Patryk Perkowski
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I am a first year PhD student at Columbia Business School looking to attend the NBER Economics of Digitization meeting. My academic and professional background in economics research, plus my interests in organizational economics, online labor markets, and field experiments, make me a strong candidate for the graduate tutorial.

My academic background and professional experiences have given me the necessary skills to conduct rigorous research on how online platforms affect employment dynamics. I attended the City University of New York and graduated in 2014 with a double major in mathematics and economics, with graduate coursework in each. Upon graduation, I joined the Federal Reserve Bank of San Francisco as a research associate, where I worked with Bart Hobijn on projects related to labor market dynamics. I then pursued an opportunity to learn about field experiments by working as Chris Blattman's research assistant at Columbia University/The University of Chicago. Through these experiences, I learned state-of-the-art methods in experimental economics and the data analysis skills necessary to produce high quality research.

Although my background is in economics, I chose a business school PhD to gain a rigorous training in economics while simultaneously receiving access to business school resources that allow me to test and refine theories in the real world. I am currently taking the microeconomics and econometrics sequence with the Columbia economics PhD students, plus business school classes on interdisciplinary subjects relating to my interests. This combination allows me to gain a thorough understanding of economic theory, while having the flexibility to take classes in other disciplines. On the economics side, I anticipate taking labor economics, organizational economics, and industrial organization. I plan to complement this with statistics courses on machine learning, political science classes on experimental methods, and business school seminars on platforms and the digital economy.

In the future, I want to leverage my experiences at the Fed and Columbia to design experiments on online platforms that examine how digitization is shaping the future of work. For example, what effect will digitization have on the efficiency of employer-employee matching? Second, how will job platforms alter the division of labor at firms? Finally, how will market design affect human resource strategy such as investment in human capital?

I have already started working with top digitization scholars at Columbia to answer some of these questions. For example, Bo Cowgill and I are currently designing a field experiment on a digital labor market platform to understand the effects of non-compete clauses on employee wages and mobility. Second, Dan Wang and I have been discussing conducting an audit study on LinkedIn to understand the returns to self-employment once entrepreneurs enter wage employment. Finally, I am designing a study that uses Indeed.com to understand how job competition (larger applicant pools) affects discrimination through employer attention allocation and cognitive depletion.

The NBER Economics of Digitization graduate tutorial would greatly enhance my development as a scholar of online labor markets. I would be honored if accepted.

PATRYK PERKOWSKI

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Education

2017-22 COLUMBIA BUSINESS SCHOOL

PhD in Management
Completing Columbia economics PhD core courses in microeconomics and econometrics
Funded by NSF-GRFP for economics

2010-14 QUEENS COLLEGE, CITY UNIVERSITY OF NEW YORK

B.A. in Economics and Mathematics
Member of Macaulay Honors College (full tuition scholarship)
Valedictorian of Class of 2014

Research experience

2015-17 RESEARCH ASSOCIATE at Columbia University/The University of Chicago

Conducted data analysis for Chris Blattman and produced tables for papers that were subsequently published in the AER, ReStat, and AEJ-Applied

2014-15 RESEARCH ASSOCIATE at the Federal Reserve Bank of San Francisco

Assisted Bart Hobijn and other staff economists in producing academic research and high-level briefings on monetary policy and the economic outlook

Research interests

Organizational economics
Digitization and online labor markets
Entrepreneurship
Field experiments

Research publications

2015 "Majority of Hires Never Report Looking for a Job," *FRBSF Economic Letter 2015-10,* with Carlos Carrillo-Tudela, Bart Hobijn, and Ludo Visschers

Covered by Bloomberg, The Wall Street Journal, and Vox

Working papers

2016 "The Industry and Occupation Mix of Job Openings and Hires," *Working paper,* with Bart Hobijn

Conference presentations

2014 DUI PUNISHMENTS, ALCOHOL TAXES, AND THE PROPENSITY TO DRINK AND DRIVE at the Celebration of Macaulay Scholarship, *New York, NY.*

2014 DUI PUNISHMENTS, ALCOHOL TAXES, AND THE PROPENSITY TO DRINK AND DRIVE at the National Council on Undergraduate Research Conference, *Lexington, KY.*

2013 REIMAGINING A TEST-OPTIONAL ADMISSIONS POLICY at the National Collegiate Honors Council Conference, *New Orleans, LA.*

2013 COST SHARING, HEALTH EXPENDITURE AND UTILIZATION: AN INTERNATIONAL PROSPECTIVE at the Baker Institute Student Forum's Health Care Policy Competition, *Houston, TX.*

2013 COST SHARING, HEALTH EXPENDITURE AND UTILIZATION: AN INTERNATIONAL PROSPECTIVE at the National Council on Undergraduate Research Conference, *La Crosse, WI.*

Honors and Awards

2017-20 NATIONAL SCIENCE FOUNDATION GRADUATE RESEARCH FELLOWSHIP (in economics)

2014 PAUL KLAPPER SCHOLARSHIP, Queens College's highest academic honor

2014 MATTHEW SIMON AWARD for a record of superior scholarship in economics

2014 PERSIA CAMPBELL AWARD for outstanding research paper in economics

2014 BANESH HOFFMAN MEMORIAL AWARD for excellence in mathematics

2014 FULBRIGHT ENGLISH TEACHING ASSISTANT FELLOWSHIP to Malaysia, *declined*

2013 PHI BETA KAPPA

2013 WINNER OF THE BAKER INSTITUTE STUDENT FORUM'S HEALTH CARE POLICY COMPETITION, a national public policy competition at Rice University

Skills

STATA
Excel
Haver
Linux