Ann Terrill Musgrove, Ed.D.

Associate Professor
College of Education
Department of Teaching and Learning
Florida Atlantic University
Boca
musgrove@fau.edu

Education/Employment History

Ed.D. Adult and Community Education. Dissertation Title: An examination of the KOLB LSI and GEFT and their relationship to academic achievement in web-based and face-to-face nursing courses. Florida Atlantic University.

Ed.S. Instructional Technology/Adult and Community Education/Leadership. Florida Atlantic University.

M.Ed. Instructional Technology/Education Foundations. Florida Atlantic University.

B.S. Biology. Eckerd College.

A.A. General Studies. Northern Virginia Community College.

Assistant Professor of Instructional Technology, Dept. of Teaching & Learning, FAU, 2015 - Present. Course load in Instructional Technology both face to face and online, undergraduate, and graduate courses.

Workshop Developer, Facilitator, **Mentor** Online Learning Consortium, 2013- Present.
Instructional Design Certificate Program
Online Teaching Certificate Foundation
Digital Storytelling
Introduction to Audio and Video
Tools Exploring Interactive Video
New to Online- Converting Course Multimodal Design (Developed Curriculum)
Mentor faculty members in the online teaching certificate program

Quality Matters Reviewer, Emeritus.org 2021- present

Instructor of Instructional Technology, Dept. of Teaching & Learning, FAU, 2014 - 2015. Course load in Instructional Technology both face to face and online, undergraduate, and graduate courses.

Workshop Facilitator, Quality Matters, 2013-2017
- Applying the Quality Matters Rubric

- Teaching Online: An Introduction to Online Delivery
- Peer Reviewer Certification.

Instructional Designer and Coordinator of Educational Training Programs, **Center for eLearning**, Florida Atlantic University, 2010-2013. Helped establish the department as the second staff member hired.

Adjunct Professor of Education, Broward College Online, 2003-2014.

Adjunct Professor of Technology Education. Depts. of Teaching and Learning and Educational Leadership and Research, Florida Atlantic University, 1999-2014.

Director, **Broward College Title V Co-Op Grant, Partnership** between Broward College and FAU to increase Hispanic and other underrepresented minorities to teach in Broward Schools, 2006-2010.

Instructor, Full-time Florida Atlantic University, Digital Education Teaching Academy, Graduate Level learning partnership for K-12 classroom Teachers, 2005-2006.

Visiting Assistant Professor, Educational Technology & Research. Florida Atlantic University, 2002-2003.

Consultant, Microsoft Education, Teaching & Learning Tools for K-12 Teachers, 2001.

Consultant, Florida Department of Education Region V, Website Development, 2000- 2002.

Graduate Assistant, Florida Atlantic University, Dept. of Educational Technology and Research, 1997-2002

Scholarship/Research/Creative Activity

Publications in Print

Refereed Journal Articles

Powers, Jillian; Musgrove, Ann; Brown, Victoria; and Azhar, Mohammad (2021) "Exploring the Development of Pre-Service Teachers' Knowledge and Attitudes Toward Integrating Computational Thinking and Robotics into the Classroom," *FDLA Journal*: Vol. 6, Article 1. https://nsuworks.nova.edu/fdla-journal/vol6/iss1/1

Musgrove, A., Powers, J., Nichols, B.H., & Lapp, S. (2021). Exploring the role of elementary teachers' TPACK in the adoption of 1:1 computing across subject areas. *International Journal of Technology in Teaching and*

Learning, 17(1), 30-46. https://sicet.org/main/wp-content/uploads/2022/01/01_Ann-Musgrove.pdf

Willems, Patricia; Gonzalez-DeHass, Alyssa; Powers, Jillian; & Musgrove, Ann. (2021). The role of authentic teaching cases and mastery approach goals in online pre-service teachers self-regulated learning. *Education Technology and Research Development*, 69(2), 1003-1023. https://doi-org.ezproxy.fau.edu/10.1007/s11423-021-09972-9

Powers, J., Musgrove, A., Lapp, S., & Dunn, S. (2020). Elementary Teachers' Adoption of 1: 1 Computing to Differentiate Instruction: Organizational Factors that Make a Difference. *Journal of Interactive Learning Research*, *31*(4), 319-343

Bousalis, Rina; Powers, Jillian R.; & Musgrove, Ann T. (2020). Media and historical literacy: Reinterpreting the context of history. *Journal of Literacy and Technology*, *21*(4), 38-57. http://www.literacyandtechnology.org/uploads/1/3/6/8/136889/jltv21_4_bousalis_powers_musgrove.pdf

Powers, Jillian & Musgrove, Ann*. (2020).* Integrating 1:1 computing into the elementary school classroom: Why planning time makes a difference*. Computers in the Schools, 37(2), 92-115.* https://doi.org/10.1080/07380569.2020.1755773

Powers, Jillian; Musgrove, Ann; & Nichols, Bryan (2020). Teachers bridging the digital divide in rural schools. *The Rural Educator*, 41(1), 61-76. https://doi.org/10.35608/ruraled.v41i1.576

Brown, Victoria; Powers Jillian; Musgrove, Ann; & Olden, Daria (2020). Raising the bar with professional development in the use of distance learning tools. *Florida Distance Learning Association Journal*, 5(1), Article 3. https://nsuworks.nova.edu/fdla-journal/vol5/iss1/3/

Musgrove, Ann; Powers, Jillian; Gonzalez-DeHass, Alyssa; & Willems, Patricia (2019). Developing and modeling pedagogy with interactive video. *Journal of Educational Multimedia and Hypermedia*. 28(1), 57-73.

Musgrove, Ann. T.; Powers, Jillian R.; Rebar, Lauri C.; & Musgrove, Glenn J. (2018). Real or fake? Resources for teaching college students how to identify fake news. *College & Undergraduate Libraries*, 25(3), 243-260. https://doi.org/10.1080/10691316.2018.1480444

Orozco, Monica; Fowlkes, James; Jerzak, Page; & Musgrove, Ann (2012). Zero to sixty plus in 108 days: Launching a central eLearning unit and Its first faculty development program. *The Online Learning Journal*, 16(2), 177-192.

Musgrove, Ann & Musgrove, Glenn (2004). Online learning and the younger student theoretical and practical applications. *Information Technology in Childhood Education Annual,* 2004 (1), 213-225.

Musgrove, Ann & Bryan, Valerie. C. (2002). Web enhanced meetings: Using dynamic calendars, discussion Boards, and document linking in FrontPage 2002. *Journal of Interactive Instruction Development*, 15(2).

Knee, Richard; Musgrove, Ann; & Musgrove, Glenn (2000). Lights, camera, action! Streaming video on your web site. *Learning and Leading with Technology, 28(1), 50-53.*

Book

Bryan, Valerie C.; Musgrove, Ann T.; & Powers, Jillian R. (Eds.) (2018). *Handbook of Research on Human Development in the Digital Age.* Hershey, PA: IGI Global. https://doi.org/10.4018/978-1-5225-2838-8

Book Chapters

Musgrove, Ann T.; Gunder, Angela; Knott, Jessica L.; Tomsic, Frank; Banner, Powers, Jillian R.; Musgrove, Ann T.; & Lowe, Jessica A. (2018). Technology-Enhanced Exploratory Installations to Support Constructivist Professional Development: The Technology Test Kitchen. In V. Bryan, A. Musgrove, & J. Powers (Eds.), Handbook of Research on Human Development in the Digital Age (pp. 184-204). Hershey, PA: IGI Global. https://doi.org/10.4018/978-1-5225-2838-8.ch009

Brown, Susannah; Bird, Jennifer L.; Musgrove, Ann; & Powers, Jillian (2017). Leading learning communities with creative practice. *Encyclopedia of Strategic Leadership and Management* (pp. 1379-1390). Hershey, PA: IGI Global. https://doi.org/10.4018/978-1-5225-1049-9.ch096

Powers, Jillian, & Musgrove, Ann (2016). Putting the "P" into TPACK: Using digital tools to design 21st century lessons. (pp. 37-44*). Research Highlights in Technology and Teacher Education.* eBook Society for Information Technology & Teacher Education. https://www.learntechlib.org/p/174168/

Brown, Susannah; Bird, Jennifer L.; Musgrove, Ann; & Powers, Jillian (2016). The digital journey: Integrating technology into teaching and learning. In V. Wang (Ed.), *Handbook of Research on Learning Outcomes and Opportunities in the Digital Age* (pp. 611-642). Hershey, PA: Information Science Reference. https://doi.org/10.4018/978-1-4666-9577-1.ch027

Musgrove, Ann & Bryan, Valerie C. (2014). Theory and application: Construction of multimodal eLearning. In *Handbook of Research on Education and Technology in a Changing Society* (pp. 1068-1083). IGI Global.

Reprinted Chapters

Brown, Susannah L.; Bird, Jennifer L.; Musgrove, Ann; & Powers, Jillian (2021). Leading learning communities with creative practice. In Management Association, (Ed.), *Research Anthology on Facilitating New Educational Practices Through Communities of Learning* (pp. 91-103). Hershey, PA: IGI Global. http://doi:10.4018/978-1-7998-7294-8.ch006

Works In Press

Works Currently Under Review

Gonzalez-DeHass, A.; Willems, Patricia; Powers, Jillian; & Musgrove, Ann (Under Review). 47 pages. Parents' motivation to be involved in students' digital learning: Respecting family perspectives, improving access and confidence with technology, and extending genuine invitations. *Educational Psychologist Special Issue.*

Musgrove, Ann; Powers, Jillian; Azhar Mohammed (Under Review). 28 pages. Pre-service teachers designing assistive educational robots using computational thinking and UDL. *Contemporary Issues in Technology & Teacher Education.*

Refereed Presentations and Proceedings

International

Brown, Susannah; Musgrove, Ann; Powers, Jillian; & Bird, Jennifer (July 30, 2021). Integrating AI and innovative technology into teaching and learning. *Association for Ubiquitous and Collaborative Educators International Annual Meeting*, online. http://www.aucei.net/virtual-2021.html

Banner, Phylise; Musgrove, Ann; Carlton, Bobbie; Silva, Enzo; Grey, Daniel; Harford, Shereen; Rowland, Nolan; LaBorie, Kate; Bills, Paul; Powers, Jillian; (February 9, 2021). *App Smashing + Interaction + Accessibility.* Training 2021 Virtual Conference, online.

Musgrove, Ann; Powers, Jillian; Hartford, Shereen; & Banner, Phylise (February 9, 2021). *Training Technology Test Kitchen: Accessibility for All Learners*. Training 2021 Virtual Conference, online.

Musgrove, Ann; Powers, Jillian; Willems, Patricia; & Gonzalez-DeHass, Alyssa (2021). *Supporting all parents' involvement in K-12 online learning*. In E. Langran & L. Archambault (Eds.), Proceedings of Society for Information Technology & Teacher Education International Conference (pp. 384-387). Online, United States: Association for the Advancement of Computing in Education (AACE). https://www.learntechlib.org/primary/p/219158/

Powers, Jillian; Musgrove, Ann; & Azhar, Mohammed (2021). *Pre-service teachers designing assistive educational robots*. In E. Langran & L. Archambault (Eds.), Proceedings of Society for Information Technology & Teacher Education International Conference (pp. 1547-1552). Online, United States: Association for the Advancement of Computing in Education (AACE). https://www.learntechlib.org/primary/p/219314/

Musgrove, A. (February 26, 2020). *Applying the research of "learning by doing".* Training 2020 Conference, Orlando FL.

Brown, Victoria; Powers, Jillian; Musgrove, Ann ;& Olden, Daria (2020*). How professional development choices influence faculty self-efficacy and attitudes in the adoption of distance learning tools*. In D. Schmidt-Crawford (Ed.), Proceedings of *Society for Information Technology & Teacher Education International* (pp. 389-394). Online, United States: Association for the Advancement of Computing in Education (AACE) https://www.learntechlib.org/primary/p/215773/

Powers, Jillian & Musgrove, A. (April 10, 2020). *Integrating 1:1 Computing into the elementary classroom: Why planning time makes a difference*. Society for Information Technology Conference, Online, United States: Association for the Advancement of Computing in Education (AACE).

Willems, Patricia; Gonzalez-DeHass, Alyssa; Powers, Jillian; & Musgrove, Ann (2019). *Online pre-service teachers' self-regulated learning: Do authentic teaching cases and mastery approach goals play a role?* In K. Graziano (Ed.), Proceedings of Society for Information Technology & Teacher Education International Conference (pp.576-582). Las Vegas, NV, USA. Association for the Advancement of Computing in Education (AACE). https://www.learntechlib.org/primary/p/207700/

Brown. Susannah; Powers, Jillian; Musgrove, A.; & Bird, Jillian (July 31,2020), *Using technology to enhance creative journals*. Association for Ubiquitous and Collaborative Educators International Annual Meeting, online. http://www.aucei.net/virtual-2020.html

Powers, Jillian; Rebar, Lauri; & Musgrove, Ann. (Jan. 27, 2019). *Tools to fight fake news: Teaching information literacy to students.* Future of Educational Technology Conference, Orlando, FL.

Rebar, Lauri; Powers, Jillian; & Musgrove, Ann. (January 28, 2019). *Free and low-cost assistive technology for teachers and students*. Future of Education Technology Conference, Orlando, FL.

Bousalis, R.; Powers, Jillian; Musgrove, Ann; & Musgrove, Glenn (March 21, 2019). *Media and historical literacy: Changing the context of history.*

Presented at Society for Information Technology & Teacher Education International Conference, Las Vegas, NV. Association for the Advancement of Computing in Education (AACE).

Gonzalez-DeHass, A.; Willems, Patricia; Powers, Jillian; & Musgrove, Ann (May 23, 2019). *Up Your instructional game: Strategies for using complex and authentic cases to encourage students' active self-regulated learning.* 31st APS Annual Convention, Washington, DC, USA.

Musgrove, Ann; Powers, Jillian; Gonzalez-DeHass, Alyssa; & Willems, Patricia (2018). *Developing and modeling pedagogy with interactive video.* In E. Langran & J. Borup (Eds.), Proceedings of Society for Information Technology & Teacher Education International Conference (pp. 1649-1655). Washington, D.C., USA. Association for the Advancement of Computing in Education (AACE).
https://www.learntechlib.org/primary/p/182749/

Musgrove, Ann; Powers, Jillian; & Rebar. Lauri (Jan. 26, 2018). *Real or fake? teachers and librarians share information literacy strategies.* Future Educational Technology Conference, Orlando, FL.

Powers, Jillian, & Musgrove, Ann (Jun. 18, 2018). *Teachers' instructional use of one-to-one computing in two university schools.* Association for Ubiquitous and Collaborative Educators International Annual Meeting, Brunel University, London, England.

Bielskus-Barone, Kristina; Musgrove, Ann; & Powers, Jillian (Jun. 28, 2018). *Online learning and students with disabilities – Accommodations to support diverse learners in online learning environments using a universal design for learning framework.* EdMedia & Innovate Learning Conference, Amsterdam, Netherlands.

Musgrove, Ann. *Learning or just watching?* Training 2018 Conference, Atlanta, GA. Feb. 12, 2018.

Musgrove, Ann; Banner, Phylise; Grey, Daniel; Andress, Donna M.; Tomsic, Frank; & Ullberg, Emily. *App smashing.* Training 2018 Conference, Atlanta, GA. Feb. 12, 2018.

Gibson, Angela; Banner, Phylise; Tomsic, Frank; Shah-Nelson, Clark, Musgrove, Ann; & Sonka, Kate (Nov.16, 2017). *Applying the technology test kitchen to your institution: A space for testing, learning and innovation.* Online Learning Consortium Accelerate Conference, Orlando, FL.

Powers, Jillian; Musgrove, Ann; Musgrove, Glenn; & Rebar, Lauri (June 20, 2017). *Teaching college students how to identify fake news.* Association for Ubiquitous and Collaborative Educators International Annual

Meeting, Trinity College, Dublin, Ireland.

Powers, Jillian & Musgrove, Ann. (June 20, 2017). *Teachers' instructional usage of 1:1 computing in a rural school district.* Association for Ubiquitous and Collaborative Educators International Annual Meeting, Trinity College, Dublin, Ireland.

Willems, Patricia; Gonzalez-DeHass, Alyssa; Musgrove, Ann; Powers, Jillian; & Rhone, Angela. (August 4, 2017). *Using video-case instruction to enhance student's online learning of educational psychology.* American Psychological Association Annual Convention, Washington, DC.

Powers, Jillian; Musgrove, Ann; & Rebar, Lauri (2017). *Creative applications of LibGuides to teach undergraduate students information literacy skills.* In P. Resta & S. Smith (Eds.), Proceedings of Society for Information Technology & Teacher Education International Conference (pp. 1407-1413). Austin, TX, USA. Association for the Advancement of Computing in Education (AACE). https://www.learntechlib.org/primary/p/177424/

Powers, Jillian & Musgrove, Ann (2016). *Putting the "P" into TPACK: Using digital tools to design 21st century lessons.* In G. Chamblee & L. Langub (Eds.), Proceedings of Society for Information Technology & Teacher Education International Conference (pp. 3042-3049). Savannah, GA, USA. Association for the Advancement of Computing in Education (AACE). https://www.learntechlib.org/primary/p/172124/

Knott, Jessica L.; Musgrove, Ann; Melton, Robbie; Banner, Phylise; Tomsic, Frank; & Shah-Nelson, Clark (November 17, 2016). *Reframing faculty development as a makerspace: The technology test kitchen at your institution.* Panel Discussion presented at the Online Learning Consortium's Accelerate Conference, Orlando, FL.

Musgrove, Ann (September 21, 2016). *Training on a budget: Free tools that go the distance.* Training Magazine's Online Learning Conference, Chicago, IL.

Musgrove, Ann (September 21,2016). *New recipes for easily adding captions to your videos.* Training Magazine's Online Learning Conference, Chicago, IL. Sept. 20-22, 2016.

Musgrove, Ann (July 5, 2016). *The technology test kitchen – Bridging the disconnect between training and life-long learning.* Association for Ubiquitous and Collaborative Educators International Annual Meeting, Trinity College, Dublin, Ireland.

Musgrove, Ann (April 20, 2016). *Jazzing It Up! Tools to Tune Up Your Courses.* The Online Learning Consortium Innovate Conference, New Orleans, LA.

Gunder, Angela; Musgrove, Ann; Tomsic, Frank; & Melton, Robbie (March 9, 2016). *The technology test kitchen: Learning by doing. SXSWedu*, Austin, TX.

Musgrove, Ann & Banner, Phylise; (February 15, 2016). A*ppSmashing adapted to solve your challenges!* Training magazine 39th Annual conference & expo, Orlando, FL.

Musgrove, Ann. (November 2, 2015). *Free, fun and friendly - Exploring tools to increase active learning and create community.* Quality Matters 7th Annual Conference on Quality Assurance in Online Learning, San Antonio, TX.

Musgrove, Ann & Gunder, Angela. Technology test kitchen - *App smashing with the iron chefs* (October 15, 2015). 21st Annual Online Learning Consortium International Conference, Orlando, FL.

Musgrove, Ann; Gunder, Angela; & Goodrich, Dave. *Technology test kitchen – recipe swap.* (October 15, 2016). 21st Annual Online Learning Consortium International Conference, Orlando, FL.

Musgrove, Ann; Gunder, Angela; Banner, Phylise; Tomsic, Frank; Shaw-Nelson, Clark; Melton, Robbie; Dyer, Dean; Goodrich, Dave; Tansil-Gentry, Tara; & Malloy, Denise. (October 14, 2015). *Technology test kitchen recipes for technology integration*. 21st Annual Online Learning Consortium International Conference, Orlando, FL.
http://olc.onlinelearningconsortium.org/sites/default/files/pages/OLC15_TTK%20Recipe%20Book.pdf

Musgrove, Ann. Don't be boring! *Free tools to create social presence in your course.* (April 23, 2015). 8th Annual Emerging Technologies for Online Learning International Symposium, Dallas, TX.

Musgrove, Ann. *Screencasting – One Tool a Gazillion Use*. (April 23, 2015). 8th Annual Emerging Technologies for Online Learning International Symposium, Dallas, TX.

Musgrove, Ann. *Don't be boring! Free tools to create social presence in your course.* (July 8,2015). 12th Annual Online Learning Consortium Blended Learning Conference and Workshop, Denver, CO.

Regional/Local

Powers, Jillian; Musgrove, Ann; Brown, Victoria; & Azhar, Mohammed. (September 29 – October 1, 2021). *Using robots to teach computational thinking skills to K-12 educators.* Florida Distance Learning Association

2021 Annual Conference, online.

Brown, Victoria; Powers, Jillian; & Musgrove, Ann (October 1, 2020). *Raising the bar with professional development in the use of distance learning tools,* Florida Distance Learning Association 2020 Annual Conference, online.

Powers, Jillian; Gonzalez DeHass, Alyssa; Musgrove, Ann; & Willems, Patricia (April 20, 2018). *Using free web-based interactive video to enhance teaching and learning.* 2018 Teaching with Technology Showcase, Florida Atlantic University, Davie, FL.

Rebar, Lauri; Musgrove, Ann; & Powers Jillian (May 11, 2017*). Creatively teaching information literacy skills with LibGuides.* Florida Library Association's 2017 Annual Conference, Orlando, FL.

Rebar, Lauri; Powers, Jillian; & Musgrove, Ann. (October 20, 2017). *Teaching information literacy skills to help college students identify fake news.* Florida Association of Libraries 2017 Annual Conference, Tampa, FL.

Non-Refereed Publications, Presentations and Proceedings

Publications

- Musgrove, Ann; Tomsic, Frank; Knott, Jessica; Goodrich, Dave; & Gunder, Angela. (September 6, 2016). *A Kitchen for tech – Cooking up a makerspace for some delectable professional development.* EdTech Digest, guest column. https://edtechdigest.blog/2016/09/06/a-kitchen-for-tech/

Projects

Improving K-12 Online Teaching and Implementation
- FAU IRB Apr. 2021
- The study is an exploratory one in which the researchers are inquiring about the effective and noneffective strategies in the implementation of online instruction in the K-12 setting.
- Principal Investigator, Victoria Brown
- Co Investigators, Ann Musgrove and Jillian Powers

Preparing Pre-service Teachers to Integrate Computational Thinking, Artificial Intelligence, and Robotics
- FAU IRB Feb. 2020 (active-exempt)
- Survey of FAU in EME 2040 and EME 4312 (spring, summer, fall 2020, spring and summer 2021)
- Principal Investigator, Jillian Powers
- Co-investigator, Ann Musgrove, Mohammad Azhar CUNY

Assessing Faculty Self-Efficacy and Attitudes Toward Adopt Distance Learning Tools
- FAU IRB Dec. 2018 (active-exempt)
- Survey of FAU online faculty Feb. 2020
- Principal Investigator, Jillian Powers
- Co-investigator, Ann Musgrove, Vicki Brown, Ramonia Rochester, Daria Olden

Teachers' Instructional Usage of 1:1 Computing in a Large Urban School District
- FAU and Broward County Public Schools IRB approved in Nov. 2018 (closed still publishing articles)
- Surveyed elementary teachers in a large urban school district about their experiences with a 1:1 computing initiative.
- Principal investigator, Ann Musgrove
- Co-PIs Jillian Powers, Suzanne Lapp, & Brian Nichols

Teachers' Instructional Usage of 1:1 Computing in a University School
IRB approved in Oct. 2017 (closed)
- Surveyed teachers in two Florida University Schools about their experiences with a 1:1 computing initiative.
- Principal investigator, Ann Musgrove
- Co-investigators, Jillian Powers

Teachers' Instructional Usage of 1:1 Computing in a Rural School District
IRB approved in April 2016 (closed)
- Surveyed teachers in a rural FL school district about their experiences with a 1:1 computing initiative.
- Principal investigator, Jillian Powers
- Co-investigators Ann Musgrove, Bryan Nichols, and Jessica Lowe

Grants

Internal

Funded
Project Title: *Virtual Apps for Online Instruction (April 2, 2016)*
- Secured an award for a $4,639.50 FAU Technology Fee Grant
- The selection process involved a comprehensive review by the Technology Fee Oversight Committee.
- Used the funds to purchase Camtasia Studio software, which was installed on a virtual server. Masters of Instructional Technology students learned how to use the software and completed assignments, such as creating interactive learning modules with it.

Courses Taught at FAU

Faculty Professional Development Course

CeL1001 eLearning Designer/Facilitator Certification Course.
Center for eLearning – QM Nationally Recognized applying the Professional Development and Continuing Education Rubric.
(Developed New course)

Undergraduate Courses

EME 2040 Introduction to Educational Technology –
QM Nationally recognized applying the Higher Education Rubric
EME 4312 Educational Technology for 21st Century Teaching
(Developed New course, Awarded Quality Matters National Certification in 2020 applying the Higher Education Rubric)
EME 4411 Educational Programming I
EME 4810 Applied Educational Technology

Graduate Courses

EDF 6623 Digital Education Teacher Academy (DETA)
(Developed New course)
EDG 6255 Instructional Program Development
EME 6051 Models of Learning and Instruction
(Developed New course)
EME 6403 Telecommunications: Applications of Educational Technology
EME 6458 Distance Learning Theory & Practice
EME 6816 Authentic, Standards-Based Assessment
EME 6945 Field Experience in Educational Technology
(Service Learning, Co-Developed New course)

Course Development

EME 6426 Digital Literacy for Global Education
(Developed New course)
Co-Development –
EME 4312 Educational Technology for 21st Century Teaching
EME 6456 K-12 online teaching foundations
EME 6426 Digital Literacy for Global Education

Program Development

Co-Developer of the Certificate in Instructional Design. Serve as point of first contact for most inquiries and questions, 44 students have requested information about this program since it began in Spring 2020. This new program has significantly increase enrollment in our graduate classes.

Co-Developer of the Certificated in K-12 Online Teaching, Serve as point of first contact for most inquiries and questions. This certificate started in Fall of 2021.

Supervision of Graduate Students

Academic Service Learning

Supervised ten graduate students who logged over 600 hours of service in local schools and the University during the last four years as part of the field experience course EME 6945, a required course in our Masters of Instructional Technology.

Advising

Master's in Instructional Technology -Communicate degree requirements and assist master's degree in Instructional Technology students in developing a plan of study. Formally advise 9 students and offer informal advising to any student enrolled in the program (approximately 20 students).

Doctorate in Curriculum and Instruction, advise 2 students.

Doctoral Committees

Jillian Wojcik
Dissertation Title "Technology, Textbooks, and Mathematics: Perceptions of Online Math Homework from Traditional High School Students Enrolled at Private Schools" Fall 2017 Supervisory Committee/Doctorate Awarded Fall 2017.

Gisselle Gutierrez
Dissertation Title "The Relationship between Sense of Belonging and Instruction Self-Efficacy among Online Adjunct Faculty in Higher Education" Fall 2017 Supervisory Committee/Doctorate Awarded Fall 2017.

Kristina Bielskus-Barone
Summer 2018 Supervisory Committee. Technology Use in Postsecondary Education Programs by Students with Intellectual and Developmental Disabilities.

Service and Professional Development

Department/School service

- Instructional Technology Program Committee 2015 - 2021

- Marketing Instructional Design Certificate 2019 - 2021

- Marketing Instructional Design Certificate 2019 - 2021

- Marketing Masters in Instructional Technology 2015 - 2021

- Co-Developer of Instructional Design Certificate Program 2020

- Co-Developer of K-12 Online Certificate Program 2020

- Co-Developer of New Course K-12 Online Teaching 2020

- Produced video of Dr. Eileen Ariza's Cosa Rica Fulbright book presentation with Drs. Janet Towel, Julie Lambert, Susannah Brown- https://www.youtube.com/watch?v=pIo2HCw9odc

- EXCEED Grant Program Development Committee 2015

College service

- Council for the Accreditation of Educator Preparation - Technology Section 2021

- Co-Chair of Giving in Paradise 2019

- Co-Chair of FAU Owl's Nest 2018

- Graduate College Open house 2015

University service

- Canvas Syllabus Builder Committee, Office of Information Technology 2021

- Committee co-chair of FAU. Distance Learning Committee 2017- Present

- Graduation Marshall Summer 2016 & 2017

- Mentor students at Florida Atlantic University 2016

Service to Discipline/Profession

- Editorial Board Member and Reviewer for the Journal of Contemporary Issues in Technology Education. AACE–Association for the Advancement of Computing in Education. 2018 to present,

- Reviewer:

- Community College Journal of Research and Practice
- CITE Contemporary Issues in Technology Education.
- Online Learning Journal
- Journal of Educational Computing Research.

- Track Chair for the Innovations, Tools and Technologies for the Online Learning Consortium Accelerate Conference. Nov. 2018. Largest conference track representing 31% of submissions. Serve as reviewer and manage all reviewers and reviews in the track.

- Steering Committee member for Online Learning Consortium – (nonprofit) Accelerate Conference 2017. As the leader of the team, I reviewed sessions and in collaboration decided which session to accept in a blind review process.

- Track Chair for Structural Innovation Track for Online Learning Consortium – (nonprofit) Accelerate Conference, 2016. As the leader of the team, I reviewed sessions and in collaboration decided which session to accept in a blind review process

- Editorial Board Member – Healthy Community Synergism between Patients, Practitioners, and Researchers

- Master Chef of the Technology Test Kitchen at the 21st Annual Online Learning Consortium International Conference, October 16, 2015, in Orlando, FL.

- Program Committee Member for the Annual Quality Matters Conference on Quality Assurance in Online Learning 2014 & 2015.

Service to Community/Pubic

Local
- Broward Schools One to One Computing Executive Research Report

- Community Engagement -St. Vincent Computational Thinking/Coding/Robot Project

National
- Co-counselor for Kappa Delta Pi Honor Society for Teacher Education, Rho Omega Chapter.

- Shaping EDU Arizona State University Course to Connecting and Education: Universal Broadband Access in the United States

Professional Development

- **International Society for Technology in Education (ISTE).** 2021
- Certificate – Artificial Intelligence Explorations and their Practical use in School Environments.

- **Quality Matters** –
    - Quality Matters Program Reviewer Certification 2017
    - Institutional Representative - Leading the first implementation of QM at FAU resulting in 5 courses receiving national recognition during the first semester.
    - Master Course Reviewer
    - Subject Matter Expert in Education (Technology, Alternative Certification, Adult, Community, Professional Development)

- **Online Teaching Certificate** Online Learning Consortium
  Electives:
    - Student Retention
    - Quality Program Design
    - Faculty Support

Honors and Awards

- Division of Research Early Career Academy Participant 2020

- FAU Excellence in eLearning Award Nominee (Suspended due to COVID) 2020

- NSF ADVANCE Mentoring Finalist 2020. Infusing Computational Thinking, Artificial Intelligence and Robotics into Pre-service and In-service teacher education.

- Quality Matters National Recognition for EME 4312 Educational Technology for 21st Century Teachers, 2020.

- Effective Practice Award 2016. Online Learning Consortium. Recognizing Effective Practices for the Technology Test Kitchen. Tomsic, Frank; Banner, Phylise; Shah-Nelson, Clark; Gunder, Angela; Musgrove, Ann; Knott, Jessica; Melton, Robbie Bovard, B.; & Goodrich, Dave.

- Commendation from the Online Learning Consortium for leadership in advancing knowledge and practice among educators as the Technology Test Kitchen Chair for the 21st Annual Online Learning Consortium International Conference 2015.