

January 2022
PAULA STEPHAN
CURRICULUM VITAE (Abbreviated)

Biographical Information

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Education

B.A., economics, Grinnell College, Phi Beta Kappa
M.A., economics, University of Michigan
Ph.D., economics, University of Michigan

Professional Experience

Professor of Economics, Emerita, Georgia State University, June 2018-present
Research Associate National Bureau of Economic Research 2007-present
Professor of Economics Andrew Young School of Policy Studies, Georgia State University, 1996-2018
Associate Professor of Economics, Georgia State University, 1976-1981
Assistant Professor of Economics, Georgia State University, 1971-1976

Visiting Appointments, selected

Visiting Scholar, Max Planck Institute for Innovation and Competition, November 2014.
Visiting faculty, Department of Economics S. Cagnetti de Martiis, University of Turin, Fall 2011, Spring 2012
Fellow, International Centre for Economic Research, Turin, Italy, Fall 2009, Spring and Fall 2011.
Wertheim Fellow, Harvard University, February, March 2007
Visiting Fellow, Katholieke Universiteit Leuven, Leuven, Belgium, March, April, May 2005

Honors and Awards (selected)

Alumni Distinguished Professor Award, Georgia State University, 2003.
Fellow American Association for the Advancement of Science, 2011
Selected *ScienceCareers*' first Person of the Year, December 2012.
EHR Distinguished Lecture, National Science Foundation, April 17, 2014.
SBE Distinguished Lecture, National Science Foundation, February 11, 2016
Visiting Scholar, Phi Beta Kappa, 2018-2019

Editorial Assignments, recent

Board of Reviewing Editors: *Science*, 2012-2019

Panel, Committee and Advisory Board Memberships (selected)

Member Board on Science, Technology and Economic Policy, National Academies of Science, 2020-
Member of the School of Management Advisory Board, Politecnico di Milano, 2019-2022,
Member, SUNY Research Council, 2017-2023
Member, Committee on Next Generation Researchers, National Academies, 2016-2018.

Member, European Research Council's Expert Group on Key Performance Indicators, 2014-2015

Member, Committee on High-Skilled Immigration and the Global Competition for Talent, National Academies, 2014-2015

Member, Committee to Review the State of the Postdoctoral Experience in Scientists and Engineers, National Academies, 2011-2013

Member, Board on Higher Education and Workforce, National Research Council, 2009-2014.

Member, National Advisory General Medical Sciences Council, NIH, January 1, 2006-December 31, 2009 (appointed by U.S. Secretary of Health and Human Services Michael Levitt, November 2005).

Member, Social, Behavioral and Economics Advisory Committee, National Science Foundation, 2001-2008. (CEOSE representative 2001-2003).

Publications (Selected)

A. Books (Selected)

How Economics Shapes Science, Harvard University Press 2012. Translated into Korean and Chinese.

<http://www.hup.harvard.edu/catalog.php?recid=31302&content=reviews>.

Striking the Mother Lode in Science: The Importance of Age, Place and Time, (Paula Stephan and Sharon Levin), Oxford University Press, April 1992.

B. Selected articles, past ten years and key earlier publications

Chiara Franzoni, Reinhilde Veugelers, and Paula Stephan, "Funding Risky Research," forthcoming in *Entrepreneurship, Innovation Policy, and the Economy*, Edited by Josh Lerner and Scott Stern, University of Chicago Press, 2022.

Wes Cohen, Henry Sauermann and Paula Stephan, "Not in the Job Description: the Commercial Activities of Academic Scientists and Engineers," *Management Science on line*. ISSN 0025-1909; ISSN 1526-5501

Paula Stephan, Reinhilde Veugelers, Jian Wang "Reviewers Are Blinkered by Bibliometrics," *Nature*. 554(7651): 393-394, 2017.

Jian Wang, Reinhilde Veugelers, and Paula Stephan, "Bias against Novelty in Science: A Cautionary Tale for Users of Bibliometric Indicators", *Research Policy*, 2017, vol 46, issue 8, 1416-1436.

Chiara Franzoni, Giuseppe Scellato and Paula Stephan, "Context Factors and the Performance of Mobile Individuals in Research Teams," *Journal of Management Studies*, DOI, 10.1111/joms.12279

"Gender and the Publication Output of Graduate Students: A Case Study (Michelle Pezzoni, Jacques Mairesse, Paula Stephan and Julia Lane), *PLOS ONE*, January 13, 2016 <http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0145146>

"Wrapping it up in a person: Examining employment and earnings outcomes for PhD recipients" (Nikolas Zolas, Nathan Goldschlag, Ron Jarmin, Paula Stephan, Jason Owen-Smith, Rebecca Rosen, Barbara McFadden Allen, Bruce Weinberg and Julia Lane), *Science*, vol. 350, issue 6266, pp. 1367-1371, December 11, 2015

“Migrant Scientists and International Networks,” (Giuseppe Scellato, Chiara Franzoni and Paula Stephan), *Research Policy*, 44(1): 108-120, 2015.

“Global Competition for Scientific Talent: Evidence from Location Decisions of PhDs and Postdocs in 16 Countries” (Paula Stephan, Chiara Franzoni, and Giuseppe Scellato), *Industrial and Corporate Change*, 2015. doi: 10.1093/icc/dtv037

“Mobile Scientists: Superior Performance of Migrant Scientists” (Chiara Franzoni, Giuseppe Scellato and Paula Stephan), *Economics Letters* 122: 89–93, 2014.

“Foreign Born Scientists: Mobility Patterns for 16 Countries,” *Nature Biotechnology*, 30:150-153, 2012. (NBER Working Paper 18067).

“A Multidimensional View of Industrial and Academic Science,” (Henry Sauermann and Paula Stephan), *Organization Science*, September, 2012. (NBER Working Paper 16113, 2010).

“Changing Incentives to Publish,” (Chiara Franzoni, Giuseppe Scellato and Paula Stephan), *Science*, 33:702-703, 2011.

Conveying Quality and Value in Emerging Industries: Learning and Star Scientists in Biotechnology.” (Matthew Higgins, Paula Stephan and Jerry Thursby), *Research Policy*, 40:605-617, 2011.

“The Impact of Information Technology on Scientists’ Productivity, Quality and Collaboration Patterns (Waverly Ding, Sharon Levin, Paula Stephan and Anne Winkler). *Management Science*, Vol. 56, pp. 1439-1461, 2010.

“The Diffusion of IT in Higher Education: Publishing Productivity of Academic Life Scientists.” (Anne E. Winkler, Sharon G. Levin and Paula E. Stephan), *Economics of Innovation and New Technology*. Vol. 19, No.5, July 2010, 475-497

“Who’s Patenting in the University?” (Paula Stephan, Shif Gurm, A.J. Sumell and Grant Black), *Economics of Innovation and New Technology*, 61(2), pp. 71-99, 2007.

“Exceptional Contributions to U.S. Science by the Foreign-Born and Foreign-Educated” (Paula Stephan and Sharon Levin). *Population Research and Policy Review*, Vo. 20, Nos. 1-2 (April 2001), pp. 59-79.

“Careers of Young Scientists: Preferences, Prospects and Realities by Gender Field” (Mary Frank Fox and Paula Stephan). *Social Studies of Science*, Vol 31, No. 1, February 2001, pp. 109-122.

“Are the Foreign Born a Source of Strength for U.S. Science” (Sharon Levin and Paula Stephan), *Science*, 285, #5431, August 20, 1999, pp. 1213-1214.

“Knowledge Spillovers in Biotechnology: Sources and Incentives,” (David Audretsch and Paula Stephan), *Journal of Evolutionary Economics*, Vol. 9, No. 1, 1999, pp. 97-107.

“The Economics of Science,” *Journal of Economic Literature*, Vol XXXIV, September 1996, pp. 1199-1235.

"Company-Scientist Locational Links: The Case of Biotechnology" (David Audretsch and Paula Stephan), *American Economic Review*, Vol. 86, No. 3, June 1996, pp. 64-652.

"Research Productivity Over the Life Cycle: Evidence for Academic Scientists," (Sharon Levin and Paula Stephan), *American Economic Review*, Vol. 81, No. 1, pp. 114-132. March 1991.