

Geisel Academy of Educators & Scholars

Teaching with TEACHABLE: Transforming Case-Based Learning with Gen-AI



Galina Gheihman, MD

Friday, May 15, 2026

Auditorium A & B, Dartmouth Hitchcock Medical Center, Lebanon, NH

Virtual - Zoom

12:00 – 1:30 pm

OVERVIEW

Generative AI has the potential to transform medical education through unprecedented content creation, individualized learning, and timely feedback. Educators have the opportunity to harness this potential by intentionally applying gen-AI to augment and transform pedagogy, grounded in principles of adult learning theory. In this talk, we will first review adult learning theories relevant to case-based learning, then illustrate the potential of gen-AI to deliver personalized yet scalable case-based learning that supports self-directed learning and deliberate practice. Participants will leave with an enhanced understanding of how to leverage gen-AI in their daily clinical educator practice, including appreciating opportunities and critically appraising constraints.

LEARNING OBJECTIVES

At the conclusion of this learning activity, participants will be able to:

- Review principles for designing effective medical education innovations and interventions.
- Analyze how generative AI can be applied to instructional design through a case study using the TEACHABLE framework.
- Discuss opportunities and challenges of teaching and learning with generative AI.

TARGET AUDIENCE

Physicians, Nurses, Pharmacists, Social workers, Dietitians, Allied Health Professionals, Educators for Medical Education & Health Science Graduate and Master's programs, Residents, Fellows, and Educators committed to advancing evidence-based practices for educational research.

REGISTRATION

The registration fee is waived.

Advance registration is required for planning purposes. Please make every effort to register seven (7) business days in advance of the learning activity. We will not accept walk-in or late registrants on the day of the learning activity.

To register, please visit the event [website](#). For registration questions, please call (603) 653-1234 or email clpd.support@hitchcock.org.

If you need to cancel your registration, please call (603) 653-1234 or email clpd.support@hitchcock.org. Cancellations should be made five (5) business days in advance of the learning activity.

SPEAKER BIO

Galina Gheihman, MD, is an Assistant Professor of Neurology at Harvard Medical School and a general neurologist at Mass General Brigham, in Boston, MA. Dr. Gheihman earned her medical degree at Harvard Medical School. She completed her adult neurology residency in the Mass General Brigham Neurology Program, where she served as Chief Resident in 2023-2024. Dr. Gheihman is the founder of the NeuEJM Medical Education Journal Club, co-founder of the NeuroHumanities Network, co-leader of the Medical Education Track in the MGB Neurology Residency, and co-director of the Neurology for the Non-Neurologist CME course at MGB. Dr. Gheihman is pursuing a Master of Science in Medical Education at Harvard Medical School. Her research interests include clinician-educator career development, arts & humanities, teaching for non-neurologists, clinical uncertainty, and technology, innovation, and AI in medical education. She is the founder and host of Neuropraxis: The Neurology Educator's Podcast. She loves to mentor, teach, and share her enthusiasm for neurology with others.

ACCREDITATION

Please see the registration site for accreditation details.

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