

Learning to Drive in a Self-driving World

FEATURED SPEAKERS:

Linda Adler-Kassner, PhD

Faculty Director of the Center for Innovative Teaching, Research, and Learning
Professor of Writing Studies
Associate Vice Chancellor of Teaching and Learning at UC Santa Barbara

Darol Joseff, MD

Nephrologist, Santa Barbara Cottage Hospital

Eren Veziroglu, MD - R

PGY1 Internal Medicine Resident, Santa Barbara Cottage Hospital

Lynn Fitzgibbons, MD, FIDSA

Program Director, Internal Medicine Residency Program,
Santa Barbara Cottage Hospital

DESCRIPTION:

The AI in Medical Education Work Group, a collaboration between educators and physicians at UC Santa Barbara and Santa Barbara Cottage Hospital, is dedicated to integrating AI into clinical training. In January 2025, the group piloted a new prompt engineering curriculum within the Internal Medicine Residency Program, training residents to craft effective AI queries that enhance diagnostic accuracy and clinical decision-making. During this presentation, the members of the Work Group will discuss their project, methods they employed using AI and how these methods pertain to effective teaching and learning. They will also review strategies for critically appraising AI outputs to improve the handling of uncertainty in clinical medicine.

LEARNING OBJECTIVES:

- Summarize the major categories of reasoning methods in frontier AI models
- Explore how AI agents can promote teaching and learning
- Develop methods for handling uncertainty through guided reasoning and stress-testing



PROFESSOR LINDA ADLER-KASSNER

Associate Vice Chancellor for Teaching and Learning and Professor of Writing Studies, UC Santa Barbara.

An expert in literacy and learning, Professor Adler-Kassner applies learning and communication principles to prompt engineering, helping residents develop precise AI queries for improved clinical reasoning.

CONTINUED ON NEXT PAGE...

Thursday, March 20, 2025

12:15 - 1:15 p.m.

JOIN US

Hybrid Meeting: Santa Barbara Cottage Hospital, Burtness Auditorium (6th floor), and via Zoom

After registering you will receive a confirmation email containing information about joining the meeting.

Please register at:

cottagehealth.org/Algrandrounds

The Santa Barbara County Consortium for Continuing Medical Education is accredited by the California Medical Association (CMA) to provide continuing medical education for physicians. The Santa Barbara



County Consortium for Continuing Medical Education designates this live hybrid activity for a maximum of 1.0 AMA PRA Category 1 Credit(s)™.

Physicians should claim only the credit commensurate with the extent of their participation in the activity.

DISCLOSURES: The planners and speakers of this live, hybrid activity do not have any relevant financial relationships with ineligible companies. This activity did not receive commercial support.



CONTINUED FROM FIRST PAGE...



DR. DAROL JOSEFF

Nephrologist, Santa Barbara Cottage Hospital.

With over 40 years of experience, Dr. Joseff brings a wealth of clinical expertise to the work group. As a seasoned nephrologist and internist, he integrates decades of knowledge with modern AI tools, guiding residents in refining AI-assisted approaches for complex patient care.



DR. EREN VEZIROGLU

First-Year Internal Medicine Preliminary Resident, Santa Barbara Cottage Hospital.

Dr. Veziroglu, a first-year internal medicine preliminary resident, offers a fresh perspective on AI in clinical education. His active involvement in the curriculum development process ensures that the prompt engineering training addresses the practical needs of early-career clinicians.



DR. LYNN FITZGIBBONS

Program Director, Internal Medicine Residency, Santa Barbara Cottage Hospital.

Dr. Fitzgibbons leads the residency program with a commitment to incorporating AI literacy into medical education. Under her direction, the prompt engineering curriculum complements traditional clinical training, equipping residents with skills to effectively interact with AI while strengthening their clinical reasoning.
