

SABRINA T. HOWELL

Assistant Professor of Finance
NYU Stern School of Business
Finance Department
New York University

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EDUCATION

BA, Yale University, 2008

Majors: Economics, East Asian Studies

Summa cum laude, Phi Beta Kappa Junior Year (top 1% of class)

PhD, Harvard University, 2015

Economics Track, Political Economy & Government Program

Advisors: Professors Josh Lerner (Chair), David S. Scharfstein, Raj Chetty, and Joseph E. Aldy

RESEARCH FIELDS

Entrepreneurial Finance, Innovation, Risk Management, Energy, China

WORKING PAPERS

Howell, Sabrina. 2015. "Financing Constraints as Barriers to Innovation: Evidence from R&D Grants to Energy Startups." (*R&R at the AER*)

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. 2015. "Relaxing Constraints on Risk Management: Evidence from a Natural Experiment."

Howell, Sabrina. 2015. "Joint Ventures and Technology Adoption: A Chinese Industrial Policy that Backfired."

WORK IN PROGRESS

"Innovation Supply and Demand." With Ramana Nanda (HBS) and Ken Young (EPFL).

"Funding High-Growth Ventures in China: Foreign, Private, and State Venture Capital in Chinese Company IPOs." With Li Bo (Tsinghua PBC School of Finance).

"Very Early Venture Finance: An Evaluation of Pitch Competitions."

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.

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.

TEACHING

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|---------|---|
| 2016 | Entrepreneurial Finance, NYU Stern, syllabus design and course construction |
| 2013 | Energy Industry Economics & Policy Sophomore Tutorial, Harvard University Economics Department, solo syllabus design and 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

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| 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

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| 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

2016	NBER Productivity Seminar, Cambridge, MA, March 15 (planned) NBER Entrepreneurship and Economic Growth Conference at Duke University, paper presenter, February 12 (planned) Brigham Young University Finance Seminar, January 22 (planned)
2015	U Michigan Ross Finance Seminar, December 11 Salomon Center Five Star Conference, December 4 Dartmouth Economics Seminar, December 2 Stern Finance Seminar, 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)