NAM Leadership Consortium
Collaboration for
A Learning Health System

Digital Health & AI Action Collaborative

Clinicians' Forum on AI in Health & Medicine: A Mapping Conversation

May 29, 2025
National Academy of Sciences Building
2101 Constitution Avenue NW
Washington, DC
Lecture Room

Digital Health & AI Action Collaborative Aim: Promote digital tools and architecture for seamless connectivity, learning, and innovation, including accelerating the responsible development and application of AI and other emerging technologies for transformed health, health care, and biomedical science.

Meeting Focus: To identify opportunities, special considerations, and key steps related to the establishment of a Clinicians' Forum on AI in Health & Medicine: composed of key health professional organizations (e.g., medicine, nursing, pharmacy, physician associates, social work), developers, patients, and related stakeholders. The Forum will gather regularly to consider developing tools and critical questions related to the effective and ethical integration of AI into health care.

Motivating Questions:
1. What AI tools and approaches for use in health and health care are already being applied, will be ready in the near future, or are under consideration for medium to longer term application?
2. What actions can health professionals take to ensure that AI technologies are applied in the most efficient, responsible, safe, and socially beneficial manner?
3. How might the roles and responsibilities of health professionals need to be reshaped in the era of AI?
4. What key skills and knowledge should be integrated into the education and training of health professionals to effectively use AI tools in practice?
5. How might artificial intelligence impact clinical workflows and decision-making processes, including care quality and outcomes?
6. How might the integration of AI technologies change the dynamics of patient-clinician interactions?

Desired Outcomes: Identify priority needs, preferences, and topics for near-term exploration through a Clinicians' Forum on AI in Health & Medicine.

Meeting Agenda:

8:30 am   **Coffee/Tea and Light Breakfast**

9:00 am   **Welcome from the NAM and the Leadership Consortium**
- **Michael McGinnis**, National Academy of Medicine

Introductions & Meeting Overview
- **Peter Lee,** Microsoft
- **Kenneth Mandl,** Harvard University

9:30 am   **AI and Clinical Care: Emerging Applications**
Artificial intelligence (AI) has rapidly emerged as a tool for unprecedented analysis, management, and use of information, bringing novel changes in health and medicine. This session will provide a presentation on current AI tools and approaches in development for use in health care.
- **Facilitator: Kenneth Mandl,** Harvard University
- **Speaker: Shiv Rao**, Abridge

10:00 am   **Open Perspectives on Key Issues**
Participants will share their perspectives on priority issues and needs to enable health professionals to guide the responsible and effective use of AI to improve patient care. This session will introduce a variety of topics for discussion, such as preparation of the workforce, modification to clinician roles, automation, clinical workflows, payment models, and implications for professional identity.
- **Facilitator: Peter Lee,** Microsoft
- **Speakers:**
  - **Helen Burstin**, Council of Medical Specialty Societies
  - **Connie Delaney,** American Academy of Nursing
  - **Kimberly Lomis**, American Medical Association

11:15 am   *Coffee Break*

11:30 am   **Education and Training for Health Professions**
This session will delve into health professional education in the era of AI and what new skills and competencies must be integrated to prepare health professionals to function in an environment of rapidly emerging technologies. Participants will discuss the need for ongoing training and retraining to ensure the health care sector can fully leverage AI's potential, as well as opportunities for students to harness individualized learning, feedback, and assessment.
- **Facilitator: Kenneth Mandl,** Harvard University
- **Speakers:**
  - **Lisa Howley**, Association of American Medical Colleges
  - **Morgan Cheatham,** Breyer Capital / Boston Children's Hospital

12:45 pm   *Networking Lunch*

1:30 pm   **Impact of AI on Patient Experience and Patient-Clinician Interactions**
AI has the potential to transform patient diagnosis, treatment, and overall experience. This session will explore how AI can enhance patient-clinician interactions, including how health professionals can empower patients to engage with AI in managing their health while addressing critical ethical and trust considerations.
- **Facilitator: Peter Lee,** Microsoft
- **Speakers:**
  - **Sue Sheridan,** Patients for Patient Safety
  - **Dave deBronkart,** e-Patient Dave

2:30 pm   **Open Perspectives on Key Opportunities and Actions**
            Building on the previous sessions, participants will further reflect on key issues for the Clinicians' Forum on AI in Health & Medicine to explore and discuss critical opportunities, such as regulatory policies, payment models, and training needed to support the potentially transformative impact of AI in health and medicine.
- **Facilitator: Kenneth Mandl,** Harvard University

3:30 pm   **NAM Thanks and Next Steps**
- **Michael McGinnis**, National Academy of Medicine