

DANA MORRIS, Ph.D.

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EDUCATION	Ph.D. Curriculum and Teaching/STEM Education Baylor University Faculty Advisor: Dr. Justina Ogodo GPA 4.0	2020-2022
	M.Ed Educational Administration The University of Texas Tyler Coordinator of Program: Dr. Mark Lewis GPA 4.0	2013-2015
	B.S. Chemistry The University of Texas Tyler Department Chair and Supervisor: Dr. Donald McClaugherty Cumulative GPA 3.47	1988-1990
HIGHER ED EXPERIENCE	Baylor University: TED 4640/4641 Secondary Science Intern Seminar and Supervision	Fall 2021/Spring 2022/Fall 2022
	Baylor University: TED 3180 Social Issues Lab	Fall 2020
	Baylor University: TED 4307 Elementary Science Methods	Fall 2020/Spring 2021/Fall 2021/Fall 2022
	Assistant Professor/STEM Education The University of Texas Tyler: ELED 4314 Teaching Science in the Elementary Classroom	Spring/Fall 2023
	The University of Texas Tyler: EDUC 4314 Teaching Science in the Middle and Secondary Classroom	Spring 2024
	The University of Texas Tyler: EDUC 4383 Science Curriculum in the Elementary Classroom	Spring/Summer/Fall 2023

RESEARCH EXPERIENCE	Advisor: Dr. Justina Ogodó Topic: Uncharted Territories: Examining K-12 Teachers' Digital Competence and Technology Self- Efficacy during the COVID-19	Fall 2020/Spring 2021
	Collaborator: Dr. Greg Clark UT Austin Topic: Improving Communication Skills for Science Graduate Students through Outreach	Fall 2020
	Advisor: Dr. Suzanne Nesmith Topic: Connecting Engineering Design and Inquiry to the Implementation of Engineering Design Challenges in Elementary Classrooms	Spring 2021
	Advisor: Dr. Justina Ogodó Topic: Teaching Science during Pandemic	Spring 2021
	Collaborator: Dr. Justina Ogodó Baylor University Topic: New Teacher Induction	Spring 2022-Spring 2023
PRESENTATIONS	Southeastern Universities Graduate Research Symposium: Research- Based Learning: A Framework for Secondary Science Instruction	April 2020
	School Science and Mathematics Association Annual Convention: Chopped Challenge: A Unique Approach to Enhancing Preservice Teachers' Lesson Planning Competencies	November 2020
	Baylor Emerging Research Conference: The Impact of Teacher Identity on Collaborative Curriculum Development Through Lesson Study (with Karynevia Connor, Kenley Ritter, and Ashleigh Maldonado)	February 2021
	American Educational Research Association: Uncharted Territories: Examining K-12 Teachers' Digital	March 2021

	Competence and Technology Self-Efficacy during the COVID-19 Pandemic (Dr. Justina Ogodo, Dr. Marsha Simon, and Mark Akubo)	
	National Association of Research in Science Teaching: Teaching Science Virtually during the COVID-19 Pandemic (Dr. Justina Ogodo, Dr. Marsha Simon, and Mark Akubo)	March 2021
	School Science and Mathematics Association Annual Convention: Shoot for the Stars: A Multi-Organization Partnership to Create a STEAM Camp in an Urban Setting	October 2021
	Texas STEM Conference: Practical STEM Integration: Embedding Engineering Design in 5E Inquiry Instruction	February 2023
	American Educational Research Association: Using Cultural Border-Crossing Experience to Enhance Preservice Teachers' Pedagogical Practice in Urban Settings	April 2023
PUBLICATIONS	School Science and Mathematics Journal: Morris, D., & Nesmith, S. M. (2021). Connecting engineering design and inquiry to the implementation of engineering design challenges in elementary classrooms. <i>School Science and Mathematics</i> , 121(5), E1-E3. https://doi.org/10.1111/ssm.12473	May 2021
	Journal of Higher Education Theory & Practice: Ogodo, J. A., Simon, M., Morris, D., & Akubo, M. (2021). Examining K-12 Teachers' Digital Competency and Technology Self-Efficacy During COVID-19 Pandemic. <i>Journal of Higher Education Theory & Practice</i> , 21(11).	November 2021
	Exploring Coach-Mediated Reflection: Developing an Early-	December 2022

	Career Chemistry Teacher's Pedagogical Content Knowledge: Morris, D. (2022). Exploring Coach-Mediated Reflection: Developing an Early-Career Chemistry Teacher's Pedagogical Content Knowledge (Doctoral dissertation, Baylor University).	
	Journal of Multicultural Affairs: Research Brief: Early Career Coaching for Science PCK Development	December 2022
	The ENABLE STEM Early-Career Teacher Induction-Mentoring Program: Retaining STEM Teacher-Leaders for Urban High-Needs Schools Book Chapter in-Crossing the Border from Preservice to Inservice Science Teacher: Research-based Induction as Professional Development Ogodo, J. A, Ding, L., Morris, D.	(To be published 2023)
	University-Based Induction Coaching: Cultivating Teacher Development Through Reflective Practice Book Chapter in-Crossing the Border from Preservice to Inservice Science Teacher: Research-based Induction as Professional Development Morris, D., J. A. Ogodo	(To be published 2023)

SERVICE	Patriot Preview	Spring 2023
	CEP Service Award Committee	Spring 2023
	University Academy TOY Award Committee	Spring 2023
	Stemsopes Professional Development Workshop	Summer 2023
	East Texas Research Conference	Summer 2023

AWARDS AND RECOGNITION	Nominee: Outstanding Student Instructor-Baylor University	2021
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Nominee: Outstanding
Student Instructor-Baylor
University

2022

**PROFESSIONAL
ORGANIZATIONS**

American Chemical Society

American Educational Research Association

Association of Science Teacher Education

School Science and Mathematics Association

REFERENCES

Dr. Justina Ogodo

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Baylor University
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Dr. Suzanne Nesmith

Associate Dean Undergraduate Education
Associate Professor Science Education
MAT Graduate Program Director
Past-President, School Science and Mathematics Association
Associate Editor, *The Electronic Journal for Research in Science
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Dr. Lokia Scott

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