

Thomas Phelan

CONTACT

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GitHub: <https://github.com/tphelanECON>

PROFESSIONAL EXPERIENCE

Research Economist II **January 2023 -**
Federal Reserve Bank of Cleveland

Research Economist I **July 2018 - December 2022**
Federal Reserve Bank of Cleveland

Instructor **2014 - 2018**
University of Minnesota

- Taught undergraduate *Principles of Microeconomics* and *Public Economics*, and math refresher course for incoming graduate students.

Research Assistant **2015 - 2017**
Federal Reserve Bank of Minneapolis

Teaching Assistant **2012 - 2014**
University of Minnesota

- Teaching assistant for PhD Microeconomics sequence and *Principles of Microeconomics*.

EDUCATION

PhD, Economics **2012 - 2018**
University of Minnesota

MPhil, Mathematics **2011 - 2014**
Australian National University

BSc, Mathematics **2007 - 2010**
Australian National University

RESEARCH

Journal Publications

- Thomas Phelan and Keyvan Eslami. Applications of Markov chain approximation methods to optimal control problems in economics. *Journal of Economic Dynamics and Control*, 143:104437, October 2022.
- Thomas Phelan and Alexis Akira Toda. Optimal epidemic control in equilibrium with imperfect testing and enforcement. *Journal of Economic Theory*, 206:105570, December 2022.

Working Papers

- The Optimal Taxation of Business Owners. Federal Reserve Bank of Cleveland WP 19-26R, May 2021.
- On the Optimality of Differential Asset Taxation. Federal Reserve Bank of Cleveland WP 19-17R, September 2022.

Federal Reserve Publications

- Ben R. Craig, Tom Phelan, Jan-Peter Siedlarek, and Jared Steinberg. Improving Epidemic Modeling with Networks. Economic Commentary, (2020-23), September 2020.
- Ben R. Craig, Tom Phelan, Jan-Peter Siedlarek, and Jared Steinberg. Modeling Behavioral Responses to COVID-19. Economic Commentary, (2021-05), March 2021.
- Ben R. Craig, Tom Phelan, Jan-Peter Siedlarek, and Jared Steinberg. Two Approaches to Predicting the Path of the COVID-19 Pandemic: Is One Better? Economic Commentary, (2021-10), April 2021.
- Jordan Manes, Emily Moschini, and Tom Phelan. Student Debt Incidence: Recent Data and Conceptual Issues. Economic Commentary, (2022-16), December 2022.

CONFERENCE PRESENTATIONS

- 2017: Fall Midwest Macro meetings (Penn State University).
- 2018: Fall Midwest Trade and Theory Meetings (Vanderbilt University); Fall Midwest Macro Meetings (Vanderbilt University).
- 2019: Spring Midwest Macro Meetings (University of Georgia); Annual Meeting for the SED (St. Louis); Fall Midwest Macro Meetings (Michigan State University); University of New South Wales.
- 2020: Western University (virtual).
- 2021: Annual Meeting for the SED (virtual, University of Minnesota); Annual Meeting of the Southern Economic Association (virtual, Houston); European Winter Meeting of the Econometric Society (virtual).
- 2022: Spring Midwest Macro Meetings (Utah State University); Annual Meeting for the SAET (virtual); Annual Meeting of the Southern Economic Association (Ft. Lauderdale).

REFEREE SERVICE

Journal of Economic Theory, Journal of Mathematical Economics, Economic Letters, The Economic Journal, Review of Economic Dynamics.

SKILLS

Programming Python, Matlab, LaTeX, STATA