



Biography

Laurah Turner, PhD

Dr. Laurah Turner serves as the Associate Dean for Artificial Intelligence and Educational Informatics and Associate Professor in the Department Biostatistics, Health Informatics and Data Sciences at the University of Cincinnati College of Medicine. She is also the founder and director of 2-Sigma Labs.

Her research focuses on applying artificial intelligence and statistical techniques to enhance medical education, refine assessment methods, and address training gaps. Dr. Turner leads several innovative projects integrating AI into medical education, including systems for evaluating variations in narrative assessment in clinical evaluations, personalized learning platforms, AI powered simulation, ambient AI assessments and automated curriculum mapping tools.

Dr. Turner holds a PhD in Biological Anthropology from Indiana University, with extensive experience in statistics and human behavior. Her current research focuses on developing AI systems that enhance human capabilities in medical education while preserving essential human elements of physician training.

She has published extensively in leading medical education journals and holds multiple patents pending for AI tools in medical education. Her work aims to democratize access to high-quality medical education through innovative AI applications while ensuring ethical implementation and educational integrity.