

SETH MURRAY

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EDUCATION

- Ph.D. Economics, University of Maryland at College Park, 2020
Dissertation: *Essays on Wages and Employment Over the Business Cycle*
Committee: Prof. John Haltiwanger (Chair), Prof. Boragan Aruoba,
Prof. Judith Hellerstein, Prof. John Shea, Dr. Henry Hyatt
- B.A. Mathematics and Economics, Swarthmore College, 1998

WORKING PAPERS

[“Downward Nominal Wage Rigidity’s Effect on Employment Through Job Destruction: Evidence from the Great Recession,”](#) 2021, submitted

[“Female Executives and the Motherhood Penalty,”](#) 2021, with Danielle Sandler and Matthew Staiger

[“Measurement of Nominal Wages in Administrative Earnings Data and Evidence on Models of Wage Adjustment,”](#)2020

[“Job Losses During the Onset of the Covid-19 Pandemic: Stay-at-home Orders, Industry Composition, and Administrative Capacity,”](#) 2020, with Edward Olivares

[“Cyclical Labor Market Sorting,”](#) 2020, revise and resubmit at the *Journal of Econometrics*, with Leland Crane and Henry Hyatt

[“Business Income Dynamics and Labor Market Fluidity,”](#) 2020, submitted, with Henry Hyatt and Kristin Sandusky

[“Retirements, Vacancy Chains, and the Decline in Employer-to-Employer Transitions,”](#) 2019

TEACHING EXPERIENCE

Instructor, Econometrics II (undergraduate), University of Maryland, Summer 2019

RESEARCH AND WORK EXPERIENCE

Economist, Federal Reserve Board of Governors, Fall 2020 – present

Research Assistant, U.S. Census Bureau, Fall 2016 – Summer 2020

Research Assistant, Prof. Will Dobbie, Princeton University, Summer 2015 - Summer 2016

Founder and President, various technology startups, Winter 2000 - Summer 2013

Economic Consultant, Ernst & Young, Boston, Summer 1998 - Winter 2000

GRANTS AND AWARDS

Roger and Alicia Betancourt Fellowship in Applied Economics, Fall 2019
Retirement Dissertation Fellowship, Center for Retirement Research, Boston College, 2018
High Honors in Economics and Mathematics, Swarthmore College 1998
Adam's Prize for Best Senior Thesis, Economics Department, Swarthmore College, 1998

CONFERENCE AND SEMINAR PRESENTATIONS

2020: NBER Summer Institute, ESCoE Conference on Economic Measurement, Southern Economic Association Meeting, Texas A&M University
2019: U.S. Bureau of Labor Statistics, U.S. Census Bureau
2018: Econometrics Society North American Summer Meeting, Western Economics Association Meeting, Bates College, U.S. Census Bureau, NBER Summer Institute (coauthor presented), American Economic Association meeting (coauthor presented)
2017: U.S. Census Bureau, NBER Summer Institute (coauthor presented)

PATENTS AND PATENT APPLICATIONS

“Generating topic-specific language models,” 2018, US Patent 9,892,730
“Ranking search results,” 2012 and 2016, US Patents 8,176,043 and 9,348,915
“System and method for personalized search of television content using a reduced keypad,” 2006, US Patent Application 11/270,023