

Ishan Phadke

University of North Carolina – Chapel Hill

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Education

- University of North Carolina, Chapel Hill – PhD in Economics *Anticipated May 2025*
- University of North Carolina, Chapel Hill – MA in Economics *May 2022*
- The Pennsylvania State University – BS in Mathematics & Economics *May 2019*
-Schreyer Honors College, Millennium Scholars Program & Paterno Fellows Program

Research Fields

- Industrial Organization, Health Economics, Applied Econometrics

Working Papers

- “Rewarding Incremental Innovation: Pharmaceutical Line Extensions” – Job Market Paper
- Existing work, on welfare implications of policy fixes for pharmaceutical line-extension exclusivity rewards, neglects to model the firm’s timing incentives, which are affected in alternate policies. I solve for the firm’s launch and pricing decisions using a dynamic model, accounting for a state dependent demand system of consumer inertia. With this model, I calculate and compare welfare under alternate policies.
- “How Costly are Pharmaceutical Line Extensions?”

Research & Professional Experience

- Cornerstone Research (Boston, MA) – Summer Associate *Summer 2023*
- Odum Institute for Research in Social Science – Manuscript Data Verifier *May 2022-Dec 2023*
- Research Assistant – Dr. Katriona Shea and Dr. Jessica M. Conway *Jan 2016-June 2019*
- S.M.A.L.L. REU at Williams College with Dr. Julie Blackwood *Summer 2018*
- Lincoln Financial Group (Greensboro, NC) – Actuarial Intern *Summer 2017*

Works in Progress

- “Patient Responses to Formulary Changes”, with Josh Feng and Luca Maini
- “Worth the Hype?: Assessing Why Limited Unit Auctions with High Resale Value Occur”
- “To Shrink or not Shrink: Evaluating Differences between Firm’s Product Size Decisions”, with Thomas Bollinger and Drew van Kuiken

Publications

- “Analysing How Changes in the Health Status of Healthcare Workers Affects Epidemic Outcomes”, *Epidemiology and Infection* (2021)
- “Management Efficacy in a Metapopulation Model of White-Nose Syndrome”, *Natural Resource Modeling* (2021)
- “Governance Structure Affects Transboundary Disease Management Under Alternative Objectives”, *BMC Public Health* (2021)

Teaching Experience

- Course Instructor (UNC) – Intro to Economics (Micro & Macro) *Summer 2022 & 2024*
- Course Instructor (UNC) – Industrial Organization *Spring 2023*
- Head TA (UNC) – Intro to Economics *Fall 2024-2025*
 - Aided instructor with course logistics and managed 12 TAs to help a course of 800 students
- Teaching Assistant (UNC) *Fall 2020-Spring 2024*
 - Intro Economics (x3), Industrial Organization, Intro Econometrics, Labor, Entrepreneurship, Advanced Microeconomics

Presentations

- Southern Economics Association (SEA) *November 2023 & 2024*
- WUSTL Graduate Student Conference *October 2024*
- Triangle IO Conference *April 2024*
- American Society of Health Economists (ASHEcon) *June 2024*
- Joint Mathematics Meeting (JMM) *January 2019*
- Annual Biomedical Research Conference for Minority Students (ABRCMS) *November 2017*
 - Awarded a top presentation award in the category of Computational Biology

Honors/Awards

- UNC Economics Best Undergraduate Course TA Award *May 2023*
- Pennsylvania State University Outstanding Student in Economics Award *October 2018*
- Eagle Scout *August 2014*

Leadership/Service

- Graduate Professional Student Government Senator (UNC) *Fall 2021 – Aug 2023*
 - Appropriations Chair & GPSG Stipend Taskforce (2022)
- Cohort Council President - Millennium Scholars Program *2017-2018*

Skills Advanced: R, Matlab, Stata, Microsoft Office; Proficient: Python & LaTeX; Novice: Julia & SQL

References

Brian McManus - Professor of Economics (Co-Advisor)

University of North Carolina; Email: mcmanusb@email.unc.edu

Luca Maini – Assistant Professor of Health Care Policy (Co-Advisor)

Harvard Medical School; Email: maini@hcp.med.harvard.edu

Jonathan Williams – Professor of Economics

University of North Carolina; Email: jonwms@unc.edu