



From Harlem to Holograms: The Future of Immersive Education

Inside U of A-Funded Scholarship

November 12, 2024
12:00pm – 1:00pm



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Land Acknowledgement



**From Harlem to Holograms: The Future of
Immersive Education**



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Event Introduction



Guadalupe (Guada) Lozano, Ph.D.

Director and Endowed Chair, CUES

Director, External Relations, School of Mathematical Sciences

Research Professor of Mathematics

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Speaker & Panelists



Bryan Carter, Ph.D.

CUES Distinguished Fellow

Director, Center for Digital Humanities

Professor, Africana Studies

Professor, Applied Intercultural Arts Research—GIDP

College of Humanities



Jacqueline Maximilian, Ph.D.

Associate Professor of Practice, Environmental Science

College of Agriculture, Life & Environmental Sciences



Daniel Shevelev

Graduate Student, Machine Learning & Artificial Intelligence

College of Information Science

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Room Name: ua-cdh1
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"From Harlem to Holograms: The Future of Immersive Education"

XR

Introduction: The Vision of Immersive Education

- CUES grant mission and project goals.
- Initial exploration of virtual learning environments.

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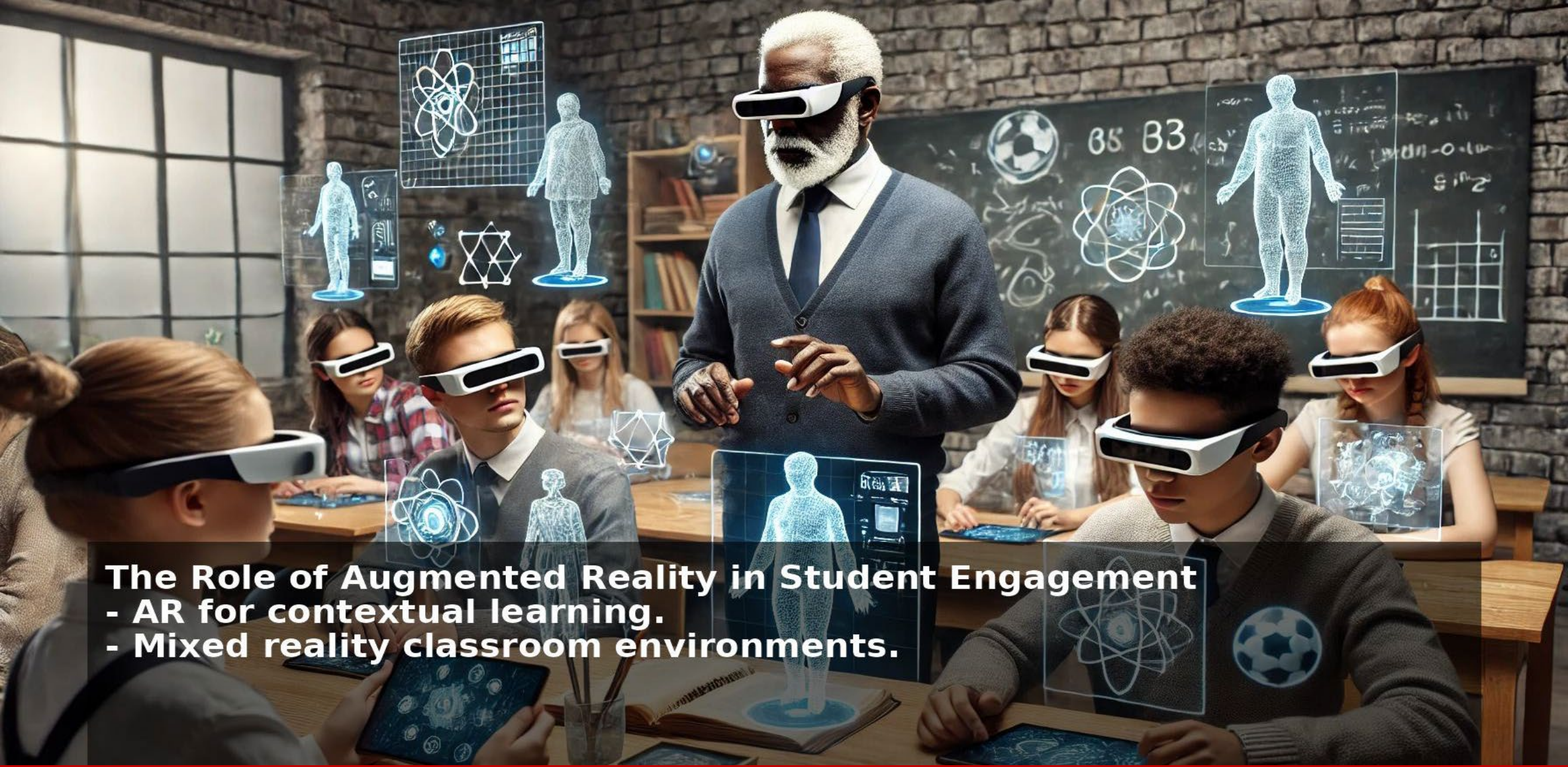


Evolution from Virtual Harlem to Augmented Reality
- Virtual Harlem as the starting point.
- Transition to AR and interactive spaces.

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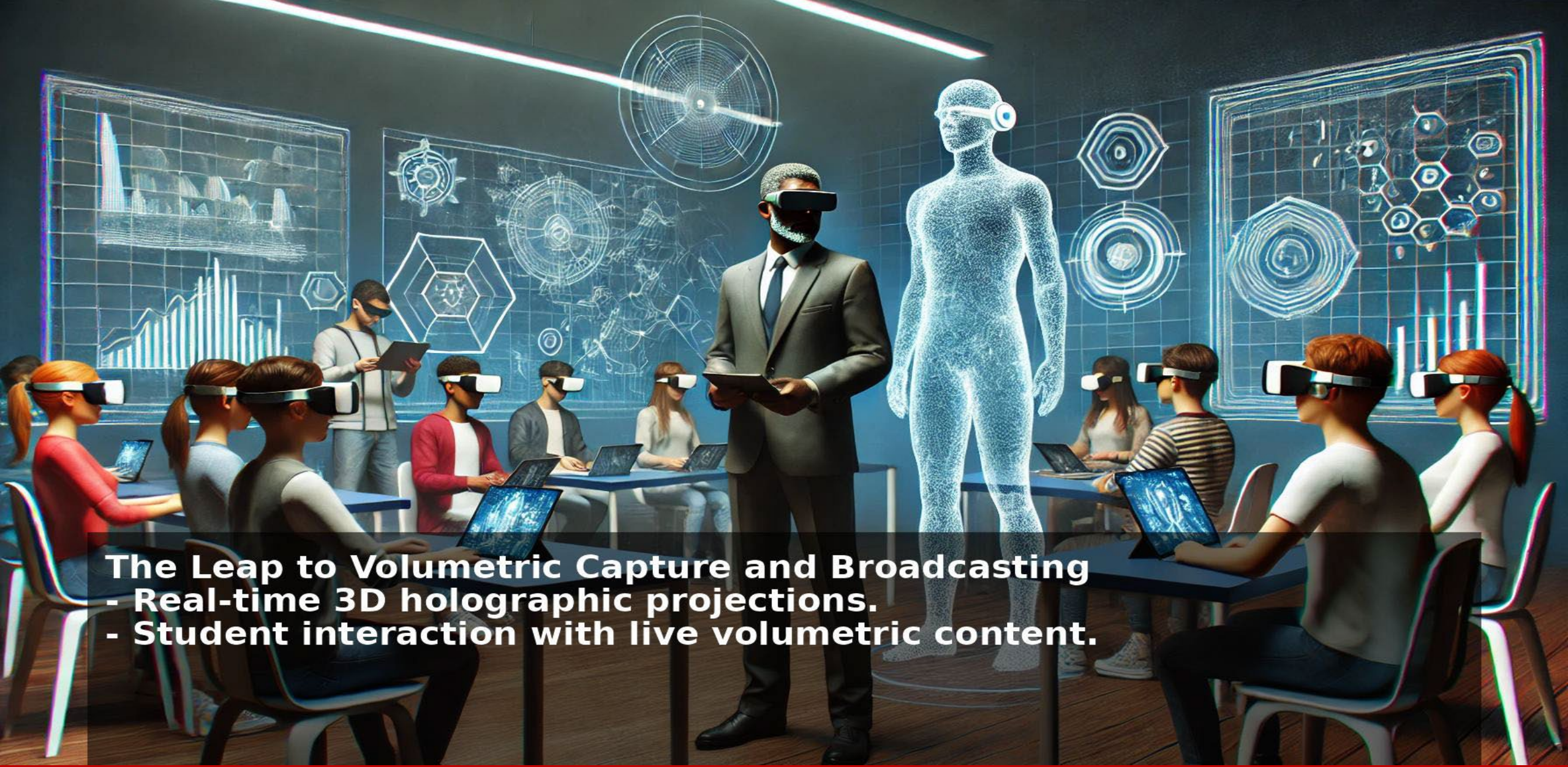


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The Role of Augmented Reality in Student Engagement
- AR for contextual learning.
- Mixed reality classroom environments.

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The Leap to Volumetric Capture and Broadcasting
- Real-time 3D holographic projections.
- Student interaction with live volumetric content.

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Demonstration: Volumetric Broadcast in Action
- Live demo of volumetric broadcast technology.
- Interactive experience for students and participants.

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Q&A

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CUES Distinguished Fellowships:

Nominations due March 31, 2025

Read more & view office hours >>>



NOTE: *Look out for workshop series to support proposal preparation in early Spring!*



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