

David Childers

Assistant Professor of Economics
Carnegie Mellon University
Tepper School of Business

Home Address:

6015 Spirit St.
Apt. 115
Pittsburgh, PA 15206

Office Address:

GSIA 316 b
Carnegie Mellon University
Pittsburgh, PA 15213

Telephone: 410-615-6047

E-mail: dchilder@andrew.cmu.edu

Personal web page: <https://sites.google.com/site/davidbchilders/>

Citizenship: United States

Fields of Concentration:

Econometrics
Macroeconomics
Computational Economics

Degrees:

Ph.D., Economics, Yale University, 2016
Dissertation Title: *Computational Methods for Economic Models with Function-Valued States*
Committee: Peter C.B. Phillips, Anthony A. Smith, Jr., Costas Arkolakis
M.Phil., Economics, Yale University, 2013
M.A., Economics, Yale University, 2011
B.S.F.S. International Economics *Summa Cum Laude* Georgetown University, 2009

Fellowships, Honors and Awards:

University Dissertation Fellowship, Yale University 2014
Kent T. Healy Fellowship, Yale University, 2013-2014
Cowles Foundation Fellowship, 2009-2013
Doctoral Fellowship, Yale University 2009-2015
William F. Notz Medal, Georgetown University, 2009

Teaching:

Econometrics II (73-374) (Fall 2016, 2017)
Econometrics I (PhD) (47-811) (Fall 2017)
Computational Methods for Economics (47-805) (Spring 2018)

Work Experience:

Research Assistant to David Atkin, Fall 2011
Research Assistant to Nancy Qian, Summer 2010

PhD Students Advised:

Eungsik Kim (committee member) (PhD expected 2019)
Wenting Yu (committee member) (PhD expected 2019)

Working Papers:

“Solution of Rational Expectations Models with Function Valued States” (2018, submitted to *Econometrica*)

In Progress:

“Automated Solution of Heterogeneous Agent Models”

“Perturbation Methods for Incomplete Markets Economies” with Sushant Acharya and Keshav Dogra

“Estimation of Function Valued State Space Models”

"Solving Ill-Posed Function-Valued Rational Expectations Models"

“Dynamics of Spatial Economies” with Treb Allen and Costas Arkolakis

Referee Service:

Journal of Econometrics, Macroeconomic Dynamics, Operations Research

Presentations:

2016: University of Illinois Urbana-Champaign, Carnegie Mellon University, UC San Diego, Chicago Fed Computational Conference, Society for Economic Dynamics, Stanford Institute for Theoretical Economics ‘Computational Methods for Dynamic Economies and Games’, University of Pennsylvania
2017: Indiana University, Federal Reserve Bank of New York

Languages:

English (native), Spanish, Mandarin (basic)