AI-POWERED EDUCATION:

Innovations in Higher Learning

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April 8, 2025

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Outline

- Learning in Higher Education
- Leveraging AI to address the Challenges
- How AI is Reshaping Healthcare Education @ UWO College of Nursing
- What’s Next in AI?

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Learning in Higher Education?

The curriculum is more focused and in-depth, allowing students to specialize in a particular field of study.

A greater emphasis on specialized knowledge, research, and professional development.

Higher education also promotes independent learning, critical thinking, and research skills.

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Challenges experienced by educators and learners

LEARNERS

- Foundation
- Independence (Self-directed)
- Apply in Context
- Social Interactions

EDUCATORS

- Wide Difference
- Limited time, resource, opportunity, adaptability

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Leveraging AI to address the Challenges

- Personalized Education
  - Tailoring learning experiences to individual needs
- Simulated Experiences
  - Providing practical, hands-on learning through simulations

- Study Buddy
  - AI tools for personalized study assistance
- Client Avatars
  - Use of AI avatars for patient interaction simulations

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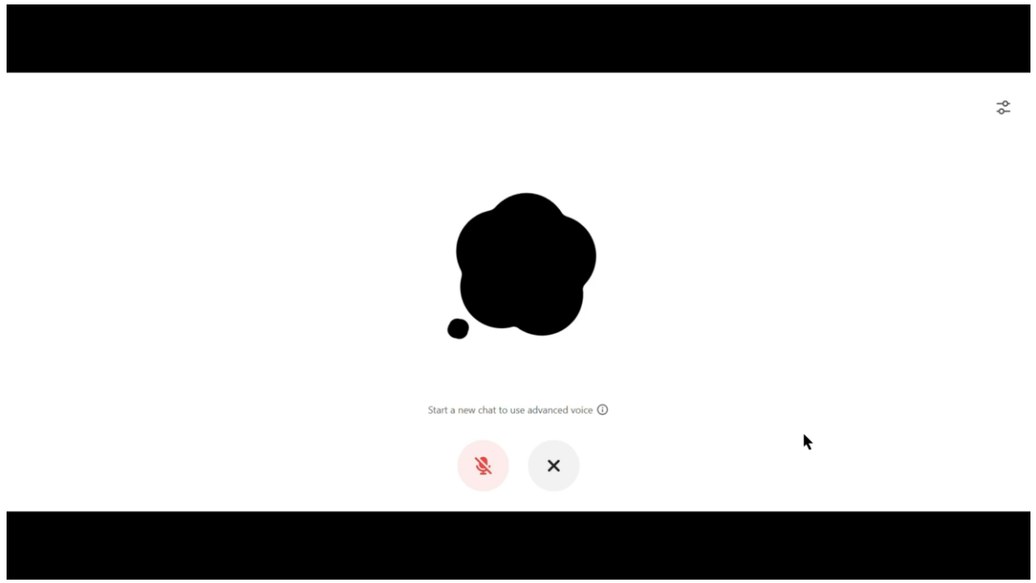
Personalized Education with Study Buddy [2:06]

- Thomas King Pharmacology



- AI-driven Customization
  - Adapts to individual learning styles
  - Adjusts to different learning paces
- Benefits of AI in Education
  - Improved engagement
  - Better academic performance

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Realistic, interactive learning with Simulation [1:25]

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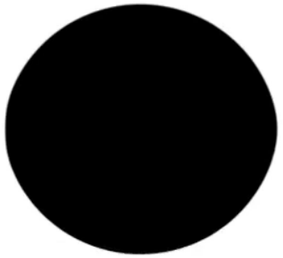

Start a new chat to use advanced voice

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Realistic, interactive learning with Simulation

- Meet Maggie.
- Personality is designed to encourage students to ask better questions:
  - Offer one-word responses to closed-ended questions.
  - Not to give away any social determinants of health unless students ask directly.

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What's Next: AI in Education

- AI Agents and Embodiment
- Maintaining Humanness
  - Balancing technology with human elements
  - Ensuring human touch in AI-augmented education

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Collaboration with Industry Partners

- Partnerships
  - Importance of collaborating with industry partners
- Examples
  - Board of Visitors
  - Epic

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UWO AI Taskforce and Upcoming Events

- UWO AI Taskforce
- Chancellor's Executive Breakfast

Chancellor's Executive Breakfast

Join University of Wisconsin-Oshkosh Provost and Vice Chancellor for Academic Affairs Ed Martini as he outlines UWO's striking new academic restructuring and college-career connectivity, designed to drive the university and the region far into the future.

Thursday, April 24, 2025
7:30 to 9:15 a.m.
Culver Family Welcome Center.

Schedule
7:30 a.m. – Registration and Continental Breakfast
8 a.m. – Welcome, Chancellor Andy Leavitt
8:15 a.m. – Keynote presentation by UWO Provost Ed Martini

Complimentary Registration | **RSVP here by April 21.** Limited seating is available.

Keynote Topic
UWO 2.0–Reimagining the Future of Learning and Working in the Fox Valley

THANK YOU

ALWAYS ONE STEP AHEAD.