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Curriculum Vitae
T. Logan Arrington
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Department of Educational Foundations and Technology
College of Education
Education Annex #137
University of West Georgia
1601 Maple Street
Carrollton, GA 30118
tlarring@westga.edu

EDUCATION

PhD, Florida State University. Major: Instructional Systems and Learning Technologies. 2018.
   Dissertation: *Productive failure: Examining the impact of need for cognition and cognitive flexibility on conceptual learning in chemistry*.

MEd, University of West Georgia. Major: Secondary Education. Concentration: History. 2014.

BA, University of West Georgia. Major: History. Minor: Secondary Education. Honor's College Graduate. Summa cum Laude. 2012.

ACADEMIC ADMINISTRATION EXPERIENCE

2025 – Present	Assistant Dean of Technology and Innovation, University of West Georgia.
2025 – Present	Chair of Educational Technology and Foundations, University of West Georgia.
2023-2025	Interim Chair of Educational Technology and Foundations, University of West Georgia.
2022–2023	Interim Associate Chair of Educational Technology and Foundations, University of West Georgia.
2022–2023	Accelerated Bachelors to Masters (ABM) Faculty Fellow, University of West Georgia

ACADEMIC TEACHING EXPERIENCE

2023–Present	Associate Professor in Instructional Technology, University of West Georgia
2018–2023	Assistant Professor in Instructional Technology, University of West Georgia.
2020–2021	Adjunct Instructor, Florida State University

2018	Limited Term Instructor, University of West Georgia
2017	Adjunct Instructor, University of West Georgia
2015–2017	Teaching Assistant, Florida State University
2013	Guest Lecturer, University of West Georgia
2012	Student Teacher, Central High School, Carrollton, Georgia
2011–2012	Peer Tutor, Excel Center, University of West Georgia

Courses Taught
EME 6357:   Evaluation of Training in Human Performance Improvement
MEDT 7461: Instructional Design
MEDT 7464: Designing Technology Enhanced Instruction
MEDT 7466: Digital Photo for Instruction
MEDT 7468: Instructional Multimedia Design and Development
MEDT 7476: Assessment of Technology-Enhanced Learning
MEDT 7485: Systems Approach to Needs Assessment and Evaluation
MEDT 7490: Visual and Media Literacy for Teaching and Learning
MEDT 8463: Issues in Instructional Technology
MEDT 8465: Human Performance Improvement
XIDS 2002:   What do you know about: Failure?

Courses Designed
EME 6357:   Evaluation of Training in Human Performance Improvement
MEDT 7485: A Systems Approach to Needs Assessment and Evaluation
MEDT 8465: Human Performance Improvement
XIDS 2002:   What do you know about: Failure?

PEER REVIEWED PUBLICATIONS

Ziegler, L., **Arrington, T.L.**, Arslan, O., Hampton, J., & Lee, S. (2025). Designing a course to support P12 educators in using GenAI: A design case informed by ChatGPT. *The Journal of Applied Instructional Design, 14*(3) https://jaid.edtechbooks.org/jaid_14_3/zqjhpdvrsl

Grant, P. D., Jahanaray, A., & **Arrington, T. L**. (2025). Access is progress: Understanding Rural secondary student access and outcomes of Advanced Placement courses. *European Journal of Investigation in Health, Psychology and Education, 15*(7), 143. https://doi.org/10.3390/ejihpe15070143

Arrington, T. L., Steele, K. C., Moore, A. L., & Withrow, N. (2023). K12 practitioners' experiences implementing human performance improvement: Processes, products, and potentials. *TechTrends, 67*(1), 32–41. https://doi.org/10.1007/s11528-022-00774-1

Mize, K., **Arrington, T.L**., & Willox, L. (2022). Design thinking: Blazing a trail for social and emotional learning in the early grades. *Kappa Delta Pi Record, 58*(4), 172–177. https://doi.org/10.1080/00228958.2022.2110820

Arrington, T.L. & Willox, L. (2021). "I need to sit on my hands and put tape on my mouth": Improving teachers' design thinking knowledge, skills, and attitudes. *Journal of Formative Design in Learning, 5*(1), 27-38. https://doi.org/10.1007/s41686-021-00054-w

Tawfik, A.A., Gishbaugher, J.J., Gatewood, J., & **Arrington, T.L.** (2021). How K-12 teachers adapt problem-based learning. *Interdisciplinary Journal of Problem Based Learning, 15*(1). https://doi.org/10.14434/ijpbl.v15i1.29662

Arrington, T.L., Moore, A.L., & Bagdy, L.M (2021). K12 practitioners' perceptions of learning from failure, creativity, and systems thinking: A collective case study. *TechTrends, 65*, 636-645. https://doi.org/10.1007/s11528-021-00596-7

Xu, X., Emihovich, B., & **Arrington, T.L**. (2020). S.P.E.C.I.A.L -- A theoretical framework to support learning in virtual reality educational environment (VRE2). *International Journal of Smart Technology and Learning, 2*(3), 182-197. https://doi.org/10.1504/IJSMARTTL.2020.112149

Darabi, A., **Arrington, T.L**., & Sayilir, E. (2018). Learning from failure: A meta-analysis of the empirical studies. *Educational Technology Research & Development*, *66*(5). https://doi.org/10.1007/s11423-018-9579-9

Arrington, T.L. & Darabi, A. (2018). Indicators of exemplary programs in Instructional Design and Technology: Faculty and student perspectives. *Educational Technology, Research & Development*, *66*(1), 173-189. https://doi.org/10.1007/s11423-017-9561-y

Darabi, A., & **Arrington, T. L.** (2017). Designing instruction for critical thinking in a graduate course on evaluation of training. *International Journal of Teaching and Learning in Higher Education, 29*(3), 1–9. https://eric.ed.gov/?id=EJ1150794

Darabi, A., Pourafshar, S., Suryavanshi, R., & **Arrington, T.L.** (2016). Comparison of three instructional strategies in food and nutrition education: Developing a diet plan for a diabetic case. *International Journal of Science Education*. https://doi.org/10.1080/09500693.2016.1183835

Arrington, T.L., & Butler, J.D. (2014). *His Name Was Raoul Wallenberg: Courage, Rescue, and Mystery during World War II*: Notable trade book lesson plan. *Social Studies Research and Practice, 9*(1).

PEER REVIEWED BOOK CHAPTERS

Stefaniak, J. E., Exter, M. E., & **Arrington, T. L.** (2023). Using personas to leverage students' understanding of Human Performance Technology to support their instructional design

practice. *Formative Design in Learning*, 281–293. https://doi.org/10.1007/978-3-031-41950-8_22

Arrington, T.L., & Moore, A.L., Steele, K., & Klein, J.D. (2022). The value of Human Performance Improvement in Instructional Design and Technology. In J. Stefaniak & R.M. Reese (Eds.), *The Instructional Design trainer's guide.* Taylor & Francis. https://doi.org/10.4324/9781003109938-16

Arrington, T.L., & Tawfik, A.A. (2022). Designed failure in instructional design and technology. In J. Stefaniak & R.M. Reese (Eds.), *The Instructional Design trainer's guide.* Taylor & Francis. https://doi.org/10.4324/9781003109938-8

Arrington, T.L., & Willox, L. (2021). Design thinking implementation in rural Georgia: A tale of two cases. In K.L. Sanzo & J.P. Scribner, (Eds.), *Design thinking: Research, innovation & implementation.* IAP Publishing. https://www.infoagepub.com/products/Design-Thinking

Emihovich, B., **Arrington, T.L**., & Xu, X. (2019). Press play! How immersive environments support the development of problem-solving skills and productive failure. In D. Ifenthaler & Y. J. Kim, (Eds.), *Game-based assessment revisited*. Springer. https://doi.org/10.1007/978-3-030-15569-8_7

EDITORIAL PUBLICATIONS

Stefaniak, J. E., **Arrington, T. L**., & Moore, A. L. (2022). Systemic considerations to support distance education environments. *Distance Education*, *43*(2), 1-8. https://doi.org/10.1080/01587919.2022.2064830

Arrington, T. L. (2020). The 35th meeting of the Professors of Instructional Design and Technology: A special report. *TechTrends 64,* 344-347. https://doi.org/10.1007/s11528-020-00490-8

NON-REFEREED FEATURES

Panke, S. (2024, July 16). *Why design thinking matters in teacher education: An interview with **Logan Arrington***. *AACE Review*. Retrieved June 11, 2025, from https://aace.org/review/why-design-thinking-matters-in-teacher-education-an-interview-with-logan-arrington/

PRESENTATIONS

International/National

Ziegler, L., **Arrington, T.L.**, Arslan, O., Lee, S., & Hampton, J. (2025, March). GenAI for P12 educators: A design case. A full paper presented at the Society for Information Technology and Teacher Education Annual Conference, Orlando, FL.

Arrington, T.L., Moore, A.L., & Duncan, K. (2024, October). E*mpowering educators for school improvement: A focus on systems thinking and human performance improvement.* Paper presented at the Association for Educational Communications & Technology Annual Conference, Orlando, FL.

Phillips, J., Brody, C., & **Arrington, T.L.** (2024, October). *Identifying trends in AI: A survey perspective.* Paper presented at the Association for Educational Communications & Technology Annual Conference, Orlando, FL.

Schuch, D., **Arrington, T.L**., & Stover, S. (2023, October). *The twenty year history of the AECT Design and Development Competition*. Paper presented at the Association for Educational Communications & Technology Annual Conference, Orlando, FL.

Arrington, T.L., Stefaniak, J., Sockman, B.J., Moore, R., & Moore, S.L. (2023, October). *Systemic thinking to support distance education.* Panel presented at the Association for Educational Communications & Technology Annual Conference, Orlando, FL.

Phillips, J., **Arrington, T.L.**, & Moore, A.L. (2022, October). *Using an open educational tool to teach trends in IDT*. Workshop presented at the Association for Educational Communications & Technology Annual Conference, Las Vegas, NV.

Duncan, K., & **Arrington, T.L.** (2022, October). *Learning to design, facilitate, and improve transfer*. Paper presented at the Association for Educational Communications & Technology Annual Conference, Las Vegas, NV.

Bagdy, L.M., & **Arrington, T.L.** (2022, October). *What's required for new faculty in IDT? An analysis of job postings for the 2022-2023 academic year*. Roundtable presented at the Association for Educational Communications & Technology Annual Conference, Las Vegas, NV.

Grant, P.D., & **Arrington, T.L.** (2022, April). *A mixed-methods study of Advanced Placement courses in Georgia: Inequality for rural students*. Roundtable presented at the American Educational Research Association Annual Conference. San Diego, CA.

Arrington, T.L., Moore, A.L., & Bagdy, L.M. (2021, November). *K12 practitioners' perceptions of learning from failure, creativity, and systems thinking.* Paper presented at the Association for Educational Communications & Technology Annual Conference, Chicago, IL.

Bagdy, L.M., **Arrington, T.L.**, Bong, J., Moore, A.L., & Staudt Willet, K.B. (2021, November). *Qualifications and duties for IDT faculty: A job posting analysis and panel discussion.* Panel presented at the Association for Educational Communications & Technology Annual Conference, Chicago, IL.

Phillips, J. B., **Arrington, T.L.**, Moore, A.L., & Reiser, R.A. (2021, November). *What's trending? Exploring the Trends in IDT Database from multiple perspectives.* Poster presented at the Association for Educational Communications & Technology Annual Conference, Chicago, IL.

Emihovich, B.E., Xu, X., & **Arrington, T.L.** (2021, November). *An emerging conceptual framework to support learning in immersive environments.* Paper presented at Paper presented the Association for Educational Communications & Technology Annual Conference, Chicago, IL.

Arrington, T.L. & Willox, L. (2021, April). *A design case for professional development for K12 educators on design thinking.* Paper presented at the American Educational Research Association Annual Conference, Virtual.

Bang, S. & **Arrington, T.L.** (2021, April). *The importance of using the Trends in IDT Database.* Poster presented at NCUR 2021, Virtual.

Branyon, A.P., **Arrington, T.L.**, Grant, P.D., Willox, L., Cao, L., Lee, S., & Chen, Y. (2020, October). *A Research-Practice Partnership in rural Georgia: Assessing needs for 21st Century skill development*. Paper presented at the Association for Educational Communications & Technology Annual Conference, Virtual.

Arrington, T. L. & Moore, A. L. (2020, October). "*Bridging" the gap: Teaching Human Performance Improvement to K12 practitioners*. Paper presented at the Association for Educational Communications & Technology Annual Conference, Virtual.

Earnshaw, Y., **Arrington, T.L.**, Bywater, J.P., Gurjar, N., Liao, Y., Tomita, K., & Zhong, L. (2020, October). *Perspectives from the 2019 Early Career Symposium faculty participants*. Panel presented at the Association for Educational Communications & Technology Annual Conference, Virtual.

Tawfik, A.A., Gishbaugher, J., Gatewood, J., & **Arrington, T.L.** (2020, October). *How teachers adapt and iterate problem-based learning over time.* Paper presented at the Association for Educational Communications & Technology Annual Conference, Virtual.

Reiser, R.A., **Arrington, T. L.**, Moore, A. L., & Phillips, J.B. (2020, October). *#Trending: A resource for trends in IDT*. Paper presented at the Association for Educational Communications & Technology Annual Conference, Virtual.

Moore, A. L. **Arrington, T. L.**, Phillips, J.B., & Reiser, R.A., (2020, October). E*ffective strategies for teaching students about trends by using an open educational resource*. Paper presented at the Association for Educational Communications & Technology Annual Conference, Virtual.

Arrington, T. L., Moore, A. L., Fornara, F., Zhao, W., & Reiser, R.A., (2019, October). *The Trends in IDT Database: A means of enhancing your professional practice*. Paper presented at the Association for Educational Communications & Technology Annual Conference, Las Vegas, NV.

Arrington, T. L., Bagdy, L. M., & Klein, J.D. (2019, October). *Exploring the qualifications of new faculty in instructional design and technology*. Paper presented at the Association for Educational Communications & Technology Annual Conference, Las Vegas, NV.

Emihovich, B., **Arrington, T. L.**, & Xu, X. (2019, October). *How problem-solving skills and productive failure are supported in immersive environments*. Poster presented at the Association for Educational Communications & Technology Annual Conference, Las Vegas, NV.

Cheng, Z., Cheng, M., Wang, H., Tang, H., Wang, C., Stauffer, E., & **Arrington, T.L.** (2019, October). *What they didn't teach you in graduate school.* Panel presented at Association for Educational Communications & Technology Annual Conference, Las Vegas, NV.

Butler, J.D., Ponder, T., & **Arrington T.L**. (2019, October). *Teaching in the age of acceleration: Why what I thought was fun obviously isn't?*" Paper presented at the Georgia Council for the Social Studies Conference, Athens, GA.

Arrington, T.L., & Darabi, A. (2019, April). *Exploring potential moderators on problem-solving performance and conceptual learning in productive failure.* Poster presented at American Educational Research Association Annual Conference, Toronto, Ontario, Canada.

Arrington, T.L., Butler, J.D., & Ponder, T. (2019, March). *Curating online digital resources for the flipped classroom*. Panel presented at the Society for Information Technology and Teacher Education Annual Conference, Las Vegas, NV.

Butler, J.D., Ponder, T., **Arrington T.L**., & Gilles, B. (2019, February). F*inding your way to the 4Cs through technology*. Symposium presented at the Association of Teacher Educators Annual Conference, Atlanta, GA.

Arrington, T.L. & Darabi, A. (2018, October). *Exploring learner characteristics as potential moderators of conceptual learning in productive failure*. Roundtable presented at Association of Educational Communications and Technology International Conference, Kansas City, MO.

Reiser, R.A., Evans, J., Freifeld, L., Grajek, S., Zhao, W., Fornara, F., **Arrington, T.L.,** Moore, A. L., & Martindale, T. (2018, October). *Keeping current: Data sources and tools you can use to monitor innovations in our field.* Presidential session presented at Association of Educational Communications and Technology International Conference, Kansas City, MO.

Arrington, T.L. & Darabi, A. (2017, November). *When is "productive failure" most productive? A meta-analysis.* Paper presented at Association of Educational Communications and Technology International Conference, Jacksonville, FL.

Yao, Z., Aldemir, T. **Arrington, T.L.**, Bae, H., & Neumann, K.L. (2017, November). *Leadership in student organizations: Experiences and reflections from student leaders.* Panel discussion at Association of Educational Communications and Technology International Conference, Jacksonville, FL.

Arrington, T.L. & Darabi, A. (2017, April). *What makes an exemplary program in Instructional Design and Technology?* Poster presented at American Educational Research Association International Conference, San Antonio, TX.

Arrington, T.L. (2016, October). *Learning from failure in games and game-like environments: A literature review.* Paper presented at Association of Educational Communications and Technology International Conference, Las Vegas, NV.

Arrington, T.L. & Darabi, A. (2016, October). *A graduate evaluation course designed for critical thinking: Students' motivation and satisfaction*. Paper presented at Association of Educational Communications and Technology International Conference, Las Vegas, NV.

Arrington, T.L., & Butler, J.D. (2013, November). *Raoul Wallenberg*. Notable Trade Book Presentation. Paper presented at the National Council for the Social Studies annual conference, St. Louis, MO.

State/Local

Arrington, T.L. (2024, November*). *Systems thinking for P12 Educators.* Presentation at the Georgia Educational Technology Conference, Atlanta, GA.

Arrington, T.L. (2023, November*). *Designing for failure: Using student struggle to improve learning.* Presentation at the Georgia Educational Technology Conference, Atlanta, GA.

Arrington, T.L. & Willox, L. (2020, October). *Design thinking in action: A showcase of lessons*. Presentation at the IT Forum, Virtual.

Arrington, T.L., Moore, A. L., & Steele, K. (2020, October). Human performance improvement & K12 practitioners: A case study. Presentation at the 2020 Annual Meeting of the Georgia Educational Research Association, Virtual.

Grant, P.D., **Arrington, T.L**., Branyon, A., & Willox, L. (2020, October). *Leveraging university resources for rural STEM development: A research-practice partnership.* Presentation at the 2020 Annual Meeting of the Georgia Educational Research Association, Virtual.

Moore, A.L., & **Arrington, T.L.** (April 2020). *Bridging the gap: How Human Performance Improvement cultivates critical thinking skills for future professionals*. Paper accepted to present at the University System of Georgia's Teaching and Learning Conference, Athens, GA. [Note: This conference was canceled due to public health concerns related to COVID-19.]

Arrington, T. L., & Branyon, A.P. (2019, May). *Co-teaching: A cure for going crazy alone.* Paper presented at the Innovations in Pedagogy Conference, Carrollton, GA

Arrington, T. L., & Branyon, A.P. (2019, April). *Co-teaching in an online environment: Discovering best practices.* Roundtable presented at the University System of Georgia's Teaching and Learning Conference, Athens, GA.

Butler, J.D. & **Arrington, T.L.** (2018, October). *Teaching in a world without textbooks.* Paper presented at the Georgia Council for the Social Studies Conference, Athens, GA.

Arrington, T.L. & Darabi, A. (2017, April). *What makes an exemplary program in Instructional Design and Technology?* Poster presented at Conference on Research Excellence, Tallahassee, FL.

Darabi, A. & **Arrington, T.L**. (2016, February). *Designing instruction for critical thinking: A case of a graduate course on evaluation of training.* Paper presented at the Conference on Instructional Technologies, Innovations, and Educational Strategies, Valdosta, GA.

INVITED PRESENTATIONS AND WORKSHOPS

Arrington, T. L. (2024, June). *Instructional Design and Technology for all: How IDT creates the best educators.* Keynote presented at Cobb County Instructional Technology Conference, Marietta, GA.

Arrington, T.L. (2022, July). *Virtual and augmented reality in the classroom*. Invited professional development workshop delivered at Calhoun City Schools.

Arrington, T.L. (2022, April). *Reflecting on critical thinking strategies and planning for the future.* Invited professional development workshop delivered at Heard County High School.

Arrington, T.L. & Grant, P.D. (2022, March). *Reflecting on critical thinking strategies and planning for the future.* Invited professional development workshop delivered at Haralson County High School.

Arrington, T.L. (2022, March). *Review and regroup 2: Evaluating and improving curricular enhancements for critical thinking.* Invited professional development workshop delivered at Heard County Schools, Virtual.

Arrington, T.L. & Grant, P.D. (2022, February). *Review and regroup 2: Evaluating and improving curricular enhancements for critical thinking.* Invited professional development workshop delivered at Haralson County High School, Virtual.

Arrington, T.L. (2022, January). *Review and regroup: Peer review of curricular enhancements for critical thinking.* Invited professional development workshop delivered at Heard County High School.

Arrington, T.L. & Grant, P.D. (2022, January). *Review and regroup: Peer review of curricular enhancements for critical thinking.* Invited professional development workshop delivered at Haralson County High School.

Arrington, T.L. (2021, November). *Experimenting with strategies for critical thinking.* Invited professional development workshop delivered to Heard County Schools, Virtual.

Arrington, T.L. & Grant, P.D. (2021, November). *Experimenting with strategies for critical thinking.* Invited professional development workshop delivered at Haralson County High School, Virtual.

Arrington, T.L., Grant, P.D., & Gilles, B. (2021, October). *Strategies for restructuring problem solving to support critical thinking.* Invited professional development workshop delivered at Haralson County High School.

Arrington, T.L. & Branyon, A.B. (2021, September). *Strategies for restructuring problem solving to support critical thinking.* Invited professional development workshop delivered at Centralhatchee Elementary School.

Arrington, T.L. & Grant, P.D. (2021, September). *Integrating critical thinking in your classroom.* Invited professional development workshop delivered at Haralson County High School.

Arrington, T.L. & Branyon, A.B. (2021, September). *Integrating critical thinking in your media center.* Invited professional development workshop delivered at Ephesus Elementary School.

Arrington, T.L. (2021, February). *Selecting instructional media: Considerations, examples, and resources.* Invited presentation at Clemson University's Center for Workforce Development, Virtual.

Grant, P.D., & **Arrington, T.L.** (2020, May). *Using innovative discussion methods to promote student engagement in online courses.* Invited presentation at the Innovations in Pedagogy Conference, Virtual.

Arrington, T.L. (2019, November). *Instrument reliability and validity: You mean I have to do two things?* An invited presentation in the Educational Doctorate in School Improvement (EDSI) Research and Dissertation Development Series at the University of West Georgia, Virtual.

Arrington, T.L. (2019, November). *Reporting quantitative data findings: Efficient and effective communication.* An invited presentation in the EDSI Research and Dissertation Development Series at the University of West Georgia, Virtual.

GRANT WORK

Funded
Arrington, T.L., Arslan, O., Brooks, C., Lane, B., & Ofeo, L**.** (2025). *Spatial Computing in the College of Education.* A Student Research Assistant Program (SRAP) Grant funded by the University of West Georgia.
($1,100)

Arrington, T.L., Grant, P.D., Lee, S., Lane, B., & Green, K.B. (2023). P*roviding innovative learning opportunities to rural learners in the west Georgia region.* A grant funded by the Community Foundation of West Georgia.
($9,900)

Arrington, T.L. & Grant, P.D. (2022). *Supporting the Southeastern Innovative Teaching Summit.* A Community Grant funded by Walmart.
($1,500)

Arrington, T.L. & Grant, P.D. (2022). *How K12 Teachers Conceptualize and Integrate Critical Thinking in Rural Schools.* A Student Research Assistant Program (SRAP) Grant funded by the University of West Georgia.
($1,204)

Willox, L., **Arrington, T.L.,** Brandenberg, G., Branyon, A.P., & Lane, B. (2021). *Bringing Innovative Activities to our Rural Students*. A grant funded by the Community Foundation of West Georgia.
($6,255)

Arrington, T.L. (2021). *Trends in Instructional Design and Technology Database: Continued Improvement and Exploration.* An SRAP Grant funded by the University of West Georgia.
($1,294)

Arrington, T.L. (2021). *Continuous Improvement of the Trends in Instructional Design and Technology Database.* An SRAP Grant funded by the University of West Georgia.
($960)

Arrington, T.L. (2020). *Evaluating and Improving an OER on Tracking Trends in Instructional Design and Technology.* An SRAP Grant funded by the University of West Georgia.
($1,925)

Willox, L. & **Arrington, T.L.** (2020). *21st Century Skill Development Support* (2020)*.* An SRAP Grant funded by the University of West Georgia.
($1,945)

Arrington, T.L. (2020). *Tracking Trends in Instructional Design and Technology: Revisiting this OER*. An SRAP Grant funded by the University of West Georgia.
($960)

Willox, L. & **Arrington, T.L.** (2019). *University of West Georgia Mobile Innovation's Lab*. A grant funded by the May P. and Francis L. Abreu Charitable Trust.
($50,000)

Willox, L., **Arrington, T.L.,** Brandenberg, G., Branyon, A.P., & Lane, B. (2019). *Creating a Seamless Summer: Bringing Innovative Activities to Haralson County*. A grant funded by the Alice Huffard Richards Fund.
($6,901)

Willox, L. & **Arrington, T.L.** (2019). *Implementing Design Thinking in the K-5 Classroom* . An SRAP Grant funded by the University of West Georgia.
($1,570)

Arrington, T.L. (2019). *Tracking Trends in Instructional Design and Technology* (2019). An SRAP Grant funded by the University of West Georgia.
($1,570)

Arrington, T.L. & Willox, L. (2019). *Integrating Design Thinking into K-5: Student and Teacher Experiences*. An SRAP Grant funded by the University of West Georgia.
($1,386)

Willox, L. & **Arrington, T.L.** (2018). S*TEMDesign: Design Thinking for Elementary Teachers and Students* (2018). A Community Partnership Grant funded by the Georgia Office of Student Achievement.
($71,121)

Unfunded
Green, K.B., Chen, Y., & **Arrington, T.L**. (2022). *Early Childhood Makerspace Curriculum Kits for the Community.* A grant submitted to the Community Foundation of West Georgia.
($6,000)

Willox, L. **& Arrington, T.L**. (2022). *Enhancing Rural Communities' Access to 21st Century STEM Programming in Informal Learning Environments*. An innovation in development grant submitted to National Science Foundation Advancing Informal Science Learning.
($1,226,699)

Grant, P.D., Chen, Y., Cao, L., **Arrington, T.L.,** Willox, L., Lee, S., Wild, K., Rutherford, M., & Brooks, M. (2021). *Building Capacity for 21st Century Skills through a Research-Practice Partnership in Rural Georgia.* A Research Practice Partnership Grant submitted to the Spencer Foundation.
($397,958)

Grant, P.D., Cao, L., **Arrington, T.L.,** Goodman, J., Branyon, A., & Willox, L. (2020b). *Building Capacity for 21st Century Skills through a Research-Practice Partnership in Rural Georgia*. A Research Practice Partnership Grant submitted to the Spencer Foundation.
($393,130)

Arrington, T.L. Cao, L., Grant, P.D., Gilles, B., & Branyon, A. (2020). *Using Failure to Advance Instruction and Learning in Middle School STEM.* An exploratory teaching grant submitted to National Science Foundation Discovery Research K-12.
($445,696)

Grant, P.D., Cao, L., **Arrington, T.L.,** Goodman, J., Branyon, A., & Willox, L. (2020a). *Building Capacity for 21st Century Skills through a Research-Practice Partnership in Rural Georgia*. A Research Practice Partnership Grant submitted to the Spencer Foundation.
($399,231)

Grant, P.D., Cao, L., **Arrington, T.L.,** Goodman, J., Branyon, A., & Willox, L. (2019). *Building Capacity for 21st Century Skills through a Research-Practice Partnership in Rural Georgia*. A Research Practice Partnership Grant submitted to the Spencer Foundation.
($399,231)

Lane, B., **Arrington, T.L.,** Branyon, A.P., Cao, L., Dobbs, L., Grant, P.D. (2019). *Creating an Active Learning Center in the College of Education's Innovations Lab*. An Active Learning Center Grant submitted to Steelcase.
($67,000)

Branyon, A.P., **Arrington, T.L**., Grant, P.D., & Willox, L. (2019). *Creating a Collaborative Community for Secondary Science Teachers in Rural Alabama and Georgia* (2019). A grant submitted to the Braitmayer Foundation.
($34,942)

Willox, L., **Arrington, T.L.,** Brandenberg, G., Branyon, A.P., Lane, B., & Mosier, B. (2018). *Creating a Seamless Summer: Bringing Innovative Activities to Our Rural Communities.* A grant submitted to the Community Foundation of West Georgia.
($24,985)

Willox, L., **Arrington, T.L.,** Branyon, A.P., Cao, L. & Lane, B. *Full STEAM Ahead: Creating Makerspaces in Rural West Georgia* (2018). A grant submitted to the Honda Foundation.
($68,229)

DOCTORAL STUDENT SUPERVISION

Chair
Duncan, K. (2023). Learning Transfer in Algebra. [Doctoral dissertation, University of West Georgia].

McLaughlin, S. (2023). Addressing student engagement with virtual reality in the high school classroom. [Doctoral dissertation, University of West Georgia].

Committee Member
Fletcher, M. (2020). Title I teacher workload and self-efficacy: A matter of equity for low socioeconomic status students. [Doctoral dissertation, University of West Georgia]. ProQuest Dissertations and Theses. https://search.proquest.com/dissertations-theses/title-i-teacher-workload-self-efficacy-matter/docview/2448455764/se-2?accountid=15017

Carrillo, E. (2019). Digital game-based learning: An analysis of teacher preparation. [Doctoral dissertation, University of West Georgia]. ProQuest Dissertations and Theses. https://search.proquest.com/dissertations-theses/digital-game-based-learning-analysis-teacher/docview/2234237055/se-2?accountid=15017

OTHER ACADEMIC EXPERIENCE

2017–2018	Graduate Research Assistant, College of Education Office of Research, Florida State University
2014–2017	Graduate Research Assistant, Center for Performance and Learning Systems, STRIDE Project, Florida State University
2015	Reporting and Evaluation Consultant, UTeach West Georgia, University of West Georgia
2014	Laboratory Assistant, Tech Sandbox, Florida State University
2014	Program Design Consultant, Department of Leadership and Secondary Education, University of West Georgia
2013–2014	Graduate Assistant, UTeach West Georgia, University of West Georgia

PROFESSIONAL SERVICE

AECT Research and Theory Division President, 2024 - Current
AECT Nominating Committee, 2024
AECT Research and Theory Division President Elect, 2023 - 2024
AERA Design and Technology SIG Chair, 2023-2024
AERA Design and Technology SIG Program Chair, 2022-2023
National Science Foundation Discovery Research PK-12 Panel Reviewer, 2022
AECT Design and Development Competition Committee Co-Chair, 2022
Editorial Board Member for *Journal of Formative Design in Learning,* 2022 - Current
Special Issue Guest Editor, *Distance Education*, 2021-2022
AERA Design and Technology SIG Secretary/Treasurer, 2021
Georgia PSC Digital Learning Task Force UWG Representative, 2020
Georgia PSC Instructional Technology Task Force UWG Representative, 2020
AECT Leadership Development Committee Member, 2020 - 2023
GAIT Board Member at Large, 2020 - 2023
AERA Design and Technology SIG Communications Officer – 2019 - 2021
Emerging Scholar for *Journal of Formative Design in Learning*, 2019 - 2022
GAIT Volunteer, 2019
Reviewer for *TechTrends*, 2019-Current
Reviewer for *Journal of Research on Technology in Education*, 2018 - Current
Reviewer for *Educational Technology Research and Development*, 2018 - Current
AECT Design and Development Competition Committee Member, 2018 - 2023
AECT Design and Development Competition Volunteer, 2018
AECT Design and Development Board Associate, 2016 - 2017

UNIVERSITY SERVICE

University of West Georgia
College of Education Spatial Computing Group, Chair, 2024 - Current
College of Education New Faculty Program, Designer, 2024
College of Education Georgia's BEST Committee, Member, 2023 - Current
Undergraduate Research Committee, Member, 2023 - Current
Honors College Advisory Committee, Member, 2023 - Current
College of Education Course Design Work Group, Admin Representative, 2023 - Current

College of Education Seed Grant, Proposal Reviewer, 2022
COE Mobile Innovations Lab, Project Coordinator, 2021 - Current
College of Education Faculty Governance, Co-Chair, 2020-2021
College of Education Faculty Governance, ETF Representative, 2019-2022
EDSI Advisory Board, Concentration Rep., 2019-2020
EDSI Dissertation of the Year, Reviewer, 2019, 2022
Department Leadership Team, Non-Tenured Representative, 2018-2019
COE Mobile Innovations Lab, Team Member, 2018-2021
Facilities and Information Technology Committee, COE Representative 2018-2020

Florida State University
ISLT Alumni Advisory Council Member, 2022 - 2023
ASKe 2019, Conference Planner, 2019
GPC ISLT QER Subcommittee, Student Member, 2017
ASKe 2017, Conference Planner, 2017
Instructional Systems Student Association, President, 2017
ISLT Alumni Advisory Council, Student Member, 2016-2017
Instructional Systems Student Association, Board Member, 2016, 2018
ISLT Alumni Conference, Volunteer, 2015-2017
College of Education Teaching Award Committee, Graduate Student Representative, 2015

COMMUNITY SERVICE

Carroll County Technology Fair, Vendor Support, 2023 - Current
West Georgia Regional Science and Engineering Fair, Judge 2022
Mobile Innovations Lab Advisory Board, Chair, 2022 - Current
West Georgia Regional Science and Engineering Fair, SRC Member, 2019 - Current
Mobile Innovations Lab Advisory Board, Member, 2018 - Current

HONORS, AWARDS, AND SCHOLARSHIPS

AECT Charles Reigeluth Emerging Researcher Award, 2023
AECT Distinguished Service Award, 2021
Journal of Research on Technology in Education Reviewer of the Year, 2021
UWG College of Education's Outstanding Online Teaching Award, 2021
Best of the West Winner, Values, University of West Georgia, 2019
Thriving Under Thirty Recipient, University of West Georgia, 2019
Early Career Symposium Young Scholar Mentee, AECT, 2019
Gagne-Briggs Outstanding Student Service Award, Florida State University, 2017
Gagne-Briggs Outstanding Doctoral Student Award, Florida State University, 2016
Ruby Diamond Future Professor Award, Florida State University, 2016
PacifiCorp Design and Development Competition Winner, 2015
Gagne-Briggs Endowed Scholarship, Florida State University, 2014

CERTIFICATIONS

Measurement and Statistics, Florida State University, 2016
Human Performance Technology, Florida State University, 2016
Program for Institutional Excellence Teaching Training, 2015

PROFESSIONAL MEMBERSHIPS

Society for Information Technology and Teacher Education, 2019
Association of Teacher Educators, 2019
Georgia Association of Instructional Technology, 2019 – 2024
Georgia Council of Social Studies, 2018 – 2020
American Educational Research Association, 2016–Present
Association for Educational Communications and Technology, 2015–Present