

50 BIG INNOVATIONS

the widespread infusion of **digital fluency**



Data Fluency and Innovation Program

Digital Fluency Benchmarking

Digital Fluency Micro-credentials

Artificial Intelligence Academic Pathway

Ubiquitous Access to Distributed Technologies

Embedded Academic Incubation of IoT Solutions

OER Pilots

Faculty/Designer Playground for Emerging LMS Tools

Cross-Disciplinary Virtual Assistant Solution Incubation

student success in the form of retention + persistence to a degree



Core Facility for Adaptive Learning Data Analytics

Community for Scaling Adaptive Learning Across Disciplines

Strategic Partnerships with Adaptive Courseware Providers

AI-Adaptive Learning Research Program

Automated Assessment for Creative Activities

Assessing Workforce Preparedness

Enhancing Digital Portfolios for Career Success

Formally Recognizing Informal Learning

Digital Badges / Portfolios Integration

AI-Enabled Cognitive Content Discovery

Increasingly Sophisticated AI Advising

AI-Powered Tutors and Chatbots

Towards Actionable Data: A Machine Learning Program

Virtual Reality ASU Tours

Enterprise-Wide VR Adoption

Mixed Reality in Campus Immersion Courses

Blockchain Infrastructure for Lifelong Learning

Recognizing Community-Based Learning

Removing the Constraints of LMS

Solutions Suite for Ubiquitous Student Interaction

Virtual Assistant Lending Program and 1:1 Pilots

smart campuses as living labs



Personalized Campus Experiences for Learners

Data-Informed Campus Resources for Students

Experimental Smart Spaces and IoT Solutions

ASU-Led Smart Communities

LMS as the Backbone of Smart Campuses

Embedded Virtual Assistants in Learning Spaces

cross-institution collaboration towards solving common challenges + breeding + learning innovation



Cross-disciplinary Micro-credentials

Multi-University Certifications

Innovation Collaboration Database and Forum

Machine Learning Solutions Collaboratory

IoT-Sustainability Academic and Research Pathways

Collaborative XR Design Repository

Voice-Activated Project and Resource Discovery

amazing learning experiences through **next-generation learning environments**



Scaling Adaptive Learning to Digital Immersion Courses

Extending Adaptive Technologies to Informal Learning Environments

IoT / LMS Integration

1:1 VR Program for Learners

Completely Customizable LMS for Programs and Courses

Voice-Activated Technology Support