

## George Z. Yang

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### EDUCATION

**UC Santa Barbara**, Santa Barbara, CA

August 2022 - May 2027 (expected)

Ph.D., Economics

**University of Pennsylvania**, Philadelphia, PA

August 2016 - May 2020

B.S.E., Wharton School

3.74/4.00

B.S.N., School of Nursing

magna cum laude

### SELECTED EXPERIENCE

**Center for Global Development**, Economics RA

June 2020 – present

- Produce report and analysis detailing World Bank spending during the pandemic to advocate for increased lending for poorer countries; work was cited by the Economist and African Business newspapers.
- Study the capabilities of using nighttime satellite imagery for tracking subnational growth in well-being.
- Study gendered effects of covid; work was used to help direct \$650M contribution by Melinda French Gates.
- Analyze historical demographic and migration data from 1960-2019 and its long-run implications for European immigration.
- Review the marginal impact of International Finance Corporation (IFC) infrastructure investment on generation, transmission, information technology, and financial sector outcomes.

**Netrin Health**, Population Health Volunteer

May 2020 – August 2020

- Created model to identify patients for targeted care management using regularized gradient boosted trees (xgboost) and clinical judgement.
- Called patients to manage chronic conditions and notify them of COVID-19 precautions.
- Coordinated with on-staff pharmacist and administrators to ensure patients received care.
- Found supplier of virtual patient monitoring equipment for a new telemedicine program.

**Leonard Davis Institute of Health Economics**, Economics RA

August 2018 – March 2020

- Examined Medical Expenditure Panel Survey to analyze drug sales and validated analysis with public reports.
- Investigated literature, called experts, and synthesized research into succinct memos and briefs.

**Northeast Treatment Centers Residential Rehab**, Student Nurse

August 2019 – December 2019

- Taught public health, CPR, and narcan administration to patients in drug and alcohol rehab.

**Inova Fairfax Hospital**, ICU Nurse Extern

June 2019 – July 2019

- Cared for patients with severe brain injuries and strokes in high-intensity clinical environment.

**University of Pennsylvania & Wyzant**, Statistics Tutor

June 2017 – May 2020

- Taught students statistics across multiple years. Topics went up to multivariate logistic regression and introductory machine learning techniques.

**Anthem Inc.**, Management Consulting Intern

June 2018 – August 2018

- Project management role in the social determinants team of the second largest U.S. healthcare insurer.
- Created tools for tracking key performance indicators, maintained progress towards goals, and identified potential partners in academic institutions and nonprofit groups.
- Given \$200 Values in Action award by Staff Vice President of Clinical Strategy.

### SKILLS, AWARDS, AND LANGUAGES

**Skills:** R, STATA, Python, Excel, Git, TeX

**Awards:** Johnson and Johnson Nursing & Wharton Impact Scholarship (\$40 K), LDI Undergraduate Health Services Research Prize, Y-Prize Engineering Entrepreneurship Competition Finalist

**Languages:** English (fluent), Spanish (intermediate), Chinese (intermediate)