



UNIVERSITY OF ILLINOIS
COLLEGE OF MEDICINE



Partnership between the University of Peradeniya, Sri Lanka,
University of Illinois College of Medicine, USA, and Sivananthan Laboratories, Inc., USA

Scholarship, Innovation, and Integration of Artificial Intelligence (AI) for Educational Research

Monday, October 6 to Wednesday, October 8, 2025

University of Peradeniya

<https://go.uic.edu/Peradeniya>

Workshop Description: This workshop provides both methodological principles and practical “hands-on” approaches to translate “best-practices” to driving scholarship, innovation, and integration of AI tools for research in Sri Lanka. Health professions educators of all backgrounds are welcome. Open to educators of all levels and experience. Session will cover the following topics:

- Being Scholarly and Doing Scholarship
- Research Innovation and Methodology in Education
- Integrating AI as a Research Tool
- Opportunities for scholarship in Virtual Simulation
- Tips for Publishing and Scholarly Dissemination
- Qualitative Research Methodology
- Statistics and Experimentation
- Knowledge Synthesis (literature reviews)

Workshop Objectives: At the end of the workshop, participants will be able to:

- Describe methodological approaches for innovation and scholarship in education
- Integrate AI tools to drive education research
- Understand norms for disseminating scholarship and innovation into peer-reviewed publication

The workshop is delivered in a series of intensive and interactive sessions delivered over three days. Participants will be expected to engage in interactive discussions and hands-on activities. At the end of each session, participants will receive materials to take home.

Organizing Committee Members

- University of Peradeniya, Sri Lanka
 - Prof. M. D. Lamawansa (former Vice Chancellor)
 - Prof. Saman Nanayakkara (Dean, Faculty of Medicine)
 - Prof. Vasanthi Pinto (past Dean, Faculty of Medicine)
 - Prof. Kosala Marambe (Head, Department of Medicine)
 - Prof. Susiji Wickramasinghe (Head, Department of Parasitology)
 - Prof. Deepthi Edussuriya (Professor, Department of Forensic Medicine)
- University of Illinois College of Medicine, USA
 - Prof. Bellur Prabhakar (Senior Associate Dean of Research, COM)
 - Prof. Yoon Soo Park (Professor and Department Head of Medical Education)
 - Prof. Ara Tekian (Associate Dean for International Education COM and Professor of Medical Education)
 - Prof. Lauren Maggio (Professor of Medical Education and Director of Research)
 - Prof. Brian Gin (Associate Professor of Medical Education and Pediatrics)

Workshop Schedule

	Monday October 6, 2025	Tuesday October 7, 2025	Wednesday October 8, 2025
Morning	<p><u>9:00-9:15am</u> Introduction and Welcome</p> <p><u>9:15-11:45am</u> Setting Stage (Tekian / Maggio)</p>	<p><u>9:00-10:15am</u> Quantitative Research and Experimentation (Park)</p> <p><u>10:30-11:45am</u> Qualitative Research (Maggio)</p>	<p><u>9:00-10:15am</u> AI Virtual Patient Debrief (Gin / Tekian with group activity)</p> <p><u>10:30-11:45am</u> Rigor in AI-Assisted Research (Gin / Maggio)</p>
Lunch	11:45am – 12:45pm	11:45am-12:45pm	11:45am-12:45pm
Afternoon	<p><u>12:45-2:00pm</u> Intro to Knowledge Synthesis (Maggio)</p> <p><u>2:15-3:30pm</u> Integration of AI in Research (Gin)</p>	<p><u>12:45-2:00pm</u> Brainstorming Qual and Quant Projects with AI (Park / Maggio / Gin with group activity)</p> <p><u>2:15-3:30pm</u> AI Virtual Patient (Gin / Tekian)</p>	<p><u>12:45-2:45pm</u> Politics of Publishing (Tekian / Maggio)</p> <p><u>3:00-3:30pm</u> Certificate Ceremony</p>
<p><u>3:30pm – 4:00pm (optional)</u> Meeting and Consultation with Workshop Faculty</p>			

Notes:

- Participants are expected to **arrive by 8:50am** each day.
- Morning and afternoon sessions will include a break.
- Session materials are [available on this link](#).

Workshop Faculty

Workshop faculty are educational leaders and clinicians from the Department of Medical Education at the University of Illinois College of Medicine, USA.



Brian Gin, MD, PhD is an Associate Professor in the Departments of Medical Education and Pediatrics at the University of Illinois College of Medicine. Dr. Gin's work focuses on understanding the process of entrusting trainees with clinical responsibilities and developing AI methods to enhance research, learning, assessment, and clinical decision-making. Dr. Gin aims to "democratize" AI within HPE by developing open-source AI toolkits that equip users to collaborate freely in this emerging field. As AI begins to play more significant roles in HPE and clinical practice, he is also actively developing frameworks to guide the entrustment of AI itself. Learn more [here](#)



Lauren Maggio, PhD is a Professor and the Director of Research in the Department of Medical Education at the University of Illinois College of Medicine. Her research focuses on the creation, dissemination, and use of information and has resulted in more than 150 peer-reviewed publications. An internationally recognized methodologist, Dr. Maggio specializes in literature reviews and qualitative methods and is frequently invited to present and lead workshops around the world. She served as the Deputy Editor-in-Chief for *Perspectives on Medical Education* (2019-2024), and currently serves as Editor-in-Chief of *MedEdPORTAL*, the Association of American Medical Colleges' journal of teaching and learning resources, and holds multiple editorial roles, including positions on the *Academic Medicine* editorial board. Dr. Maggio is also a certified executive coach. Learn more [here](#).



Yoon Soo Park, PhD is the Ilene B. Harris Professor and Department Head of Medical Education at the University of Illinois College of Medicine. Dr. Park's work has focused on assessment methodologies, artificial intelligence (AI) and machine learning, and learning analytics. His work in health professions education has advanced the preparation of learners in clinical reasoning and measurement of competencies through validity studies. Dr. Park served as Vice President of the American Educational Research Association (AERA; 2018-2021) and Chair of Research in Medical Education for the Association of American Medical Colleges (AAMC; 2019-2020). He is active in international collaborations, in both research in teaching. Learn more [here](#).



Ara Tekian, PhD, MHPE is Professor and Associate Dean for International Education at the University of Illinois College of Medicine. He is involved in teaching courses in both the master's and the doctorate programs in Professions Education. He is a leading scholar in professions education with significant and sustained research contributions that have made groundbreaking impact on educational practices of health professionals, both within the United States and around the world. He has published over 200 peer-reviewed journal articles and presented over 190 peer-reviewed presentations. He teaches widely, conducting over 325 invited workshops and courses, and 275 invited presentations, in over 45 countries. His work has been consistently supported by extramural funding totaling over \$ 5 million. His numerous awards include the Association for the Study of Medical Education *ASME Gold Medal* in recognition of his scholarship and leadership in international contexts. Learn more [here](#).