Nataliya Langburd Wright
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Dear Representatives of the NBER Young Scholars Workshop on the Economics of Artificial Intelligence:

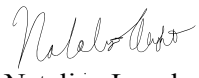
I would be thrilled to participate in the NBER PhD Workshop on the Economics of Artificial Intelligence (AI), as the economics of AI, particularly related to entrepreneurial and human capital outcomes internationally, is a key aspect of my research interests.

In my current research (with Shane Greenstein and Frank Nagle), I am assessing the impact of open source software, which increasingly comprises AI applications (e.g. via the advent of TensorFlow), on global technology entrepreneurship outcomes, including new venture formation, financing, and directional indicators. In another research project, I am assessing how AI ventures scale across geographies, what frictions they face in this scaling process, and how they navigate tradeoffs between external validity and accuracy. I regularly employ machine learning and natural language processing techniques leveraging structured and unstructured data in my research.

I also am interested in the human capital dimensions of AI, particularly how it is changing the nature of work, for example, through modularization of tasks, substitution, and complementarities. Having seen the policy importance of such questions both for advanced and emerging economies through my past work at the White House Council of Economic Advisors and the World Bank, I hope to pursue further research in this area.

The NBER PhD Workshop provides a valuable setting for me to gain a deeper foundation in economics of AI research and exposure to its cutting-edge 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 AI related to entrepreneurship and human capital, as well as provide opportunities for collaboration. I am eager to be an active member of this community both during my doctoral program and beyond in my academic career.

Kind regards,



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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; Foundations of Strategy; Economics of Ideas, Innovation, and Entrepreneurship; Machine Learning and Big Data; Experimental Economics; Theoretical and Empirical Perspectives on Entrepreneurship: Economics
- Research interests in international digitization and entrepreneurship issues
- 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

SELECTED PRESENTATIONS

"Crowd Platforms and Global Entrepreneurship: Evidence from GitHub"

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

"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 Conference on Perspectives on Poverty and Human Development (Buenos Aires, Argentina; October 2019)

"Technological Acquisition in Emerging Market Firms."

- Academy of International Business Annual Meeting (Copenhagen, Denmark; June 2019)
- Best Paper Award in Emerging Economies Research Finalist (1 of 2)

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

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

INVITED CONSORTIA

- NBER Entrepreneurship Research Boot Camp (Virtual, *forthcoming*)
- PhD Workshop, Innovation Growth Lab (Amsterdam, Netherlands, November 2020)

SERVICE ACTIVITIES

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

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