

Okan Arslan, Ph.D.

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EDUCATION

Doctor of Philosophy, Educational Psychology & Leadership – Concentration in Educational Instructional Technology, Texas Tech University, Lubbock, TX, July 2024

Graduate Certificate, eLearning and Online Teaching, Texas Tech University, Lubbock, TX, December 2021

Graduate Certificate, Business Analytics, Texas Tech University, Lubbock, TX, December 2018

Master of Science, Computer Education and Instructional Technology, Middle East Technical University, Ankara, Turkey, September 2013

Bachelor of Science, Computer Education and Instructional Technology, Middle East Technical University, Ankara, Turkey, June 2010

RESEARCH INTERESTS

Instructional Design & Technology, Artificial Intelligence in Education and Research, Simulations in Healthcare Education, Learner Analytics, Educational Data Mining, Professional Development, Adult Learning, Technology Integration for Autism Spectrum Disorder (ASD)

PROFESSIONAL EXPERIENCE

Assistant Professor in Instructional Technology, Educational Technology and Foundations, University of West Georgia, Carrollton, GA, August 2024 – Present

- *Teach courses in Instructional Technology, focusing on modern pedagogical practices and the integration of emerging technologies.*
- *Design and develop new innovative courses that incorporate emerging technologies, tailored to enhance educational outcomes.*

- *Lead rigorous interdisciplinary research initiatives that explore the integration and impact of emerging technologies in educational settings, enhancing the practical application of instructional technology*
- *Actively contribute to the department, college, and broader academic community through committee participation, peer review, and collaboration on university-wide initiatives.*

Instructional Designer, Office of Education Technology – School of Nursing, Texas Tech University Health Sciences Center, Lubbock, TX & Remote, October 2020 – August 2024.

- *Designed and developed engaging learning activities and compelling course content that enhances retention and transfer with emerging technologies including simulations*
- *Conducted instructional research and analysis on learners and contexts*
- *Worked with subject matter experts and identified the target audience's training needs*
- *Stated instructional end goals and created content that aligns with identified goals*
- *Visualized instructional graphics, the user interface and the finished product*
- *Provided exercises and activities that enhance the learning process*

Instructional Designer, Interprofessional Education (IPE), Texas Tech University Health Sciences Center, Lubbock, TX, August 2020 – October 2020

- *Redesigned and developed online course contents, and modules for both Sakai and Canvas LMSs*
- *Revised and updated content for online courses*
- *Developed instructional materials to enhance online learning for the diversity of learning styles*
- *Provided IT solutions based on IPE's demands*

Program Graduate Assistant, Educational Instructional Technology, Texas Tech University, Lubbock, TX, September 2019 – August 2020

- *Designed and developed instructional materials for faculty*
- *Worked with a variety of faculty to conduct data analysis and provide IT support*
- *Assisted program coordinator with administrative work*
- *Coordinated graduate students' network and social activities*

Research Assistant, Educational Instructional Technology, Texas Tech University, Lubbock, TX, September 2017 – August 2019

- *Project assistant of a grant titled Technology for Parents of Children with Autism Spectrum Disorder in the South Plains*
- *Developed technology utilization framework for online learning for ASD individuals*
- *Conducted data crawling (social media and forums) and data analysis*
- *Coordinated project meetings with stakeholders*
- *Designed and developed a website for the project*

Teaching Assistant, IT Support Specialist, Computer Education and Instructional Technology (CEIT), Middle East Technical University (METU), Ankara, Turkey, September 2012 – August 2016

- *Assisted and co-taught with faculty*
- *Developed online instructional materials*

- *Provided IT support for computer labs, servers, LMS, and related technology inquiries*
- *Organized and coordinated all TAs for up to 30 sections per semester as Head TA (2014-2016)*

Process and Business Analyst, Innovation and Educational Technology Division, Ministry of National Education of Turkey, Ankara, Turkey, September 2012 – September 2013

- *Developed content for a Live Educational TV Stream*
- *Provided technical support for streaming*

Web and Academic Catalog Administrator, Research Assistant, Registrar's Office, Middle East Technical University, Ankara, Turkey, January 2011 – August 2012

- *Maintained and reviewed the website of the METU Registrar's Office*
- *Organized and edited the content of the academic course catalog*
- *Provided IT Support for Registrar's Office*
- *Advised international students in METU*

Undergraduate Student Assistant, Computer Education and Instructional Technology, Middle East Technical University, Ankara, Turkey, January 2009 – June 2010

- *Regulated and maintained computer labs in the CEIT department*
- *Assisted IT Support Office*

PUBLICATIONS

Journal Publications

Ziegler, L., Arrington, T. L., **Arslan, O.**, Hampton, J., & Lee, S. (2025 – in press). GenAI for P12 Educators: A Design Case. *Journal of Applied Instructional Design*.

Marcelle, P., **Arslan, O.**, Balogun, A., Dash, M. (2024). Shaping Minds with Images: A Bibliometric Exploration of Infographics as Tools for Visual Literacy in Education. *Journal of Visual Literacy*. <https://doi.org/10.1080/1051144X.2024.2349381>

Tang, H., **Arslan, O.**, Xing, W., & Kamali-Arslantas, T. (2023). Exploring collaborative problem solving in virtual laboratories: A perspective of socially shared metacognition. *Journal of Computing in Higher Education*, 35(2), 296-319. <https://doi.org/10.1007/s12528-022-09318-1>

Xing, W., Zhu, G., **Arslan, O.**, Shim, J., & Popov, V. (2023). Using learning analytics to explore the multifaceted engagement in collaborative learning. *Journal of Computing in Higher Education*, 35(3), 633-662. <https://doi.org/10.1007/s12528-022-09343-0>

Arslan, O., Inan, F. A., Moon, H., Ozdemir, Y. M., & Uzunosmanoglu, S. D. (2022). Educational technology trends for children with autism spectrum disorder. *Turkish Online Journal of Educational Technology-TOJET*, 21(1), 45-54. <http://www.tojet.net/articles/v21i1/2114.pdf>

Arslan, O., Kamali-Arslantas, T., Baran, E. (2022). Integrating technology into an engineering faculty teaching context. *European Journal of Engineering Education*, 47(3), 394-412. <https://doi.org/10.1080/03043797.2021.2011148>

Dundar, Y., Eldem, I., Schwartz, C., Pomeroy, L., Cordero, J., **Arslan, O.**, & Levent, F. (2022). Screening awareness of HPV-related oropharyngeal cancers and attitudes and concerns towards HPV vaccination among parents. *Journal of Cancer Education*, 37(4), 1152-1160. <https://doi.org/10.1007/s13187-020-01932-w>

Kamali Arslantas, T., Turkmen, G., **Arslan, O.**, & Uzunosmanoglu, S. D. (2022). Formation of an academic research and writing group. *Journal of Education*, 202(3), 287-295. <https://doi.org/10.1177/0022057420979>

Wetcho, S., Peacock, R., & **Arslan, O.** (2022). Supporting a T-shaped identity through professional associations: A graduate student perspective. *TechTrends*, 66, 391-393. <https://doi.org/10.1007/s11528-022-00721-0>

Arslan, O., Xing, W., Inan, F. A., & Du, H. (2021). Understanding topic duration in Twitter learning communities using data mining. *Journal of Computer Assisted Learning*, 38(2), 513-525. <https://doi.org/10.1111/jcal.12633>

Dousay, T. A., Wetcho, S., Muljana, P. S., **Arslan, O.**, Elliott, H. D., Peacock, R., & Carr-Chellman, A. A. (2021). Hybrid or virtual conferencing: That is the question. *TechTrends*, 65(4), 407-409. <https://doi.org/10.1007/s11528-021-00613-9>

Bal, I. A., **Arslan, O.**, Budhrani, K., Mao, Z., Novak, K., & Muljana, P. S. (2020). The balance of roles: graduate student perspectives during the COVID-19 pandemic. *TechTrends*, 64(6), 796-798. <https://doi.org/10.1007/s11528-020-00534-z>

Gezgin, D. M., Sumuer, E., **Arslan, O.**, & Yildirim, S. (2017). Nomophobia prevalence among pre-service teachers: A case of Trakya university. *Trakya University Faculty of Education Journal*, 7(1), 86-95. <https://dergipark.org.tr/en/download/article-file/270323>

Journal Publications in Progress

Arslan, O., & Inan, F. A. (Under review). Exploring the interplay between simulation design satisfaction, negative emotions, and emotion regulation: Implications for Nursing students' performance in high-fidelity simulation-based education. *Computers & Education*.

Arslan, O., & Davis, M. (Under review). Advancing simulation in nursing education: A comprehensive bibliometric assessment of research hotspots and emerging trends. *BMC Medical Education*.

Bal, I. A., **Arslan, O.**, Duha, M. S. U., Marcelle, P., Dolowitz, A., Bernhardt, J. B., Dash, M., Alvarado-Albertorio, F., Collier, J., Swanson, M., & Michela, E. (Under review). Beyond

chunking: A mixed-methods study on novice use of a checklist in the design of microlearning products. *Journal of Computer Assisted Learning*.

Bal, I. A., **Arslan, O.**, & Ud Duha, M. S. (Under Review). The development of a checklist for microlearning video design: A design-based research study. *Educational Technology & Society*.

Marcelle, P., **Arslan, O.**, Balogun, A., Dash, M. (In progress). A bibliometric mapping of infographics research from 1985 to 2022. *Journal of Computer-Mediated Communication*.

Hirumi, A., **Arslan, O.**, Moon, H., Kurzweil, D., Stewart, E. (In progress). Breaking new ground: AI's role in evidence-informed instructional design for healthcare education.

Moon, H., **Arslan, O.**, Hirumi, A., Asoodar, M., Jordan, B., & Daroowalla, F. (In progress). Behind the Scenes of Healthcare Education: Exploring the Intersection of Instructional Design and Healthcare Education.

Arslan, O., Fensie, A., Dousay, T. A. (In Progress). The role of a convention for the community of practice: A mixed method design using social network analysis.

Book Chapters

Hirumi, A., Asoodar, M., **Arslan, O.**, Jordan, B., Moon, H., & Daroowalla, F. (2024). What should IDs do to advance Health Professions Education? In R. A. Reiser, & A. Carr-Chellman. (Eds.), *Trends and Issues in Instructional Design and Technology (5th Edition)*. (pp. 346-363). Taylor and Francis.

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. In B. Allman, H. Leary, & R. Kimmons (Eds.), *Theories to Influence the Future of Learning Design and Technology*. EdTech Books. <https://dx.doi.org/10.59668/534.11963>

Conference Publications and Presentations

Arslan, O., & Inan, F.A. (2024). Interplay of Simulation Design, Negative Emotions and Emotion Regulation in Enhancing Nursing Education Outcomes. Association for Educational Communications and Technology Conference (AECT 2024). Kansas City, MO, USA.

Arslan, O., Jordan, B., Moon, H., Asoodar, M., Feroza Daroowalla, F., & Hirumi, H. (2024). Advancing Health Professions Education with Instructional Designer Competencies. Association for Educational Communications and Technology Conference (AECT 2024). Kansas City, MO, USA.

Arslan, O., Fensie, A., Bal, I. A., & Dousay, T. A. (2024). Was This Your Experience, Too? Perceptions of the AECT Convention. Association for Educational Communications and Technology Conference (AECT 2024). Kansas City, MO, USA.

Satre, M., Jordan, B., Segovia, L., & **Arslan, O.** (2024). Simulations in Health Professions Education. Association for Educational Communications and Technology Conference (AECT 2024). Kansas City, MO, USA.

Amankwatia, T., **Arslan, O.**, Berry, C., Berumenn, K., DuBoff, B., Kumsal, S. C., Liu, J. C., Moon, H., Olesova, L., Pflug, A., & Rieder, A. (2024). NATO ACT Design & Development Competition Friends Forum at AECT2024 – Panel Discussion. Association for Educational Communications and Technology Conference (AECT 2024). Kansas City, MO, USA.

Dolowitz, A., Marcelle, P., Swanson, M., Bal, I. A., **Arslan, O.**, Bernhardt, J., Alvarado-Albertorio, F., Ud Duha, M. S., & Dash, M. (2024). Everyone Can Design Microlearning! A Guide for Creating Informal Microlearning – Fee-based workshop. Association for Educational Communications and Technology Conference (AECT 2024). Kansas City, MO, USA.

Arslan, O., & Inan, F.A. (2024). Effects of Emotion Regulation, Simulation Design Satisfaction on Negative Emotions and Performance in Nursing Education. American Educational Research Association (AERA 2024). Philadelphia, PA, USA.

Arslan, O., & Inan, F.A. (2023). Exploring Emotion Regulation and High-Fidelity Simulation Design as Antecedents of Negative Emotions and Its Consequences in Nursing Education. Association for Educational Communications and Technology Conference (AECT 2023). Orlando, FL, USA.

Arslan, O., Marcelle, P., Balogun, A. O., Dash, M., & Melese, F. M. (2023). The Applications of Infographics: A Bibliometric Analysis. Association for Educational Communications and Technology Conference (AECT 2023). Orlando, FL, USA.

Arslan, O. (2022). e-Learning in healthcare education: A data mining approach for systematic review - bibliometrics. Association for Educational Communications and Technology Conference (AECT 2022). Las Vegas, NV, USA.

Fensie, A., **Arslan, O.** & Dousay, T. A. (2022). Facets of the family jewel: How the AECT Convention facilitates a community of practice. Association for Educational Communications and Technology Conference (AECT 2022). Las Vegas, NV, USA.

Bernhardt, J., **Arslan, O.**, Swanson, M., & Bal, I. A. (2022). Check it off the list: The development of a microlearning infographic design checklist. Association for Educational Communications and Technology Conference (AECT 2022). Las Vegas, NV, USA.

Inan, F. A., Zaier, A., **Arslan, O.**, Tornblad, M., Ozdemir, Y. M., Foster, E., Jones, K. & Sancibrian, S. (2022). Educational and social impact of computing devices for children with autism spectrum disorder (ASD). International Educational Technology Conference (IETC 2022). Nicosia, Turkish Republic of Northern Cyprus.

Dame, M., Inan, F. A., & **Arslan, O.** (2022). Factors affect satisfaction from institutional support for online teaching. American Educational Research Association (AERA 2022). San Diego, CA, USA.

Arslan, O., Digges Elliott, H., Muljana, P., Peacock, R., & Wetcho, S. (2021). Standing still or moving forward? an analysis of the 2020 AECT virtual international convention. Association for Educational Communications and Technology Conference (AECT 2021). Columbus, OH, USA.

Arslan, O., & Inan, F.A. (2021). Using data mining for systematic literature review: A bibliometrics study for detecting affect and cognition states of learners. Association for Educational Communications and Technology Conference (AECT 2021). Columbus, OH, USA.
Bal, I. A., Duha, S., Alvarado-Abertorio, F., **Arslan, O.**, Collier, J. et al. (2021). Testing 1, 2, 3: Creating a checklist for designing microlearning video resources through DBR. Association for Educational Communications and Technology Conference (AECT 2021). Columbus, OH, USA.

Ozdemir, Y. M., Inan, F.A., Kelly D.P., & **Arslan, O.** (2021). Computing summer camp framework for children with autism spectrum disorder. Association for Educational Communications and Technology Conference (AECT 2021). Columbus, OH, USA.

Arslan, O., Xing, W., & Inan, F.A. (2021). Effects of social media richness on topic duration in professional learning communities. American Educational Research Association (AERA 2021). Online.

Zaier, A., Inan, F.A., Tornbald, M., Jones, K., Ozdemir, Y.M., & **Arslan, O.** (2021). Parents of autism spectrum disorder children' attitude toward computing devices. American Educational Research Association (AERA 2021). Online.

Arslan, O., & Xing, W. (2020). Cluster investigation of socially shared metacognition in computer supported collaborative learning. Association for Educational Communications and Technology Conference (AECT 2020). Online.

Inan, F.A., Kelly D.P., Ozdemir, Y. M., Hamrick, J., **Arslan, O.**, & Okumru, M. (2020). Summer computer camp for students with autism spectrum disorder (ASD). Association for Educational Communications and Technology Conference (AECT 2020). Online.

Arslan, O., & Inan, F.A. (2020). Quantitative systematic review for technology use for ASD education: A bibliometrics study. Society for Information Technology & Teacher Education (SITE 2020). New Orleans, LA, USA. Online.

Arslan, O., Inan, F.A., & Cheon, J. (2020). Design and development of a web-based instruction for professional development in higher education. Society for Information Technology & Teacher Education (SITE 2020). New Orleans, LA, USA. Online.

Yilmaz, C. O., Arslantas, T. K., & **Arslan, O.** (2020). Relationship between working memory and technology use in children with moderate intellectual disability. Society for Information Technology & Teacher Education (SITE 2020). New Orleans, LA, USA. Online.

Inan, F.A., Kelly D.P., Hamrick, J., **Arslan, O.**, Arslan-Ari, I., & Zaier, A. (2019). Exploring training strategies on computing for students with disabilities. Association for Educational Communications and Technology Conference (AECT 2019). Las Vegas, NV, USA.

Arslan, O., Xing, W., & Inan, F. A. (2019). Twitter as a professional development tool in professional learning communities: A topic analysis. Association for Educational Communications and Technology Conference (AECT 2019). Las Vegas, NV, USA.

Arslan, O., & Inan, F.A. (2019). Twitter as a topic analysis tool for autism spectrum disorder: A text mining approach. Society for Information Technology & Teacher Education (SITE 2019). Las Vegas, NV, USA.

Arslan, O., Inan, F.A., Kamali, T., & Baran, E. (2018). A mentoring case in higher education: Technology integration for scientific computing course. Association for Educational Communications and Technology Conference (AECT 2018). Kansas City, MO, USA.

Inan, F.A., **Arslan, O.**, Sancibrian, S., Zaier, A., Jones, K., & Lock, R. (2018). Exploring the use of technology for parents of children with autism spectrum disorder. American Educational Research Association Conference (AERA 2018). New York, NY, USA.

Arslan, O., Xing, W., & Kamali, T. (2018). Exploring the patterns of socially shared metacognition in computer supported collaborative learning. American Educational Research Association Conference (AERA 2018). New York, NY, USA.

Arslan, O., Moon, H., Ozdemir, Y. M., Uzunosmanoglu, S. D., & Inan, F. A. (2017). The trend of technology use in autism education: A literature review. Association for Educational Communications and Technology Conference (AECT 2017). Jacksonville, FL, USA.

Yurum, O. R., & **Arslan, O.** (2017). A review on acceptance models for wearable technologies. 5th International Instructional Technologies & Teacher Education Symposium (ITTES 2017). Izmir, Turkey.

Sakalli, F. B., Kamali, T., **Arslan, O.**, & Gezgin, D. M. (2016). The investigation of advantages and disadvantages of using mobile technologies in education. 11th International Balkan Education and Science Congress. Porec, Croatia.

Turkmen, G., Kamali Arslantas, T., Uzunosmanoglu S. D., & **Arslan, O.** (2016). Formation of academic research and writing group: A design based research approach. 10th International Computer and Instructional Technologies Symposium (ICITS 2016). Rize, Turkey.

Arslan, O., & Kilis, S. (2015). Informatics teacher education in turkey. Poster Presented at The International Conference on Informatics in Schools: Situation, Evolution, and Perspective (ISSEP 2015). Ljubljana, Slovenia.

Arslan, O., & Yıldırım, S. (2014). Technology integration in higher education institutions: the case of Middle East Technical University. 8th International Computer and Instructional Technologies Symposium (ICITS 2014). Edirne, Turkey.

Akman, E., & **Arslan, O.** (2014). Current status in utilization of interactive boards in teacher training institutions. 8th International Computer and Instructional Technologies Symposium (ICITS 2014). Edirne, Turkey.

Kamalı, T., **Arslan, O.**, & Çağıltay, K. (2014). Investigating game player's flow experiences: the case of first time guitar hero players. World Conference on Educational Media and Technology (EdMedia 2014). Tampere, Finland.

Arslan, O., Gulbahar, Y., Rapp, C., & Deniz, K. Z. (2014). Development and implementation of Online Teaching Style Survey (OTSS). World Conference on Educational Media and Technology (EdMedia 2014). Tampere, Finland.

Arslan, O., Kilis, S., & Yıldırım, S. (2013). Determination of teachers' and students' usage index of e-content developed for F@TIH project and published on EBA based on subject areas. 7th International Computer and Instructional Technologies Symposium (ICITS 2013). Erzurum, Turkey.

Gulbahar, Y., İlkan, M., Kilis, S., & **Arslan, O.** (2013). Informatics education in Turkey: National ICT curriculum and teacher training at elementary level. 6th Conference on Informatics in Schools: Situation, Evolution and Perspectives (ISSEP 2013). Oldenburg, Germany.

TEACHING EXPERIENCES

Taught Graduate Level Courses

Instructor, Generative AI in P12 Settings – MEDT 7485 (Online), Educational Technology and Foundations, University of West Georgia, Spring 2025, Summer 2025

Instructor, Diffusion of Innovations – MEDT 8461 (Online), Educational Technology and Foundations, University of West Georgia, Fall 2024, Spring 2025, Summer 2025, Fall 2025

Instructor, Assessing Technology-Enhanced Instruction – MEDT 7476 (Online), Educational Technology and Foundations, University of West Georgia, Fall 2024, Spring 2025, Fall 2025

Co-Instructor, Online Distance Learning – EDIT 5390 (Online), Educational Instructional Technology, Texas Tech University, Spring 2019 (TA), Fall 2019, Summer 2020

Co-Instructor, Topical Inquiry Seminar – EDIT 6322 (F2F, Online After COVID-19), Educational Instructional Technology, Texas Tech University, Spring 2019 (TA), Spring 2020

Co-Instructor, Principles and Practice for Video Based Distance Learning – EDIT 5380 (Online), Educational Instructional Technology, Texas Tech University, Summer 2019

Co-Instructor, Planning and Developing Instructional Media – EDIT 5325 (Online), Educational Instructional Technology, Texas Tech University, Spring 2018 (TA), Fall 2018, Spring 2019

Teaching Assistant, Instructional Systems Evaluation – EDIT 5326 (Online), Educational Instructional Technology, Texas Tech University, Fall 2018

Teaching Assistant, Authoring Tools for Internet Instruction – EDIT 5342 (Online), Educational Instructional Technology, Texas Tech University, Summer 2018

Teaching Assistant, Research Seminar in Instructional Technology – CEIT 620 (F2F), Computer Education and Instructional Technology, Middle East Technical University, Fall 2015

Teaching Assistant, Leadership and Planning in Instructional Technology – CEIT 525 (F2F), Computer Education and Instructional Technology, Middle East Technical University, Spring 2015

Teaching Assistant, Practices in Learning Systems Design – CEIT 672 (F2F), Computer Education and Instructional Technology, Middle East Technical University, Spring 2014

Designed Graduate Level Courses

Generative AI in P12 Settings – MEDT 7485 (Online), Educational Technology and Foundations, University of West Georgia

Principles and Practice for Video Based Distance Learning – EDIT 5380 (Online), Educational Instructional Technology, Texas Tech University

Planning and Developing Instructional Media – EDIT 5325 (Online), Educational Instructional Technology, Texas Tech University

Foundations for Interprofessional Collaborative Practice– FOICP 5000 (Online), Texas Tech University Health Sciences Center

Undergraduate Level Courses

Instructor, Project Development and Management II – CEIT 436 (F2F), Computer Education and Instructional Technology, Middle East Technical University, Spring 2015 (TA), Spring 2016

Instructor Project Development and Management I – CEIT 435 (F2F), Computer Education and Instructional Technology, Middle East Technical University, Fall 2014 (TA), Fall 2015

Teaching Assistant, Instructional Technology and Material Development – CEIT 319 (Blended), Computer Education and Instructional Technology, Middle East Technical University, Spring 2015

Teaching Assistant, Database Management Systems – CEIT 390 (F2F), Computer Education and Instructional Technology, Middle East Technical University, Spring 2014

Teaching Assistant, Graphics and Animation in Education – CEIT 218 (F2F), Computer Education and Instructional Technology, Middle East Technical University, Fall 2013, Fall 2012

Teaching Assistant, Use of Operating Systems – CEIT 313 (F2F), Computer Education and Instructional Technology, Middle East Technical University, Spring 2013

RESEARCH GRANT PROJECT EXPERIENCES

Loyola University Maryland Grant, Micro-Credentials for Professional Learning, 2023. (\$32,500.00 – Funded)

- ***Evaluator and Data Analyst***
- *Collaborated in writing the methodology section of the grant*
- *Created data gathering, data structure, and data analysis plan*
- *Conducted various data analysis and wrote the results for the project report*

Texas Tech University Seed Grant for Interdisciplinary Research, Technology for Parents of Children with Autism Spectrum Disorder in the South Plains, 2017 – 2019. (\$130,000.00 – Funded)

- ***Research Assistant***
- *Developed technology utilization framework for online learning for ASD individuals*
- *Conducted data crawling (social media and forums) and data analysis*
- *Coordinated meetings and communication among partners*
- *Assisted progress report writing*

NSF, Parental Perceptions and Use of Technology for School Readiness and Transition of Children with Autism Spectrum Disorder, 2018, (\$393,773.00 – Not Funded)

- ***Research Assistant***
- *Literature review for proposal*
- *Coordinated communication among partners*
- *Assisted grant writing*

NSF, Reginal Planning Game Design for Identity Exploration and Change, 2017, (\$650,340.00 – Not Funded)

- ***Research Assistant***
- *Designed and developed the prototype game in Unity Game Engine*
- *Literature review for grant proposal*
- *Coordinated communication among partners*
- *Assisted grant writing*

Middle East Technical University Scientific Research Division, Design, Develop, and Evaluation of Digital Story Telling for Proper and Ethic use of Internet and Information Technologies, 2014 – 2015, (\$4,000.00 – Funded)

- ***Co-PI***
- *Co-Wrote the grant proposal*
- *Developed multimedia materials for storytelling – graphic, animation, and video*
- *Conducted data analysis*
- *Co-Wrote progress and final report*

Middle East Technical University Scientific Research Division, METU Faculty Technology Mentoring Project, 2014 – 2015 (\$12,500.00 – Funded)

- ***Researcher & Faculty Technology Mentor***
- *Mentorship: Mentored faculty to utilize technology in their curriculum by using the TPACK framework*
- *Facilitated instructional design and development phases for material and course design for mentees*
- *Conducted a case study utilizing technology in an industrial engineering course*

Middle East Technical University Scientific Research Division, Determination of Teachers' and Students' Usage Index of e-Content Developed for F@TIH Project and Published on EBA Based on Subject Areas, 2013 – 2014, (\$3,800.00 – Funded)

- ***Co-PI***
- *Co-Wrote the grant proposal*
- *Conducted data analysis*
- *Co-Wrote progress and final report*

ERA.NET Rus Project – Counsel of European Union, Social Media as Catalyser for Cross-National Learning (SOMECAT), 2012 – 2014, (€56,000.00 – Funded)

- ***Research Assistant***
- *Member of the Turkey team with three partners: Germany, Switzerland, Russia*
- *Developed the algorithm for the social media toolkit*
- *Conducted data analysis to report results*
- *Presented seminar about available social media and utilization in education*
- *Coordination of meetings and deliverables reports for the Turkey part*

TECHNICAL COMPETENCIES

Learning Management System and Tools

D2L, Canvas, Sakai, Blackboard, Moodle, BBCollaborate, Zoom

Statistical and Research Tools

R Studio, Python, SPSS, SAS, Quirkos, Tobii Studio Eye Tracker Software

Multimedia Software

Adobe Captivate, Camtasia Studio, Adobe Premier, Adobe Illustrator, Kaltura, Blender

Database

Microsoft SQL Server, MySQL

AWARDS & HONORS

- Researcher Travel Award, \$2,000.00, Texas Tech University Health Sciences Center, 2023
- AECT – Research and Theory Division Theory Spotlight Competition, Best Theory People’s Award, 2022
- AECT – Promising Early Career Senior Graduate Student Award, 2022
- Researcher Travel Award, \$2,500.00, Texas Tech University Health Sciences Center, 2022
- AECT – Design and Development Division & NATO Graduate Student Competition Finalist Award, 2021
- AECT – Distinguished Service Award, 2021
- Researcher Travel Award, \$2,250.00, Texas Tech University, 2021
- AECT – Lee W. Cochran Intern, Eddie Kinsinger Leadership Internship Program Award, 2020
- AT&T Chancellor's Scholarship, \$16,000.00, Texas Tech University, 2016 – 2020
- Education Designated Scholarship, \$2,432.00, College of Education, Texas Tech University, 2016 – 2020
- AECT – Graduate Students Association Research Showcase Award, 2019, 2020
- Researcher Travel Award, \$1,200.00, Texas Tech University, 2019
- Lisa G. Bliss Graduate Scholarship, \$650.00, College of Education, Texas Tech University, 2018
- Researcher Travel Award, \$1,800.00, Texas Tech University, 2018
- James D & Mary Hazlewood Fellowship, \$2,000.00, Texas Tech University, 2016 – 2017
- First place in the 16th Annual Graduate School Poster Competition – Education, Graduate School, Texas Tech University, 2017
- TUBITAK Graduate Scholarship, in Turkish Currency, equals to \$6,000.00, The Scientific and Technological Research Council of Turkey, 2012 – 2014

- Honor of Success Scholarship, in Turkish Currency equals to \$1,500.00, Middle East Technical University, 2009 – 2010
- High Honor Roll (2nd Rank of Graduation) B. Sc., Middle East Technical University, 2010

SERVICES

Service to Profession

University of West Georgia

- *Personnel Committee for College of Education (2024 – Present)*
- *Spatial Computing Research Initiative (2024 – Present)*

Association for Educational Communications and Technology (AECT)

- *Education in the Health Professions (EDHP) Special Interest Group Chair (2023 – Present), Research & Development Task Force Chair (2021 – Present), Communication Collaboration Task Force Interim Chair (2022 – 2023)*
- *Design and Development (D&D) and NATO Graduate Student Competition Committee Co-Chair (2024 – 2026)*
- *AECT Nominating Committee Member (2024)*
- *Project Advisor, Eddie Kinsinger Leadership Internship Program (2023 – 2025)*
- *Conference Proposal Reviewer (2018 – Present)*
- *Graduate Student Assembly Division (2018 – 2024)*
- *AECT Convention Planning Committee (2020 – 2021)*
- *Design & Development Division GSA Rep. (2020 – 2021)*

Texas Tech University (TTU)

- *Assisting research supervision to support doctoral and master's student alongside my advisor (2019 – 2021)*

Society for Information Technologies and Teacher Education (SITE)

- *Conference Proposal Reviewer*
- *Social Media Division, Instructional Technology Division (2019 – Present)*

American Educational Research Association (AERA)

- *Conference Proposal Reviewer*
- *Instructional Technology SIG, Learning and Instruction Division (2018 – Present)*

Journal of Computer Assisted Learning

- *Journal Article Reviewer (2023 – Present)*

Journal of Computing in Higher Education

- *Journal Article Reviewer (2022 – Present)*

International Journal of Human Computer Interaction

- *Journal Article Reviewer (2022 – Present)*

Journal of Special Education Technology

- *Journal Article Reviewer (2022 – Present)*

Interactive Learning Environments Journal

- *Journal Article Reviewer (2022 – Present)*

Journal of Educational Computing Research

- *Journal Article Reviewer (2021 – Present)*

International Journal of Cyber Behavior, Psychology and Learning (IJCBL)

- *Journal Article Reviewer (2021 – Present)*

Journal of Education

- *Journal Article Reviewer (2019 – Present)*

Book Chapter Reviewer

- *Romero-Hall, E. (Ed.). (2020). Research Methods in Learning Design and Technology. Routledge.*

Service to Community

Texas Tech University (TTU)

- *Volunteer mentor for newly accepted graduate students (2018 – 2020)*
- *Committee member of Graduate Assembly monthly meeting events (2018 – 2020)*
- *Volunteer Online course design and development service for faculty in the College of Education (2017 – 2019)*
- *Volunteer Turkish Culture and Language Teaching – International Student Association*

Professional Affiliations

AECT – Association for Educational Communications and Technology (2017 – Present)

SSH – Society for Simulation in Healthcare (2023 – Present)

SITE – Society for Information Technologies and Teacher Education (2019 – Present)

AERA – American Educational Research Association (2017 – Present)

LANGUAGES

English (Advance); Turkish (Native); Spanish (Elementary); Arabic (Spoken Language)