

From Principles to Practice: Exploring AI Governance in Health Systems

November 18, 2024



Welcome & Introductions

Christina Silcox

Duke-Margolis Institute for Health Policy

Statement of Independence

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Remote Participation Instructions

Questions

- Please feel free to type your question into the Q&A box and we will use your questions to inform the open discussion portions of the event

Technology Issues?

- Please type your issue in the Q&A or email us at margolisevents@duke.edu

Meeting Materials

- Meeting materials will be available on our website in the coming days

Event Agenda

- 12:00 pm** Welcome and Opening Remarks
- 12:05 pm** Overview Presentation: Health System AI Governance White Paper
- 12:20 pm** Fireside Chat: Tailoring Approaches to AI Governance – Benefits and Lessons Learned
- 12:50 pm** Session: Opportunities for Democratizing AI Governance
- 1:25 pm** Closing Remarks and Adjournment

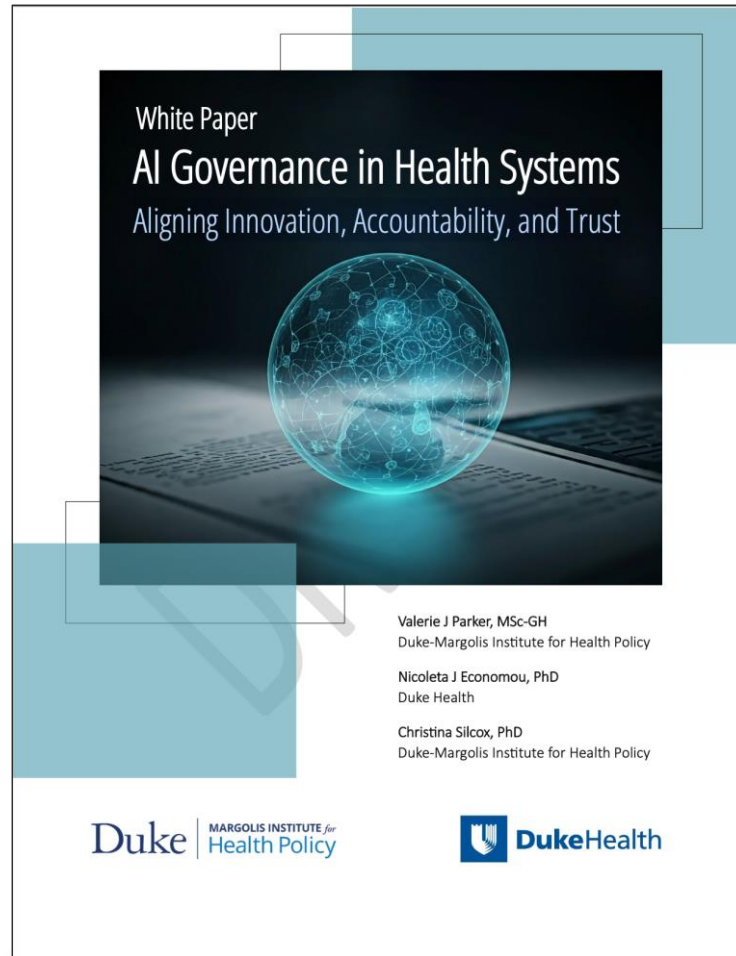
All times listed in ET

AI Governance in Health Systems: Aligning Innovations, Accountability, & Trust

Valerie J. Parker

Duke Margolis Institute for Health Policy

Recently Released White Paper



Working Group

Karen Habercoss

The University of Chicago Medicine

Hailey Hildahl

Mayo Clinic Platform

Nikesh Kotecha

Stanford Healthcare

Mark Lifson

Mayo Clinic Center for Digital Health

Michael Plesh

UNC Health

Anurang Revri

Stanford Healthcare

Ram Rimal

UNC Health

Lauren Rost

Mayo Clinic Center for Digital Health

Matthew D. Solomon

Kaiser Permanente Northern California

David Vidal

Mayo Clinic Center for Digital Health

Ellen Woo

Kaiser Permanente

Daniel Yang

Kaiser Permanente

What is AI Governance?

AI Governance: the practice of reviewing, assessing, and evaluating individual AI tools to ensure that they can be used safely, responsibly, fairly, and effectively with the health system's patient population and in compliance with applicable laws

AI Strategy: systematic consideration of how to prioritize the assessment and implementation of AI tools within the health system's overall mission

Components of AI Governance

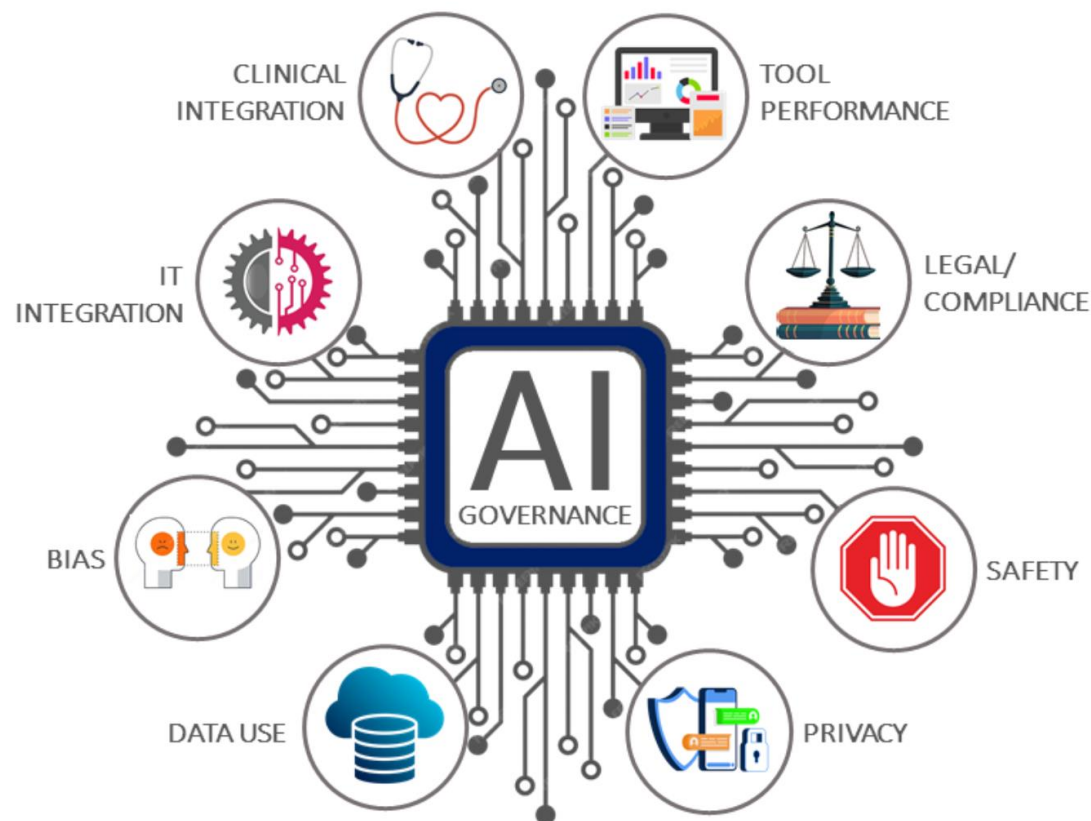
- Identification & Registration of AI Tools
- Tool Review & Assessment
- Monitoring & Surveillance
- Organizational Alignment & Engagement

Components of AI Governance: Identification & Registration of AI Tools

- Establish a system to identify AI tools under implementation consideration
 - Workforce education and advertising
 - Failsafe mechanisms via IT or procurement
- Build ongoing inventory of tools
- Collect relevant information needed for governance review

Components of AI Governance: Tool Review and Assessment

- **Variety of review areas:**
 - Data use
 - Privacy
 - Bias
 - Safety
 - Clinical integration
- **Assessment:**
 - Internal data validation
 - Flag relevant concerns
 - Suggest mitigation strategies



Other Components of AI Governance

Monitoring & Surveillance:

- During pilot phases & post-implementation
- Designate accountability to specific staff
- Governance-led audits

Organizational Alignment & Engagement: open line of communication with decision-makers

Tailoring an AI Governance Approach

- **Process-focused Variations**
 - Governance tool scope
 - Tool identification
 - Whether to build into existing governance or create separate process
- **People-focused Variations**
 - Governance Committee composition
 - Decision-making authority
 - Incorporating patient voice

Tailoring an AI Governance Approach: Process-focused Variations

- **Build into existing governance or create separate process?**
- **Governance tool scope**
 - How is AI defined?
 - Limit to clinical tools? Include operation and administrative tools?

Tailoring an AI Governance Approach: People-focused Variations

- **Governance Committee composition**
 - Representatives on day-to-day governance group?
 - What specialties are represented?
- **Decision-making authority**
 - Will the governance group issue a recommendation to c-suite or business owner?
 - Who has the final decision?
- **How to best incorporate patient voice?**

Democratizing AI Governance: Stakeholder Actions

Government

- Incentivize governance
- Set baseline standards (e.g. transparency requirements)
- Fund governance tools and workforce training

Developer

- Standardized information disclosure
- Align on expectations with health systems
- Develop tools to facilitate governance

Health System

- Share governance framework and process documentation
- Create peer-to-peer learning spaces

Additional Actions

- Governance codes of conduct
- Assurance guides and labs

Fireside Chat: Tailoring Approaches to AI Governance – Benefits and Lessons Learned

- Nicoleta Economou, Duke Health (moderator)
- Lauren Rost, Mayo Clinic
- Bridgette Ojeda, Bryan Health

Panel Discussion: Opportunities for Democratizing AI Governance

Moderator:

- **Christina Silcox**, Duke-Margolis Institute for Health Policy

Panelists:

- **Laura Adams**, National Academy of Medicine
- **Jennifer Stoll**, OCHIN, Inc.
- **Maia Hightower**, Equality AI
- **Randall Rutta**, National Health Council

Closing Remarks

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Adjournment

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