**RESEARCH INTERESTS**

* Artificial IntelIigence applications in K-20 education
* Strategies and tools for students with learning disabilities, ADHD, and autism
* Socioemotional learning, well-being, and communication
* Learning and motivation in immersive environments
* Human relationships with technology
* Higher education collaborations with community

**EDUCATION**

**PhD in Learning Technologies (Major) and Behavioral Science (Minor)**

University of North Texas, Denton, TX

Dissertation: *The impact of an inquiry-based learning curriculum upon digital awareness and well-being among adolescents with learning and attentional disabilities*

Committee:

Dr. Lin Lin (chair), Dr. Thomas Parsons (co-chair), Dr. Mike Spector, Dr. Tandra Tyler-Wood

**M.Ed. in Mind, Brain and Education**

University of Texas at Arlington, Arlington, TX

**Special Education Certification**

Texas Education Agency, Austin, TX

**B.S. in Education (Major) and Music (Minor)**

Baylor University, Waco, TX

**RESEARCH**

EDITED BOOKS

**Cockerham, D.,** Kaplan-Rakowski, R., Foshay, W., and Spector, M. (2023). (Eds.) *Reimagining*

*education: Studies and stories for effective learning practices in an evolving digital society.* New York: Springer.

Parsons, T. D., Lin, L., & **Cockerham, D.,** ed. (2019). *Mind, brain and technology.* Cham, Switzerland:

Springer.

PEER-REVIEWED ARTICLES

**Cockerham, D.** (2023). Participatory action research: Building understanding, dialogue, and positive

actions in a changing digital environment. *Educational Technology Research and Development*, 1-29. <https://doi.org/10.1007/s11423-023-10294-1>

**Cockerham, D.,** Lin-Lipsmeyer, L., and Tyler-Wood, T. (In press). An Inquiry-Based Approach to

Understanding Well-Being and Smartphone Usage: Constructing Research with Adolescent

Students. *Mind, Brain and Education Journal.*

Kaplan-Rakowski, R., **Cockerham, D.,** & Ferdig, R. (In press). The impacts of ambisonic sound and

immersion on learning in high-immersion and low-immersion virtual reality. *British Journal of Educational Technology.* [http://doi.org/10.1111/bjet.13417](https://nam04.safelinks.protection.outlook.com/?url=http%3A%2F%2Fdoi.org%2F10.1111%2Fbjet.13417&data=05%7C02%7CDeborah.Cockerham%40unt.edu%7Cb07db658da184c5760df08dbfe453e84%7C70de199207c6480fa318a1afcba03983%7C0%7C0%7C638383345587588439%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=tOiHauiUd4VODx9ByGQrQSZ22tRb6a6mh2uxOzb33OU%3D&reserved=0)

**Cockerham, D**., Dickson-Dean, C., Marcelle, P., Ragula, M., Janakiraman, S., & Stidham, S.F.

(Submitted). Multi-staged mentoring circles: A collaborative autoethnography of an online

community of practice.

Hayes, A., Bradshaw-Ward, D., Howard, E., McAdams, M., & **Cockerham, D**. (2023, March). Engaging

Novice VR Users to VR for Education: Enhancing User Comfort, Health and Safety in VR and AR. In 2023 IEEE Conference on Virtual Reality and 3D User Interfaces Abstracts and Workshops (VRW) (pp. 530-531). IEEE. <https://doi.org/10.1109/VRW58643.2023.00116>

**Cockerham, D.**, Lin, L., Ndolo, S., and Schwartz, M. (2021). Voices of the students: Adolescent well- being and social interactions during the emergent shift to online learning environments. *Education and Information Technologies.* <https://doi.org/10.1007/s10639-021-10601-4>.

**Cockerham, D.** (2021). Neuroscience applications in educational technology. In M.A. Peters and R. Heraud (Eds.), Encyclopedia of educational innovation. Springer, Singapore. https://doi.org/10.1007/978-981-13-2262-4\_253-1

Shen, Q., Wang, L.Y., **Cockerham, D.,** & Lin, L. (2019, October). Media multitasking, attention, and news evaluation: A study based on undergraduates’ news reading. Educational Innovation through Technology (EITT). *The 8th International Conference of Educational Innovation through*

*Technology* (pp. 184-189). IEEE.

Tyler-Wood, T. L., **Cockerham, D.,** & Johnson, K. R. (2018). Implementing new technologies in a middle school curriculum: a rural perspective. *Smart Learning Environments,* 5(1), 22.

Tyler-Wood, T., Johnson, K.R., and **Cockerham, D.** (2018). Factors influencing STEM career choices: Gender differences. *Journal of Research in STEM Education,* 4(2), 179-192.

Parker C., **Cockerham, D.,** and Foss, A. (2018). Communicating climate change: lessons learned from a researcher-museum collaboration. *Journal of Microbiology and Biology Education.* doi:10.1128/jmbe.v19i1.1499.

Gu, X., Zhang, T., Lin, L., & **Cockerham, D.** (2017). Gender and race differences among children's anthropometrics and mental health. In *Research Quarterly for Exercise and Sports,* (Vol. 88, pp. A85-A85).

**Cockerham, D.,** and Malaia, E. (2017). Neuroscience-based approaches to teaching students on the autism spectrum. *Zeitschrift für Psychologie*, 224(4), 290-293.

Malaia, E., **Cockerham, D.,** & Rublein, K. (2017). Visual integration of fear and anger emotional cues by children on the autism spectrum and neurotypical peers: An EEG study. *Neuropsychologia*.

dx.doi.org/10.1016/j.neuropsychologia.2017.06.014

**Cockerham, D.,** Chang, Z., Schellen, M., and Lin, L. (2016, July). Cognitive task performance in technology-enhanced learning environments. *Advanced Learning Technologies (ICALT), 2016 IEEE 16th International Conference on Learning*, (pp. 360-362). IEEE.

Lin, L., **Cockerham, D.,** Chang, Z., and Natividad, G. (2015). Task speed and accuracy decrease when multitasking. *Technology, Knowledge and Learning*, 21(3), 307-323.

PEER-REVIEWED BOOK CHAPTERS

**Cockerham, D.** (2023). Reimagining higher education pedagogy: Building an active understanding of

the research process. In Cockerham, D.,Kaplan-Rakowski, R., Foshay, W., and Spector, M.

(Eds.) *Reimagining education: Studies and stories for effective learning practices in an*

*evolving digital society.* New York: Springer.

**Cockerham, D.** (2023). Introduction. In Cockerham, D.,Kaplan-Rakowski, R., Foshay, W., and

Spector, M. (Eds.) *Reimagining education: Studies and stories for effective learning practices in*

*an evolving digital society.* New York: Springer.

**Cockerham, D.** & Tyler-Wood, T. (2023). Impacts and interventions for central auditory processing Disorders:

A case study. In Sofologi, M., and Kougioumtzis, R. (Eds.) *Perspectives of cognitive, psychosocial, and learning difficulties from childhood to adulthood.* (pp.37-54).IGI Global.

Ndolo, S., & **Cockerham, D**. (2023). Online instructional experiences of kindergarten teachers and

parents during the pandemic: Hope for the future. In Cockerham, D.,Kaplan-Rakowski, R.,

Foshay, W., and Spector, M. (Eds.) *Reimagining education: Studies and stories for effective learning practices in an evolving digital society.* New York: Springer.

Kaiser, S., Strawn, S., & **Cockerham, D.** (2023). Teacher self-assessment of technology proficiency

and adoption during the COVID-19 crisis. In Cockerham, D.,Kaplan-Rakowski, R.,

Foshay, W., and Spector, M. (Eds.) *Reimagining education: Studies and stories for effective learning practices in an evolving digital society.* New York: Springer.

Ndolo, S., **Cockerham, D.,** and Eisenmann, A. (2023). Developing critical thinking skills through a

problem-based learning approach. In B. Holanson, M. Exter, M. Schmidit, & A. Tawfik (Eds.), *Toward inclusive learning design: Social justice, equity, and community*. New York: Springer.

Tyler-Wood, T., & **Cockerham, D.** (2021). Maximizing student achievement through the collection and

visualization of assessment data. In M. Sahin and D. Ifenthaler (Eds.), *Visualizations and dashboards for learning analytics: Advances in analytics for learning and teaching*. Springer, Cham. <https://doi.org/10.1007/978-3-030-81222-5_25>

Ndolo, S., and **Cockerham. D.** (In press). Minority leadership in higher education institutions in the United States. In B. Holanson, M. Exter, M. Schmidit, & A. Tawfik, A (Eds). *Toward inclusive learning design: Social justice, equity, and community.* New York: Springer.

Ndolo, S., **Cockerham, D.,** and Eisenmann, A. (2023). Developing critical thinking skills through a

problem-based learning approach. In B. Holanson, M. Exter, M. Schmidit, & A. Tawfik (Eds.), *Toward inclusive learning design: Social justice, equity, and community*. New York: Springer.

**Cockerham, D.,** Lin, L., Chang, Z., & Schellen, M. (2019). Cross-sectional studies investigating the impacts of background sounds on cognitive task performance. In Parsons, T., Lin, L., and Cockerham, D. (Eds.), *Mind, Brain and Technology* (pp. 177-194). Cham, Switzerland: Springer.

Lin, L., Parsons, T. D., & **Cockerham, D.** (2019). Rethinking learning in the rapid developments of neuroscience, learning technologies, and learning sciences. In *Mind, Brain and Technology* (pp. 3-16). Cham, Switzerland: Springer.

**Cockerham, D.,** & Lin, L. (2018). The impact of technology upon family co-play roles. In Deng, L.,

Ma, W.W.K., and Fong, C.W.R. (Eds.), *New media for educational change* (pp. 91-98). Singapore: Springer.

PEER-REVIEWED PUBLICATIONS UNDER REVIEW

**Cockerham, D.** Participatory action research: Building understanding, dialogue, and positive actions in a changing digital environment. (Revised and resubmitted).

**Cockerham, D.,** Dickson-Deane, C., & Marcelle, P. Mentoring circles: A collaborative autoethnography of an international community of practice. (Submitted).

WORKS IN PROGRESS

**Cockerham, D.,** An, Y., Jiang, M., Ye, Yongluan, Iqbal, R., Islam, R., & Radwan, R. Impacts of gamified learning upon senior citizens’ technology skills.

**Cockerham, D**., & Tyler-Wood, T. Disrupting the digital divide: Empowering teen girls to leadership and STEM careers.

**Cockerham, D**., Johnson, V., Hayes, A.,Tran, B., & Howard, E. Effects of virtual reality fitness applications.

Johnson, K., & **Cockerham, D.** Experiences of employees with autism spectrum disorder in leadership positions.

**CONFERENCES**

PEER-REVIEWED PRESENTATIONS

**Cockerham, D.**, Dickson-Dean, C.., & Marcelle, P. (2022, October 21-24). *Mentoring Circles: A*

*collaborative autoethnography of an international community of practice* [Paper presentation].

Association for Educational Communications and Technology

Conference. Virtual and Las Vegas, NV.

Kaplan-Rakowski, R., **Cockerham, D.**, & Ferdig, R. (2022, October 21-24). *The impact of ambisonic*

*sound and immersive experience on learners using high-immersion virtual reality vs. tablet*

[Paper presentation]. Association for Educational Communications and

Technology Conference. Virtual and Las Vegas, NV.

**Cockerham, D.,** Ndolo, S., & Eisenmann, A. (2022, April 21-24). *No hugs online! Perspectives of kindergarten teachers and parents on social interaction during online learning* [Paper

presentation]. American Educational Research Association. San Diego, CA, United States.

Tyler-Wood, T., & **Cockerham, D.** (2022, January 3–6). *An exploration of stress factors and technology use related to divorce during the USA COVID pandemic* [Poster]. Hawaii International Conference on Education. Waikoloa, Hawaii.

**Cockerham, D.**, Ndolo, S., & Lin, L. (2021, November 2-6). *Reimagining online education for teens: Building motivation through a technology-immersed inquiry-based learning design* [Paper presentation]. Association for Educational Communications and Technology Conference. Virtual and Chicago, IL.

**Cockerham, D.,** Lin, L., & Tyler-Wood, T. (2020, Nov. 2-7). *Exploring communication in our digital culture: Teens with learning disabilities* [Paper presentation]. 2020 Association for Educational Communications and Technology Conference. Virtual.

**Cockerham, D.,** Heinrich, G., Porro, I., and Brundage, J. (2021, Oct. 26-28). *Cultivating environmental activists*. [Panel presentation]. Smithsonian Affiliations National Conference Virtual.

**Cockerham, D.,** Lin, L., & Tyler-Wood, T. (2020, Nov. 2-7). *Exploring communication in our digital culture: Teens with learning disabilities* [Poster]. 2020 Association for Educational Communications and Technology Conference*.* Virtual.

**Cockerham, D.,** Lin, L. & Tyler-Wood, T. (2020, Apr 17 - 21). *A tale of two schools: Potential policy impacts on teen smartphone usage* [Roundtable Session]. American Educational Research Association. San Francisco, CA. http://tinyurl.com/svoams7 (Conference Canceled).

**Cockerham, D.** (2019, Oct. 21-25). *Early Career Symposium: Inspired by communication* [Paper presentation]. 2019 Association for Educational Communications and Technology Conference. Las Vegas, NV.

Ndolo, S., & **Cockerham, D.** (2020). *Perceptions of rural African instructors on the use of social media in the classroom* [Paper presentation]. Association for Education Communication and Technology. Virtual.

Parker, C.T., **Cockerham, D.,** and Foss, A. (2019, Aug. 1-4). *Getting the word out: Lessons learned from a collaboration between content experts and a museum* [Poster] Conference for Undergraduate Educators. Tyson, VA.

**Cockerham, D.,** Lin, L., and Chang, Z. (2019, April 4-10). *Effect of the technology-enhanced sound environment upon learning performance* [Paper presentation]. 2019 American Educational Research Association Conference. Toronto, Ontario.

**Cockerham, D.,** Lin, L., and Chang, Z. (2018, Oct. 23-27). *Effect of background music on spatial tasks*. [Paper presentation]. 2019 Association for Educational Communications and Technology Conference. Kansas City, KS.

**Cockerham, D.,** and Lin, L. (2018, Sept. 27-29). *Co-play and the role of advancing technology* [Poster].

2018 International Mind, Brain and Education Conference. Los Angeles, CA.

**Cockerham, D.,** Cohen, O., Jahnke, E., & Gokcidem, E., (2018, Oct. 21-24). *Walk a mile in my shoes: Science centers as bridges to empathy and social change* [Full workshop]. Association of Science and Technology Center Annual Conference. San Jose, CA.

Lin, L., **Cockerham, D.,** Schellen, M., and Chang, Z. (2017, October). *Longitudinal studies of the impacts of background sounds on math and language performance* [Paper presentation]. 13th International Conference on Knowledge and Management. Dallas, TX.

**Cockerham, D.,** Chang, Z., Schellen, M., and Lin, Lin. (2017, April). *Do differences in background musical tempo and pitch impact cognitive task performance?* [Paper presentation]. 2017 American Educational Research Association Conference. San Antonio, TX.

Gu, X., Zhang, T., Lin, L., & **Cockerham, D.** (2017, March). *Gender and race differences among children's anthropometrics and mental health* [Paper presentation]. SHAPE America. Boston, MA.

**Cockerham, D.,** Gokcidem, E., Jahnke, E., Livingston, T., & Cohen, O. (2016, September). *“The human element” as disruptive innovation: Interdisciplinary perspectives on museum roles in socioemotional development* [Full workshop]. Association of Science and Technology Center Annual Conference. Tampa, FL.

**Cockerham, D.**, Chang, Z., Lin, L. , & Natividad, G. (2016, April). *Impact of the listening environment upon children’s cognitive skill acquisition* [Paper presentation]. American Educational Research Association (AERA) Conference. Washington, D.C.

**Cockerham, D.,** Schellen, M., Chang, Z., and Lin, L. (2016, January). *Background sounds and cognitive information processing* [Paper presentation]. University of North Texas College of Information Winter Multi-Disciplinary Research Exchange Conference. Denton, TX.

**Cockerham, D.,** Schellen, M., Chang, Z., and Lin, L. (2015, December). *Impact of the listening environment upon cognitive task performance* [Paper presentation]. Association for Information Systems, SIG Cognitive Research Workshop. Fort Worth, TX.

**Cockerham, D**., Grimes, R., Schwartz, M., Blair, C., & Lin, L. (2014, November). *Can a museum- university collaboration based on Mind, Brain and Education increase public engagement in science?* [Poster]. Association of Science and Technology Centers. Montreal, Canada.

**Cockerham, D.,** Malaia, E., and Rublein, K. (2013, June). *Processing of face and body emotional cues in children with Autism Spectrum Disorders: an EEG study* [Poster]. International Mind, Brain, and Education Conference. Quito, Ecuador.

**Cockerham, D.,** and Venugopalan, G. (2012, February). *Variations in Word Processing Speed and Accuracy Among Learning Disabled Students* [Poster]. International Learning Disabilities Association. Chicago, IL.

INVITED SEMINARS, WORKSHOPS, AND INTERVIEWS

**Cockerham, D.**, and Ndolo, S. (2021). Learning during crisis at an American university. [Full webinar]. Coventry, UK: Coventry University. Virtual.

**Cockerham, D.** (2017). Research and Education in an Informal Learning Environment. [Presentation]. Mind, Brain and Education: Research, Policy, and Practice Collaboratory. New York, NY.

**Cockerham, D.** (2014). Games and Cognitive Skills. [Radio interview]. KERA Radio 90.1 Breakthrough series interview. Dallas, TX.

**Cockerham, D.** (2008). Guiding Children with Learning Disabilities. [Radio interview]. Biz Radio 1160.

Fort Worth, TX.

**Cockerham, D.** (2008). Living with dyslexia. [Magazine article]. Dallas Child E-Magazine. Dallas, TX.

**Cockerham, D.** (2009, 2010). Strengthening language skills from the roots up. [Full workshop].

The Dyslexia Center. Colorado Springs, CO.

The Learning Center of North Texas. Fort Worth, TX.

**Cockerham, D.** (2010). Teaching the mathematically-challenged student. [Full workshop]. The Dyslexia Center. Colorado Springs, CO.

**Cockerham, D.** (2009). Reading Comprehension Workshop Series for Adult Literacy Educators: (1) Strengthening language skills from the roots up; (2) The learning brain: Visualization and language comprehension; (3) The learning brain: Multisensory activities to strengthen comprehension. [Series of full workshops]. The Learning Center of North Texas. Fort Worth, TX.

**Cockerham, D.** (2008, 2009). The learning brain: Music and learning disabilities. [Full workshop].

The Dyslexia Center. Colorado Springs, CO.

Tarrant County College. Fort Worth, TX.

**Cockerham, D.** (2008). Strengthening academic and communication skills through the fine arts. [Full workshop]. Association of Texas Professional Educators. Austin, TX.

**GRANT ACTIVITIES**

Gu, X., **Cockerham, D**., Rhea, D., Greer, D., Cong, J., & Wang, J. (2022). Reducing Disparities through Promoting Physical Activity and Tailored Health (RedPATH) in Underserved Minority Communities. Sum: $1,000,000. UTA, UNT, TCU, Fort Worth ISD, Fort Worth Museum of Science and History: NIH R01 proposal (unfunded).

Gu, X., **Cockerham, D.,** Wang, J., Eubanks, D., & Rhea, D. (2022). Empowering Physical Activity and Tailored Healthy Development (ePATH) in Underserved Young Children. UTA, UNT, TCU, Fort Worth ISD, Fort Worth Museum of Science and History: Sum: $300,000. NIH R15 proposal

(unfunded).

Alford, G., **Cockerham, D.,** Larsen, E., & Lin, L. (2021). STory-based Experiential Learning with Augmented Reality and Artificial Intelligence in a Museum Setting (STELAR AIMS). UNT, SMU, Fort Worth Museum of Science and History. Sum: $210,012. NSF RETTL (unfunded).

**Cockerham, D.**, Lin, L., & Tyler-Wood, T. (2021). Disrupting the Digital Divide: Empowering Teen Leaders in Times of Crisis. Sum: $5,000. University of North Texas Learning Technologies Faculty Research Seed Grant.

**Cockerham, D.,** Wilkerson, D., & Rehnberg, M. (2020). Earth Optimism Teen STEM Video Project Initiative. Sum: $3,000. Smithsonian Affiliation Grant.

**Cockerham, D.,** & Wilkerson, D. (2019). Research in an Informal Setting. Sum: $50,000. M.R. and Evelyn Hudson Foundation.

**Cockerham, D. (**2016). Educational assistance stipend awardee. Sum: $3,000. NSF-funded National Living Laboratory Initiative.

**Cockerham, D.** (2016). Partnership stipend awardee Sum: $5,000. NSF-funded National Living Laboratory Initiative.

Grant Evaluator, Legacy Initiative. Fort Worth Independent School District/Fort Worth Museum of Science and History. Sid Richardson Foundation grant.

Grant Evaluator, Rainwater Initiative. Fort Worth Independent School District/Fort Worth Museum of Science and History. Rainwater Foundation grant.

**ACADEMIC AND PROFESSIONAL POSITIONS**

**Clinical Assistant Professor** Fall 2022-Current

University of North Texas, Denton, TX

Responsibilities:Serve as major professor (9 doctoral students) and committee member

(11 doctoral students); Teach undergraduate, masters, and doctoral level courses; course design;

design and conduct research studies; write manuscripts for dissemination

**Lecturer, Department of Learning Technologies** Spring 2020-Spring 2022

University of North Texas, Denton, TX

Responsibilities:Teach undergraduate, masters, and doctoral level courses; course design, including 6800 *Technology During Crisis* course; committee member for 15 doctoral students; support doctoral students in designing, conducting, and writing research studies

Courses Taught:

Personal Development (LTEC 3010)

Human Relations in Business, Education and Industry (LTEC 4470)

Communications in Business, Education, and Industry (LTEC 4510)

Learning Technologies Capstone (LTEC 4741)

Instructional Systems Design I (LTEC 5210)

Interpersonal Skills Development (LTEC 5470)

Applications of Artificial Intelligence in Learning Analytics (LTEC 5702)

Studies in Learning Technologies (LTEC 5800)

Theories of Instructional Technology (LTEC 6010)

Theory and Practice of Distributed Learning (LTEC 6040)

Theory of Learning Technology Implementation (LTEC 6220)

Introduction to Research in Learning Technologies (LTEC 6510)

Analysis of Qualitative Research in Learning Technologies (LTEC 6512)

Technology During Crisis (LTEC 6800)

Course Design:

Technology During Crisis (LTEC 6800)

Courses Developed:

Human Relations in Business, Education and Industry (LTEC 4470)/Interpersonal Skills Development (LTEC 5470)

Communications in Business, Education, and Industry (LTEC 4510)

Theory of Instructional Technology (LTEC 6010)

**Founder and Managing Director, Research and Learning Center** 2014-2021

Fort Worth Museum of Science and History, Fort Worth, TX

Responsibilities: Designed museum-university collaborative research center; collaborated with university faculty on interdisciplinary research and educational projects; trained researchers on science communication skills

**Instructor and Curriculum Coordinator** 1991-2013

Hill School, Fort Worth, TX

Responsibilities**:** Designed personalized learning experiences for students with ADHD, learning disabilities, and autism; developed mathematics and fine arts curriculum; designed and implemented multisensory, interdisciplinary learning activities and environments.

**Consultant** 2003-2013

The Learning Center of North Texas, Fort Worth, TX

Responsibilities: Developed family literacy program and curriculum; trained teachers of adult literacy programs; mentored Fort Worth ISD teachers

**National Science Foundation Fellow** 2016-2017

PI: Dr. Tandra Tyler-Wood (Grant #1510289)

**Teaching and Research Assistant** 2015-2019

Department of Learning Technologies

University of North Texas, Denton, TX

**Visiting Research Scholar, College of Science and Engineering**  2015-2018

Texas Christian University, Fort Worth, TX

SciCom Center, Dr. Magnus Rittby

**Autism and Developmental Disabilities Inclusion Event Director** 2015-2019

Fort Worth Museum of Science and History, Fort Worth, TX

Responsibilities**:** Responsibilities: Coordinated 12 leading autism institutions to provide resources, activities, and therapists in museum events for children with autism spectrum disorders or developmental disabilities and their families

**Research Associate** 2011-2013

College of Education

University of Texas at Arlington, TX

Responsibilities: Designed and conducted EEG studies

**AWARDS AND HONORS**

**John Cotton Dana Award for Leadership** Spring 2020

American Alliance of Museums

**First Place Award, Doctoral 3 Minute Thesis Competition** Fall2018

University of North Texas

**College of Information Best Dissertation Award** Spring 2018

Multidisciplinary Information Research Symposium

University of North Texas

**Nicholas and Anna B. Ricco Ethics Writing Scholarship Award** Spring 2017

University of North Texas

**Outstanding Collaboration Award**  Spring 2017

University of North Texas

**Linda B. Schamber Doctoral Writing Award** Spring 2016

University of North Texas

**Innovative Leadership Award** Spring 2016

University of North Texas

**Phi Kappa Phi Honor Society**

**SERVICE AND LEADERSHIP**

LEADERSHIP

Associate Director of School and Community Partnerships 2021-Current

Texas Center for Educational Technology

University of North Texas

Co-Chair, Learning Technologies Scholarship and Awards Committee 2020-Current

University of North Texas

Director, Regional Youth Summit on Gender Equity 2021

Smithsonian Institution and Texas Christian University

Education Committee Member 2020-Current

Neurodiversity Professional Network

University of North Texas

EF+Math Facilitated Development Team 2019

Chan Zuckerberg Foundation

Judge, 3 Minute Thesis Competition 2015

Texas Christian University

Chair, Autism Spectrum Disorder Advisory Board 2015-2019

Fort Worth Museum of Science and History

EDITORIAL BOARDS AND REVIEWING

Reviewer for:

Journal of Technology and Teacher Learning (Editorial Review Board )

Smart Learning Environments

American Educational Research Association

Online Learning Journal

Spring Publishing

Plural Publishing

Psychology of Music Journal

DOCTORAL SUPERVISION

*Doctoral Committee Chair:*

Taliah Aleskandransky, Department of Learning Technologies, University of North Texas.

Destiny Benjamin (portfolio defense completed), Department of Learning Technologies (dissertation proposal defense completed), University of North Texas.

Dr. Taylor Davis (2022), Department of Learning Technologies, University of North Texas.

Samantha Harris, Department of Learning Technologies, University of North Texas.

Rabita Islam, Department of Learning Technologies, University of North Texas.

Rubaiyat Iqbal, Department of Learning Technologies, University of North Texas.

Meilin Jiang. Department of Learning Technologies, University of North Texas.

Paulina Romero, Department of Learning Technologies, University of North Texas.

Mike Schellen. (dissertation proposal defense completed), Department of Learning Technologies, University of North Texas.

Lance Whisenant, Department of Learning Technologies, University of North Texas.

*Doctoral Committee Member:*

Dr. Douglas Ayeda (Spring 2022 graduate), Department of Learning Technologies, University of North Texas.

LaShunda Bratwaithe, Department of Learning Technologies, University of North Texas.

Jenna Conan (dissertation proposal completed), Department of Learning Technologies, University of North Texas.

Todd Gruhn, Department of Learning Technologies, University of North Texas.

Veronica Johnson, Department of Learning Technologies, University of North Texas.

Sara Kaiser (portfolio dense completed), Department of Learning Technologies, University of North Texas.

Anita Knox (portfolio defense completed), Department of Learning Technologies, University of North Texas.

Stacy Milburn (dissertation proposal defense completed), Department of Information Science, University of North Texas.

Sharon Ndolo (dissertation proposal defense completed), Department of Learning Technologies, University of North Texas.

Dr. Nelson Orta (Spring 2021 graduate), Department of Learning Technologies, University of North Texas.

Aubrey Rieder (portfolio defense completed), Department of Learning Technologies, University of North Texas.

Shelby Strawn (portfolio defense completed), Department of Learning Technologies, University of North Texas.

Janice Thompson, Department of Learning Technologies, University of North Texas.

PROFESSIONAL AFFILIATIONS AND SERVICE

American Educational Research Association (AERA) 2014-Current

2017 Conference Session Chair and Discussant

Association for the Supervision of Curriculum Development (ASCD) 2005-2020

Association for Educational Communications and Technology (AECT) 2017-Current

Practitioner Committee

International Mind, Brain, and Education Society 2010-Current

2014 Conference Manager

International Society for Technology in Education 2018-Current

Society for Learning Analytics Research 2021-Current

**REFERENCES**

**Dr. Kinshuk**

Dean and Professor, College of Information

University of North Texas, Denton, TX

kinshuk@unt.edu

940-565-2058

**Dr. Lin Lin**

Professor and Department Chair, Department of Teaching and Learning

Southern Methodist University, Dallas, TX

llipsmeyer@smu.edu

**Dr. Camille Dickson-Deane**

Senior Lecturer Higher Education Learning Design, Faculty of Science

Affiliate: Associate Member: UTS Centre for Research on Education in a Digital Society

University of Technology, Sydney, Australia

camille.dickson-deane@uts.edu.au

**Dr. Marc Schwartz**

Professor, Mind, Brain and Education

Director, Southwest Center for Mind, Brain and Education (retired)

University of Texas-Arlington, Arlington, TX

marcschwartz00@gmail.com