**Nataliya Langburd Wright**
Cambridge, MA 02138
(215) 534-5407
nlangburdwright@hbs.edu

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Dear Representatives of the NBER Economics of Digitization Tutorial:

I would love to participate in the NBER Economics of Digitization Tutorial, which I believe will provide me valuable research insights and community to complement my research interests on the impact of digitization on global entrepreneurship. I am in the third year of my PhD in Business Administration at Harvard Business School, where my major is strategy, and two minors are innovation/digitization and entrepreneurship.

My research interests focus on the effects of digitization on entry into entrepreneurship around the world and the subsequent growth and direction of innovation of this entrepreneurship. For example, in one research project (with Shane Greenstein and Frank Nagle), I assess the impact of open source software on global technology entrepreneurship outcomes, including new venture formation, financing, and the global- and mission- orientation of ventures using data from GitHub and startup databases. We find that open source software boosts the quantity and quality of entrepreneurship across countries.

In another research project (with Tarun Khanna and Rem Koning), I assess whether judges discount foreign startups in international venture competitions conducted digitally, using data from a global accelerator and website page visits. We find evidence of home bias that is not driven by informational mechanisms, like local expertise, and results in judges missing out on promising ventures.

In a third research project, I measure how early exposure to international customers, enabled by digital platforms, impacts the growth and direction of innovation of ventures, using data from an early stage product platform, website text of startups, startup databases, and website page visits. I regularly employ machine learning and natural language processing techniques leveraging structured and unstructured data in my research.

These research interests in digitization emerged from my past work at the White House Council of Economic Advisors and the World Bank, where I saw the important policy implications of digitization's effects on the labor market and broader economic outcomes.

The NBER Economics of Digitization Tutorial will provide me with a deeper understanding of digitization and exposure to its fantastic research community. I am eager to learn from the diverse perspectives of faculty and peers active in this research area and participate in the cross-fertilization of knowledge that will enrichen my research ideas on digitization, entrepreneurship, and strategy, as well as offer collaboration opportunities. I hope to be an active member of this community both during my doctoral program and beyond in my academic career.

Kind regards,



Nataliya Langburd Wright

## EDUCATION

**Harvard Business School, Boston, MA** August 2018 – Present
*PhD in Business Administration (Major: Strategy, Minors: Innovation & Entrepreneurship)*

- Relevant courses: Microeconomic Theory I/II; Econometrics I/II; Economics of Information; Empirical Studies in Innovation and Digitization; Machine Learning; Experimental Economics
- Teaching: Teaching Fellow (Strategy & Tech. MBA course); Instructor (PRIMO Program)

**University of Cambridge, Cambridge, UK** April 2016
*Master of Philosophy (MPhil) in International Relations and Politics*

- Thesis: The Role of Private Enterprise in Anglo-American Foreign Policy

**Yale University, New Haven, CT** May 2014
*B.A. in Economics; Global Affairs, magna cum laude with distinction in majors; Phi Beta Kappa*

- Economics Senior Essay: Financial Market Reactions to the Shale Gas Boom: an Event Study

## WORKING PAPERS

Wright, Nataliya, Frank Nagle, and Shane M. Greenstein. 2020. "Open Source Software and Global Entrepreneurship." Harvard Business School Technology & Operations Mgt. Unit Working Paper 20-139.

## SELECTED PRESENTATIONS

"Judging Foreign Startups"

- HBS Digital Workshop (Virtual; October 2020)

"Crowd Platforms and Global Entrepreneurship: Evidence from GitHub"

- Strategic Management Society Special Conference (Berkeley, CA, *postponed*)

"Geographic Preferences in New Venture Investment"

- Innovation Growth Lab Winter Research Meeting (Amsterdam, Netherlands; November 2019)

"Acquiring Knowledge from the Crowd: Evidence from Emerging Markets"

- University of San Andres/Yale University (Buenos Aires, Argentina; October 2019)

"Technological Acquisition in Emerging Market Firms."

- Academy of International Business (Denmark; June 2019), Best Paper in EM Finalist

"Strategic Tradeoffs in Technology Investments: Evidence from GDPR."

- HBS Digital Workshop (Boston, MA; May 2019)

## INVITED CONSORTIA

- NBER Young Scholars Workshop on the Economics of AI (Virtual, September, 2020)
- Academy of Management Doctoral Consortium in Entrepreneurship (Virtual, August, 2020)
- NBER Entrepreneurship Research Boot Camp (Virtual, August 2020)
- PhD Workshop, Innovation Growth Lab (Amsterdam, Netherlands, November 2020)

## SERVICE ACTIVITIES

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|---|---|
| Co-Organizer of HBS Digital Doctoral Workshop | 2018 – present |
| HBS Digital Initiative Student Advisory Board | 2018 – present |
| Department Representative for Harvard Graduate Student Council | 2018 – present |

## PROFESSIONAL EXPERIENCE

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|---|---|
| World Bank, Senior Consultant | 2015 – present |
| Staff Economist, White House Council of Economic Advisors | 2016 – 2018 |