

SABRINA T. HOWELL

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EDUCATION

PhD, Harvard University, 2015
Economics Track, Political Economy & Government Program
Advisors: Professors Josh Lerner (Chair), David S. Scharfstein, Raj Chetty, and Joseph E. Aldy

BA, Yale University, 2008
Majors: Economics, East Asian Studies
Summa cum laude, Phi Beta Kappa Junior Year (top 1% of class)

RESEARCH INTERESTS

Innovation economics; Entrepreneurial finance; Risk management, Energy, China

PEER-REVIEWED PUBLICATIONS

Howell, Sabrina T. 2017. "Financing Innovation: Evidence from R&D Grants." *The American Economic Review*, April.

Featured in:

Council on Foreign Relations. 2015. "[Keeping the Edge: U.S. Innovation.](#)" Report

Smith, Noah. 2015. "[Angel Investing, Government Style.](#)" Bloomberg. July 9.

Pethokoukis, James. 2015. "[Uncle Sam, angel investor?](#)" AEIdeas, July 15.

Davis, Lucas. 2015. "[How Should We Design Government Policies to Stimulate Innovation?](#)" Haas Energy Institute. March 23.

Gill, Dee. 2015. "[Small, Early Stage R&D Grants to Energy Startups have Large Impact.](#)" Chicago Booth Daily Data. February 2.

Howell, Sabrina. 2014. "[The Impact of Government Grants in the Clean Energy Sector.](#)" Cleantech Group. January 9.

Minsk, Ronald E., Sam P. Ori, and Sabrina Howell. 2009. "Plugging Cars into the Grid: Why the Government Should Make a Choice." *Energy Law Journal* 30(2).

WORKING PAPERS

Howell, Sabrina T., with William Cong and Ran Zhang. 2017. "How Public Markets Foster Firm Standardization: Evidence from Chinese IPOs."

Howell, Sabrina T. 2016. "The Cost of Risk Management: Evidence from a Quasi-Experiment."

Howell, Sabrina T. 2016. "Joint Ventures and Technology Adoption: A Chinese Industrial Policy that Backfired."

Howell, Sabrina T. 2017. "Learning from Feedback: Evidence from New Ventures."

OTHER PUBLICATIONS

Howell, Sabrina. 2014. "Financing Innovation in the Private Sector: The Small Business Innovation Research Program." Case in Tsinghua-Harvard Workshop on Market Mechanisms to Achieve a Low-Carbon Future for China Casebook, p. 30.

Howell, Sabrina, Lee, Henry, and Heal, Adam. 2014. "Leapfrogging or Stalling Out? Electric Vehicles in China." Discussion Paper, Belfer Center for Science and International Affairs, Harvard Kennedy School.

Howell, Sabrina. 2013. "Pathways for Reducing Oil Consumption in the U.S." Carbon War Room & Fuel Freedom Foundation Research Report.

Howell, Sabrina. 2009. "Jia You! (Add Oil!): Chinese Energy Security Strategy." In Luft, Gal and Anne Korin, eds. Energy Security Challenges for the 21 Century. California: Praeger Publishing.

TEACHING

- 2017 Applications in Entrepreneurial Finance: Fintech, NYU Stern (new course)
- 2016 Topics in Entrepreneurial Finance, NYU Stern (created all course materials)
- 2013 Energy Industry Economics & Policy Sophomore Tutorial, Harvard University Economics Department (created course, solo teaching)
- 2012-13 Energy Policy Analysis, Harvard Kennedy School - doctoral-level course of the Harvard Graduate Consortium on Energy and the Environment (teaching fellow for Professor Joseph E. Aldy)
- 2008 Sustainability Economics, Hong Kong University and Zhejiang University. Harvard Graduate School of Education Crimson Fellow

PREVIOUS EMPLOYMENT

- 2013-14 U.S. Department of Energy, Intern in the Office of Strategic Programs in the Office of Energy Efficiency and Renewable Energy
- 2012 Georgetown Economics Department, Research Assistant to Arik Levinson
- 2011 Harvard Center for the Environment, Research Assistant to Joseph E. Aldy
- 2011 National Economic Council, White House Intern for Nathaniel Keohane, the Special Assistant to the President for Energy and the Environment
- 2009-10 Securing America's Future Energy (SAFE), Senior Policy Analyst
- 2008-09 Charles River Associates, Analyst
- 2007 Hess Corporation, Summer Analyst
- 2005-06 Yale University Economics Department, Research Assistant to George Hall

HONORS, GRANTS, AND FELLOWSHIPS

- 2017 Kauffman Foundation Junior Faculty Research Fellowship (\$35,000)
Kauffman Foundation Research Grant (\$150,00)
- 2015 Kauffman Foundation Research Grant (\$24,500)
Stern Center for Global Economy and Business Research Grant (\$7,000)

Top Finance Graduate Award 2015 (Copenhagen Business School-AQR)

- 2014 Kauffman Best Student Paper Award Session, Roundtable for Engineering Entrepreneurship Research (REER)
- 2010-13 National Science Foundation Graduate Research Fellow
- 2013 Derek Bok Center for Teaching and Learning Certificate of Distinction in Teaching (reflects very high student ratings)
- 2011 Mossavar-Rahmani Center for Business and Government Summer Fellowship
- 2011-15 Harvard Environmental Economics Program Pre-Doctoral Fellow
- 2008 Emerson Tuttle Cup Winner (most distinguished student in Yale's Davenport College)

PAPER PRESENTATIONS

- 2018 AFA Annual Meeting (planned); UBC Sauder (planned)
- 2017 HEC Paris (planned); Hong Kong University (planned); Chinese University of Hong Kong (planned); National University of Singapore (planned); UC Berkeley Innovation and Finance Conference; WFA Early Career Women in Finance Mini-Conference, Whistler; Economics of Entrepreneurship and Innovation Conference, Ontario; Econometric Society Asian Meeting, Hong Kong; IDC Herzliya Conference in Financial Economics Research, Tel Aviv; Georgia Tech Scheller; Changing Role of Stock Markets in Capital Formation Conference, New York; Bergen Innovation Workshop, Norway; University of Washington Foster School of Business; AEA Entrepreneurship Session, Chicago.
- 2016 NBER Entrepreneurship Working Group, Boston; NBER Entrepreneurship and Economic Growth Conference, Durham; Western Finance Association, Park City; GSE Summer Forum, Barcelona; Hebrew University Economics Department, Jerusalem; IDC Herzliya Conference in Financial Economics Research, Tel Aviv; GSU CEAR Corporate Finance and Asset Management Conference; NBER Corporate Finance and Insurance Working Groups Joint Session, Chicago; NYU Stern Research Day Conference, New York; NBER Productivity Seminar, Cambridge; NBER Entrepreneurship and Economic Growth Pre-Conference, Durham; Brigham Young University Finance Department.
- 2015 University of Michigan Ross Finance Department; Salomon Center Five Star Conference, New York; Dartmouth Economics Department, Hanover; NYU Stern Seminar; UC Berkeley Haas Innovation Seminar; 4th International Conference on Global Prosperity, UNSW Business School Institute of Global Finance, Sydney; University of Melbourne Finance Department; Entrepreneurial Finance Around the World Conference, Tsinghua PBC School of Finance, Beijing; National Science Foundation, Division of Industrial Innovation and Partnerships, Washington DC; CBS-AQR Top Finance Graduate Award Meeting, Copenhagen; POWER Conference on Energy Research and Policy, UC Berkeley. Job market presentations at: Stanford GSB Finance, Yale SOM Finance, Cornell Johnson Finance, NYU Stern Finance, Columbia SIPA, Berkeley Haas Finance, U Penn Wharton Management, Columbia Business School Finance & Economics (joint), U Maryland Smith Finance, LSE Finance, Yale SOM Economics, HBS Entrepreneurial, Georgetown McDonough, Duke Fuqua Strategy, U Chicago Booth Finance, Northwestern Kellogg Finance.
- 2014 Roundtable for Engineering Entrepreneurship Research (REER), Atlanta; Centre for Economic Policy Research (CEPR) and Bank of Finland Entrepreneurial Finance, Innovation and Growth Conference, Helsinki; Georgetown University McDonough;

Tsinghua-Harvard Workshop on Market Mechanisms to Achieve a Low-Carbon Future for China, Beijing.

2011+ Harvard Business School Finance Lunch (4x), Harvard Economics Department Industrial Organization Lunch (4x), Labor and Public Finance Lunch (2x), International Lunch (1x)

SERVICE

I founded and organize the Women Assistant Professors of Finance Conference at NYU Stern (WAPFIN@Stern). In 2015, 6 women attended from Northeast schools. In 2016, 28 women attended from finance departments in Asia, Europe, and North America.

I have served as a referee for the American Economic Review, Journal of Finance, Management Science, and other journals. I also serve as an external reviewer for the National Academies of Science.