
- “Social Media and Governance in China’s Internet Era: Interpreting Its Significance and Future.” Chapter in a forthcoming book, edited by Jean Oi and Thomas Fingar. 2018

- Zhou, Xueguang, et. al. "The Spatial Mobility of Local Government Officials in China: A Model and Empirical Evidence." ("中国地方政府官员的空间流动：层级分流模式与经验证据"). Shehui (社会). 2018
- *The Institutional Logic of Governance in China: An Organizational Approach* [in Chinese, 中国国家治理的制度逻辑：一个组织学研究, (三联书店)]. Beijing: Sanlian Press. 2017.
- Yun Ai and Xueguang Zhou. "The Multiple Logics of Property Rights Reform in China's Urbanization: The Case of the Chengdu Model." Pp. 91-109 in *Challenges in the Process of China's Urbanization*, edited by Karen Eggleston, Jean C. Oi, and Wang Yiming. Stanford, CA: APARC. 2017.

Courses taught

- Sociology of Organization
- Social Stratification
- Economic Sociology
- Chinese Society

Invited talks

- Invited talk at Conference on Organizational Sociology, Jilin University. Changchun, July 2018.
- Invited talk at National Institute of Social Development, CASS. Beijing, June 2018.
- Invited talk at Institute of Qing History, Renmin University of China. Beijing, March 2018.
- Invited talk at workshop on historical perspectives on governance in China. Hangzhou, August 2018.
- Invited talk at Center for East Asian Studies. UCLA, April, 2018.
- Invited keynote speech at Conference on governance, Zhongshan U., Guangzhou, Sept. 8-9. 2017.
- Invited lecture series on "The Chinese bureaucracy: literature and research agenda," Zhongshan U., Sept. 10-13. 2017.
- Invited workshop on research, School of Management, Tsinghua University, June 28-July 1. 2017.
- Invited talk at Fei Xiaotong lecture Series, Peking U. June 29. 2017.

Policy engagement

- Organizer, workshop series on government behaviors in urbanization processes, Shanghai U. March/August, 2018.
- Invited presentation at workshop on research methods, organized by the International Association for Chinese Management Research. Wuhan, July 9-14, 2017.