AI AND THE FUTURE OF MED ED: RECOMMENDATIONS FROM A MACY FOUNDATION CONFERENCE

June 12, 2025

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Josiah Macy Jr. Foundation

Association of American Medical Colleges

MEET THE PANELISTS

Alison Whelan, MD

Moderator
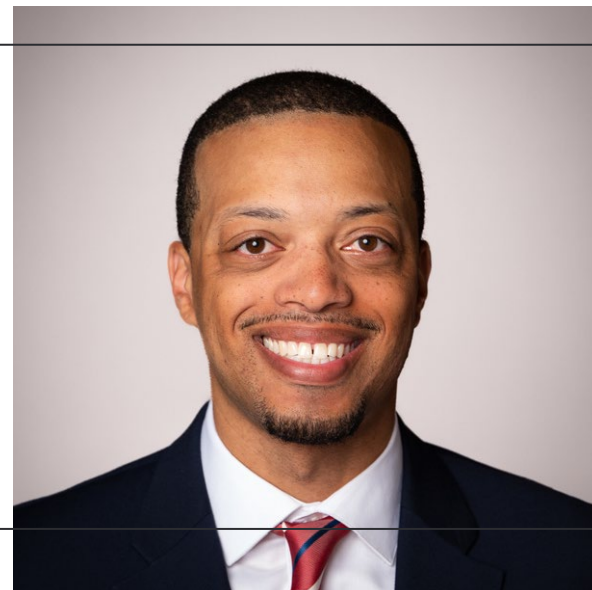
Chief Academic Officer
Association of American
Medical Colleges

Eva Aagaard, MD

Panelist

Senior Associate Dean for
Education
Carol B and Jerome T Loeb
Professor of Medical
Education
Washington University School
of Medicine in St. Louis

Cornelius James, MD

Panelist

Assistant Professor of
Medicine, Pediatrics and
Learning Health Science
University of Michigan

Adam Rodman, MD

Panelist

Assistant Professor of Medicine
Harvard Medical School
Director of AI Programs
Carl J. Shapiro Center for
Education and Research

Robert Wachter, MD

Panelist

Professor and Chair of
Medicine
University of California, San
Francisco

RECOMMENDATIONS AND ACTION STEPS

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1. Promote the implementation of safe and effective AI in medical education

  1.1 Implement AI curricula and competencies

  1.2 Reevaluate foundational physician competencies for the AI era

  1.3 Modify accreditation, licensing, and certification standards and processes

  1.4 Support educators' use of AI to promote learning

  1.5 Facilitate personal and organizational adaptability

  1.6 Create partnerships and collaborations

2. Implement co-produced, AI-enhanced teaching, learning, assessment, & evaluation approaches in medical education

  2.1 Develop AI playgrounds

  2.2 Use AI to improve existing instructional strategies

  2.3 Adapt assessment programs to the AI era

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3. Develop and leverage robust data ecosystems to facilitate AI implementation in medical education

3.1 Integrate data systems

3.2 Build data transparency into assessment

3.3 Embrace competency-based and precision medical education

3.4 Promote data-driven excellence in accreditation

4. Facilitate ethical AI governance frameworks and responsible utilization of AI tools and technologies in medical education

4.1 Create comprehensive AI frameworks and ethical guidelines

4.2 Build a national best practices network

RECOMMENDATIONS AND ACTION STEPS

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5. Advance scholarship on AI in medical education

    5.1 Study AI in medical education

    5.2 Conduct participatory research

    5.3 Fund ambitious scholarship

    5.4 Use reporting standards

    5.5 Enhance dissemination

    5.6 Support interdisciplinary collaboration and seek industry partnerships

    5.7 Engage in strategic visioning around AI and medicine

Q&A WITH OUR PANELISTS

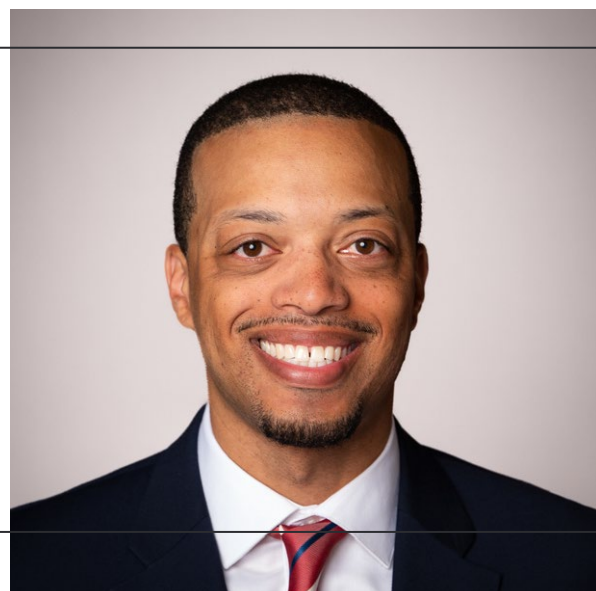**Alison Whelan, MD**

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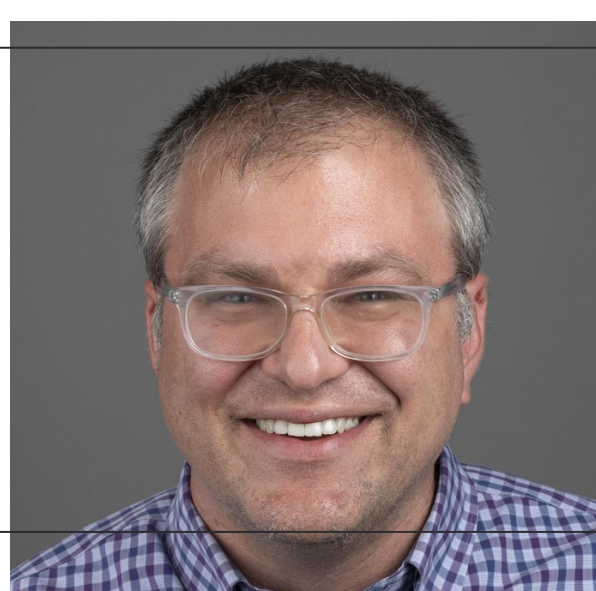
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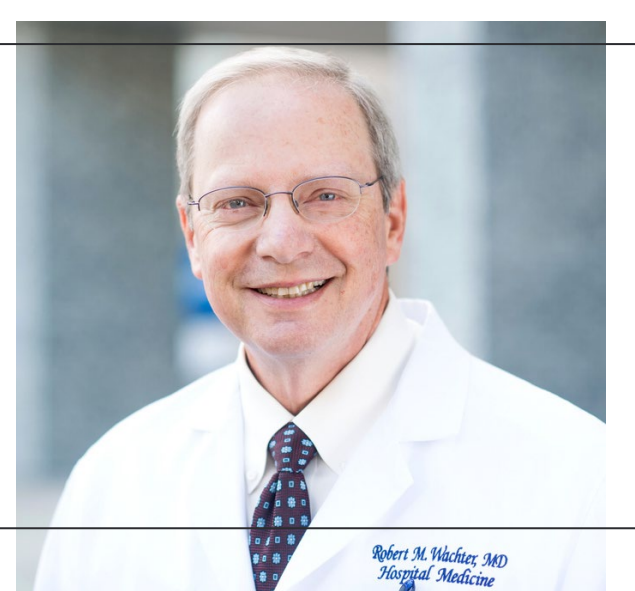of Medicine in St. Louis

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READ THE RECOMMENDATIONS IN ACADEMIC MEDICINE

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