

Faculty Fellowship Project

“From Draft to Quality: Using AI to Develop and Improve Online Course Content at Scale”

This project develops a faculty-ready toolkit to support efficient and high-quality online course content development using artificial intelligence (AI). The project focuses on a practical workflow in which AI tools are used to generate instructional materials, such as lesson content, activities, and exercises. Also, AI-supported review step is used to evaluate clarity, alignment, and effectiveness before faculty finalize content. The resulting toolkit will include a prompt library, templates, review checklist, and sample modules that can be adapted across disciplines. Designed for scalability, the project will provide departments with practical resources to improve course quality, consistency, and student engagement across VState Online programs.

About Dr. Lu:

Jia Lu is a Professor of Geography and Urban Planning at Valdosta State University. She received her Ph.D. from The Ohio State University and holds degrees in planning and architecture. Her research focuses on geospatial technology, environmental studies, and urban planning, with numerous publications and NSF-funded projects. Dr. Lu is actively involved in online education; one of her courses is nationally Quality Matters certified, and she has been nominated for the University Excellence in Online Teaching Award. She has also mentored undergraduate students who have gone on to competitive graduate programs with scholarships.