

# TASHA PENWELL, MISM

Assistant Professor of Instruction, Management Information Systems

College of Business • Ohio University

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Curriculum Vitae — Updated August 2026

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## ACADEMIC APPOINTMENTS

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### **Director, Integrated Business Cluster | Ohio University, College of Business June 2026 – Present**

- Provide academic and administrative leadership for the Integrated Business Cluster, the College's integrated core business curriculum.

### **Assistant Professor of Instruction, Management Information Systems | Ohio University, College of Business August 2024 – Present**

- Design and deliver undergraduate MIS and business analytics curriculum, including QBA1720 and MIS2800.
- Apply Universal Design for Learning frameworks to instructional materials and assessment design.

### **Founder & Educator | Bytes & Bits Education and Training Services August 2021 – Present**

- Design and deliver cloud computing, AI literacy, and digital literacy curricula for adult and non-traditional learners.
- Develop applied AI learning tools and open educational resources for rural and underserved populations.

### **Computer Science Program Manager & Instructor | Hocking College July 2018 – May 2022**

- Led design, development, and HLC accreditation of a two-year Data Analytics degree program.
- Launched one of Ohio's first AWS Academies; developed Certified Cloud Architect program curriculum.

## EDUCATION

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**PhD, Instructional Technology** — Ohio University (in progress; expected May 2029)

**Master of Information Systems Management (MISM)** — Keller Graduate School of Management, 2014

**Bachelor of Science, Information Technology** — University of Rio Grande, 2012

## RESEARCH INTERESTS

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- Artificial intelligence and intelligent tutoring systems in computing and business education
- Generative AI and learning outcomes — alignment of AI-assisted instruction with Bloom's Taxonomy
- Digital literacy and technology access in rural and Appalachian communities
- Augmented reality and immersive technology as instructional environments in STEAM education
- Ethical and responsible AI deployment in educational and professional contexts
- Regional industrial transition in Appalachian Ohio and the Ohio River Valley (what workforce and community outcomes from the steel and automotive eras predict for the current data center buildout)
- Experiential and applied learning in business education — design, implementation, and assessment of industry-partnered student work

## PUBLICATIONS

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### **Books**

- **Beginning AWS Security.** Apress / Springer, 2023. <https://link.springer.com/book/10.1007/978-1-4842-9681-3>
- **Snaphat & AR in the STEM Classroom: Project-Based Learning Strategies for Grades 9–12.** Self-Published.

## RESEARCH LEADERSHIP & EDITORIAL SERVICE

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- **Web Chair** — MWAIS 2026 International Conference, Midwest Association for Information Systems. Designed and deployed the official conference event application. (2025–2026)
- **Peer Reviewer** — Association for University Regional Campuses of Ohio (AURCO) Journal. Reviewed manuscript on generative AI and Bloom's Taxonomy for sustainable learning outcomes. (December 2025)
- **Peer Reviewer** — Academy of Management, Annual Meeting. (2025)
- **Contributor, Trusted AI Safety Expert (TAISE)** — Cloud Security Alliance. Contributing author and session reviewer for the organization's trusted AI knowledge base. (2025–Present)

## AWARDS & HONORS

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- **Rising Star Award for Instructional Faculty** — Ohio University. (2026)
- **First Place, Appalachian Ignite Small Business Competition** — Gallia County, Ohio. (Summer 2025)
- **AWS Educate Ambassadors** — Selected for inaugural cohort.
- **AWS Community Builder** — Three consecutive years.

## CONFERENCE PRESENTATIONS

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- ***Closing the Rural Digital Divide with Google Colab*** — Southern Spark 2026: Grounded Futures, AI in the South. Jackson State University. (June 2026)
- **Ohio Education Technology Conference (OETC)** — Presenter. (2026)
- **Academy of Business Research Conference** — Presenter. (2025, 2026)
- ***Pioneering STEAM Innovation with WebAR and 8th Wall*** — Southern Spark Conference. (June 2025)
- **Universal Design for Learning Workshop** — Ohio University. Presenter. (June 2025)
- ***AR & AI/ML: Engaging Students with Snapchat Filters*** — A.I. in L.A. Summit. (November 2024)
- ***Introducing Machine Learning with SnapML*** — Future of Education Technology Conference (FETC).
- **AI Speaker Series** — Shawnee State University. Invited speaker.

## APPLIED RESEARCH & DEVELOPMENT PROJECTS

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- **Sparky — Intelligent Tutoring System** — Designed and deployed a locally hosted AI tutoring system built on Gemma and Ollama, developed for skilled-trades and non-traditional adult learners in rural Appalachia. Ongoing applied research in personalized learning design and localized AI deployment. [tmppenwell.github.io/sparky-live-online/](https://tmppenwell.github.io/sparky-live-online/)
- **MWAIS 2026 Conference Event Application** — Designed and deployed a full conference event application for an international academic conference, delivering measurable cost savings and improved attendee experience.
- **AR/WebAR STEAM Learning Experiences** — Developed 100+ augmented reality learning artifacts generating 7M+ views/plays; deployed across K–12, higher education, and rehabilitation education contexts.

## UNIVERSITY & PROFESSIONAL SERVICE

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- **Co-Advisor, Information Systems Association Program (ISAP)** — Ohio University. (2025–Present)
- **Workshop Presenter, Business Analytics** — JCOB Summer College Experience, Ohio University. (Summer 2025, 2026)
- **Co-Lead, TechSavvy** — Ohio University. (Summer 2025, 2026)
- **Volunteer Instructor, Digital Literacy** — Field of Hope Drug & Alcohol Rehabilitation Center. (2019 - 2024)

## PROFESSIONAL CERTIFICATIONS & TRAINING

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- AI Certs — AI+ Executive Certification and AI+ Educator Certification
- Google Cloud Certified — Cloud Digital Leader (2024)
- ACUE Certification in Effective Online Teaching Practices
- CITI Program — Research Ethics Certifications (multiple)
- AWS Solutions Architect – Associate (2022, lapsed); AWS Educator; AWS re/Start Instructor
- Universal Design for Learning Workshop, Ohio University (2025); Hocking College Leadership Institute (2021)