Jacob Jameson

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EDUCATION

Harvard University — Cambridge, MA
Ph.D. in Health Policy / Decision Sciences — *Aug. 2022 – Exp. May 2027*

The University of Chicago — Chicago, IL
Master of Science in Computational Analysis and Public Policy — *Sep. 2020 – Jun. 2022*

The Johns Hopkins School of Education — Baltimore, MD
Teaching Certification in Secondary Mathematics and Secondary Computer Science — *Aug. 2018 – Dec. 2019*

The University of California at Santa Cruz — Santa Cruz, CA
Bachelor of Arts in Economics and Mathematics — *Sep. 2015 – Jun. 2018*

RESEARCH EXPERIENCE

Predoctoral Research Fellow — Boston, MA
Division of Pharmacoepidemiology and Pharmacoeconomics at Brigham and Women's Hospital — *Jun. 2024 – Present*

Programmer — Boston, MA
General Pediatrics Division at Boston Children's Hospital — *Jun. 2023 – Present*

Researcher — Cambridge, MA
The Public Impact Analytics Science Lab (PIAS-Lab) at Harvard University — *Sep. 2022 – Present*

Data Scientist — Chicago, IL
Center for Health and the Social Sciences at The University of Chicago — *Nov. 2020 – Aug. 2022*

Research Assistant — Chicago, IL
Department of Public Health Sciences at The University of Chicago — *May. 2021 – Aug. 2022*

Data Analyst — Chicago, IL
The Law School at The University of Chicago — *May. 2021 – Aug. 2021*

PUBLICATIONS

[1] **Jameson JC**, Saghafian 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*, 2024, (forthcoming).

[2] Tarantino, G. et al. "Genomic heterogeneity and ploidy identify patients with intrinsic resistance to PD-1 blockade in metastatic melanoma," *Science Advances*, 2024, 10 (48), eadp4670

[3] 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, 1;7(10):e2441281.

[4] 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.

[5] Soo J, **Jameson J**, 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, 1;98(6S):S17-S24.

GRANTS AND FELLOWSHIPS

National Research Service Award (NRSA) T32 Fellowship — 2024-2025
- Funded by the National Institute of Mental Health (NIMH) T32 MH125815 for research on comparative effectiveness for suicide prevention.
- Amount: $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

Institute for Operations Research and the Management Sciences (INFORMS)
- Health Applications Society Student Liaison (2022-2024)

Society for Medical Decision Making (SMDM)

Technical Skills

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

Presentations

Society for Medical Decision Making 2023   Philadelphia, PA
Transparent Programming: Important Habits for Reproducibility and Research Integrity   *Oct. 2023*
- Instructor, Organizer, Developer for Short Course

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

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)
- Math Camp (for Incoming Public Policy, Health Policy, and Business PhDs). Instructor (2023, 2024)

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)

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