

DANIEL SINGLETARY

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Recent Ed.D graduate with an interest in helping educators bridge the gap between research and practice through the use of educational technology and game-based learning.

#AdultLearningTheory #SystematicReviews #Bibliometrics #GameBasedLearning

EDUCATION

BOISE STATE UNIVERSITY

BOISE, ID

Ed.D., Educational Technology, May 2025

Dissertation: *Beyond the Flow: A Critical Examination of Engagement and Learning Outcomes in Game-Based Learning through Bibliometric and Manual Literature Analysis*

TEXAS A&M UNIVERSITY

COLLEGE STATION, TX

M.Ed., Educational Technology

LIBERTY UNIVERSITY

LYNCHBURG, VA

B.S. in Information Technology, Game Design, Graduated Cum Laude, Dean's Honor List

PUBLICATIONS

Singletary, D. (2025). Beyond the Flow: A Critical Examination of Engagement and Learning Outcomes in Game-Based Learning through Bibliometric and Manual Literature Analysis

Davis, M., & Singletary, D. (2024). Exploring the Evolving Landscape of Simulation-Based Education in Nursing Undergraduate Curricula 2018-2023: A Bibliometric Investigation. *The Journal of Applied Instructional Design*: May 2024, 13(2). <https://doi.org/10.59668/1269.15653>

Singletary, D. (2023). Peer Pedagogy on Digital Platforms: Learning with Minecraft Let's Play Videos. *American Journal of Play*, 15(2), 230-231.

PROFESSIONAL PRESENTATIONS AND CREATIVE ACTIVITIES

National

Presented at the 2023 Association for Educational Communications & Technology Conference

Davis, M., & Singletary, D. (2024). Exploring the Evolving Landscape of Simulation-Based Education in Nursing Undergraduate Curricula 2018-2023: A Bibliometric Investigation. *The Journal of Applied Instructional Design*: May 2024, 13(2). <https://doi.org/10.59668/1269.15653>

Service Contributions

2024-Present AECT Accessibility Committee Member

2019-2021 GoWeb Steering Committee Member, Texas A&M University

2017-2019 12th Man Student Organization Leader, Texas A&M University

PROFESSIONAL EXPERIENCE

TEXAS A&M AGRILIFE RESEARCH

Fort Worth, TX and College Station, TX

Training & Development Coordinator

January 2024 - July 2025

- Workshop Design and Facilitation: Designed and facilitated workshops using adult learning theory and multi-platform training content.
- Curriculum Development: Led teams in applying instructional design models to create accessible and scalable learning programs.
- LMS Administration and Training: Provided support in launching and administering Canvas LMS, optimizing training delivery and analytics.

Software Applications Developer II

August 2022 - January 2024

- LMS Administration and Training: Provided comprehensive support in launching and administering Microsoft LMS 365 and Canvas LMS, enhancing training delivery and analytics.
- Digital Accessibility: Implemented accessibility audits and provided training on web content accessibility best practices, ensuring compliance with WCAG 2.1 Level A and Section 508 standards.
- Strategic Web Initiatives: Assisted in implementing state-wide strategic web initiatives, supporting over 8,000 students and faculty, and aligning digital solutions with academic program and department objectives.

TEXAS A&M FOUNDATION

Technical Trainer

October 2021 - August 2022

- Training Delivery: Developed and delivered in-person and online technical training programs using the Salesforce myTrailhead LMS.
- Curriculum Development: Designed Salesforce curricula based on adult learning principles to enhance staff IT proficiency.
- Training Evaluation and Improvement: Analyzed training effectiveness through evaluations and updated materials to reflect best practices.

TEXAS A&M UNIVERSITY

College Station, TX

Digital Systems Architect, Mays Business School

June 2019 - October 2021

- Web Development Expertise: Developed websites using WordPress CMS, HTML, CSS, PHP, JS and SQL.
- Digital Accessibility: Conducted accessibility audits and trained stakeholders on web content accessibility best practices, ensuring compliance with WCAG 2.1 Level A and Section 508 standards.
- Strategic Web Initiatives: Led institution-wide strategic web initiatives, supporting 4,200+ students and faculty, and aligning digital solutions with academic program and department goals.

Graduate Assistant Web Developer, Division of Student Affairs IT

June 2017 - May 2019

- Website Management: Supported 18 departmental WordPress websites, driving enrollment

and supporting services for over 58,000 users.

- Accessibility and Performance Enhancement: Enhanced website accessibility and performance through SEO, Google Analytics, and Google Tag Manager, leading to increased user engagement and CTA conversions.
- Training and Development: Trained over 150 faculty and student workers on web content accessibility best practices and developed training materials to reduce onboarding time for new WordPress CMS platform users.

APPLE

Austin, TX

Senior Technical Support Advisor, Mac & iOS

December 2014 - January 2017

- Training and Development: Trained customers and staff on technology, and developed internal training guides.
- Leadership and Mentoring: Led peer mentoring sessions for new advisors, boosting team performance and improving resolution rates.

CERTIFICATIONS AND PROFESSIONAL DEVELOPMENT

- Generative AI in Learning and Development, LinkedIn Learning (2024)
- Introduction to Systematic Review and Meta-Analysis, Johns Hopkins (2023)
- CITI Program: Human Research: Social & Behavioral Researchers (2022)
- Apple Teacher Certification (2018)

WORKSHOPS & INVITED TALKS

Courses / Workshops Taught

- Texas A&M AgriLife Research
 - AECT 24 Conference Presentation: Ensuring Accessibility in Academic Web and LMS Content: Alt Text, Color, and Heading (in-person)
 - ChatGPT and Generative Use in Web Development (in-person)
 - EPPI-Reviewer Beginner Basics (virtual instructor-led)
 - Everyday Work Productivity Hacks using ChatGPT (in-person)
 - WordPress Accessibility (virtual instructor-led)
 - WordPress Media Editing (virtual instructor-led)
 - WordPress Theme Update / New Functionality (virtual instructor-led)
- Texas A&M Foundation
 - Salesforce Donor Research (virtual instructor-led)
 - Salesforce Intelligent Map Routing (hybrid)
- Texas A&M University Mays Business School
 - Club Web / Wordpress Accessibility and Essentials (in-person)
- Texas A&M University Division of Student Affairs IT
 - Cybersecurity Fundamentals, (in-person)
 - WordPress Beginner (in-person)

PROFESSIONAL AND SCHOLARLY ORGANIZATIONS

Memberships/Leadership

2024-Present AECT Accessibility Committee, Member

2019-Present AECT, Member

2019-Present The Learning Guild, Member