# 50 BIG INNOVATIONS

## 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
- 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