

SABRINA T. HOWELL

Assistant Professor
NYU Stern School of Business
Finance Department
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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

PUBLICATIONS

Howell, Sabrina T. 2016. "Financing Innovation: Evidence from R&D Grants." (*Forthcoming at the American Economic Review*)

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.

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.

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).

Smith, Anne E. and Sabrina Howell. 2009. "An Assessment of the Robustness of Visual Air Quality Preference Study Results." Environmental Protection Agency Clean Air Scientific Advisory Committee (EPA CASAC) Particulate Matter Review, Public Comments, March 30.

WORKING PAPERS

Howell, Sabrina T. 2016. "The Cost of Risk Management: Evidence from a Quasi-Experiment." *(Under review)*

Howell, Sabrina T. 2016. "Joint Ventures and Technology Adoption: A Chinese Industrial Policy that Backfired." *(Under review)*

Howell, Sabrina T. 2016. "Learning and Success in Entrepreneurship."

Howell, Sabrina T., with Will Cong and Ran Zhang. 2017. "Does High-Growth Entrepreneurship Need Public Markets? Evidence from Chinese IPOs."

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

- 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)

PRESENTATIONS

- 2017 HKU, CUHK, NUSQueens Economics of Entrepreneurship and Innovation Conference, Ontario, June 9
 Econometric Society Asian Meeting, Hong Kong, June 3
 Bergen Innovation Workshop, Norway, April 27 (planned)
 University of Washington, March 3 (planned)
 AEA Entrepreneurship Session, Chicago, January 8
- 2016 NBER Entrepreneurship Working Group, Boston, December 9
 Olin WFA-CFAR Conference (Discussion), St. Louis, November 18
 NBER Entrepreneurship and Economic Growth Conference, Durham, October 14
 Tuck Finance, Organizations and Markets Conference (Discussion), Dartmouth, August 26
 NBER Entrepreneurship Summer Institute (Discussion), Boston, July 18
 Western Finance Association (Paper presentation and discussion), Park City, June 22
 GSE Summer Forum Economics of Science and Innovation Session, Barcelona, Spain, June 8
 Hebrew University Economics Department, May 17
 IDC-Herzliya 13th Annual Conference in Financial Economics Research, IDC, Israel, May 15
 GSU CEAR Corporate Finance and Asset Management Conference, Atlanta, April 29
 NBER Corporate Finance and Insurance Working Groups Joint Session, University of Chicago, April 7
 Stern Research Day Conference, NYU, March 25
 NBER Productivity Seminar, Cambridge, MA, March 15
 NBER Entrepreneurship and Economic Growth Pre-Conference at Duke University, paper presenter, February 12
 Brigham Young University Finance Seminar, January 22
 ASSA Meetings in San Francisco: Private Equity Session Discussion (January 3), Environmental Regulation in Second-Best Settings Discussion (January 5)
- 2015 U Michigan Ross Finance Seminar, December 11

- Salomon Center Five Star Conference, NYU, December 4
- Dartmouth Economics Seminar, December 2
- Stern Finance Seminar, NYU, November 20
- UC Berkeley Haas Innovation Seminar, October 21
- 4th International Conference on Global Prosperity, UNSW Business School Institute of Global Finance, Sydney, Australia, August 28.
- University of Melbourne Finance Seminar, August 21.
- Entrepreneurial Finance Around the World Conference, Tsinghua PBC School of Finance, China, June 27.
- National Science Foundation, Division of Industrial Innovation and Partnerships, Washington DC, June 19.
- CBS-AQR Top Finance Graduate Award Meeting, Copenhagen Business School, Denmark, June 11.
- POWER Conference on Energy Research and Policy, UC Berkeley, March 20
- Job market presentations at: Stanford GSB Finance Seminar, Yale SOM Finance Seminar, Cornell Johnson Finance Seminar, NYU Stern Finance Seminar, Columbia SIPA Seminar, Berkeley Haas Finance Seminar, U Penn Wharton Management Seminar, U Chicago Booth Finance Seminar, Northwestern Kellogg Finance Seminar, Columbia Business School Finance & Economics Seminar (joint), U Maryland Smith Finance Seminar, LSE Finance Seminar, Yale SOM Economics Seminar, HBS Entrepreneurial Management Seminar, Georgetown McDonough Seminar, Duke Fuqua Strategy Seminar
- 2014 Roundtable for Engineering Entrepreneurship Research (REER), November 8
- Centre for Economic Policy Research (CEPR) and Bank of Finland Entrepreneurial Finance, Innovation and Growth Conference, Helsinki, Finland, October 24
- Georgetown University McDonough School of Business Center for Business and Public Policy, Seminar, April 17
- Tsinghua-Harvard Workshop on Market Mechanisms to Achieve a Low-Carbon Future for China, Participant and rapporteur, June 3-4
- 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 (2015, 2016). For the 2016 conference, to be held October 15-16, 28 women will attend from finance departments in Asia, Europe, and North America.

I am 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.