Applicant Information

Name: Dylan Ryfe
Email: vja6nc@virginia.edu (School) dylanryfe@gmail.com (Personal)
LinkedIn: Link

Course Description

I am currently a 2nd year PhD student at the University of Virginia in the Department of Economics. I will (tentatively) be on the 2029-2030 job market.

Research Description

Hello! Most broadly I am interested in Macroeconomic Theory, with specific interests in technological innovation and adoption, and how transformative technologies like A.I. potentially affect market structures, labor force dynamics, and prices and interest rates. I am especially motivated by what sustainable policy looks like in these contexts - that is, how governments and planners are able to "smooth out" or even curtail negative externalities related to disruptive technologies, while remaining firm to their other commitments (for governments this could be trade or budget commitments, for planners this could be consumption commitments or broader mechanisms of the market). Some research questions I am interested in are: how do the objectives of the household, the firm, and the government change as economies become increasingly automated? How are markets potentially maintained as their human labor components are phased-out (i.e. there are fewer workers earning wages to buy market goods)? How is A.I. automation potentially bottlenecked by the actual length of time it takes to complete labor tasks? And what does human expertise in labor tasks mean for their susceptibility to be replaced by transformative technology?

I am in the infant stages of a project related to the latter two questions, where I plan to build a macro model where labor tasks (in a similar notion to the canonical 'task-based framework') take time. This model will be calibrated based on imputed labor task time data I will construct for humans of differing expertise levels. I am also currently a research assistant for Basil Halperin, where we are working on a (work-in-progress) level extension of A.I. model time horizons. We mean to, using a broad set of A.I. time horizons on benchmarks in varying disciplines, build a theory of what different assumptions about A.I. time horizons mean for the macroeconomy. I also have two existing working papers not related to my primary interests from my time as a research assistant at the Federal Reserve. One is related to the asset managers of life insurance companies, where we find that common asset management between life insurance companies is causally related to more similar life insurer bond portfolios. Another is related to banking deserts and the Community Reinvestment Act, where we find continued null-effects of the latter in the recent period (2017-2025), and document novel null-effects in the former in terms of credit access (this paper is forthcoming).

I am excited at the opportunity to attend this tutorial and hear from leaders of the field in which I am so deeply interested and invested. I think it would be especially formative as I am

beginning to dive into my own research and craft my dissertation. Thank you for considering my application, and I look forward to hearing from you!

Curriculum Vitae (as of 11/2/2026)

Education

University of Virginia Charlottesville, VA, Current PhD Student, 8/2025 – 5/2030 (tentative)

Research Positions

University of Virginia Research Assistant to Basil Halperin, 8/2026 - Current
Federal Reserve Bank of Dallas Research Analyst, Banking and Finance Group, 7/2023 – 7/2025
University of Iowa, Research Intern, 5/2018 – 8/2018

Working Papers

"Asset Manager Commonality and Portfolio Similarity of Insurance Companies," (with Ali Ozdagli)
"Banking Deserts and the Community Reinvestment Act," (with Anthony Murphy, forthcoming)

Other Publications

"Reciprocal deposit networks provide means to exceed FDIC's $250,000 account cap," Dallas Fed Economics, 2024, (with Alessio Saretto)
"Decline in bank stress likely to continue as interest rates normalize" Dallas Fed Economics, 2025, (with Anthony Murphy and Ben Munyan)

Presentations (2024)

"Does the Community Reinvestment Act Improve Consumers' Access to Credit? Evidence from Texas," Federal Reserve Bank of Dallas Brown Bag Seminar, Dallas, TX.
"Can asset managers/advisors be a financial stability concern? Evidence from Life Insurance Companies," Federal Reserve Bank of Dallas Brown Bag Seminar, Dallas, TX.