

KELLI M. ADAM

CURRICULUM VITAE

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EDUCATIONAL EXPERIENCE

Ph.D. in Curriculum and Instruction <i>In Pursuit</i> – Texas A&M University <i>Emphasis: IT Education</i>	2021 – present
M.S. in Management Information Systems – Texas A&M University	2009
B.B.A. in Finance – Texas A&M University	1991

PROFESSIONAL EXPERIENCE

Educational Consultant , Texas A&M University, College Station, TX	2024 – present
IDEALS Lab Coordinator , Texas A&M University, College Station, TX	2022 – 2024
Instructor , Blinn College District, Bryan, TX	2012 – 2021
Trainer/Subject Matter Expert , Microsoft Corporation, Redmond, WA	1999 – 2009
Technical Trainer , Datawiz International, San Mateo, CA	1995 – 1999
President/Principal Consultant , ConnectOS Corporation, WA & TX	1995 – 2011
Technical Training Manager , Wall Data Corporation, Kirkland, WA	1993 – 1995

PUBLICATIONS

- Adam, K.,** Joseph, M., Lightfoot, R., Walker, W.C., & Donaldson, J.P. (2023). Using a design-based research methodology to improve competency-based grading. In P. Blikstein, J. Van Aalst, R. Kizito, & K. Brennan (Eds.), *Proceedings of International Conference of the Learning Sciences (ICLS) 2023* (pp. 1994-1995). International Society of the Learning Sciences. <https://2023.isls.org/proceedings/>
- Adam, K.** (2023). Review of Connecting teens with technology at the library. *Education Review*, 30. <https://doi.org/10.14507/er.v30.3683>
- Adam, K.** (2000). *Internet Information Services Administration*. Sam's Publishing.
- Adam, K.,** & Scrimger, R. (1998). *MCSE Training Guide, TCP/IP* (2nd ed.). New Riders Publishing.

CONFERENCE PRESENTATIONS

- Adam, K.,** Lightfoot, R., & Chowdhury, M. (2024). Exploring competency-based education experiences: A design-based mixed-methods study [Short paper]. 2024 International Conference of the Learning Sciences, June 10-14, Buffalo, New York.
- Adam, K.,** Chaney, K., Chowdhury, M., & Donaldson, J. P. (2024). Putting theory into practice: The complex experiences of veterinary students in a constructivist writing assignment [Poster]. 2024 International Conference of the Learning Sciences, June 10-14, Buffalo, New York.
- Adam, K.,** & Chowdhury, M. (2024). From Prompt to Paper: A case analysis of AI and academic writing [Poster]. 2024 International Conference of the Learning Sciences, June 10-14, Buffalo, New York.

- Thakuri, R., **Adam, K.**, Chowdhury, M., Chaney, K., & Donaldson, J. P. (2024). Pedagogical innovation through advocacy: Understanding the complexity of constructive learning in veterinary education [Conference presentation]. 2024 American Educational Research Association (AERA) Annual Meeting, April 11-14, Philadelphia, PA, USA.
- Adam, K.**, Mier, N., Chowdhury, M., & Donaldson, J. P. (2024). Enhancing student communication skills through constructionist learning and authentic advocacy [WIP presentation]. 2024 American Educational Research Association (AERA) Annual Meeting, April 11-14, Philadelphia, PA, USA.
- Adam, K.** & Kogut, A. (2023). Teaching computing based on constructivist theory in high schools: A systematic review. Paper presented at the 2024 American Educational Research Association (AERA) Annual Meeting, April 11-14, Philadelphia, PA, USA.
- Adam, K.** (2024). Deterrents and motivations for taking computing in U.S. high schools: A mixed-methods study [WIP presentation]. Southwest Educational Research Association (SERA), February 14-16, Arlington, Texas.
- Adam, K.** (2024). Constructivism meets TPACK: An integrated theoretical approach for technology education research [WIP presentation]. Southwest Educational Research Association (SERA), February 14-16, Arlington, Texas.
- Adam, K.** & Mier, N. (2023). Engaging students to strengthen communication and critical thinking [Conference poster]. Texas Conference on Student Success, College Station, Texas.
- Robbins, J., **Adam, K.**, Schenkel, D., & Johns, C. (2023). Exploring assessment in higher education [Conference roundtable]. Texas Conference on Student Success, College Station, Texas.
- Adam, K.**, Lightfoot, R., Chowdhury, M., & Donaldson, J. (2023). Cultivating computational thinking through game-based learning [WIP presentation]. IEEE Frontiers in Education Conference. College Station, Texas.
- Adam, K.**, Joseph, M., Lightfoot, R., Walker, W.C., & Donaldson, J.P. (2023). Using a design-based research methodology to improve competency-based grading [Conference poster]. International Society of the Learning Sciences (ISLS), June 11-15, Montreal, Quebec.
- Adam, K.** (2023). Working paper: A statistical approach to Likert survey data for a competency-based grading schema [Conference presentation]. American Educational Research Association (AERA), April 13-16, Chicago, Illinois.
- Adam, K.** (2022). Critical research issues in information technology education in a secondary context [WIP presentation]. Southwest Educational Research Association (SERA), February 23-25, New Orleans, Louisiana.
- Adam, K.** (2004). Microsoft Office Solution Accelerator for Sarbanes-Oxley. Microsoft Partner Airlift [Conference workshop], Seattle, Washington.
- Adam, K.** (1998). Internetworking with TCP/IP on Windows NT 4.0. Microsoft TechEd 1998 [Conference presentation], Orlando, Florida.
- Adam, K.** (1997). Implementing and Supporting Internet Information Server (IIS) 4.0. Microsoft TechEd. [Conference presentation], Yokohama, Japan.

RESEARCH EXPERIENCE & PROJECTS

Over the past year and a half, I have worked as a graduate research assistant and IDEALS lab coordinator in the learning sciences discipline. I am improving my skills in qualitative coding, social network analysis, and article preparation within the field of action research.

TEACHING EXPERIENCE

Instructor, Blinn College District

“Intermediate Web Programming” (64 contact hours)	2019 - 2020
“Enterprise Network” (64 contact hours)	2015 - 2021
“Personal Computer Hardware” (48 contact hours)	2015 - 2020
“Implementing and Supporting Servers” (64 contact hours)	2014 - 2021
“Supporting Network Server Infrastructure” (64 contact hours)	2013 - 2020
“Fundamentals of Networking Technologies” (64 contact hours)	2012 - 2021
“Computerized Accounting Applications” (48 contact hours)	2013 - 2014
“Business Computer Applications” (48 contact hours)	2012 - 2015

Graduate Assistant Non-Teaching, Texas A&M University

“Theory and Application of Classroom Instructional Strategies” (3 credit hours)	2022
“Senior Methods – Science” (3 credit hours)	2021
“Senior Methods – Social Studies” (3 credit hours)	2021
“Accounting Information Systems” (3 credit hours)	2008

Other

Elementary Aggie STEM Summer Camp, Texas A&M University (1 week)	2023
Elementary Aggie STEM Summer Camp, Texas A&M University (3 weeks)	2022

TECHNICAL CERTIFICATIONS & ACHIEVEMENTS

Microsoft Certified: Azure AI Fundamentals, 2024
 CompTIA Network+, 2020
 Microsoft Innovative Educator Expert Badge, 2016
 Microsoft Certified Technology Specialist (MCTS) on SharePoint, 2006
 Microsoft Certified Small Business Specialist, 2006
 Microsoft Certified Systems Engineer + Internet (MCSE+I), 1997
 Microsoft Certified Trainer (MCT), 1995
 Certified Technical Trainer (CTT), Chauncey Group International, 1995
 Microsoft Certified Professional (MCP), Certification ID #1627, 1992

MEMBERSHIPS

CompTIA Association of IT Professionals
 CompTIA Advancing Women in IT Community

Microsoft in Education Training Provider Program

SERVICE

Counselor, Texas A&M University Grad Camp 2023

Board of Directors, Voices for Children of the Brazos Valley, 2021-2022

Court Appointed Special Advocate (CASA), Voices for Children of Brazos County, 2019 - present

Technology Advisory Committee Member, Bryan ISD, 2019 - 2021

Technology Advisory Committee Member, College Station ISD, 2018 - 2020

Calendar Committee Member, Bryan ISD, 2018 - 2019

Information Technology Advisory Board Member, Blinn College District, 2012 – 2021

Board of Directors, Kirkland Chamber of Commerce, 2001-2004

Board of Directors, Kirkland Arts Center, 1997-2004