

Jeffrey A. Levy

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EDUCATION	Ph.D. in Economics, American University 2020 Dissertation: <i>“Essays on Uncertainty and Macroeconomic Dynamics”</i> Committee: Xuguang Sheng (Chair, American University), Gabriel Mathy (American University), Scott Baker (Northwestern University), Svetlana Makarova (University College London)
	M.S. in Economics, American University 2014
	B.A. in Economics & Political Science, Michigan State University 2010
FIELDS AND INTERESTS	<ul style="list-style-type: none">• Empirical macroeconomics and time series analysis• Principles of micro and macro economics• Pedagogy and research methods• Simulations and agent based modeling
EXPERIENCE	University of Chicago Harris School of Public Policy Chicago, IL <i>Assistant Instructional Professor</i> <i>April 2019 - current</i> I primarily teach MPP students in microeconomics, and in research methods classes focusing on conducting research using quality data and programming techniques in Python and R.
	Urban Institute Washington, DC <i>Data Scientist</i> <i>June 2016 - April 2019</i> I was part of a small Research Programming team that becomes involved in research throughout the institute in order to help with difficult technical and analytical barriers. My particular expertise was in Python, big data, automated data retrieval, text and unstructured data, and cross-platform and web interactions. Other notable areas of work included Stata, SAS, R, big data with Apache Spark, survey data, data visualization, and machine learning.
	American University Washington, DC <i>Adjunct Faculty</i> <i>Fall 2016</i> <i>Teaching Assistant</i> <i>Fall 2012 - Spring 2016</i> <i>Research Assistant</i> <i>Summer 2013, 2014, 2016</i>
	Brookings Institution Washington, DC <i>Research Intern</i> <i>Fall 2013</i>
PUBLICATIONS	Scott Baker, Steven Davis, and Jeffrey Levy, “State and regional economic uncertainty,” <i>Working Paper</i> . <small>[NBER]</small> Jeffrey Levy, Gabriel Mathy, and Xuguang Sheng, “The causal impact of uncertainty shocks: evidence from military base closures,” <i>In progress</i> .

TEACHING
EXPERIENCE

University of Chicago, Harris School of Public Policy

PPHA 30535: Data and Programming for Public Policy I

- Spring 2022 (Python)
- Spring 2021 (Python)
- Summer 2020 (Python)
- Spring 2020 (Python)
- Spring 2019 (Python)

PPHA 30535: Data and Programming for Public Policy II

- Winter 2022 (R)
- Autumn 2021 (Python)
- Winter 2021 (R)
- Autumn 2020 (Python)
- Autumn 2019 (Python)

PPHA 52000: Individual Reading and Research

- Spring 2021

PPHA 23400: Principles of Microeconomics and Public Policy II

- Spring 2020
- Spring 2019

American University, Department of Economics

Principles of Microeconomics

- Fall 2016

RECOGNITION
AND AWARDS

2021 Outstanding Lecturer of the Year (nominated)

Harris School of Public Policy student body

2016 President's Award for Technology Innovation in Research (winner)

Urban Institute

2010 University Undergraduate Research and Arts Forum: History, Political Science and Economics (winner)

Michigan State University

PRESENTATIONS

Discussion panel: Harris School of Public Policy

2021

"From New Grad to Analyst: Making the Transition" Chicago, IL. [description]

Guest lecture: University of Science and Technology of China

2020

"Introduction to Machine Learning for Economists" Heifei, China [notebook]

Urban Institute Webinar

2017

"Spark for Social Science" Washington, DC. [slides]

Southern Economic Association Annual Meeting

2016

"Regional Variation in Economic Uncertainty" Washington, DC. [conference]

Urban Institute Brown Bag Series

2016

"Python for Researchers" Washington, DC. [slides]

Center for Advanced Modeling at Johns Hopkins University 2014
“*Contract Enforcement and Group Formation: An Agent Based Model of the Maghribi Traders*” Baltimore, MD.

LEADERSHIP
AND SERVICE

Python Software Foundation, Contributing Memeber 2017 - current

SKILLS

Python and R: Pandas and Tidyverse, web scraping, text and language processing, econometrics, machine learning, simulations, big data with Apache Spark

Other: Stata, MatLab, SAS, SQL, L^AT_EX, GitHub, Office