



Workshop: AI Applications in Public Health & Social Services (AI-PHSS 2025) in conjunction with AIME 2025 at the University of Pavia, Italy aime25.aimedicine.info,

Website: <https://hwutemple.github.io/AIME25WorkshopAIPHSS/>

Date & Venue: Thursday, June 26, 2025, Workshop 17, Venue: Maugeri, Room: Manuli

Audience: Researchers, practitioners, public-health professionals, social workers, policymakers, and industry innovators interested in AI's real-world impact across public health and social services.

Program Moderated by Dr. Hongfang Liu, UTHealth Houston, TX, USA

14:00 – 14:05 | Opening Remarks

14:05 – 15:30 | Session 1: Population Health and Social Services in the Digital Era

14:05 - 14:50 | Keynote Talk: *Leveraging Implementation Science to Enhance AI Applications in Health*

Speaker: Dr. Maria Fernandez, UTHealth Houston, TX, USA

14:50 - 15:10 | Invited Talk: *The Rise of Digital Health Technologies: Balancing Safety and Innovation*

Speaker: Dr. Taylor Harrison, Mayo Clinic, MN, USA

15:10 - 15:30 | Invited Talk: *Developing AI Tools to Enhance Understanding of Safety Use of Dietary Supplements*

Speaker: Dr. Rui Zhang, University of Minnesota, MN, USA

15:30 – 16:00 | Coffee Break

16:00 – 18:00 | Session 2: AI Opportunities and Challenges in PHSS

16:00 - 16:30 | Keynote Talk: *Building Artificial Intelligence Infrastructure to Improve Public Health*

Speaker: Dr. Yonghui Wu, University of Florida, FL, USA

16:30 - 16:50 | Invited Talk: *Towards Trustworthy AI in Medical Imaging Informatics: Visualization and Uncertainty-Aware for Explainable Decision-Making*

Speaker: Dr. Ahmad Tafti, University of Pittsburgh, PA, USA

16:50 - 17:10 | Invited Talk: *AI with Integrity: Promoting Equity in Public Health and Social Work through Responsible and Ethical ML*

Speaker: Dr. Huanmei Wu, Temple University, PA, USA

17:10 - 17:30 | Invited Talk: *Using Generative Medical AI to Improve the Access to High-quality Healthcare Service in China*

Speaker: Dr. Mengchun Gong, Digital Health China Technologies, Beijing, China

17:30 - 17:50 | Invited Talk: *Title: Hidden Costs of Generative AI: Risks of Low-Quality Content and Public Health Adoption*

Speaker: Jiawei Zhou, Georgia Institute of Technology, GA, USA

17:50 - 18:00 | Closing Remark and Next Step