

Sean Callahan

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PROFESSIONAL SUMMARY

Economics Ph.D. student at Colorado State University specializing in macroeconomics, production networks, and the political economy of structural transformation. Research examines how fiscal policy transmits through input-output linkages, how distributional dynamics shape demand and growth, and how state policy can direct sectoral change. Empirical work draws on spatial econometric methods, panel data, and inter-country input-output tables to analyze shock propagation, regional inequality, and industrial policy. Instructor of record for Intermediate Macroeconomics, with experience developing curriculum that connects macroeconomic theory to policy applications.

EDUCATION

Doctor of Philosophy, Economics Colorado State University, Fort Collins, Colorado	08/2021 - Present
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Bachelors of Science, Economics University of Minnesota - Twin Cities, Minneapolis, Minnesota	09/2019 - 05/2021
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Bachelors of Science, Psychology University of South Dakota, Vermillion, South Dakota	08/2015 - 05/2019
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TEACHING EXPERIENCE

Graduate Teaching Instructor - <i>Intermediate Macroeconomics</i> Department of Economics, CSU, Fort Collins, Colorado	08/2024 - 07/2025
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- Instructor of record.
- Build on students' theoretical foundation to construct the IS-MR-PC model and long-run growth models.
- Data exercises to evaluate the convergence hypothesis
- Directed student group projects to evaluate a policy of their choice across a variety of different topics

Graduate Teaching Instructor - <i>Environmental Economics</i> Department of Economics, CSU, Fort Collins, Colorado	08/2024 - 07/2025
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- Instructor of record
- Build an economic foundation for non-majors to identify and evaluate environmental issues from an economics lens.
- Focus on theoretical issues and policy outcomes in environmental economics.
- Directed student group projects to evaluate a policy of their choice across a variety of different topics

Graduate Teaching Assistant - *Principles of Microeconomics/Macroeconomics* 01/2022 - 05/2024
Department of Economics, CSU, Fort Collins, Colorado

- Facilitate the acquisition and retention of economic concepts and tools.
- Encourage student-to-student and student-to-instructor discussions regarding relevant current events.
- Create an open, welcoming environment for students.
- Encourage students to seek one-on-one assistance during office hours or by appointment.
- Lecture in place of the course instructor when they are unavailable.
- Acceptable degree of freedom to teach in preferred ways.
- Change the pace of grading based on the requests of the instructor and students.

Graduate Research Assistant - *With Tim Komerak* 03/2023 - 05/2023
Department of Economics, CSU, Fort Collins, Colorado

- Identify potentially significant variation in Endangered Species Act data and how it may relate to county-level economic outcomes.
- Conduct literature review of academic research in economics related to Colorado.

Graduate Teaching Assistant - *Behavioral Economics* 01/2023 - 05/2023
Department of Economics, CSU, Fort Collins, Colorado

- Assist the instructor in the development of the course by investigating behavioral experiments to conduct in lecture.
- Data collected for analysis with the possibility of future publication in collaboration with fellow graduate students and tenured professor.

Graduate Intern - *Food Systems Institute* 06/2022 - 08/2022
Department of Economics, CSU, Fort Collins, Colorado

- Assisted project manager with data collection, manipulation, and organization for the creation of a county-level map illustrating food insecurity.
- Met weekly with the manager on progress and expected timeline for the completion of my work.
- Developed a data dictionary for web developer for ease of use and efficiency.
- Contributed significantly to my proficiency with R and tidyverse.

SKILLS

Coding in R; Econometrics (panel, time series, causal inference); Data Management (tidyverse, data.table); Spatial analysis (spdep, spatialreg, sf); Reproducible research (R Markdown, Quarto); Economic Theory (Keynesian Macro, Production Networks, Growth and Development)

CONFERENCES/WORKSHOPS

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- Western Economic Association International Conference (7/2026)
 - John Jay-New School Conference on Contemporary Political Economy (2/2026)
 - Eastern Economics Association Conference (2/2025)
 - Forum for Macroeconomics and Macroeconomic Policies (FMM) Student Workshop (7-8/2024)
 - Economic Policies in the Context of the Socio-Ecological Transition (YSI-IPE Workshop; 7/2024)
 - Eastern Economics Association Conference (2/2024)

- CSU, Department of Economics, Graduate Brown Bag Series (2023)
- CSU-UU Graduate Student Workshop (2023)
- CSU-WU Graduate Student Workshop (2023)