

Stanford



Sourya Sengupta

Postdoctoral Scholar, Urology

Bio

BIO

I am currently a Postdoctoral Scholar at Stanford University, where my research focuses on multimodal AI and vision-language models for medical imaging, with an emphasis on advancing cancer detection and clinical decision-making. I am working with Prof. Mirabela Rusu and Prof. Geoffrey Sonn. I received my PhD in Electrical and Computer Engineering from the University of Illinois at Urbana-Champaign, where my work centered on computational and information-theoretic approaches to medical AI. Prior to that, I completed an MS (by research) from the University of Waterloo and a B.E. from Jadavpur University, India.

HONORS AND AWARDS

- NIH T32 Fellowship, NIH (2021-2023)
- Mavis Future Faculty Fellowship, UIUC Grainger College of Engineering (2024)
- Lali Bahl Fellowship, UIUC Department of Electrical and Computer Engineering (2023, 2024)

STANFORD ADVISORS

- Geoffrey Sonn, Postdoctoral Faculty Sponsor

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Multimodal medical AI, vision language models, model interpretability, computational imaging science