

# Jacob Jameson

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## EDUCATION

### Harvard University

*Ph.D. in Health Policy / Decision Sciences*

Cambridge, MA

*Aug. 2022 – Exp. May 2027*

### The University of Chicago

*Master of Science in Computational Analysis and Public Policy*

Chicago, IL

*Sep. 2020 – Jun. 2022*

### The Johns Hopkins School of Education

*Teaching Certification in Secondary Mathematics and Secondary Computer Science*

Baltimore, MD

*Aug. 2018 – Dec. 2019*

### The University of California at Santa Cruz

*Bachelor of Arts in Economics and Mathematics*

Santa Cruz, CA

*Sep. 2015 – Jun. 2018*

## RESEARCH EXPERIENCE

### Predoctoral Research Fellow

*Division of Pharmacoepidemiology and Pharmacoeconomics at Brigham and Women's Hospital*

Boston, MA

*Jun. 2024 – Present*

### Programmer

*General Pediatrics Division at Boston Children's Hospital*

Boston, MA

*Jun. 2023 – Present*

### Data Scientist

*Center for Health and the Social Sciences at The University of Chicago*

Chicago, IL

*Nov. 2020 – Aug. 2022*

### Research Assistant

*Department of Public Health Sciences at The University of Chicago*

Chicago, IL

*May. 2021 – Aug. 2022*

### Data Analyst

*The Law School at The University of Chicago*

Chicago, IL

*May. 2021 – Aug. 2021*

## PUBLICATIONS

- [1] Glasser NJ, **Jameson JC**, Abbou Baker N, Pollack HA, Tung EL. "Sex Differences in Life Course Suicide Rates by State Firearm Policy Environment," *American Journal of Preventive Medicine*, 2025; 0749-3797. DOI: 10.1016/j.amepre.2025.107961
- [2] Saulsberry L, **Jameson JC**, Gibbons RD, Dolan ME, Olopade OI, O'Donnell PH. "A National Study Among Diverse US Populations of Exposure to Prescription Medications with Evidence-Based Pharmacogenomic Information," *Clinical Pharmacology & Therapeutics*, 2025; 117:1793–1802. DOI: 10.1002/cpt.3617
- [3] **Jameson JC**, Saghaian S, Huckman RS, Hodgson N. "Variation in batch ordering of imaging tests in the emergency department and the impact on care delivery," *Health Services Research*, 2025; 60(1):e14406. DOI: 10.1111/1475-6773.14406
- [4] Tarantino G, et al. (including **Jameson JC**). "Genomic heterogeneity and ploidy identify patients with intrinsic resistance to PD-1 blockade in metastatic melanoma," *Science Advances*, 2024; 10(48):eadp4670. DOI: 10.1126/sciadv.adp4670
- [5] Glasser NJ, **Jameson JC**, Huang ES, Kronish IM, Lindau ST, Peek ME, Tung EL, Pollack HA. "Male Gender Expressivity and Diagnosis and Treatment of Cardiovascular Disease Risks in Men," *JAMA Network Open*, 2024; 7(10):e2441281. DOI: 10.1001/jamanetworkopen.2024.41281
- [6] Glasser NJ, **Jameson JC**, Tung EL, Lindau ST, Pollack HA. "Associations of Adolescent School Social Networks, Gender Norms, and Adolescent-to-Young Adult Changes in Male Gender Expression With Young Adult Substance Use," *Journal of Adolescent Health*, 2024; 74(4):755–763. DOI: 10.1016/j.jadohealth.2023.11.018
- [7] Soo J, **Jameson JC**, Flores A, Dubin L, Perish E, Afzal A, Berry G, DiMaggio V, Krishnamoorthi VR, Porter J, Tang J, Meltzer D. "Does the Doctor-Patient Relationship Affect Enrollment in Clinical Research?" *Academic Medicine*, 2023; 98(6S):S17–S24. DOI: 10.1097/acm.0000000000005195

## GRANTS AND FELLOWSHIPS

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- National Research Service Award (NRSA) T32 Fellowship** 2024-Present
- Funded by the National Institute of Mental Health (NIMH) T32 MH125815 for research on comparative effectiveness for suicide prevention.
  - Amount (yearly): \$27,144 salary, \$2,500 for childcare costs, and \$750 for training/travel.
- Howard Raiffa Fund** 2023-2024
- Administered by the Center for Health Decision Science to support research on LLM tuning for precision medicine.
  - Amount \$6,500
- Howard Raiffa Fund** 2022-2023
- Administered by the Center for Health Decision Science to support research on emergency department operations.
  - Amount \$6,500

## PROFESSIONAL SOCIETIES

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**Institute for Operations Research and the Management Sciences (INFORMS)**

- Health Applications Society Student Liaison (2022-2024)

**Society for Medical Decision Making (SMDM)**

## PRESENTATIONS

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- INFORMS Annual Meeting 2023** Phoenix, AZ
- The Impact of Batch vs Sequential Ordering Diagnostic Tests in the Emergency Department* Oct. 2023
- Session Chair: Improving Health Decision-Making: Screening, Diagnosis, and Policy
  - Finalist for PSOR Best Video Award
- INFORMS Healthcare 2023** Toronto, ON, CAN
- The Impact of Batch vs Sequential Ordering Diagnostic Tests in the Emergency Department* Jul. 2023
- Session Chair: Evidence Based Approaches for Improved Health Care Delivery

## TEACHING

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### Instructor

- Society for Medical Decision Making**
- An Introduction to Reproducible Programming and Project Management. Instructor (2024)
  - Transparent Programming: Important Habits for Reproducibility and Research Integrity. Instructor (2023)
- Harvard Kennedy School of Government**
- Economics for Public Policy, PPIA Junior Summer Institute. Instructor (2024, 2025)
  - Math Camp (for Incoming Public Policy, Health Policy, and Business PhDs). Instructor (2023, 2024, 2025)
- The University of Chicago**, Center for Translational Science
- Data, Quantitative Methods, and Applications in HSR. Co-Instructor (2021, 2022, 2023)
- The University of Chicago Harris School of Public Policy**
- Coding Lab for Public Policy. Instructor (2021)
- Teach For America**, Achievement First Amistad Academy Middle School
- 7th/8th Grade Mathematics. Mathematics Teacher (2018-2020)

### Teaching Assistant/Fellow

- Harvard T.H. Chan School of Public Health**
- Decision Science for Public Health. Teaching Fellow (2023, 2024, 2025)
- Harvard Kennedy School of Government**
- Game Theory. Teaching Fellow (2023, 2024)
  - Big Data and Machine Learning. Teaching Fellow (2023, 2024)
  - Data and Programming for Policymakers. Teaching Fellow (2023)
  - Resources, Incentives, and Choices I: Markets and Market Failures. Teaching Fellow (2022, 2023, 2024)
- The University of Chicago**, Center for Translational Science
- Introduction to Health Services Research. Teaching Assistant (2021)
- The University of Chicago**, Department of Computer Science
- Machine Learning for Public Policy. Teaching Assistant (2022)
  - Mathematics for Data Analysis and Computer Science. Teaching Assistant (2022)
- The University of Chicago Booth School of Business**
- Introductory Finance. Teaching Assistant (2020,2021,2022)
  - Data Analysis in R and Python. Teaching Assistant (2021)

## Awards

### Harvard Kennedy School of Government

- Distinction in Student Teaching Award (2025)
- Dean's Award for Excellence in Student Teaching (2024)
- Distinction in Student Teaching Award (2024)

## TECHNICAL SKILLS

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**Languages/Software:** R, Python, Stata, SQL, SAS, JavaScript, HTML/CSS, Java, TreeAge

**Frameworks:** Spark, React, AWS, Flask, Django, D3

**Developer Tools:** Git, Docker, Visual Studio