



## AGENDA

### ***Assessing Emerging Bioethical Issues in the Application of Big Data and Artificial Intelligence (AI) in Clinical and Translational Research Involving Underrepresented Populations***

**REGISTRATION LINK:** [https://redcap.link/AI\\_BDforumMarch22\\_2024](https://redcap.link/AI_BDforumMarch22_2024)

**Date:** Friday, March 22, 2024

**Time:** 9:00am – 1:45pm EST

**Location:** Free virtual webinar. Registration is required and Zoom link will be provided a few days prior to the meeting.

**Learning Objectives:**

- Describe recent advances in AI and BD with applications in clinical and translational research.
- Understand the unique ethical challenges raised by AI and BD in health research and service.
- Recognize how principles of AI Trustworthiness apply to Health Disparities Research and Practice
- Understand how AI and BD Incur Bias(es), implications for structural justice, and their disproportionately negative impact on underrepresented populations
- Identify approaches and tools for ethically sound risk assessment and mitigation strategies to address biases, burdens, threats, and harms associated AI and BD implementation in clinical and translational research.

**Moderator:** Marc R. Blackman, M.D. – Sr. Physician Scientist, Washington DC VA Medical Center; Professor of Medicine and Rehabilitation Medicine, Georgetown University; Executive Committee, GHUCCTS

| TIME             | TOPICS   |
|------------------|--|
| 9:00am – 9:15am  | Introduction and Pre-Session Assessment Reminder   |
| 9:15am – 9:45am  | <b>Use of AI for Clinical and Translational Research: Recent Developments</b><br><b>Speaker:</b> Christos Makridis, PhD – Sr. Research Adviser, National Artificial Intelligence Institute (NAII), Department of Veterans Affairs  |
| 9:45am – 10:15am | <b>Ethical Challenges Arising from the Use of BD and AI in Health Research</b><br><b>Speaker:</b> Assya Pascalev, PhD – Associate Professor, Department of Philosophy & Department of Interdisciplinary Studies Program Director, B.A. in Interdisciplinary Studies: Bioethics, College of Arts and Sciences Ethics Co-director, REKS, GHUCCTS Howard University, Washington, DC, USA Book Series, Editor, Perspectives in Bioethics, Trivent, Hungary Founding Director, Bulgarian Center for Bioethics, Bulgaria |

- 10:15am – 10:45am**    **Bioethical Considerations for AI Trustworthiness in Health Disparities Research and Practice**  
**Speaker:** Alexander Libin, PhD – Scientific Director, BERD, GHUCCTS; AI-Learn Initiative, MedStar Health Research Institute/Data Science Training Core, AIM AHEAD
- 10:45am – 11:00am**    **Break**
- 11:00am – 11:30am**    **Decentralized Biobanking “de-bi” Technology: Embedding Transparency, Accountability and Engagement in Learning Health Systems**  
**Speaker:** Mariella Gross, MD – Assistant Professor, Dept of Obstetrics, Gynecology and Reproductive Sciences, Center for Bioethics and Health Law, University of Pittsburgh Medical School
- 11:30am – 12:00pm**    **Lunch**
- 12:00pm – 1:30pm**    **Panel Discussion – What does the public need to know about AI, Machine Learning (ML), and BD?**  
*What capacities are needed to meaningfully incorporate community perspectives into this work (e.g., standing advisory, community, oversight boards, DAOs/decentralized governance models and IRB/ethics committee)? What capacities need to be built to advise and collaborate with data science with regard to ethics and bias?*
- Moderator:** Carla Williams, PhD – Associate Professor of Medicine & Public Health, Howard University; Director, Community Engagement, GHUCCTS
- Panelists:**
- Dr. Christos Makridis
  - Dr. Mariella Gross
  - Dr. Alexander Libin
  - Dr. Assya Pascalev
- 1:30pm – 1:45pm**    **Closing Comments and Assessment of Learners’ Experiences and Attitudes in AI**

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