

THE FUTURE OF NURSING WITH AI

PEER TO PEER SESSION: MARCH 2026



MODERATORS



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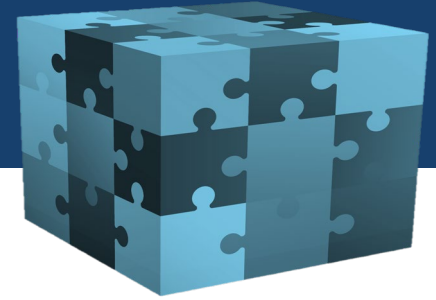
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AGENDA



1. Welcome and Agenda (4-min)
2. AI in Nursing- Dr. Sarah Mossburg (22-min)
 - How AI is being used in the workforce
 - Emerging skills nurses need to succeed
 - Opportunities these advancements create for grantees
3. Q&A for Presenter (10-min)
4. Breakout Sessions (20-min)
5. Sharing and Closeout (4-min)

SESSION OBJECTIVES



Review

Review how nurses are currently using AI in practice

Discuss

Discuss the implications of those uses for nursing workforce training programs

Identify

Identify actions that grantees can consider to align workforce training programs with trends in AI use

GUEST SPEAKER

- ▶ Sarah Mossburg, PhD, RN, CPPS
 - Principal Researcher
 - AIR
 - Smossburg@air.org



Artificial Intelligence (AI) in Nursing

Sarah Mossburg, PhD, RN, CPPS

Principal Researcher

smossburg@air.org

March 2026

AI in Nursing



Staffing, Scheduling and Workload Management



Predictive staffing models can estimate patient acuity and nursing demand



Smart scheduling tools may optimize shifts and reduce last-minute coverage gaps

Nursing Handoffs



Photo by RDNE Stock project: <https://www.pexels.com/photo/nurse-in-blue-scrub-suit-holding-a-clipboard-6129151/>

Reducing Documentation Burden



AI-assisted charting and ambient documentation



Predictive text and smart templates



Speech recognition

Curated Information for Nurses

- Mayo Clinic's Nurse Virtual Assistant
 - Generative AI
 - Direct links to EBP resources
 - Nurse Patient Summary in real time
 - Nurse-driven

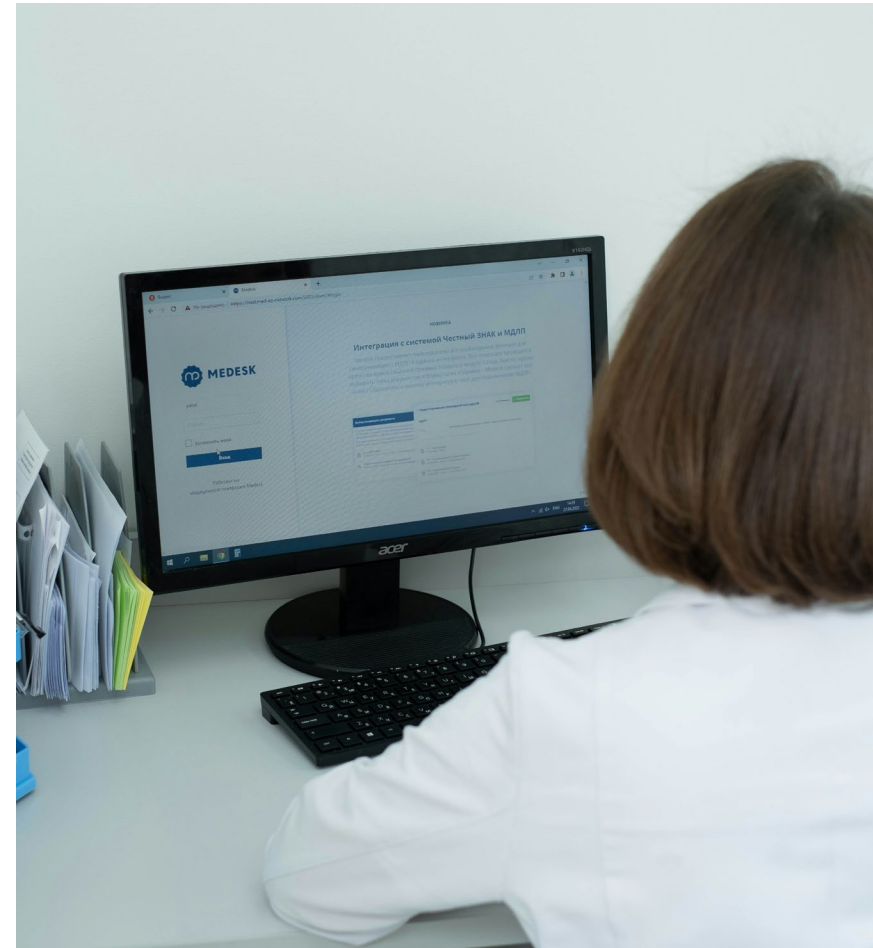


Photo by [Elen Sher](#) on [Unsplash](#)

Clinical Decision Support at the Bedside



Photo by Milada Vigerova: <https://www.pexels.com/photo/a-red-flag-on-the-beach-6725681/>

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Patient Communication and Triage Support

- AI-assisted chatbots and intake tools
 - Handle routine questions
 - Support symptom triage before escalation to nurses
- AI tools that help generate patient education materials tailored to literacy levels



Photo by [Georg Arthur Pflueger](#) on [Unsplash](#)

Education, Training and Upskilling



AI-driven onboarding tools

Just-in-time guidance
Personalized learning support



Simulation and training platforms using AI to adapt scenarios

Challenges

Adoption is outpacing evidence

Extrapolating evidence to nursing

Limited or no nursing involvement in development or validation

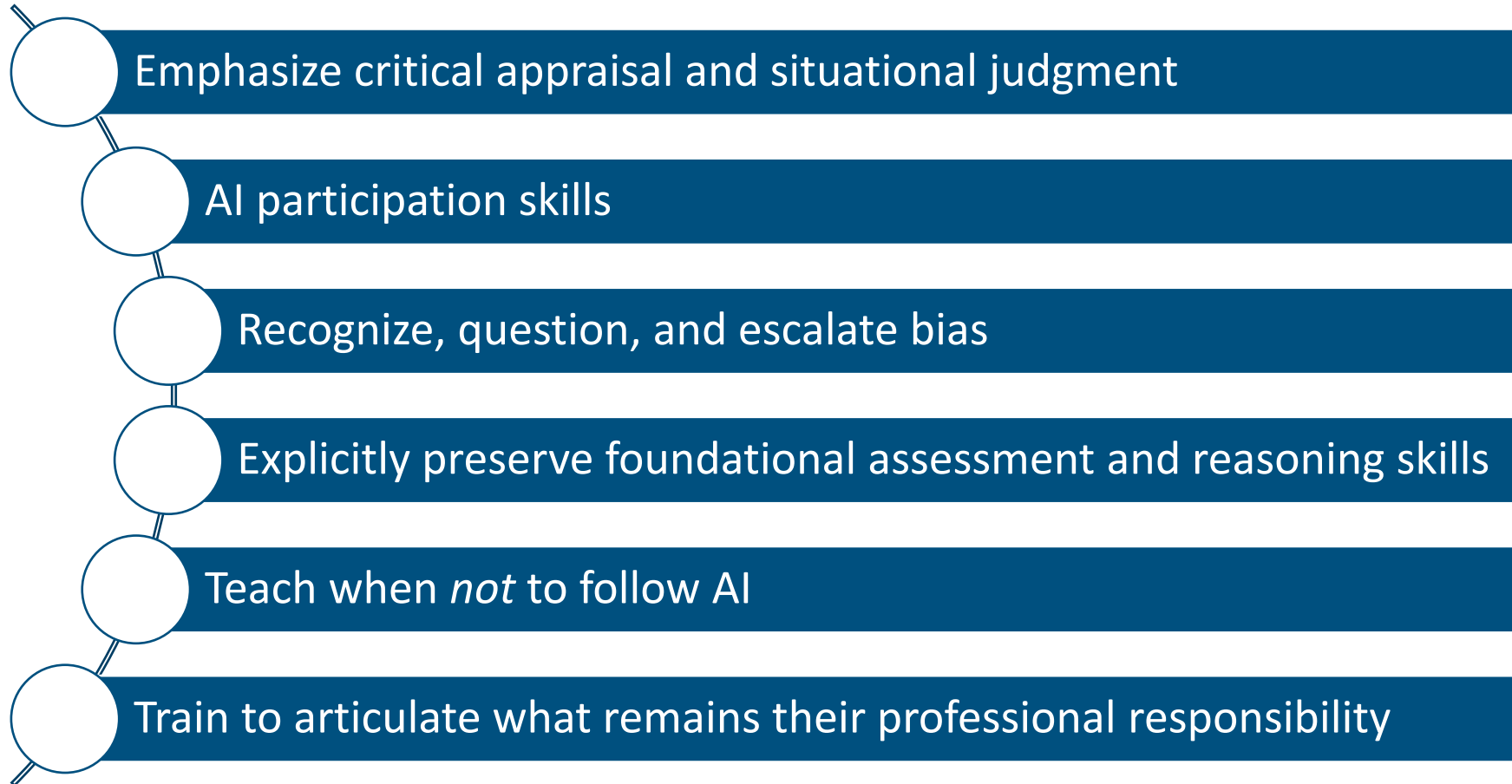
Over-reliance and automation bias

Skill atrophy and deskilling concerns

Blurred boundaries

Unclear accountability

Preparing the Workforce: Training Implications



Integrate into Training

How to work with AI

Prepare Nurses for AI-Influenced Work Environments

Explicitly Teach Ethical and Governance Responsibilities

Q&A





BREAK-OUT SESSIONS

BREAK-OUT ROOMS

Two break-out rooms will be facilitated by a TA Coach:

- Break-out 1: Grantees who are Colleges/Universities/Education
 - Speaker: Mary Fehn, Riverside Community College (3-5 min)
 - Discussion
- Break-out 2: Grantees who are Healthcare Systems/Workforce Boards
 - Discussion



SHARE AND CLOSE OUT

RESOURCES

- ▶ [DOL's AI Literacy Framework:TEN 07-25](#)
- ▶ [Integrating AI in Nursing Education,American Association of Colleges of Nursing](#)

THANK YOU



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