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Education

Master of Science, Instructional Psychology and Technology Brigham Young University, December 2022

Bachelor of Science, Psychology, Emphasis in Industrial/ Organizational Psychology Brigham Young University - Idaho, 2017

Associate of Arts. Behavioral Sciences Riverside City College, 2012

Publications

Journal Articles

Swanson, M. & Rich, P.J. (Under Review). Assessing the Knowledge, Attitudes, and Practices of Elementary Teacher Educators on the Inclusion of Computational Thinking Through Coding.

- Bal, I. A., Arslan, O., Duha, M. S. U., Marcelle, P., Dolowitz, A., Bernhardt, J., Dash, M., Alvarado-Albertorio, F., Collier, J., **Swanson, M**., Michela, E. (In Review). Beyond chunking: A mixed-methods study on novice use of a checklist in the design of microlearning products.
- Rich, P., Bartholomew, S., Dinsmoor, K., Daniel, D., Nielsen, M., Reynolds, C., **Swanson, M.,** Winward, E., & Yauney, J. (2022). Trends in Tools to Teach Computational Thinking through Elementary Coding. *Journal of Research on Technology in Education*, 1-22.

Book Chapters

- Bal, I. A., Duha, M. S. U., Arslan, O., Collier, J., Marcelle, P., Dolowitz, A., Bernhardt, J., Swanson, M., & Dash, M. (2023). The theory of learning in micro. In B. Allman, H. Leary, & R. Kimmons (Eds.). Theories to influence the future of learning design and technology: Theory spotlight competition 2022. EdTech Books. https://doi.org/10.59668/534.11963
- Puterbaugh, B., Rogers, A., **Swanson, M**., Zeiner, K., Irvine, J., & Kimmons, R. (2021). Educational Psychology: A History of Research Trends from 1970 to 2020. In R. Kimmons & J. Irvine (Eds.), 50 Years of Education Research Trends. EdTech Books. https://edtechbooks.org/50_years/educational_psychology_counseling

Presentations, Proceedings and Workshops

Presentations

- **Swanson, M.** (2024, March 1). Presentation Title [Presentation]. Utah ID Summit 2024, Salt Lake City, UT, United States.
- Bal, I. A., Bernhardt, J. Swanson, M., & Arslan, O. (2023, June 25-28). Check 1, 2: The Development of a Microlearning Infographic Design Checklist [Poster presentation]. ISTELive 23, Philadelphia, PA, United States. https://conference.iste.org/2023/
- **Swanson, M.** & Rich, P. J. (2022, October 24-28). Teacher Educators in Elementary Education: The Inclusion of Computational Thinking through Coding. [Conference Session]. Association for Educational Communication and Technology Coherence, Las Vegas, NV, United States.
- Bernhardt, J., Arslan, O., **Swanson, M**. & Bal, I. (2022, October 24-28). Check It Off the List: The Development of a Microlearning Infographic Design Checklist. [Conference Roundtable]. Association for Educational Communication and Technology Coherence, Las Vegas, NV, United States.
- Rich, P., Bartholomew, S., Swanson, M., Dinsmoor, K., Winward, E., Reynolds, C., Yauney, J., Nielsen, M., & Daniel, D. (2021, November 2-6), Trends in Tools to Teach Computational Thinking through Elementary Coding. [Conference Session]. Association for Educational Communication and Technology Coherence, Chicago, IL, United States.

Proceedings

Bal, I. A., Duha, M. S. U., Arslan, O., Collier, J., Marcelle, P., Dolowitz, A., Bernhardt, J., **Swanson, M**., & Dash, M. (2023). The theory of learning in micro: Context & explanation.

Workshops

- Dolowitz, A., Marcelle, P., **Swanson, M.**, Bal, I. A., Arslan, O., Berhardt, B., Alvarado-Albertorio, F., Duha, M. & Dash, M. (2024, October 19-23). Everyone Can Design Microlearning. [Workshop]. Association for Educational Communication and Technology Conference, Kansas City, MO, United States.
- Houghton, K. & Swanson, M. (2024, March 28). The Online Learner Experience: Insights from a Student Panel. [Workshop]. Utah Tech University Center for Teaching and Learning, St. George, UT, United States.
- Houghton, K. & **Swanson, M.** (2023, November 10). Inclusive Strategies: Tips for Getting Started with UDL in an Online Class. [Workshop]. Utah Tech University Center for Teaching and Learning, St. George, UT, United States.
- Dolowitz, A., Marcelle, P., **Swanson, M.,** Arslan, O., Bernhardt, J., Coliier, J. R., Dash, M., Duha, M., & Bal, I. A. (2023, October 15-19). Everyone Can Design Microlearning. [Workshop]. Association for Educational Communication and Technology Conference, Orlando, FL, United States.

Teaching Experience

Graduate Teaching Assistant, Integrating K12 Educational Technology 1, Brigham Young University

August 2020 - June 2022

Taught (or in the case of 1 term and 1 semester, assisted in teaching) preservice teachers principles and tools necessary to use technology in the K12 classroom for 6 semesters/terms, including one semester where I taught two sections.

Related Work Experience

Learning Designer 1, Utah Tech University

November 2022 - Present

Worked with faculty to design online courses according to best practices in online education, served as a department liaison to several departments and

Intern, No More A Stranger

August 2021-April 2022

Worked with s subject matter expert in immigration law and other graduate students, joined by undergraduate students halfway through, to create measurable learning outcomes, aligned assessments, and content for volunteers in training for their organization.

Awards and Recognitions

- People's Choice Award, Theory Competition, Association for Educational Communications and Technology Research and Theory Division, 2022
- National Scholarship Winner, National Federation of the Blind, 2021
- State Scholarship Winner, National Federation of the Blind of Utah, 2021

Volunteer Experience

English Teacher, International Language Programs

February - June 2013

Taught English to children ages 3-8 in Bengbu, China.