

# Texas AI Integration Showcase

Wednesday, February 19, 2025, 3:00 – 4:00 PM CDT

Discover innovative and interesting ways that Texas institutions of higher education are leveraging AI. This webinar is designed for anyone who is eager to explore how AI can be used to enhance learning, streamline operations, and drive educational excellence. Discover real-world applications and gain valuable insights from Texas peers, and get a preview of the new Adapting to Innovation hub on OERTX!

## Lightning Talk Presenters



Patricia McManus integrates an extensive teaching background with expertise in artificial intelligence and digital innovation. Her interdisciplinary academic foundation combines information systems, e-commerce, marketing, and communication, complemented by advanced AI certifications from Microsoft, AWS, and NVIDIA. Patricia's research contributions span multiple peer-reviewed publications and academic journals, where she explores the intersections of artificial intelligence with business innovation and societal impact. Her work bridges theoretical frameworks with practical applications, contributing valuable insights to both academic discourse and industry practice. As a pioneer in AI education, Patricia has developed and teaches cutting-edge courses in Computer Vision, Deep Learning, Neuroscience as a model for AI, and AI in Telecommunications. Her international impact includes collaborations with Oxford University and educational institutions across Australia, China and Indonesia, demonstrating exceptional ability to bridge cultural and technological boundaries. Throughout her career, Patricia has played instrumental roles in expanding digital frontiers across Australia, Asia, and the Americas. Her vision centers on employing technology as a constructive force for positive change. Rather than pursuing accolades, her genuine commitment to student development and empowerment drives her teaching philosophy, which emphasizes real-world competencies, critical thinking, and responsible innovation. Students consistently describe her as approachable, dedicated, and encouraging—qualities that create an engaging and effective learning environment where future technology leaders thrive.



As an Associate Professor of Education at Sul Ross State University (SRSU), Dr. Miller has extensive experience in both K-12 and higher education experience in teaching, research in STEM literacy and developing digital curriculum programs and curricula in digital literacy, STEM, and makerspace research initiatives. Dr. Miller is the LFRI Director at Sul Ross State University, which houses a mobile STEM lab. Dr. Miller has designed numerous STEM education and makerspace experiences funded through the National Science Foundation, the American Astronomical Society and NASA and worked to incorporate digital experiences for the 2017 eclipse, 2023 eclipse, and 2024 eclipse. Dr. Miller is the program coordinator for the M.Ed. Educational Instructional Technology degree program at Sul Ross State University.



Dr. Sunay Palsole is the Assistant Vice Chancellor for Remote Engineering Education at Texas A&M University, with over 20 years of experience in academic technology. A pioneer in online education, he has designed multimedia and online teaching applications since the 1990s and developed his first online course in 1997. Dr. Palsole has worked with hundreds of faculty to create innovative hybrid and online courses, achieving high levels of student success and satisfaction. An internationally known speaker, he has helped design multiple industry focused graduate degrees and certificates. His current research focuses on integrating AI and machine learning to enhance instructional and administrative efficiency.