

## Disability Ethics, Intersectionality & AI/ML Bias Speaker Series 2022/2023

# Regarding the Revolution of AI and ML for Persons Who Are Blind



May 4, 2023



12:00 - 1:00  
PM EST



Presbyterian Hospital,  
PH20-200, 622 W  
168th St



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**Dr. Cary Supalo**

The Educational Testing Service

Persons who are Blind and Vision Impaired (BVI) are an innately economically disadvantaged population segment in society today. For example, consider that we have been constrained to one physical line of refreshable character limit for decades! As we move out of the first quarter of the Twenty-First Century, new access technology (AT) innovations to close this access gap and lag for BVI persons may become reality – just around the corner are multi-line refreshable braille AT which will provide real-time access to text and graphics. Yet beyond the BVI community, the world is looking at the dawn of the next transformative technological advancement for society – artificial intelligence. As we see its true potential benefits emerge, we must be mindful of the accompanying risks for the BVI and what it cannot do. Current biases in economic and social dynamics are bleeding into AI technologies. Whether explaining information through mono-modal presentations, or recommendations that fail to consider the specific needs of the blind, we need to consider the influence of these biases on AI-mediated medical applications, diagnoses and recommendations. Only then can we shape a truly inclusive new age of technological innovation which expands equity in access and quality of healthcare for the marginalized BVI population.

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For additional information about the Speaker Series, contact [Maya Sabatello, LLB, PhD](#), Associate Professor, Center for Precision Medicine & Genomics and Division of Ethics. For more information about this project, [click here](#). These events are free and open to the public. The location is wheelchair accessible, and the event is captioned. If you need further accommodation, please [E-mail Dr. Sabatello](#) at least 7 days in advance and we will do our best to accommodate.