

Uchenna Emenaha Miles Ph.D.

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EDUCATION BACKGROUND

- 2020** **Ph.D., Curriculum and Instruction**, Science Education
College of Education, University of Houston, Houston, TX
- 2015** **Master of Education**, Health Education
College of Education, Texas Southern University, Houston, TX
- 2004** **Bachelor of Science**, Biology
College of Science & Math, Houston Christian University (*formerly
Houston Baptist University*)
- 2004** **Bachelor of Science**, Communication
College of Humanities, Houston Christian University (double major)

PROFESSIONAL EMPLOYMENT HISTORY

- 2020-current **Assistant Professor**, University of Texas at San Antonio
- Summer 2020 **Instructor**, American Museum of Natural History
- 2018-2020 **Instructor**, *teach*Houston Program, University of Houston
- 2016-2018 **Graduate Teaching Assistant**, University of Houston
- 2016-2020 **Graduate Research Assistant**, University of Houston
- 2015-2016 **Adjunct Professor**, Relay Graduate School of Education

CERTIFICATIONS K-12

- Grade 4th-8th Secondary Science Teacher Certification, Texas State Board of Education
- Grade 8th-12th Secondary Life Science Teaching Certification, Texas State Board of Education
- Grade 4th-12th English as a Second Language Teaching Certification Supplement, Texas State
Board of Education

K-12 TEACHING EXPERIENCE

2016-2017 K-6th Grade Virtual ESL Instructor-VIPKID, Beijing, China
2012-2016 9th Grade Biology Alief Independent School District, Houston, TX
2008-2012 7th Grade Science Teacher- Alief Independent School District, Houston, TX
2007-2008 5th Grade Teacher-Varnett Charter School, Houston, TX

AWARDS

2023 ILT Faculty Grant Development Award
2021 Gerald Skoog Cup for Outstanding Leadership in Science Teacher Education,
Science Teachers Association of Texas
2020 Student Scholar Award, National Conference on Race & Ethnicity (NCORE)
2017 GRaSP Talk Finalist, University of Houston
2017 Student Scholar Award, National Conference on Race & Ethnicity (NCORE)
2003 Congressional Recognition Community Service Award, Mayoral Office of Houston

FELLOWSHIPS

2024 Tiny 4.0 Fellowship, Inc. (30,500)
2018 Science Communication Conference Student Fellow, Rice University
2016-2020 Graduate Tuition Fellowship, University of Houston (60,000)
2002 Leadership Fellow, Alpha Kappa Alpha Sorority Inc.

RESEARCH

My research and scholarship are grounded in the use of culturally responsive pedagogy (CRP), to address the intersection between social issues, STEM/science instruction, and students' lived experiences. Specifically, my work focuses on the use of culturally responsive practices to explore three main research questions: *RQ1. How can CRP be used to develop students' science/STEM identity? RQ2. How can CRP be used to promote teaching practices that mitigate racial bias? RQ3. How can CRP be used to develop a student's scientific argumentation skills?*

BOOKS

Emenaha Miles, U. (forthcoming) *Science for All: A guide to developing culturally responsive science instruction for educators teaching in diverse communities.*

**Denotes student collaboration*

PUBLICATIONS-PEER-REVIEWED/REFEREED

PEER REVIEWED JOURNALS

9. **Emenaha Miles, U.** & Gehrtz, J. (submitted). Critical Issues in STEM Education: Understanding how STEM Teacher Educators Develop Their Critical Consciousness, *Higher Education*
8. **Emenaha, U.** (2023). Deconstructing Social Constructs: Exploring Teachers' Positionality When Teaching Race and Human Diversity in the Science Classroom, *Journal of Multicultural Affairs*. 9(2) [RQ2]
7. ***Emenaha, U.** & Hernandez, J (2022) History and the science mystery: Using Scientific Evidence to Solve Mysteries, *Teaching Science*, 68 (4), 19-24. [RQ3]
6. **Emenaha, U.** (2022). Reimagining a Culture of Equality (R.A.C.E.) lesson: Discussing race in the science classroom. *The American Biology Teacher*, 84 (5), 267–272.
<https://doi.org/10.1525/abt.2022.84.5.267> (*Featured article*) [RQ2]
5. **Emenaha, U.** (2020). Using pop culture to teach genetics: Teaching patterns of inheritance using students' favorite celebrity couples. *The Science Teacher*, 88(1), 54-58. [RQ1]
4. **Emenaha, U.** & Perry, A. A. (2019). Lights, camera, and a call to action: Women in media help promote science identity in female students. *Journal of Virginia Science Education*, (12)2. 6-9. [RQ1]
3. **Emenaha, U.** (2019). Learning to argue like a scientist when discussing social issues. *The Science Teacher Bulletin*, 82(2), 1-5. [RQ3]
2. **Emenaha, U.** (2018). The science of fake news: Use of socio-scientific issues in the modern

science classroom. *The STATellite*, 61(2), 21-22. [RQ3]

1. Zhang, J. Wong, S., Relyea, J. E., Wui, G., & **Emenaha, U.** (2017). Designing a socio-scientific issue curriculum on space exploration: Dialogic inquiry approach for English learners. *English in Texas*, 47(2), 7-12. [RQ3]

PEER REVIEWED BOOK CHAPTERS

1. Emenaha Miles, U., (2024). Exploring science teacher perspectives on social issues through use of intervention study design: A case study approach. In Sage Research Methods: Diversifying and Decolonizing Research. SAGE Publications, Ltd., <https://doi.org/10.4135/9781529690002> [RQ2]
2. **Emenaha, U.** (2023). sySTEMic Issues: Exploring the Effects of Colonialism on English Language Learners' Science and Math Outcomes. In Ashraf Esmail (Eds.), *Social justice perspectives on English Language Learners*, Hamilton Books. [RQ2]
3. * **Emenaha, U.** & Siddeeque, N. (2022). Racial passing & blurred color lines: Exploring the social construct of race. In P. Ballamingie & D. Szanto (Eds.), *Showing Theory to Know Theory: Understanding Social Science Concepts Through Illustrative Vignettes*. Theory Press. DOI: 10.22215/stkt/eu65 [RQ2]

PEER REVIEWED CREATIVE WORKS

1. **Emenaha, U.** (2021). Still waiting for a cure. *Journal of Multicultural Affairs*, 6 (1), 1-2. [RQ2]

NON-PEER-REVIEWED/REFEREED PUBLICATIONS

BOOK CHAPTERS

Emenaha, U. (2022). Impact of Racial Bias in Education. In Sally E. Antrobus & Lori Rodriguez (Eds.), *Democratizing Racial Justice: Ethnic Studies Educators' Academy 2022 Teaching Guide*.

[RQ2]

BLOGS/NEWSLETTERS

Emenaha, U. (2022). Do science teachers unintentionally develop imposter syndrome among students? *International Consortium for Research in Science and Math Education* 7, 6-8.

<https://drive.google.com/file/d/10pnKTJpFcSUWoCtfWeZwRzEI9OJLBywG/view>

PUBLISHED VOLUMES EDITED

Emenaha Miles, U. & Clayton, G. Co-editor *New Directions in Teaching and Learning Journal* (Guest Co-Editor)

PRESENTATIONS-PEER-REVIEWED/REFEREED

International Conferences

4. **Emenaha Miles, U.,** & Gehrtz, J. (2024). Exploring STEM Teacher Educators' Perspectives on Culturally Responsive Practices. National Association of Research and Science Teaching (NARST), Denver, Colorado.
3. **Emenaha Miles, U.,** Thacker, I, & Leihsing, S. (2024). Understanding to Unlearn: Implications of Unconscious Bias in STEM Teaching and Learning. National Association of Research and Science Teaching (NARST), Denver, Colorado.
2. **Emenaha, U.** (2022). The new four-letter word, 'race': Exploring Teacher Positions within biology education and critical race theory. National Association of Research and Science Teaching (NARST), Vancouver, Canada. [RQ2]
1. Nguyen, H., **Emenaha, U.,** Evans, P., & McAlister-Shields, L. (2020). Enacting potential: Examining impacts of *teachHOUSTON* program on Asian American pre-service STEM

teacher. International Association of Asian Studies, Dallas, Texas. [RQ1]

State & National Conferences

26. **Emenaha Miles, U., Thacker, I., & Leihsing, S.** (2024). Using Culturally Responsive Instruction to Address the Impact of Implicit Bias in STEM Education. American Education Research Association (AERA) Conference. Philadelphia, PA
25. ***Emenaha, U., Leihsing, S., & Brown, T.** (2023). Learning and unlearning: Exploring pre-service teachers understanding of implicit bias in STEMed. National Conference on Race and Ethnicity (NCORE), New Orleans, LA. [RQ2]
24. ***Emenaha, U., Thacker, I., Leihsing, S., & Brown, T.** (2023). Bias and the Brain: Exploring STEM Pre- Service Teachers Understanding of the Impact of Implicit Bias on Students' Outcomes. UTeach STEM Educators Conference, Austin, TX. [RQ2]
23. Gehrtz, J. & **Emenaha, U.** (2023). Critical Issues in STEM Education: Understanding STEM Teacher Educators' Critical Consciousness. Southwest Educational Research Association (SERA), San Antonio, TX. [RQ 1, 2]
22. **Emenaha, U.** (2022). The ABCs of CRP: Instructional Strategies & Best Practices Every STEM Teacher Educator Should Know. Conferences for the Advancement of Science Teaching (CAST), Dallas, Texas. [RQ1, 2]
21. **Emenaha, U.** (2022). Culturally Responsive Positioning: Science as a means of Racial-Justice. Conferences for the Advancement of Science Teaching (CAST), Dallas, Texas. [RQ2]
20. **Emenaha, U.** (2022). Doing our part: Exploring ways biology instruction can reduce racial stereotypes. National Science Teachers Association (NSTA), Houston, Texas. [RQ2, 3]
19. **Emenaha, U.** (2022). Giving everyone a seat at the lab table: Uncovering effects of gender

- biases within science instruction. National Science Teachers Association (NSTA), Houston, Texas. [RQ2]
18. **Emenaha, U.** (2021). Culturally Responsive Positioning: Breaking Down What It Means to Be a Culturally Responsive Science Teacher. 2021 Inclusive Teaching Symposium, National Association of Biology Teachers (NABT, virtual). [RQ1, 2]
 17. **Emenaha, U.** (2021). Introspective teaching practice to reduce implicit bias in classroom decision making. Conferences for the Advancement of Science Teaching (CAST), Ft. Worth, Texas. **Featured Conference Speaker* [RQ2]
 16. ***Emenaha, U. & Hernandez, J.** (2021). Mysteries and monuments: Science exploration to understand cause and effect of acid rain on historic buildings. Conferences for the Advancement of Science Teaching (CAST), Ft. Worth, Texas. [RQ 1, 3]
 15. **Emenaha, U.** (2020). But I read it on the internet: Designing lessons to support students scientific reasoning skills. Annual Conference for Middle Level Education (AMLE), Baltimore, MD. (virtual) [RQ3]
 14. **Emenaha, U. & Perry, A. A.** (2020). STEM woman in film: Leveraging the Scully Effect in the middle school classroom. Annual Conference for Middle Level Education (AMLE), Baltimore, MD. (virtual) [RQ1]
 13. **Emenaha, U.** (2020). Supporting understanding of human diversity through classroom discourse. National Science Teachers Conferences on Science Education, Boston, Massachusetts. (Conference Cancel) [RQ 2, 3]
 12. **Emenaha, U., Ademosu, K., & Evans, P.,** (2019). A lesson on race and human diversity: Culturally relevant pedagogy in biology classes. National Association of Biology Teachers (NABT) Professional Development Conference, Chicago, Illinois. [RQ 2, 3]

11. **Emenaha, U.** & Perry, A. A. (2019). Lights, camera, and a call to action: How women in media promote science identity in young females. Pop Culture Association Conference (PCA), Washington, DC. [RQ1]
10. **Emenaha, U.** (2019). Addressing misconceptions about race and genetics. Conferences for the Advancement of Science Teaching (CAST), Dallas, Texas. [RQ2]
9. Evans, P., McAlister-Shields, L., Ademosu, K., & **Emenaha, U.**, (2019). Towards a liberatory pedagogy: Culturally responsive teaching of STEM teachers. Texas National Association for Multicultural Education Conference (TXNAME), Nacogdoches, Texas. [RQ2]
8. Evans, P., McAlister-Shields, L., **Emenaha, U.**, Nguyen, H., Ademosu, K., (2019). Lifting the tide: Preparing STEM pre-service educators for impactful secondary teaching careers. Greater Houston Area STEM Conference, Houston, TX. [RQ 2]
7. Doherty, K. M., **Emenaha, U.**, & Perry, A. A. (2018). What Does This Have to Do with Me? Utilizing Culturally Relevant Pedagogy in Core Subjects. Annual Conference for Middle Level Education (AMLE), Orlando, Florida. [RQ1]
6. Wong, S., Lionnel, R., Jennifer, R., & **Emenaha, U.** (2018). Middle school science and mathematics teachers' understanding of the nature of science: A two-year study. American Education Research Association (AERA). New York, NY. [RQ1]
5. **Emenaha, U.** (2018). Developing science identity with use of socio-scientific issues intervention lessons. Texas National Association for Multicultural Education Conference (TXNAME), Frisco, Texas. [RQ 3]
4. Perry, A. A., **Emenaha, U.**, & Doherty, K. M., (2018). CRP and me: Applying culturally relevant pedagogical strategies to the core subjects. Texas National Association for Multicultural Education Conference (TXNAME), Frisco, Texas. [RQ1]

3. **Emenaha, U.** (2017). Increasing minority participation in STEM through mentorship. National Conference of Race and Ethnicity (NCORE). Ft. Worth, TX. [RQ1]
2. **Emenaha, U.** (2017). Effects of a genetic STEM camp on students' self-identity. National Consortium for Instruction & Cognition (NCIC). San Antonio, TX [RQ1]
1. **Emenaha, U.** (2017). Peripheral involvement of outside STEM leaders in urban schools. University of Houston College of Education Research Symposium. Houston, TX [RQ1]

INVITED TALKS- PEER-REVIEWED/REFEREED

Emenaha, U. (2017). Socio-science issues in public education. Graduate Research & Scholarship Project (GRaSP), Houston, Texas. [RQ 3]

INVITED TALKS

Emenaha Miles, U. (2024). Incorporating Culturally Relevant Practices as a Graduate Teaching Assistants, UTSA Roadrunner Assistantship Academy (RAA), San Antonio, TX [RQ1]

Emenaha, U. (2023). National Council for Faculty Development & Diversity (NCFDD) 12-Week Summer Online Faculty Success Program, UTSA Faculty Research and Development, virtually (panel member).

Emenaha, U. (2022) Culturally Responsive Pedagogy in Science Education, Science is Cool (ScIC) Conferences, Dallas, Texas. [RQ1, 2]

Emenaha, U. (2022) Preparing All Students for Success in STEM, UTSA STEM Education Day. San Antonio, TX (panel member). [RQ1]

Emenaha, U. (2022) Social Justice in STEM Education, *teach*HOUSTON Teacher Interest Group Workshop. Houston, TX (panel member). [RQ2]

Emenaha, U. (2022). Interdisciplinary Approached to STEM Education Research, UTSA iSTEAM Life Graduate Research Talk Series (virtual). [RQ1, 2, 3]

Emenaha, U. (2022). Integrating Culturally Responsive Teaching Practices into Educational Research and Teaching, UTSA COEHD Research Colloquium. San Antonio, TX. [RQ1, 2]

Emenaha, U. & Backus, D. (2021). Uncovering Bias to Unlocking Student Potential: Every Preceptor Should Have When Working with Pharmacy Learners, American Society of Consultant Pharmacist (ASCP). San Diego, Ca. [RQ2]

Emenaha, U. (2020). Let's talk about R.A.C.E.: Reimagining a Culture of Equality, Conference for the Advancement of Science Teaching (virtual). [RQ2]

Emenaha, U. (2020). Diverse issues in STEM education. Science Research: Developing a Diversity and Inclusion in the Social Sciences Professional Development, UTSA American Institute of Research (virtual). [RQ2]

Emenaha, U. (2017). What is social justice education? African Student Association (ASA) Career Expo, Houston Baptist University, Houston, TX. [RQ2]

GUEST LECTURER

Emenaha, U. (2017) Teaching socio-scientific issues to bridge the gaps in science literacy for English Language Learners. University of Houston. [RQ 3]

Emenaha, U. (2016) Using inquiry to create student centered 5E physics lessons. University of Houston.

SCHOLARSHIPS/HONORARIUMS

2023 & 2024 REDKE Faculty Travel Grant. (\$1,000).

2022 National Centers for Faculty Development & Diversity Success Program. (\$4,650)

2021 Gerald Skoog Cup for Outstanding Leadership in Science Teacher Education (\$1,500)

2020 Dissertation Writing Course Scholarship (\$100)

2019 Faith Gladstone Marshall Endowment Scholarship, University of Houston (\$800)

- 2019 Research Travel Grant, College of Education-University of Houston (\$1000)
- 2018 Cullen Fellowship Grant, Graduate School- University of Houston (\$750)
- 2017 Don and Jacqueline Hawkins Endowed Scholarship, University of Houston (\$1,500)
- 2017 Eugene Chiappeta Texas Chemical Council Scholarship, University of Houston (\$1,500)
- 2017 Research Travel Grant, College of Education-University of Houston (\$500)
- 2016 Alief Independent School District Campus Innovation Grant (\$1,000)
- 2011 Association of Texas Professional Educators (ATPE) Grant (\$1,000)
- 2002 Education Advancement Foundation Scholarship, Alpha Kappa Alpha Sorority Inc.
(\$1,000)

ACADMEIC GRANTS –FUNDED/UNFUNDED

INTERMURAL GRANTS

PI- *Women in STEM Summer Writing Retreat*. ADVANCE NSF Mini-Grant Program for Faculty Innovation and Transformation. 5,000-*Funded*

PI- UTSA ILT Faculty Grant Development Award. \$5,300-*Funded*

Co-PI, *UTSA Student Leadership & Community Connection*. UTSA First-Year Student Experience & Faculty Engagement Mini-Grant Program. 1,500-*Funded*

PI, *Planning with Purpose Game Night*. UTSA First-Year Student Experience & Faculty Engagement Mini-Grant Program. 1,000-*Funded*

PI, Exploring Pre-service Teachers' Experiences of Culturally Responsive Instruction. UTSA Grants for Research Advancement and Transformation (GREAT). 20,000-Unfunded

EXTRAMURAL GRANTS

PI, STEM Action-Oriented & Culturally Engaged (STEM ACE) Noyce Scholarship Program, National Science Foundation-Noyce Track 1. 1,085,700-*Pending*

PI, Exploring STEM Pre-Service teachers' conceptions of teaching Humane Genomic Literacy, **National Science Foundation-CAREERS. 748,264- Unfunded**

Co-PI, Advancing Interdisciplinary Math and Science (AIMS) for Secondary English Learners, National Science Foundation-DRK12, 2020-2025. 2,993,818-Unfunded

PI, QSR A critical qualitative analysis of middle grade educators and students' experiences in

interdisciplinary learning on pandemics and public health. **QSR Early Career Researcher Grant. 25,000-Unfunded**

COURSES TAUGHT (denotes course development or redesign)**

Undergraduate Courses:

UTE 3023 Perspectives on Science and Mathematics, The University of Texas at San Antonio**
IDS 3003 STEM in Social Context, The University of Texas at San Antonio **
CUIN 1101 Teaching Science and Math, *teach*Houston Program University of Houston

Graduate Courses:

**CI 6603 Critical Pedagogy, The University of Texas at San Antonio
**CI 6513 Grant Writing, The University of Texas at San Antonio
CI 5003 Theory of Curriculum and Instruction, The University of Texas at San Antonio
Evolutionary Biology Seminar, American Museum of Natural History
SCI 110 Introduction to Secondary Science Teaching, Relay Graduate School of Education
SCI 111 Fundamentals of Inquiry, Relay Graduate School of Education
SCI 112 Inquiry Through Labs, Relay Graduate School of Education
SCI 113 Scientific Reading, Writing & Speaking, Relay Graduate School of Education

ACADEMIC ADVISING

Master's Academic Student

Ph.D. Students

- Committee Chair -Deanna Flood-*in progress*
- Committee Member Aaron Galliher-*in progress*
- Committee Member Olatunji Godo-*in progress*
- Committee Member Samantha Leihsing-*in progress*
- Committee Member Anh Pham-*in progress*
- Academic Advisor Alexandria Medellin

CONSULTING: EDUCATIONAL

University of Texas at Austin, UTeach Program-Reviewed computer science course materials and provided detailed written feedback on the cultural responsiveness of the course content and strategies used to engage students.

CONSULTING: CURRICULUM DEVELOPMENT & DESIGN

QBS Learning, Wrote instructional material from an Unpacking the DCI Standards Plan using knowledge of the NGSS and effective instructional pedagogy, that details the flow and content of a unit in the program.

iSTEM Interactive Virtual Camp, Wrote life science lesson delivered through print and media formats for middle level science grades virtual interactive summer camp.

SELECTED WORKSHOPS & PROFESSIONAL DEVELOPMENT ATTENDED

2023	ChatGPT & how Artificial Intelligence Change Teaching and Learning (2 hours)
2023	Published & Paid Authors Workshop (120 hours)
2022	Open Educational Resources (OER) Creator Communities Academy (15 hours)
2022	Democratizing Racial Justices' Ethnic Studies Educators' Academy (15 hours)
2022	Innovation Academy, UTSA (15 hours)
2022	Strategies for Inclusive Teaching Institute, UTSA (15 hours)
2022	NSF, Landscape Exchange Network for Socio-environmental systems (LENS) Workshop (16 hours)
2022	UTSA NSF Faculty Early Career Development (CAREER) Proposal Development Program (5 hours)
2022	National Centers for Faculty Development & Diversity, Summer Faculty Success Program (40 hours)
2022	US Prep Learning Tour (16 hours)
2021	UTeach Perspectives of Science and Math Online Workshop (5 hours)
2021	UTSA edTPA Professional Learning Workshop (6 hours)

SERVICE

Department

2023	Department Review Committee (DRC)
2022	UTSA Day COEHD Volunteer
2022 & 2021	COHED Research Colloquium Planning Committee
2022-current	ILT Lead Faculty for: <i>Physical Science, Inquiry in Physical Science,</i>

Investigations in Physical Science, & Grant Writing

2021-2023	ILT Department Secretary
2021-current	UTSA Teaching Program Committee Member
2020-2022	ILT Awards Committee Member
2020-2021	IDS Program Committee Member

College of Education and Human Development (COEHD)

2023-2025	COEHD Scholarship Committee
2022-current	Co-sponsor UTeachSA Student Organization
2022-current	Co-Director UTeachSA
2021-2024	UTSA Pathways Program Mentor
2021-2023	COEHD Middle Grades Certification Planning Committee
2021	UTSA STEM Education Seminar Facilitator
2020-2021	COEHD Dean Search Advisory Committee Member

University Service

2022-2023	Committee on Committees (University Standing Committee)
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National Service

2024-current	Editorial Review Board- <i>Innovations in Science Teacher Education Journal</i> .
2021-2022	NSF, LENS Steering Committee Member
2020	Session Moderator, National Association of African American Studies & Affiliates
2019	Volunteer Judge, The Chiyoda Young Innovators' STEM Academy, - University of Houston
2018	Volunteer, Research Convening the <i>Handbook of Research on Teachers</i>

of Color, University of Houston

Professional Membership/Service

- 2017-current National Association of Research and Science Teaching
 - 2023 Early Career Awards Committee Member

- 2017-current Science Teacher Association of Texas
 - 2022-2024 Scholarship Committee Member
 - 2020-2022 Diversity, Equity, and Inclusion Taskforce member
 - 2017 State Conferences Organizer/Social Media Chair

- 2022-current UTeach STEM Educators Association (USEA)
 - 2023-2024 Scholarship Committee Member

- 2020-current American Education Research Association (AERA)
 - Learning Sciences SIG

- 2020-2022 National Science Teachers Association (NSTA)

- 2019-2021 National Association of Biology Teachers (NABT)

- 2019-2022 National Association of Multicultural Education (NAME)

- 2018-2021 Nigerian American Multicultural Council (NAMC)

- 2018-2021 American Middle Level Educator (AMLE)

AD-HOC REVIEWING

- 2024 Manuscript Reviewer, *Teachers College Record*
- 2024 Proposal Reviewer, Conference for the Advancement of Science Teaching (CAST)
- 2023 (Fall) NSF Grant Proposal Reviewer
- 2023 (Spring) NSF Grant Proposal Reviewer
- 2023 Proposal Reviewer, National Association of Research and Teaching (NARST)
- 2023 Proposal Reviewer, Conference for the Advancement of Science Teaching (CAST)
- 2022 Manuscript Reviewer, *Educational Psychologist Journal*
- 2020 Proposal Reviewer, American Education Research Association (AERA)
- 2020 Proposal Reviewer, National Association of Research and Teaching (NARST)
- 2020 Manuscript Reviewer, Handbook of Educational Psychology, 4th Edition
- 2019 Proposal Reviewer, American Education Research Association (AERA)
- 2018 Manuscript Reviewer, *Journal of Multicultural Affairs (JMA)*
- 2018 Proposal Reviewer, Conference for the Advancement of Science Teaching (CAST)
- 2017 Proposal Reviewer, Conference for the Advancement of Science Teaching (CAST)
- 2017 Proposal Reviewer, National Association of Research and Teaching (NARST)

COMMUNITY INVOLVEMENT

2017 Health and Business Expo, Founder/Organizer, Houston, TX

K-12 LEADERSHIP & SERVICE

2014-2015 Biology Team Lead

2013-2016 African Student Association Sponsor

2011-2012 7th Grade Cross Content Team Lead

2009-2010 Shard Decision Committee (SDC)

2010-2012 School Yearbook Sponsor

2009-2010 Pep Squad Sponsor

2008-2009 Science Club Sponsor

Media

[Science is Cool Unconference Interview](#), Podcast Guest, November 10, 2022.

Strategies for Inclusive Teaching Institute [Course Module](#) Contributor, 2022.

UTSA [Academic Affairs Faculty Profile](#), April 22, 2022.

[Texas Science Teacher Spotlight Interview](#), Science Teacher Association of Texas,
July 30, 2021.

[COEHD Professor Wins Statewide Award](#), UTSA College of Education and Human Development
News, December 3, 2021.

Featured Presenter in National Science Teacher Association Twitter Chat, “#NSTAchat
Evaluating Science Claims”. November 12, 2020.