

- **Full Name:** Adam Yala
- **Current Position & Affiliation:** Assistant Professor of Computational Precision Health, Electrical Engineering and Computer Science at UC Berkeley and UCSF
- **Country:** USA

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• **Educational Background:**

2017 – 2022	<b>Massachusetts Institute of Technology</b> , Cambridge, MA Ph.D. in Computer Science, Advised by: Regina Barzilay
2016 – 2017	<b>Massachusetts Institute of Technology</b> , Cambridge, MA M.Eng. in Computer Science, Advised by: Regina Barzilay
2012-2016	<b>Massachusetts Institute of Technology</b> , Cambridge, MA B.S. in Computer Science

• **Professional Experience:**

- 2022 – Present      Assistant Professor of Computational Precision Health, University of California Berkeley and University of California San Francisco Berkeley, CA
- 2016- 2022      Research Assistant, Massachusetts Institute of Technology Cambridge, MA

• **Professional Organizations:** None

• **Main Scientific Publications:**

1. Adam Yala, Peter Mikhael, Constance Lehman, Gigin Lin, Fredrik Strand, Yung-Liang Wang, Kevin Hughes et al. "Optimizing risk-based breast cancer screening policies with reinforcement learning." Nature Medicine (2022).
2. Adam Yala, Peter Mikhael, Fredrik Strand, Gigin Lin, Siddharth Satuluru, et al. " Multi-Institutional Validation of a Mammography-based Breast Cancer Risk Model." Journal of Clinical Oncology 2021
3. Adam Yala, Peter G Mikhael, Fredrik Strand, Gigin Lin, Kevin Smith, Yung-Liang Wan, Leslie Lamb, Kevin Hughes, Constance Lehman, and Regina Barzilay. Towards robust mammography-based models for breast cancer risk. Science Translational Medicine 13.578 (2021).
4. Peter Mikhael, Jeremy Wohlwend, Adam Yala, Justin Xiang, Angelo K Takigami, et al. " Ask Sybil: Predicting Lung Cancer Risk with Low-dose Chest Computed Tomography." Journal of Clinical Oncology (2023).

5. Adam Yala, Tal Schuster, Randy Miles, Regina Barzilay, and Constance Lehman. "A deep learning model to triage screening mammograms: a simulation study." *Radiology* 293, no. 1 (2019): 38-46.
6. Adam Yala, Constance Lehman, Tal Schuster, Tally Portnoi, and Regina Barzilay. "A deep learning mammography-based model for improved breast cancer risk prediction." *Radiology* 292, no. 1 (2019): 60-66.
7. Adam Yala, Regina Barzilay, Laura Salama, Molly Griffin, Grace Sollender, Aditya Bardia, Constance Lehman et al. "Using machine learning to parse breast pathology reports." *Breast cancer research and treatment* 161, no. 2 (2017): 203-211