

Caroline Fry

Curriculum Vitae

Personal Information

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<https://caroline-fry.com/>

Citizenships: UK and USA

Languages: English (native), French, Spanish (proficient)

Appointments

University of Hawai'i at Manoa, Shidler College of Business 2020-
Assistant Professor, Management and Industrial Relations

Education

Massachusetts Institute of Technology

Ph.D: Technological Innovation, Entrepreneurship and Strategic Management May 2020

Dissertation: The Very Invisible College: Global Science and African Participation

Committee: Scott Stern (chair), Pierre Azoulay, Ezra Zuckerman

The University of Cambridge 2010

MSc in Organic Chemistry

The University of Cambridge 2009

BA Natural Sciences

Research Interests

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

Academic Articles

Publications

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)

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

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

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

Fry, CV., *Bridging the Gap: The impact of return migration by African scientists (Revise & Resubmit at Organization Science)*

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

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

Fry, CV., (with Jeff Furman) *When do migrants build global networks? Evidence from the South-South migration of female scientists*

Pre-Ph.D Publications

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

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
- 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

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- 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 Case Studies

Nigeria's 'New Oil': Fueling the Growth of the Music Industry in Lagos through Entrepreneurship (with Georgina Campbell Flatter, Sarah-Jane Maxted, Fiona Murray)

Balancing Innovation and Entrepreneurship in Ghana: Using Foreign Aid as a Lever of Change. (with Georgina Campbell Flatter, Sarah-Jane Maxted, Fiona Murray)

Teaching Experience

Global Strategy (Executive MBA) Graduate-level Teaching Assistance (Instructor: Hiram Samel)	Fall 2019/Spring 2020 MIT Sloan
Innovation Strategy (MBA) Graduate-level Teaching Assistant (Instructor: Ben Roin)	Spring 2019 MIT Sloan
Global Start-Up Labs Entrepreneurship lead instructor and course designer	Summer 2018 University of the Witwatersrand, South Africa
Competitive Strategy (Executive MBA) Graduate-level Teaching Assistant (Instructors: Pierre Azoulay, Scott Stern)	Spring 2017 MIT Sloan
Experimentation in Management (MBA) Graduate-level Teaching Assistant (Instructors: Don Sull, Neil Thompson)	Fall 2016 MIT Sloan

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

Grants and prizes

Academy of Management TIM Division Best Dissertation Award Finalist	2021
MIT Doctoral Forum Thesis Prize – 2 nd 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, Journal of Public Economics, Research Policy, Nature Communications, African Journal of Management, Economics of Innovation and New Technology

Professional experience

Directorate of Science, Technology and Innovation (Sierra Leone) Fellow (part time)	2018-2019
The World Bank (South Africa) Short Term Consultant	April-August 2014
Innovations for Poverty Action (Sierra Leone) Project Associate	Sept 2012-March 2014
RAND Qatar Policy Institute (Qatar) Associate Analyst	Apr-Jul 2012
RAND (Rand Europe) Associate Analyst in the Innovation and Technology Policy Team	Mar 2011-Sept 2012
Medicines for Malaria Venture (Switzerland) Research Consultant	Sept 2010-Mar 2011
CIPLA Pharmaceutical Company (India) Visiting Researcher	Jul-Sept 2009