

2024 Inaugural

RESPONSIBLE AI FOR HEALTH SYMPOSIUM

AUGUST 29, 2024

Sponsored by

The Johns Hopkins NEXUS Awards

PROGRAM*

THURSDAY, AUGUST 29

Johns Hopkins University Bloomberg Center,
555 Pennsylvania Avenue NW, Washington, DC 20001**8:30 – 8:55 a.m. Breakfast****8:55 – 9:05 a.m. Welcome, RAIHS overview**

Ritu Agarwal and NEXUS Team

9:10 – 9:45 a.m. Responsible AI and Digital Health Equity

Speaker: Maia Hightower, CEO, Equality AI

9:55 – 10:30 a.m. Health Equity Challenges of Data for Machine Learning

Speaker: Emma Pierson, Assistant Professor of Computer Science, Cornell Tech

10:40 – 11:20 a.m. Panel 1: Metrics for Responsible AI (If you can't measure it, you can't manage it)

Moderator: Sudip Gupta, Associate Professor of Practice, Johns Hopkins Carey Business School

Panelists:

- Brad Malin (Vanderbilt)
- Anjana Susarla (Michigan State)
- Arya Farahi (University of Texas at Austin)
- Jun Deng (Yale)

11:30 – 12:10 p.m. Panel 2: Implementing Responsible AI - Clinical Workflows and EHR Systems

Moderator: Risa Wolf, Associate Professor of Pediatrics, Johns Hopkins School of Medicine

Panelists:

- Yiye Zhang (Weill Cornell)
- Dakuo Wang (Northeastern)
- Abu Mosa (Missouri)
- Rachele Hendricks-Sturup (Duke-Margolis Center for Health Policy)

12:10 p.m. – 1:10 p.m. Lunch**1:10 – 1:45 p.m. Societal Consequences of Using Black Box Models**

Speaker: Cynthia Rudin, Distinguished Professor, Duke University

1:55 – 2:30 p.m. Novel Machine-Learning Methods for Clinical Application

Speaker: Noémie Elhadad, Associate Professor of Biomedical Informatics and Department Chair, Columbia University

2:40 – 3:20 p.m. Panel 3: Responsible AI Diffusion - Educating Clinicians and the Next Generation of Scholars

Moderator: Gordon Gao, Professor, Johns Hopkins Carey Business School

Panelists:

- Jasjit Singh Ahluwalia (Brown)
- Dongsong Zhang (UNC Charlotte)
- Xinhua Lu (University of Pittsburgh)
- Keila Lopez (Baylor College of Medicine)

3:30 – 4:00 p.m. Group Discussion

Moderators:

Angie Liu (Johns Hopkins)
Elham Hatef (Johns Hopkins)
Roy Adams (Johns Hopkins)
Weiguang Wang (Johns Hopkins)**4:00 – 5:00 p.m. Reception*****Subject to change**