

The Eric & Wendy Schmidt AI in Human Health Fellows



Icahn
School of
Medicine at
**Mount
Sinai**

Windreich Department of
Artificial Intelligence and
Human Health

2024 Fellows – Cohort 1



Nicole Bussola, PhD

2024 Fellow

Research Project

AI Tool for OCD

Education

PhD in Computational Biology, University of Trento (IT), 2022

Research Interests

Developing diagnostic/prognostic AI frameworks on multi-modal clinical data.



Yan Zhuang, PhD

2024 Fellow

Research Project

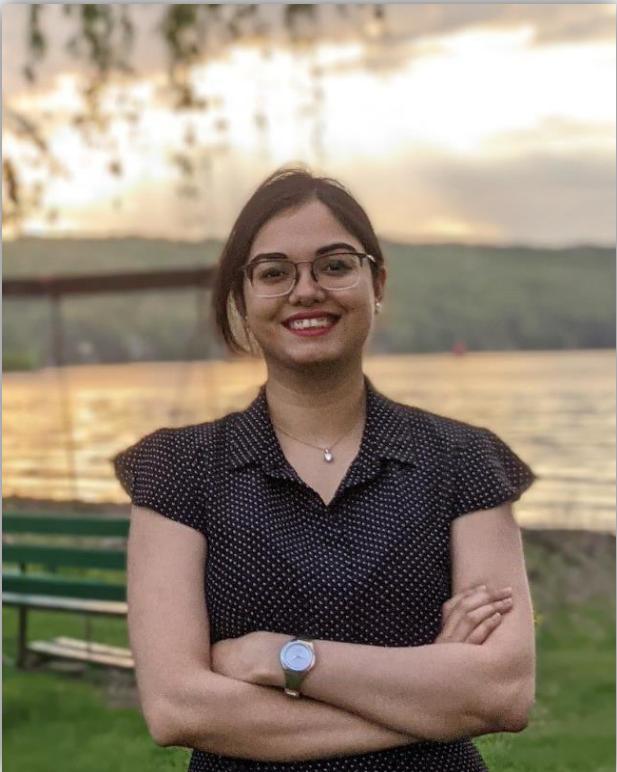
AI Solutions for Medical Image Data Analysis

Education

PhD in Computer Engineering, University of Virginia, 2022

Research Interests

Medical imaging analysis, development of large-scale datasets and innovative computational tools to enhance clinical efficiency and streamline clinical workflows.



Pragya Sharma, PhD

2024 Fellow

Research Project

Wearable Technology for Chronic Disease Management

Education

PhD in Electrical & Computer Engineering, Cornell University, 2020

Research Interests

Digital health solutions, leveraging signal processing, deep learning, wearable sensing, and emerging technology.



Xueyan Mei, PhD

2024 Fellow

Research Project

Development of RadVILLA

Education

PhD in Biological Sciences, Icahn School of Medicine at Mount Sinai, 2021

Research Interests

Developing multi-modal foundation models integrating EHR, clinical reports, and medical images from supervised to unsupervised learning.



Francesco La Rosa, PhD

2024 Fellow

Research Project

Development of BrainAgeNeXt

Education

PhD in Electrical Engineering & Medical Imaging, EPFL (CH), 2022

Research Interests

AI in medical imaging to uncover neurological disease patterns and build prognostic models to predict disability progression.

2025 Fellows – Cohort 2



Wonsuk Oh, PhD

2025 Fellow

Research Project

Building Foundation Models for a Learning Health System

Education

PhD in Health Informatics, University of Minnesota, 2020



Bilal Naved, PhD

2025 Fellow

Research Project

Optimizing Clinical Care in Real-World Settings Using AI Solutions

Education

PhD in Biomedical Engineering, Northwestern University

Feinberg School of Medicine, 2024



Sandip Trivedi

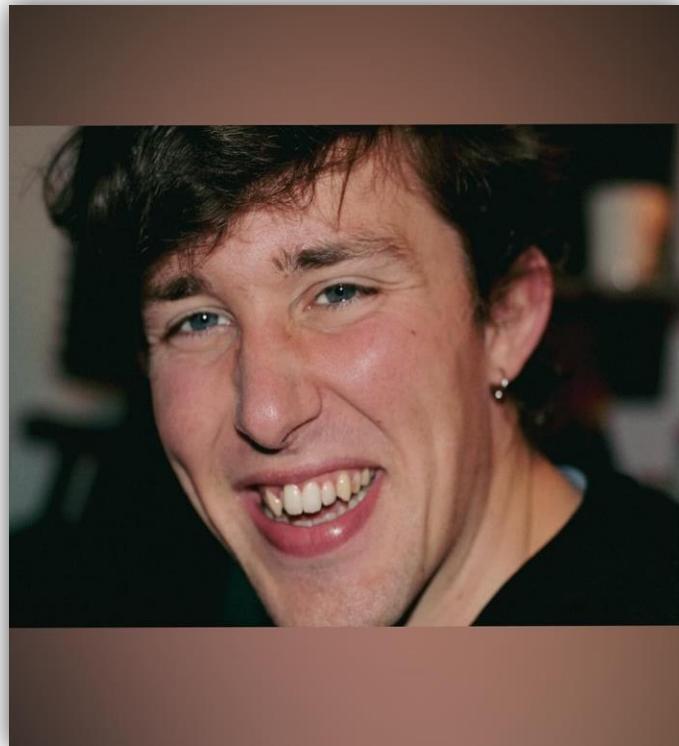
2025 Fellow

Research Project

Creating First Generation of AI Agents as Digital Therapeutics

Education

Software Engineer



Shane O'Connell, PhD

2025 Fellow

Research Project

A Comprehensive Foundation Model for Personalized Medicine and Biomedical Knowledge

Education

Postdoctoral Fellow, Mullins Lab, Icahn School of Medicine at Mount Sinai, New York

PhD in Genomics Data Science, University of Galway (IE), 2023