



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

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 – 9:05am	Introduction to GHUCCTS - Marjorie Gondre-Lewis, PhD – MPI, GHUCCTS; Associate Director, GHUCCTS KL2 Scholars Program; Associate Dean Faculty Development, Howard University College of Medicine; Chief JEDI Officer, Howard University College of Medicine
9:05am – 9:15am	Introduction and Pre-Session Assessment Reminder
9:15am – 9:45am	Use of AI for Clinical and Translational Research: Recent Developments Speaker: Christos Makridis, PhD – Sr. Research Adviser, National Artificial Intelligence Institute (NAII), Department of Veterans Affairs

- 9:45am – 10:15am** **Ethical Challenges Arising from the Use of BD and AI in Health Research**
Speaker: 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**

Point of Contact for Questions: Claudia Gunawan, MS (claudia.gunawan@va.gov)