



IEEE Computational Intelligence Society & Computer Society Schenectady Chapter Lecture



AI in Medicine From Technical Capability to Practical Utility

Date:

Thursday, Nov 12th, 2026

Time:

12:00 to 1:00 PM EST

Location:

In-person
UAlbany ETEC
Room 340 (Ops Command Center)
1220 Washington Ave.
Albany, NY 12222

Virtual Google Meet

Video call link:

<https://meet.google.com/gwk-vtbw-rju>

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Cost:

Free for General Admission (No PDH credit)
Free for Student and Graduate Student (No PDH Credit)

\$5 IEEE Members (1 PDH Credit)

\$10 Non Members (1 PDH Credit)

All registrations must be received by
Nov 12th, 2026 before the presentation

Space is limited

To reserve your seat, click below:

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IEEE Schenectady Section Website:
<https://site.ieee.org/schenectady/>

Abstract:

Artificial intelligence (AI) is reshaping healthcare, with applications ranging from clinical documentation and decision support to population health management and predictive analytics. As AI capabilities continue to advance, clinicians are increasingly challenged to navigate both the opportunities and responsibilities that accompany these technologies, ensuring their thoughtful, ethical, and evidence-based integration into clinical practice and patient care.

The objective of this talk is to explore the evolving role of AI in healthcare, focusing on real-world applications within healthcare systems and electronic health records. Drawing from experiences in clinical practice, the discussion will also address the challenges that influence real-world utility including hallucinations, bias, transparency, privacy, reliability, and clinician trust—and consider the importance of thoughtful implementation, clinical oversight, and a patient-centered approach as AI becomes increasingly integrated into clinical practice.

Learning Objectives

- Describe the current and emerging applications of AI in healthcare and clinical medicine.
- Evaluate the opportunities and limitations of AI integration within clinical workflows.
- Recognize common pitfalls, ethical concerns, and implementation challenges associated with AI tools.
- Understand the essential role of human oversight, clinical judgment, and the physician-patient relationship in the responsible use of AI in healthcare.

Speaker:



Dr. Asha Pandu

Asha Pandu, MD, FACP, MRCP(UK), DABOM, is an Assistant Professor of Internal Medicine at Albany Medical College and Lead Physician for Metabolic and Obesity Medicine. Her clinical and academic interests encompass preventive care, medical education, clinical research, and healthcare innovation. As an Epic Physician Builder and Ambulatory Medicine Lead for the Epic System Alignment Group (SAG), she contributes to the advancement of electronic medical record optimization, clinical informatics, and clinical workflow design, with a focus on leveraging technology to enhance the quality, efficiency, and delivery of patient care. Her work bridges clinical medicine, medical education, EMR innovation, and healthcare technology. She is particularly interested in how AI can augment clinical decision-making, improve patient care, streamline clinical workflows, reduce administrative burden, and ultimately contribute to a more efficient, effective, and human-centered practice of medicine.