May 2026

Haoyang (Bianca) Yue

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Fields of Concentration:

Primary field: Labor Economics
Secondary field: Public Economics, Macroeconomics

Education:

Ph.D., Economics, Yale University, 2028 (expected)
M.A., Economics, Yale University, 2024
B.A., Economics and Mathematics, University of Wisconsin-Madison, 2022

Courses Completed:

Microeconomics, Macroeconomics, Econometrics I & II, Advanced Labor Economics I & II, Advanced Macroeconomics I & II, Topics in Empirical Economics & Public Policy, Industrial Organization I, Applied Empirical Methods, Public Finance II

Advisors:

Costas Meghir, Ilse Lindenlaub, Victoria Marone

Fellowships, Honors, Awards:

Nathan Hale Associates Fellowship, Yale University, 2024-2025
Cowles Foundation Fellowship, Yale University, 2022-Present
Yale University Graduate Fellowship, 2022-Present
Grainger Academic Excellence Scholarship, University of Wisconsin-Madison, 2020

Teaching Experience:

Spring 2026, Teaching Assistant to Prof. Zheng Huo, Intermediate Macroeconomics, (Undergraduate), Yale University
Fall 2025, Teaching Assistant to Prof. Gerald Jaynes, Discrimination in Law, Theory, and Practice (Undergraduate), Yale University
Fall 2024, Spring 2025, Teaching Assistant to Prof. Ingvild Almås, Topics in Inequality (Undergraduate), Yale University

Working paper:

"Cash or Care – The impact of unconditional cash transfers and a parenting programme on early childhood development in Tanzania: a multi-arm cluster randomised controlled trial" with Ingvild Almås, Orazio Attanasio, Theresa Betancourt, Marc Bornstein, Bet Caeyers, Ester Elisaria, Tillmann Eymess, Pamela Jervis, Honorati Masanja, Costas Meghir, Pallavi Prabhakar, and Charlotte Ringdal

Work in Progress:

"IVF and Women's Life-Cycle Choices on Human Capital Investment, Career, and Fertility"
"The Impact of Artificial Intelligence on U.S. Firms and Workers" with Abigail Kuchek and María Alejandra Rodríguez

Research Experience:

Research Assistant to Prof. Rohini Pande, Yale University, Summer 2022

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Statement of Interest: Mentoring Program on Aging and Health Economics Research

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I study the causes and consequences of low fertility, and the policies that affect it. One lever governments use is Assisted Reproductive Technologies (ART), including In Vitro Fertilization (IVF) and egg freezing, which address infertility problems and thus effectively expand women's reproductive time window. Because women experience substantial labor market costs from childbearing, ART in theory should allow women to postpone childbearing and prioritize their careers and education when they are young. However, there is little empirical evidence about how women factor ART into these decisions, and ultimately how ART affects aggregate fertility. My research investigates how access to and perception of ART change women's choices in education, career, marriage, and fertility, and how ART policies shape aggregate fertility outcomes. ART is a topic in aging and health for two reasons: it is itself a medical treatment with unequal access, and low fertility drives aging and the demand for long-term care.

I develop the research in two directions. I first ask how ART shapes women's life-cycle decisions through social effect and belief formation: using Norwegian registry data, I test whether exposure to ART users among family, neighbors, and coworkers shifts women's own fertility timing and human capital investment. In an original survey experiment in the U.S., I elicit women's beliefs about age-related fertility decline and IVF success rates, compare them with the medical literature, and test whether correcting these beliefs shifts their intended career and family plans. Second, I study the effect of ART policies on ART usage and fertility: I collect ART policy changes across OECD countries, linked to ART cycles data across up to 83 countries, and country-age-specific fertility rates to examine how features of ART policy affect ART uptake and fertility.

With a background in structural labor economics, I can model life-cycle decisions. But I have not had systematic training in health economics. My interactions so far have been mostly with health economists working in industrial organization rather than the labor and public economics areas closest to my work. I lack the literature overview needed to place my work in the health field and to judge which questions it can answer. The mentoring program fills this gap. The Friday meeting on long-term care is relevant to my work, since long-term care demand follows from low fertility.

As a fifth-year student, I face several high-stakes decisions that would benefit from guidance from experienced health economists. My Norwegian project is my potential job market paper. The registry and public health care system data have the scope to answer important questions about ART. But Norway has no exogenous variation in ART access. I am currently trying a peer-effects design and am unsure yet whether it will hold up. If the research design works, I would like to build a structural model to evaluate the aggregate effect of ART on fertility. But the key question is, what is "good enough" for a job market paper? The practical standards differ across fields, so I want to know the thoughts of health and aging economists. With the main project unresolved, I am also unsure how much time to put into newer, smaller projects, including the survey and the cross-country policy work. Faculty office hours would let me get direct feedback on these questions, talking with other mentees would help me see where my work sits in the field, and I would like to learn about research positions in health and aging, which I have had little exposure to as a labor economist.