



**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](https://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:** *Developing AI Tools to Enhance Understanding of Safety Use of Dietary Supplements*

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

**15:10 - 15:30 | Invited Talk:** *Hidden Costs of Generative AI: Risks of Low-Quality Content and Public Health Adoption*

**Speaker:** Jiawei Zhou, Georgia Institute of Technology, GA, 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:** *The Rise of Digital Health Technologies: Balancing Safety and Innovation*

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

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