

Caroline Fry

Curriculum Vitae

Appointments

University of Hawai'i at Manoa, Shidler College of Business Assistant Professor, Management and Industrial Relations	2020-
Invited researcher at J-PAL's Science for Progress Initiative	2023-

Education

Massachusetts Institute of Technology Ph.D: Technological Innovation, Entrepreneurship and Strategic Management Dissertation: The Very Invisible College: Global Science and African Participation Committee: Scott Stern (chair), Pierre Azoulay, Ezra Zuckerman	May 2020
The University of Cambridge MSci in Organic Chemistry	2010
The University of Cambridge BA Natural Sciences	2009

Research Interests

Innovation economics, economics of science, labor mobility, global knowledge networks, social networks, international business

Academic Articles

Management and Economics Publications

Fry, CV., (with Megan MacGarvie) *Drinking from the Firehose: Preprints, Quality Signals, and the Diffusion of Research on COVID-19*, Management Science, forthcoming

Fry, CV., (with Jeff Furman) *When do migrants build global networks? Evidence from the South-South migration of female scientists*, Organization Science Special Issue on Migration and Organizations, forthcoming

Fry, CV., (with John Lynham and Shannon Tran) *2023 Ranking Researchers: Evidence from Indonesia* Research Policy, 52 (5)

Fry, CV., *Bridging the Gap: The impact of return migration by African scientists*, Organization Science, forthcoming

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Fry, CV., *Crisis and the Trajectory of Science: Evidence from the 2014 Ebola Outbreak*, Review of Economics and Statistics, forthcoming

Fry, CV., (2021) *A Lasting Connection: Colonial Ties and Scientific Capabilities in Sub-Saharan Africa*, Economics of Innovation and New Technology, DOI:[10.1080/10438599.2021.1959325](https://doi.org/10.1080/10438599.2021.1959325)

Wagner, C., Cai, X., Zhang, Y., Fry, CV., (2021) *One Year In: COVID-19 Research at the International Level in COVID-19 Data*, PLOS One, 1-22

Fry, CV., Cai, X., Zhang, Y., Wagner, C., (2020) *Convergence in a Crisis: Patterns of International Collaboration in COVID-19 Research* PLoS ONE 15(7): e0236307.
<https://doi.org/10.1371/journal.pone.0236307>

Working Papers and Manuscripts Under Review

Fry, CV., (with Wendy Bradley) *Mind(ful) of the Gap: Gender Differences in the Perceived Returns to Entrepreneurship (Revise & Resubmit)*

Fry, CV., (with Shannon Tran) *Industry Engagement and the Development of Scientific Capabilities: Evidence from News of Pharmaceutical Malpractice in Nigeria (under review)*

Bibliometrics and Science Policy Publications

Zhang, Y., Cai, X., Fry, CV., Wu, M., Wagner, C., (2020) *Topic Evolution, Disruption and Resilience in Early COVID-19 Research* Scientometrics 1-29

Cai, X., Fry, CV., Wagner, C., (2021) *International Collaboration During the COVID-19 Crisis: Autumn 2020 Developments* Scientometrics 1-21

Marjanovic, S., Fry, CV., Chataway, J., (2012) *Crowdsourcing Based Business Models: In Search for Evidence for Innovation 2.0*, Science and Public Policy 39 (1)

Chataway, J., Fry, CV., Marjanovic, S., Yaqub, O., (2012) *Public Private Collaborations and Partnerships in Personalised or Stratified Medicine: Making sense of new interactions*. New Biotechnology, 29 (6) p.732-740

Conference and Invited Presentations

Immigrant Scientist Career Choices and the Shape of Science

- NBER meeting on Investments in Early Career Scientists, April 2023

When do migrants build global networks?

- NBER Summer Institute, July 2021
- Center for Global Development Research Seminar, July 2021
- CCC Innovation Brown Bag, May 2021
- Workshop on Migration and Innovation, Bourdeaux, May 2021

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- Migration and Organizations conference held by the Wharton school, May 2021

Drinking from the Firehose

- NUS China Innovation Seminar, December 2020
- NBER Development Conference, November 2020
- University of Hawai'i at Manoa Economics Department Brown Bag Series, October 2020

Building Bridges: The impact of return migration by African scientists

- New York University Development Economics Seminar, April 2021
- 13th Annual Conference on Migration and Development, World Bank, September 2020
- Workshop on Migration, Globalization and the Knowledge Economy, Bocconi University Italy, May 2020
- National Bureau of Economic Research Productivity Lunch, March 2020
- Roundtable for Engineering Entrepreneurship Research (REER) Conference, Georgia Tech, November 2019 (nomination for Kauffman Prize)
- Conference on Comparative Governance and Global Strategy, University of Michigan, October 2019
- MIT Sloan TIES seminar, September 2019
- Consortium on Competitiveness and Cooperation (CCC), June 2019
- MIT Economics Sociology Working Group, May 2019

Viral Privilege: Evidence from the Ebola epidemic

- EPFL Virtual Innovation Series, May 2020
- MIT Economics Sociology Working Group, February 2020
- Broad Institute of Harvard and MIT, Sabeti Lab Infectious Disease Research, April 2018

Teaching Experience

Fundamentals of Entrepreneurship – MGT 320	Spring 2021 & 2022
	Shidler College of Business, University of Hawai'i
Global Strategy (Executive MBA)	Fall 2019/Spring 2020
Graduate-level Teaching Assistance	MIT Sloan
(Instructor: Hiram Samel)	
Innovation Strategy (MBA)	Spring 2019
Graduate-level Teaching Assistant	MIT Sloan
(Instructor: Ben Roin)	
Global Start-Up Labs	Summer 2018
Entrepreneurship lead instructor and course designer	University of the Witwatersrand, South Africa
Competitive Strategy (Executive MBA)	Spring 2017
Graduate-level Teaching Assistant	MIT Sloan

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(Instructors: Pierre Azoulay, Scott Stern)

Experimentation in Management (MBA) Fall 2016
Graduate-level Teaching Assistant MIT Sloan
(Instructors: Don Sull, Neil Thompson)

Guest Lecturer 2017-2019
Institute of Publication Administration and Management, Sierra Leone

Grants and prizes

Shidler College of Business Dean's Office, appointment as Shidler College Faculty fellow 2022
for three years
Academy of Management TIM Division Best Dissertation Award Finalist 2021
MIT Doctoral Forum Thesis Prize – 2nd place 2020
NBER Science of Science Funding Initiative research grant (with Jeff Furman) 2019
MISTI Global Ambassador Award 2019
Roberts Hammond Krasner Fund, MIT Entrepreneurship Center 2019
MIT Legatum Center seed grant 2017
MIT Sloan PhD Fellowship 2016-2020

Service

Ad-hoc reviewer for Management Science, Organization Science, Strategic Management Journal,
Journal of Public Economics, Research Policy, Nature Communications, African Journal of
Management, Economics of Innovation and New Technology

Professional experience

The World Bank (South Africa)
Short Term Consultant April-August 2014

Innovations for Poverty Action (Sierra Leone)
Project Associate Sept 2012-March 2014

RAND (Rand Europe/RAND Qatar Policy Institute)
Associate Analyst in the Innovation and Technology Policy Team Mar 2011-Sept 2012

Medicines for Malaria Venture (Switzerland)
Research Consultant Sept 2010-Mar 2011