

CLINTON A. PATTERSON

capatterson@tamu.edu / 979-845-8392 (wk)

ePortfolio / <https://sites.google.com/tamu.edu/clint-patterson/home>

ORCID ID: 0000-0001-5468-7264

EDUCATION

Doctor of Education, Educational Leadership August 2018
Department of Educational Leadership & Policy Studies Tarleton State University
Dissertation: *A case study of organizational change: Stakeholder experiences and perceptions of a college live mascot program.*

Masters of Science in Education, Educational Administration May 2007
Department of Educational Leadership Baylor University

Bachelor of Arts, History August 2005
Department of History Baylor University

PROFESSIONAL EXPERIENCE

Assistant Director of Mentoring & Graduate Education December 2022-current
Center for Teaching Excellence, Texas A&M University

- Develop and provide educational development programming
- Collaborate with an array of campus constituents
- Research, implement, and iterate the *Transformative Doctoral Education Model (TDEM)* and *Graduate Education Model (GEM)*
- Develop and implement a culture of mentoring initiative within and across the university, including TAMU Mentoring Academy, college and department mentoring plans, Responsible Conduct of Research, and educational research, which is anchored in the Center for the Improvement of Mentored Experiences in Research (CIMER)
- Mentor and supervise doctoral and master student assistants (non-teaching)
- Course Facilitator for Faculty Mentoring Academy, Graduate Mentoring Academy, and Leading a Mentoring Culture
- Design and coordinate Innovative Teaching faculty learning community
- Contribute to GenAI efforts through CTE working group and educational development for broader campus affinity groups
- Promote interdisciplinary experiences within and across Texas A&M University
- Conduct and disseminate educational research related to higher education
- Support and seek external funding
- Facilitate curriculum program (re)designs
- Provide leadership in various roles within CTE and Texas A&M

Courtesy Joint Faculty Appointment April 2023-current
Department of Educational Administration and Human Resources,
Texas A&M University

Instructional Consultant July 2019–December 2022
Center for Teaching Excellence, Texas A&M University

- Incorporate holistic student learning in faculty development programming
- Collaborate with an array of campus constituents
- Research and implement the *Transformative Doctoral Education Model*
- Develop and implement a culture of mentoring initiative within and across the university, including TAMU Mentoring Academy, college and department mentoring plans, Responsible Conduct of Research, and educational research
- Mentor and supervise doctoral and master student assistants (non-teaching)
- Course Facilitator for Faculty Mentoring Academy, Graduate Mentoring Academy, Leading a Mentoring Culture, Effective Teaching Practices, Inclusive Teaching Faculty Fellows Program, and Inclusive Teaching for Equitable Learning
- Promote interdisciplinary experiences within and across Texas A&M University
- Conduct and disseminate educational research related to higher education
- Support and seek external funding
- Facilitate curriculum program (re)designs at the graduate level

Postdoctoral Research Associate

August 2018-June 2019

Center for Teaching Excellence, Texas A&M University

- Facilitate CTE curriculum (Re)Designs at undergraduate and doctoral level
- Support and seek external funding
- Develop and maintain scholarly agenda
- Collaborate with an array of campus constituents
- Incorporate holistic student learning in faculty development
- Research and implement the *Transformative Doctoral Education Model*
- Mentor and supervise three doctoral student assistant non-teaching

Senior Coordinator of Spirit & Traditions

August 2016-August 2018

Department of Student Activities, Baylor University

- Served as primary liaison between Student Activities and Athletics
- Oversaw all operations for student tailgate including staff, facilities, rentals and student organization registration
- Managed fiscal operations for \$150,000 budget and responsibility for vouchers, deposits, and departmental adjustments
- Evaluated student experiences associated with athletics and present findings
- Co-advised student spirit organizations Bear Pit and Bullpen, including:
 - Leadership and student development
 - Promote student fan engagement, including travel experiences

Live Mascot Training Advisor

May 2007-May 2018

Division of Student Life, Baylor University

- Oversaw the operational care of two American Black Bears
- Led a team of 2-4 student trainers and 6-10 committee members in animal husbandry and safety protocols
- Oversaw USDA and risk management compliance
- Identified and collaborated with campus partners, including School of Engineering, School of Education, and Biology faculty and students
- Researched and pursued external funding opportunities

Coordinator for Fitness/Operations

September 2008-August 2016

Department of Campus Recreation, Baylor University

- Hired, trained, and supervised 70 student staff and fitness graduate assistant each semester

- Oversaw entire fitness operations, including \$250,000 budget, multiple fitness facilities, and initiated equipment procurement plan
- Introduced and coordinated student leadership roles
- Planned, implemented, and assessed university-wide health and fitness programs, including Group Exercise, Personal Training, and Peer Nutrition Education

Recreation Facility Manager

May 2007-September 2008

Department of Campus Recreation, Baylor University

- Oversaw daily opening procedures of recreation facilities during work week
 - Guided student staff in customer service, facility maintenance, and policy enforcement
- Lead responder in emergency and severe weather situations

TEACHING EXPERIENCE

ACADEMIC COURSES

FTSC 681 - Graduate Seminar	Guest Lecturer Texas A&M University	September & October 2024
URSC 681 – Graduate Seminar	Guest Lecturer Texas A&M University	September 2024
MSIOP 685 - Internship (Site supervisor)	Mentorship Development – Deepa Maheshwari Texas A&M University	Summer 2024
EAHR 484 – Internship (Site supervisor)	Workforce & Human Resource Development - Taylor Gurley Texas A&M University	Summer 2024
EDAD 484 – Internship (Site supervisor)	Workforce & Human Resource Development – Matthew Baca Texas A&M University	Summer 2024
EDAD 684 – Internship (Site supervisor)	College Teaching - Rebecca Neumann Texas A&M University	Spring 2024
EAHR 484 – Internship (Site supervisor)	Mentorship & Human Resource Development – Caroline Wuensch Texas A&M University	Spring 2024
EAHR 484 – Internship (Site supervisor)	Mentorship & Human Resource Development - Litzzy Garza Texas A&M University	Spring 2024
EAHR 484 – Internship (Site supervisor)	CHIPS & Science Act Workforce Development – Erica Ramirez	Summer 2023

Texas A&M University

EAHR 484 – Internship (Site supervisor)	Developing Interdisciplinary & Mentoring Experiences (DIME) – Ambar Gonzalez Texas A&M University	Spring 2023
ALEC 681: Graduate Seminar	Guest Lecturer Texas A&M University	August 2022, September 2021
EDAD/EAHR 684 – Internship (Site supervisor)	Inclusive teaching – Jazmin Jones Texas A&M University	Summer 2022
MSEN 659: Materials Design ePortfolio	Teaching Assistant Texas A&M University	Spring 2020, 2021, 2002
Student Affairs Administration in Higher Education (SAAHE) - practicum (co-site supervisor)	Inclusive Teaching – Marlee Jones Texas A&M University	Spring – Summer 2021
HLTH 331: Community Health	Invited Project Evaluator Texas A&M University	Spring 2019
HIS 3300: Methods of Oral and Public History	Guest Lecturer & Capstone Project Consultant Baylor University	Spring 2018
BU 1000: <i>Transfer New Student Experience</i>	Instructor Baylor University	Fall 2017
HP/RLS 1202: <i>First Aid and CPR</i>	Adjunct Professor Baylor University	Spring 2013, 2014, 2015
University 1000: <i>Freshman New Student Experience</i>	Instructor Baylor University	Fall 2009-2015
First Aid and CPR Certification Courses	Instructor American Red Cross and American CPR	2011-2018
HP 3362: <i>Risk Management in HHPR</i>	Guest Lecturer Baylor University	Spring 2014 Spring 2015

LEARNING COMMUNITIES

Innovative Teaching Fellows (Artificial Intelligence, Canvas, & Classroom Technology tracks)	Co-Developer and Facilitator Texas A&M University	Summer 2024-current
Graduate Mentoring Academy	Co-Developer and Facilitator Texas A&M University	Fall 2021-current

Faculty Mentoring Academy	Co-Developer and Facilitator Texas A&M University	Spring 2020-current
AgGIE Learning Community – Mentorship Competencies	Visiting Educator Texas A&M University	Fall 2020-current
Texas A&M University Qatar – Professional Development in Writing	Writing Community Texas A&M University	Fall 2023
Professional Development in Teaching with Generative AI	Co-Facilitator Teaching with AI Auburn University/Texas A&M University	Fall 2023
Leading a Mentoring Culture	Co-Developer and Facilitator Texas A&M University	December 2021- June 2023
Inclusive Teaching for Equitable Learning (ACUE-ITEL)	Co-Facilitator Association of College and University Educators (ACUE)/Texas A&M University	September 2022- November 2022
Inclusive Teaching Faculty Fellows	Co-Developer and Facilitator Texas A&M University	November 2020- January 2022
Effective Teaching Practices	Co-Facilitator Association of College and University Educators / Texas A&M University	August 2020-June 2021
Faculty Learning Community in Genetics & NIH-T32 programs	Co-Developer and Co- Facilitator Texas A&M University	September 2021- June 2022
D3EM Student Learning Community	Co-Developer and Facilitator Texas A&M University	Spring 2019, 2020, 2021

MANUSCRIPTS AND CONFERENCE PROCEEDINGS

* indicates graduate student

** indicates undergraduate student

1. **Patterson, C.A.** (accepted, pre-print). Getting ready to get ready: Conceptualizing an oral history project. *Sound Historian*.
2. **Patterson, C.A.** (2024). Book review of The Mentor’s Guide: Five steps to build a successful mentor program (Lunsford, 2022). *Research Management Review*. *Doi: 10.4324/9781003163862*

3. Harlin, J. & **Patterson, C.A.**, *Couri, D., Johnson, M., and Wilkinson, H. (2023). Implementing innovative mentorship development: Adapting CIMER competencies and curriculum. *The Chronicle of Mentoring and Coaching*.
4. **Patterson, C.A.**, Harlin, J., and *Couri, D. (2023). Re-envisioning responsible conduct of research requirements through a mentoring framework. *The Chronicle of Mentoring & Coaching*.
5. **Patterson, C.A.**, *Ajayi-Abitogun, B., Dunn, A., Galloway-Pena, J., and *Couri, D. (2023). Implementing emergent CIMER competencies. *The Chronicle of Mentoring & Coaching*.
6. **Patterson, C.A.**, Harlin, J., Cooper, B., Chowdhury, M., and Couri, D. (2023). Investigating a Mentoring Academy: An early study of the aligning expectations competency. *The Chronicle of Mentoring & Coaching*.
7. Stitt-Bergh, M., Fowler, D., Donaldson, J.P., *Hunter, T., Richardson, R., and **Patterson, C.A.** (2023). Designing for impact: The center for teaching and learning as a cultivator of a faculty learner-leader praxis. *To Improve the Academy: A Journal of Educational Development*. DOI: 10.3998/tia.2491
8. **Patterson, C.A.**, (2023). Mentoring programs: Characteristics within HRD and Higher Education contexts. *Advances in Developing Human Resources*. Doi: <https://doi.org/10.1177/15234223231213993>
9. **Patterson, C.A.**, Harlin, J., *Spencer, S., and *Couri, D. (2022). Providing early evidence for evidence-based Mentoring Academy session. 15th annual mentoring conference (15th ed.) Fostering Diverse Communities of Mentorship. *The Chronicle of Mentoring & Coaching*.
10. **Patterson, C.A.**, *Klinegardner, S., Autenrieth, R., Barry, A, Bryk, M., Johnson, M., Lench, H. and Wilkinson, H. (2022). Leading a mentoring culture at a research-intensive university: The pilot program report. 15th annual mentoring conference (15th ed.) Fostering Diverse Communities of Mentorship. *The Chronicle of Mentoring & Coaching*.
11. **Patterson, C.A.**, Harlin, J., **Hudechek, E., and *Couri, D. (2022). Program report for a Mentoring Academy capstone experience: Outcomes and findings. 15th annual mentoring conference (15th ed.) Fostering Diverse Communities of Mentorship. *The Chronicle of Mentoring & Coaching*.
12. **Patterson, C.A.**, *Presley, S., *Couri, D.C., Fowler, D.A., & Harlin, J. (2021). The culture of mentoring model: Implementing an institution-wide mentorship initiative. In Dominguez, N. & Garcia, D. (Eds.). (2021). 14th annual mentoring conference (14th ed.) Mentoring in an Interconnected World. *The Chronicle of Mentoring & Coaching*. (pp. 253-254). ISSN 2372-9848.
13. **Patterson, C.A.**, Harlin, J., *Couri, D.C., Fowler, D.A., & Duffield, N. (2021). Mentoring in artificial intelligence and materials science: Applying a new doctoral model. In Dominguez, N. & Garcia, D. (Eds.). (2021). 14th annual mentoring conference (14th ed.) Mentoring in an Interconnected World. *The Chronicle of Mentoring & Coaching*. (pp. 483-488). ISSN 2372-9848.

14. Harlin, J., **Patterson, C.A.**, Schweller, M., Seipp, A., & Butler-Purry, K. (2021). Institutionalizing high quality graduate mentoring: Process and implementation. *The Chronicle of Mentoring & Coaching*. 14th annual mentoring conference (14th ed.) Mentoring in an Interconnected World. *The Chronicle of Mentoring & Coaching*. (pp. 223-226). ISSN 2372-9848.
 15. **Patterson, C.A.**, Couri, D.C., Presley, S., & Harlin, J. (2021). Valuing faculty mentoring: A review of mentorship awards at an R1 university. *The Chronicle of Mentoring & Coaching*. 14th annual mentoring conference (14th ed.) Mentoring in an Interconnected World. *The Chronicle of Mentoring & Coaching*. (pp. 247-252). ISSN 2372-9848.
 16. **Patterson, C.A.**, *Couri, D.C., *Presley, S., & Fowler, D.A. (2021). A case for mentorship in doctoral education: Interviews with potential employers. *The Chronicle of Mentoring & Coaching*. 14th annual mentoring conference (14th ed.) Mentoring in an Interconnected World. *The Chronicle of Mentoring & Coaching*. (pp. 478-482). ISSN 2372-9848.
 17. **Patterson, C.A.**, Zimmer, W.K., and Meyer, A.R. (2022). Connecting college live mascots at the Sugar Bowl with oral history: An interdisciplinary study. *Sound Historian*.
 18. Chang, C.N., **Patterson, C.A.**, Vanderford, N.L., and Evans, T.M. (2021). Modeling Individual Development Plans, mentoring support, and career preparedness relationships among Ph.D. trainees in the life sciences. *F1000Research*. doi: 10.12688/f1000research.53705.1
 19. **Patterson, C.A.**, Beach, D.M., Reyes, J.M., and Sloan, S.M. (2021). Stakeholder perceptions and experiences of a college live mascot program: A study of higher education ad hoc change. *Innovative Higher Education*. doi: 10.1007/s10755-021-09547-9
 20. **Patterson, C.A.**, Zimmer, W.K., Patterson, M.S., and Meyer, A.R. (2021). 'I thee pledge': Exploring student fan identity with sportsmanship pledge values. *International Journal of Sport and Society*. pp. 175-189. doi:10.18848/2152-7857/CGP
 21. *Chang, C.N., **Patterson, C.A.**, *Harmon, W.C., Fowler, D.A., and Arroyave, R. (2020). Intellectual community as a bridge of interdisciplinary graduate education in materials data science. *MRS Advances*. 5(7) pp. 355-362 doi: 10.1557/adv.2020.140
 22. **Patterson, C.A.**, *Chang, C.N., *Lavadia, C., *Pardo, M., Fowler, D.A., and Butler-Purry, K. (2019). Transforming doctoral education: Preparing multidimensional and adaptive scholars. *Studies in Graduate and Postdoctoral Education*. 11(1), pp. 17-34. Doi:10.1108/SGPE-03-2019-0029
 23. *Chang, C.N., *Lavadia, C., **Patterson, C.A.**, Fowler, D., & Arroyave, R. (2019). Showcasing Interdisciplinary Capabilities: Employers' Perceptions on Reflective ePortfolios. *2019 American Society for Engineering Education (ASEE) Annual Conference & Exposition*
 24. **Patterson, C.A.** (2019). Academic development by way of student affairs: Reflections from the first fifty days on the job. Submitted for the special issue *Emerging Voices in the International Journal for Academic Development*. 25(2), pp. 209-213. doi: 10.1080/1360144X.2019.1593847
-

- 25.*Shaikh, H. M., Patterson, M. S., Lanning, B., Umstattd Meyer, M. R., & ***Patterson, C. A.** (2018). Assessing college students' use of campus recreation facilities through individual and environmental factors. *Recreational Sports Journal*. 42(2). doi: 10.1123/rsj.2017-0033
- 26.Patterson, M. S., ***Patterson, C. A.**, Walsh, S. M., & *Bernhart, J. A. (2017). A five-year evaluation of the BEarFIT worksite physical activity program. *Occupational Medicine & Health Affairs*. 5(3):308. doi: 10.4172/2329-6879.1000308

ADDITIONAL SCHOLARLY OUTCOMES

1. **Patterson, C.A.** Interviewer – oral history collection ($n=25$) of narratives and life stories related to the Baylor Bear Program and Baylor University, including transcripts and audio files. Drafting into book with *Big Bear Press* (Baylor University Press). 2012-current
2. **Patterson, C.A.** & Harlin, J. Texas A&M University's Mentoring Academy. *International Mentoring Association's CONNECT*. Summer 2023
3. Chang, C.N., **Patterson, C.A.**, Vanderford, N.L., & Evans, T. M. (2021). MPLUS Code – Modeling individual development plans, mentoring support, and career preparedness relationships among Ph.D. trainees in the life sciences. Zenodo. Doi: 10.5281/zenodo.505580 August 2021
4. Baker, M., Butler-Purry, K., Dewsnap, M., Escobar-Lemmon, M., Jacobs, T., Khatri, S., **Patterson, C.**, Viruru, R., and Widmer, J. Online research doctoral programs white paper. *Texas A&M University*. April 2021
5. **Patterson, C.A.** and Sloan, S.M. *Waco History Podcast: Waco's Known and Unknown Stories*. Invited as a podcast guest participant. April 30, 2021
6. **Patterson, C.A.** (2018). *A case study of organizational change: Stakeholder experiences and perceptions of a college live mascot program*. ProQuest 2018
7. **Patterson, C.A.** (2016). More than just a mascot: Baylor's bear program. *Waco Heritage & History*. 42(2), 9-12. 2016

REFEREED PRESENTATIONS

*indicates graduate student

**indicates undergraduate student

^cancelled due to COVID-19 pandemic

1. Odom, S., Byrk, M., Coates, C., *Hanh, A., Harlin, J., & **Patterson, C.A.** (October 2024). Supporting Mentorship in a Graduate Student Learning Community. Selected as roundtable session at the *TX Student Success Conference* in College Station, TX.
2. **Patterson, C.A.** & Sutedjo, A. (September 2024). Building AI bridges through educational development: Insights from a Center for Teaching and Learning. Selected as a virtual session at the *Association for Interdisciplinary Studies (AIS)*.
3. Harlin, J., **Patterson, C.A.**, Schweller, M., *Couri, D., & *Falia, G. (March 2024). Building a culture of mentoring in graduate education: Lessons learned in supporting students, faculty, and staff in developing mentoring competencies. Selected as presentation at the Conference of Southern Graduate Schools in Greenville, South Carolina.
4. **Patterson, C.A.**, Harlin, J., Cooper, B, and Chang, N.C. (Feb. 2024). Investigating a mentoring academy: A study of six evidence-based competencies. Selected as concurrent session presentation at the *2024 International Mentoring Association conference*, Charlotte, North Carolina.
5. Montague, M., **Patterson, C.A.**, & Harlin, J. (Nov. 2023). A culture of mentoring at Texas A&M University. Selected as workshop/discussion group session at the *3rd Cambodia International Conference on Mentoring Educators*.
6. **Patterson, C.A.** (Oct. 2023). Innovative graduate education frameworks: Promoting integration of academic disciplines and bridge boundaries. Selected as interactive workshop at the 45th annual *Association for Interdisciplinary Studies*. Lubbock, Texas.
7. **Patterson, C.A.**, *Vara, G., *Couri, D., *Carrillo, R., Fowler, D., and Brumbelow, K. (Oct. 2023). Exploring the three I's: Institutional Interdisciplinary Integration. Selected as concurrent presentation at the 45th annual *Association for Interdisciplinary Studies*. Lubbock, Texas.
8. Harlin, J. & **Patterson, C.A.**, and *Couri, D. (Oct. 2023). Implementing innovative mentorship development: Adapting CIMER competencies and curriculum. Selected as roundtable session at the annual *University of New Mexico's Mentoring Institute*. Albuquerque, New Mexico.
9. **Patterson, C.A.**, Harlin, J., and *Couri, D. (Oct. 2023). Re-envisioning responsible conduct of research requirements through a mentoring framework. *Selected as oral presentation at the annual University of New Mexico's Mentoring Institute*. Albuquerque, New Mexico.
10. **Patterson, C.A.** & *Couri, D. (Oct. 2023). Implementing emergent CIMER competencies. *Selected as oral presentation and poster at the annual University of New Mexico's Mentoring Institute*. Albuquerque, New Mexico.
11. **Patterson, C.A.**, Harlin, J., and *Couri, D. (Oct. 2023). Investigating a Mentoring Academy: An early study of the aligning expectations competency. Selected as oral presentation and poster at the annual *University of New Mexico's Mentoring Institute*. Albuquerque, New Mexico.

12. **Patterson, C.A.**, *Carrillo, R., and *Couri, D. (Nov. 2022). Institutional interdisciplinarity: Exploration through interviews. Selected as oral presentation at the annual Association for the Study of Higher Education (ASHE) conference. Las Vegas, NV.
13. Shields, S., Poling, N., and **Patterson, C.A.** (Nov. 2022). Shifting mindsets via a Re: Imagined Community of Scholars Approach. Selected as interactive symposium at the 47th annual *POD Network Conference*.
14. **Patterson, C.A.** (Oct. 2022). Leading a mentoring culture at a research-intensive university: The pilot program report. Selected as oral presentation and poster at the annual *University of New Mexico's Mentoring Institute*. Albuquerque, New Mexico.
15. **Patterson, C.A.** & Harlin, J. (Oct. 2022). Providing early evidence for evidence-based Mentoring Academy session. Selected as oral presentation and poster at the annual *University of New Mexico's Mentoring Institute*. Albuquerque, New Mexico.
16. **Patterson, C.A.** & Harlin, J. (Oct. 2022). Program report for a Mentoring Academy capstone experience: Outcomes and findings. Selected as oral presentation and poster at the annual *University of New Mexico's Mentoring Institute*. Albuquerque, New Mexico.
17. Lim, S.M., McLaughlin, V., **Patterson, C.A.**, Richardson, R., Goodey-Pellois, J., Hilty, C., and Harthcock, M. (July-August 2022). "Effective graduate training in soft skills in a full-day professional development workshop". Selected as oral presentation at the 27th Biennial Conference on Chemical Education. Purdue University, West Lafayette, IN.
18. **Patterson, C.A.**, Carrillo, R.*, Couri, D.* (July 2022). Interdisciplinarity within and across the institution: An exploratory case study at a high-research university. Selected as lightning talk at the annual International Science of Team Science (INSciTS) conference. Virtual.
19. **Patterson, C.A.**, Arroyave, R. & Carrillo, R.* (July 2022). Teaching for integration: Sharing experiences in a graduate interdisciplinary design studio course. Selected as lightning talk at the annual International Science of Team Science (INSciTS) conference. Virtual.
20. **Patterson, C.A.** & Simpson, B. (June 9, 2022). More than a mascot: Creating opportunities for faith integration and Christian stewardship. Selected as oral presentation at the annual *Christian Society for Kinesiology, Leisure, and Sport Studies (CSKLS)*. Waco, TX.
21. **Patterson, C.A.**, Meyer, A.R., and Zimmer, W. (June 10, 2022). Fan engagement: A barometer of student success and platform for eternal JOY. Selected as oral presentation at the annual *Christian Society for Kinesiology, Leisure, and Sport Studies (CSKLS)*. Waco, TX.
22. Chang, C.N., **Patterson, C.A.**, Vanderford, N.L., & Evans, T.M. (April 2022). Individual development plans, mentoring support, and career preparedness among Ph.D. trainees in the life sciences. Selected as roundtable at the annual American Educational Research Association. San Diego, California.

23. **Patterson, C.A.**, Harlin, J., Couri, D., and Pu (March 25, 2022). Student-centered mentoring with dignity at TAMU. Selected as interactive workshop at the *Texas A&M Race, Identity, & Social Equity (RISE) Conference*. College Station, TX.
24. Murray, I., **Patterson, C.A.**, and Poling, N. (March 2022). Responding to microaggressions and biases in your teaching and healthcare. Selected as interactive workshop at the *Association of American Medical Colleges (AAMC) Group on Diversity and Inclusion (GDI) Professional Development Conference*. Washington D.C.
25. **Patterson, C.A.**, Harlin, J., *Couri, D.C., Fowler, D.A., & Duffield, N. (October 2021). Mentoring in artificial intelligence and materials science: Applying a new doctoral model. Selected as oral presentation and poster at the annual *University of New Mexico's Mentoring Institute*. Albuquerque, New Mexico.
26. **Patterson, C.A.**, *Presley, S., *Couri, D.C., Fowler, D.A., & Harlin, J. (October 2021). The culture of mentoring model: Implementing an institution-wide mentorship initiative. Selected as roundtable and poster at the *University of New Mexico's Mentoring Institute*. Albuquerque, New Mexico.
27. **Patterson, C.A.**, *Couri, D.C., *Presley, S., & Fowler, D.A. (October 2021). A case for mentorship in doctoral education: Interviews with potential employers. Selected as oral presentation and poster at the annual *University of New Mexico's Mentoring Institute*. Albuquerque, New Mexico.
28. Harlin, J, **Patterson, C.A.**, *Couri, D.C., *Presley, S. (October 2021). A case for mentorship in doctoral education: Interviews with potential employers. Selected as oral presentation and poster at the annual *University of New Mexico's Mentoring Institute*. Albuquerque, New Mexico.
29. **Patterson, C.A.**, *Couri, D.C., *Presley, S., & Fowler, D.A. (October 2021). A case for mentorship in doctoral education: Interviews with potential employers. Selected as oral presentation and poster at the annual *University of New Mexico's Mentoring Institute*. Albuquerque, New Mexico.
30. Patterson, M.S., **Patterson, C.A.**, Goodson, P., and Beyerlein, M. (June 2021). Comparing network structure within research teams over time: A case for interdisciplinary research. Selected as a splash talk session at the *12th Annual International Science of Team Science (INSciTS) Conference*. Virtual.
31. **Patterson, C.A.**, *Couri, D.C., *Presley, S., and Fowler, D.A. (June 2021). Connecting translational team competencies to the Transformative Doctoral Education Model. Selected as a splash talk session at the *12th Annual International Science of Team Science (INSciTS) Conference*. Virtual.
32. *Couri, D.C., **Patterson, C.A.**, Fowler, D.A., and *Presley, S. (June 2021). Preparing scholars for Team Science: A new transformative doctoral education framework. Selected as a splash talk session at the *12th Annual International Science of Team Science (INSciTS) Conference*. Virtual.
33. **Patterson, C.A.**, Brumbelow, K., *Couri, D.C., and Fowler, D.A. (June 2021). Investigating institutional interdisciplinarity: An exploratory case study research design.

Selected as a splash talk session at the *12th Annual International Science of Team Science (INSciTS) Conference*. Virtual.

34. **Patterson, C.A.**, Donaldson, J.P., and *Couri, D.C. (June 2021). Boundary crossing in a college live mascot program. Selected as a splash talk session at the *12th Annual International Science of Team Science (INSciTS) Conference*. Virtual.
35. Fowler, D.A., **Patterson, C.A.**, Donaldson, J.P., and Richardson, R. (November 2020). Designing for impact: The future of centers for teaching and learning. Selected as an interactive symposium at the forty-fifth Association for the Study of Higher Education's annual conference. Virtual.
36. **Patterson, C.A.**, Meyer, A.R., and Zimmer, W.K. (September 11, 2020). *College live mascots at the Sugar Bowl: Not always sweet*. Selected as oral presentation at the fiftieth Texas Oral History Association annual meeting. Waco, TX.
37. Lim, S.M., McLaughlin, V., **Patterson, C.A.**, Richardson, R., Pellois, J.G., Hilty, C., Harthcock, M. (^March 31, 2020). *Effective graduate training in soft skills in a full-day professional development workshop*. 2020 Biennial Conference on Chemical Education. ^conference cancelled due to COVID-19
38. **Patterson, C.A.** and Vaughn, S. (^March 20, 2020). Building inclusive mentoring at TAMU. Selected as workshop for Race, Identity and Social Equity (RISE) Conference. College Station, TX.^
39. **Patterson, C.A.**, *Chang, C.N., Fowler, D., Arroyave, R. (December 1-6, 2019). *Intellectual Community as a Bridge of Interdisciplinary Graduate Education in Materials Data Science*. Selected as oral presentation at the 2019 Materials Research Society Fall Meeting & Exhibit. Boston, MA.
40. **Patterson, C.A.**, Meyer, A.R., Patterson, M.S. (October 17-19, 2019). *College Student Sportsmanship Pledges: Character Cries from the Stands?* Selected as oral presentation at the 2019 Baylor Symposium on Faith and Culture.
41. **Patterson, C.A.** & *Harmon, C.J. (May 5-7, 2019). *Re-Imagining a Business School's Core Curriculum using the Program (Re)Design Model*. Selected as poster at the Association to Advance Collegiate Schools of Business Conference, Providence, RI. (Did not attend)
42. **Patterson, C.A.**, *Lavadia, C., *Chang, C.N., Fowler, D., Arroyave, R. (May 1-2, 2019). *Intellectual community as a bridge of interdisciplinary education*. Selected as digital poster at the Transformational Teaching and Learning Conference, College Station, TX.
43. *Shields, S., **Patterson, C.A.**, Kurtz, J., *Elizalde, I. (May 1-2, 2019). *Pioneering educational innovation for the 21st Century Classroom Building*. Selected as oral presentation at the Transformational Teaching and Learning Conference, College Station, TX.
44. *Chang, C.N., *Lavadia, C., **Patterson, C.A.**, Fowler, D., Arroyave, R. (May 1-2, 2019). *What do employers value in a reflective ePortfolio?* Selected as oral presentation at the Transformational Teaching and Learning Conference, College Station, TX.

45. **Patterson, C.A.**, Beach, D., Reyes, J., Higham, R., and Sloan, S. (April 27, 2019). *A Case Study of Organizational Change: Stakeholder Experiences and Perceptions of a College Live Mascot Program*. Selected as oral presentation at the Texas Oral History Association annual meeting, Austin, TX.
46. **Patterson, C.A.**, *Lavadia, C., *Chang, C.N., Fowler, D.A., Butler-Purry, K. (February 14-16, 2019). *A case study: Answering the call to provide transformative doctoral education*. Selected as oral presentation at the Conference of Southern Graduate Schools annual meeting, Knoxville, TN.
47. **Patterson, C.A.**, *Lavadia, C., *Chang, C.N., Fowler, D.A., Butler-Purry, K. (January 10-12, 2019). *Transformative Learning Theory: The foundation to innovative doctoral education*. Selected as poster presentation at the Lilly Conference on Evidence-Based Teaching & Learning annual meeting, Austin, TX.
48. Fowler, D.A., *Pardo, M., *Lavadia, C., *Chang, C.N., and **Patterson, C.A.** (October 26, 2018). *Learning to navigate a new Transformative Doctoral Education Model*. Selected as a workshop presentation at the International Society for the Scholarship of Teaching and Learning annual meeting, Bergen, Norway.
49. **Patterson, C.A.** (September 19, 2018). *A new model for Transformative Doctoral Education*. Selected as a poster presentation at the Texas A&M Postdoctoral Research Symposium annual meeting, College Station, TX.
50. ***Patterson, C.A.** (April 7-8, 2018). *Tales from the dissertation: Applying oral history within a non-history doctoral program*. Selected as an oral presentation at the Texas Oral History Association annual meeting, College Station, TX.
51. **Hermes, A., **Martinez, V., **Bean, N., **Jordan, M., **Nethery, C., **Zimmer, N., Hartman, D., and ***Patterson, C.A.** (March 26-29, 2018). *Evaluating a diet change for American Black Bears: A Pilot Program*. Selected as a poster presentation at the Undergraduate Research Scholars Week, Waco, TX.
52. ***Patterson, C.A.** and Meyer, A.R. (June 6-8, 2018). *Sportsmanship in the stands: Assessing important Christian character traits among college sport fans*. Selected as an oral presentation at the Christian Society for Kinesiology, Leisure and Sport Studies, Elgin, IL.
53. **Patterson, C.A.**, Farquhar-Caddell, D, and Eklund, R. (February 15-17, 2018). *It takes a collaborative team to cheer on a college sports team: A discussion with athletic fan engagement and student activities partners*. Selected as an oral presentation at the Applied Sport Management Association Conference, Waco, TX.
54. **Patterson, C.A.** & Patterson, M.S. (February 15-17, 2018). *Fostering student engagement and belonging through sport: Factors associated with student attendance at collegiate basketball games*. Selected as a poster presentation at the Applied Sport Management Association Conference, Waco, TX.
55. **Patterson, C.A.** & Patterson, M.S. (February 21-24, 2016). *Key factors associated with university students' comfort in their recreational environment*. Selected as a poster

presentation at the American Academy of Health Behavior (AAHB) 16th Annual Meeting, Ponte Vedra Beach, FL.

56. Patterson, M.S., **Patterson, C.A.**, and *Shaikh, H.M. (October 25-28, 2015). *An investigation into the recreational environment on a college campus*. Selected as an oral presentation at the National Intramural and Recreational Sports Association Region IV Conference. Galveston, TX.
57. **Patterson, C.A.** (April 22-23, 2015). *Baylor University Bear Program: Perspectives from Student Trainers*. Selected as presenter at Texas Oral History Association Annual Meeting, Waco, TX.
58. **Patterson, C. A.**, Patterson, M. S., & Walsh, S. M. (March 15-18, 2015). *An Evaluation of the BearFit Worksite Wellness Program*. Selected as a poster presentation at the 15th Annual American Academy of Health Behavior Meeting (AAHB). San Antonio, TX.
59. **Patterson, C.A.** & Patterson, M.S. (June 12-15, 2013). *An Internal Perspective of the Christian Leadership Institute*. Selected as an oral presentation at the Christian Society for Kinesiology and Leisure Studies (CSKLS) Annual Conference. Waco, TX.
60. Patterson, M. S. & **Patterson, C. A.** (June 12-15, 2013). *An evaluation of BearCycle: Baylor University's indoor cycling program*. Selected as an oral presentation at the Christian Society for Kinesiology and Leisure Studies (CSKLS) Annual Conference. Waco, TX.
61. Davis, V. S., & **Patterson, C. A.** (December 1-3, 2011). *Build your fitness strength teams*. Selected as an oral presentation at the Athletic Business Conference (ABC) Annual Conference. Orlando, FL.

INVITED PRESENTATIONS

*indicates graduate student

1. **Patterson, C.A.** (May 3, 2024). FSTC Program Overview and Innovative Graduate Frameworks. Invited facilitator to the Department of Food Science and Technology at Texas A&M University.
2. **Patterson, C.A.** (February 9, 2024). Aligning Expectations in Faculty Mentoring. Invited facilitator to the Department of Educational Psychology at Texas A&M University.
3. Richardson, R., **Patterson, C.A.**, and Shahri, B. (January 31, 2024). CTE Programs and Services Overview. Invited as COALS Bites and Insights speaker at the College of Agriculture and Life Sciences at Texas A&M University.
4. **Patterson, C.A.** (December 1, 2023). ASCEND: A workshop for interdisciplinarians. Invited speaker for the ASCEND Research Fellowship Program at Texas A&M University.
5. **Patterson, C.A.** & Johnson, M.D. (November 2023). Faculty Mentoring Academy. Invited facilitator for the Texas A&M University's Qatar campus. Texas A&M University
6. **Patterson, C.A.** & Harlin, J. (June 30, 2023). Equipping for Mentoring: SVMBS Workshop. Invited presentation for the Postdoctoral Association and School of Veterinary Medicine & Biomedical Sciences at Texas A&M University.

7. **Patterson, C.A.** & Harlin, J. (May 5, 2023). Building a culture of mentoring at Texas A&M University. Invited presentation for the College of Agriculture and Life Sciences at Texas A&M University.
8. Dunn, A., Harlin, J., Odom, S., **Patterson, C.A.**, Preston-Phillips, T. (April 2023). Transforming Mentorship experiences through dignity. Invited presentation for the North American Colleges and Teachers of Agriculture (NACTA) Educational Issues and Teaching Improvement Committee.
9. **Patterson, C.A.** (April 2023). Educational experiences for graduate students and trainees that promotes the integration of academic disciplines and bridging disciplinary boundaries. Invited presentation for the University of Southern California (USC) Keck School of Medicine.
10. **Patterson, C.A.** & Johnson, M.D. (March 2023). Faculty Mentoring Academy. Invited facilitator for the Texas A&M University's Qatar campus. Texas A&M University
11. **Patterson, C.A.** & Johnson, M.D. (March 2023). Scholarship of Teaching & Learning: What is SOTL? Invited presentation at the Texas A&M University's Qatar campus. Texas A&M University.
12. **Patterson, C.A.** & Johnson, M.D. (March 2023). Today's students and an interdisciplinary world. Invited presentation for the Texas A&M University's Qatar campus. Texas A&M University.
13. **Patterson, C.A.** (February 8, 2022). Mathing an Individual Development Plan. Invited speaker for Math Department Graduate Student Workshop. Texas A&M University.
14. **Patterson, C.A.** (January 28, 2022). Continuing the discussion: Mentorship development at Texas A&M University. Distinguished Speaker at The Institute for Engineering Education and Innovation (IEEI). Texas A&M University.
15. **Patterson, C.A.** (January 27, 2022). Models for student-centered graduate education: Frameworks designed for boundary spanning. Invited speaker for International Science of Team Science (INSciTS) Education and Training Special Interest Group (SIG).
16. **Patterson, C.A.** (January 21, 2022). Models for student-centered graduate education: Fresh frameworks for mentoring and interdisciplinary experiences. Distinguished Speaker at The Institute for Engineering Education and Innovation (IEEI). Texas A&M University.
17. **Patterson, C.A.** (December 14, 2021). Implementing effective strategies in your teaching. Pharmaceutical Sciences Department Retreat. Texas A&M University.
18. Donaldson, J.P., **Patterson, C.A.**, and Fowler, D.A. (June 12, 2020) Engaging in Meaningful Interdisciplinary Approaches. Texas A&M University.
19. **Patterson, C.A.** and *Presley, S. (May 20, 2020) Equipping for Mentoring. Texas A&M University.

20. **Patterson, C.A.** and *Presley, S. (April 23, 2020) Equipping for Mentoring. Texas A&M University.
21. **Patterson, C.A.** and *Presley, S. (April 15, 2020) Equipping for Mentoring. Texas A&M University.
22. Poling, N. and **Patterson, C.A.** (October 11, 2019). *Division of Student Affairs Lunch and Learn: Introduction to Program Mapping*. Texas A&M University.
23. **Patterson, C.A.** and *Shields, S. (September 6, 2019). *Department of Management Lead and Learn: Active Engagement*. Texas A&M University.
24. **Patterson, C.A.** (August 14 & 20, 2019). Students TODAY in general and at Texas A&M specifically. New Faculty Institute. Texas A&M University
25. *Shields, S. and **Patterson, C.A.** (July 8, 2019). *An Invitation to think about teaching*. Workshop session for Agriculture Economics: Financial Planning faculty, Texas A&M University.
26. **Patterson, C.A.** (May 21, 2019). *Communication Workshop: Conversation about your niche and career goals*. Workshop session as part of the Harthcock Graduate Professional Development Symposium for Chemistry, Texas A&M University.
27. **Patterson, C.A.** & Fowler, D.A. (May 21, 2019). *Finding your niche – Individual development plans (IDPs)*. Session as part of the Harthcock Graduate Professional Development Symposium for Chemistry, Texas A&M University.
28. **Patterson, C.A.** (February 21, 2019). *GANTS & Grants: The Funding Process*. Professional development session as part of the Center for Teaching Excellence at Texas A&M University.
29. Smith, A.H., Poling, N., and **Patterson, C.A.** (October 29, 2018). *Helping today's students help themselves: Connecting the classroom with support services*. Panel session as part of the Center for Teaching Excellence at Texas A&M University.
30. **Patterson, C.A.**, Pardo, M., *Lavadia, C., *Chang, C.N., and Fowler, D.A. (October 25, 2018). Learning to navigate a new transformative doctoral education model. Oral presentation for Poultry Science graduate student association's special session at Texas A&M University.
31. **Patterson, C.A.**, Fowler, D.A., and *Shields, S. (October 25, 2018). *Programmatic curriculum rebuilding for post-secondary cultural change*. Oral presentation for Poultry Science graduate student association at Texas A&M University.
32. Poling, N. and **Patterson, C.A.** (August 23, 2018). *Facilitating small group dynamics*. Workshop session at the Texas A&M University's School of Public Health's new student orientation, Texas A&M University.
33. ***Patterson, C.A.** (February 9, 2018). *Trainer perspectives across 100 years of bears on campus*. Panel moderator for The Bear Centennial Celebration, Baylor University.

34. ***Patterson, C.A.** (October 30, 2017). *Leading at Baylor University: Dr. Linda A. Livingstone*. Moderator for Striving To Enhance Personal Performance Luncheon, Baylor University.

FUNDING

Awarded Proposals \$13,562,514	
Co-PI – Education and Workforce Lead (1.5 mo/yr) <i>NSF-DGE-NRT, Enabling AI on the Fly</i> (PI Banerjee) Texas A&M University	\$3,000,000 September 2024- current (2029)
Co-PI (1.0 mo/yr) <i>AI on the Fly: Piloting a System-Wide Graduate Certificate Program in Edge Computing</i> (PI Fang) Texas A&M Semiconductor Institute	\$299,970 September 2024- current (2026)
Co-PI (0.5 mo/yr) <i>Texas Institute for Electronics NGMM Center</i> DARPA Sub-award with program lead University of Texas – Austin (PI Hipwell) Texas A&M University	\$5,000,000 July 2024 – current (2029)
Co-PI (1.0 mo/2026-2029) <i>TAMSS Cost Share Subcontractor DARPA NGMM Program</i> Texas A&M System Semiconductor Institute (PI Hipwell) Texas A&M University	\$2,500,000 July 2024 – current (2029)
Co-I (0.81 mo/yr) TAMSS Cost Share Subcontractor DARPA NGMM Program Texas Office of the Governor Economic Development & Tourism (PI Hipwell) Texas A&M University	\$2,500,000 July 2026 – 2029
Co-PI (1.0 mo/yr) <i>Semiconductor Research Experience for Undergraduates</i> (PI Shamberger) Texas A&M System Semiconductor Institute	\$148,064 Mar. 2024 – current (2026)
Lead Mentorship Consultant TEEX TAMUS Intrasystem Cooperation Contract	\$10,000 Fall 2022- Spring 2023
Proposal contributor <i>PD Hub, Individual development plan (IDP) career exploration 8-week cohort series</i> (PI Yeager) Texas A&M University	2021-2022

Proposal contributor/Mentorship Consultant & Researcher \$102,931
*NOT-GM-21-023**; *Enhancing mentorship through a contemporary diversity equity and inclusion lens* (PI Shippen) (\$4,999.95)
 *Supplemental award with T32 GM135115: *Diverse Predoctoral Training in Genetics* (PI Threadgill) Summer 2021-
 Texas A&M University Summer 2022

Association for Christians in Student Development Research Grant \$500.00
Sportsmanship in the Stands: Assessing Important Christian Character Traits among College Sports Fans Fall 2017
 Baylor University

Student Travel Grant \$299.50
Texas Oral History Association: Annual meeting presenter and attendee Fall 2017
 Tarleton State University

Institute of Oral History Research Fellowship \$750.00
An Internal Look into the Baylor Bear Program Fall 2014
 Baylor University

In-Review Proposals

Co-Lead: Education & Workforce Development (0.33 mo/yr) \$20,000,000
NSF-AI Institute: Artificial Institute to FORge Understanding of Disorder and entropy (AI-FOUNDRY; PI Arroyave) (in review)
 Texas A&M University

Co-PI (1.0 mo/yr) \$2,191,355
NIH-T32 Renewal, Diverse Predoctoral Training in Genetics (PI Adelman) (in review)
 Texas A&M University

Unawarded Proposals

Co-Lead: Education & Workforce Development January 2023
NSF: Science and Technology Center (STC) Grant: Center for Mathematical, Molecular, and Materials Foundations of Complementary Intelligence (CMCI). \$30,000,000
 PI Banerjee (Texas A&M University) (finalist, not funded)

Evaluation Co-Lead March 2022
NSF: SCIPe Grant: Building a Cyberinfrastructure Professional Network for Minority Serving Institutions \$5,000
 PI Chakravorty (Texas A&M University) (not funded)

Proposal contributor/Faculty Development Consultant May 2022
AMA Innovation Grant; Integrating diversity, equity, inclusion, and antibias into undergraduate medical education (IDEIA-UME): An interinstitutional implementation science collaboration project utilizing a health equity framework. (not funded)
 PI Delair (University of Nebraska)
 Co-PI Murray (Texas A&M University)

Co-PI September 2021
NSF-DGE-NRT, Enabling AI on the fly (PI Banerjee) \$3,000,000

Texas A&M University	(not funded)
Proposal contributor <i>PD Hub, Interdisciplinary intellectual community: A primer for adaptable careers</i> (PI Zimmer) Texas A&M University	October 2021 (not funded)
Proposal contributor/TDEM coordinator <i>DOD-NDEP, Establishing a Transformational Model for Interdisciplinary STEM Education in Materials and Manufacturing</i> Texas A&M University	\$1,999,998 December 2020 (not funded)
Co-PI <i>NSF-DGE-IGE, Innovation Mind and skill sets for Performance Acceleration in Complex Technology Research and Development (IMPACT R&D)</i> TEES/Texas A&M University	\$499,868 September 2019 (not funded)
Co-PI <i>Spencer, Centers for teaching and learning at research-intensive universities: A league of their own?</i> Dean of Faculties, Texas A&M University	\$49,761.00 July 2019 (not funded)
Proposal contributor/Professional Skills Developer <i>NSF-NRT, Preparing workforce for the future of work at the human-technology frontier in infrastructure manufacturing</i> TEES/Texas A&M University	\$3,000,000.00 February 2019 (not funded)
Senior Personnel/Professional Skills Developer <i>NSF-IGE, Preparing STEM PhDs for a diverse workforce</i> TEES/Texas A&M University	\$499,381 September 2018 (not funded)
Undergraduate Research and Scholarly Achievement Grant <i>Maximizing Visitor Impact and Informal Education: More than a Mascot</i> Baylor University	\$5,000.00 Spring 2018 (not funded)

LEADERSHIP

Advisory Board Member International Mentoring Association (IMA)	June 2024-current
University Staff Council Elected Officer & Member Texas A&M University	March 2023-current
<ul style="list-style-type: none"> • Represent and advocate for the Office of the Provost professional staff members • Elected Officer position (Secretary, 2024-2025) • Contribute to University Staff Council ongoing and emergent projects and teams: <ul style="list-style-type: none"> ○ Community Engagement and Respect in the Workplace Committee, Chair ○ Branch Campus Committee, Co-Chair ○ Communications and Outreach Committee, Member 	
Advisory Board Member <i>Texas Oral History Association (TOHA)</i>	January 2021-current

- Participate in TOHA activities, including annual conference plus special and Board meetings
- Contribute to TOHA vision through leadership and involvement on projects
- Contribute new ideas to advance TOHA's relevancy

TAMU Mentoring Academy Co-Lead

November 2019-current

Faculty Affairs/Office of the Dean of Faculties and Center for Teaching Excellence

Texas A&M University

- Promote a culture of mentoring within and across Texas A&M University
- Coordinate Entering Mentoring Facilitator training for thirty-two faculty members
- Create and implement the Faculty Mentoring Academy, using Entering Mentoring case studies and curriculum
- Co-facilitate Faculty Mentoring Academy sessions
- Develop institutional collaborations among faculty and units
- Serve as institutional primary liaison with Center for the Improvement of Mentoring Experiences in Research (CIMER), including program assessment
- Form and maintain institutional collaborations, such as Division of Research and the Graduate and Professional School
- Assist in the formalization of department and college mentoring plans
- Develop educational research and dissemination plan
- Seek external funding

Program (Re)Design Facilitator

2020-current

Center for Teaching Excellence

Texas A&M University

- Facilitate Program (Re)Design (PRD) curricular change process across 12-18 months
- Bi-weekly sessions with participating program (re)design committee (n=~10-15)
- Facilitate evidence-based, faculty-driven curriculum change at the graduate program level, including doctorate in Poultry Sciences, Bachelor of Landscape Architecture, and Master of Landscape Architecture
- Lead the CTE facilitation team (n=~3)
- Support the Office of the Provost processes for New Academic Program proposals

Generative AI Working Team Member

August 2023-
Summer 2024

Center for Teaching Excellence

Texas A&M University

- Contribute to university-wide planning and implementation
- Facilitate "Teaching with AI" as professional development program
- Review and revise AI-specific resources
- Participate and coordinate educational development programming

CHIPS and Science Act Task Force, Member

January 2023-August 2023

Texas A&M University & Texas A&M University System

- Coordinate a university-wide strategy for responding to opportunities presented by the CHIPS and Science Act
- Facilitate communication across the university
- Document Texas A&M's strengths, capacity, and capabilities in relation to the CHIPS and Science Act
- Design and implement workshops to enhance collaborations

University Staff Council

March 2023-current

Texas A&M University

Data-Enabled Discovery and Design of Energy Materials (D3EM) Project Team

August 2018-August 2022

NSF-DGE-1545403

Texas A&M University

- Assist with implementation of the educational components, at program and cohort level
- Promote interdisciplinarity across faculty and students
- Supervise one to two graduate assistant non-teaching students
- Oversee learning, writing, and mentoring communities
- Develop and disseminate research and program findings

Inclusive Teaching Faculty Fellow Program

Nov. 2020-Jan. 2021

Office of the Dean of Faculties and Center for Teaching Excellence

Texas A&M University

- Bi-weekly community of scholar sessions with participating faculty ($n=19$)
- Completion of Columbia University's MOOC Inclusive Teaching: Supporting All Students in the Classroom
- Consult with faculty for course (re)design, implementation of strategies, and scholarship of teaching and learning

NASH-ACUE: Effective Teaching Practices Course Facilitator

May 2020-August 2021

Office of the Dean of Faculties and Center for Teaching Excellence

Texas A&M University

- Course facilitator for flagship campus, as part of the National Association of System Heads with the Association of College and University Educators (NASH-ACUE)
- Faculty participate in Effective Teaching Practices Course, including online discussion, implementation, and reflection
- Facilitate summary discussions
- Conduct program evaluation and assessment

Project Management Team Member

September 2018-June 2019

21st Century Classroom Building

Texas A&M University

- Create and implement all aspects of faculty development plan
- 21CCB Taskforce member
- Manage \$175,000 budget
- Research best practices for teaching in new learning spaces
- Collaborate with a wide scope of academic leaders and faculty across the university

Professional Development Chair

April 2019-June 2019

Postdoctoral Association

Texas A&M University

- Plan professional development sessions for Texas A&M University postdocs
- Advocate and collaborate with university administration
- Team leader for three other postdocs

Staff Council

May 2015-May 2018

Baylor University

- Appointed to Executive Leadership Committee as Chaplain for 2017-2018
- Striving to Enhance Personal Performance (STEPP) Committee
- Website Committee University Calendar Committee
- University Staff Grievance Committee
- Outstanding Staff Committee
- Staff Ombudsman Ad Hoc Committee

Baylor Line Camp Director

Summer 2013-Summer 2017

Baylor University

- Oversee operations and risk management for week-long program
- Develop leadership curriculum for student leaders of incoming students
- Create a welcoming environment for new students

Christian Leadership Institute Co-Director

Summer 2009-Summer 2015

Baylor University

- Oversee operations for week-long institute of incoming high school seniors
- Develop and contribute to leadership curriculum and student leader training

SERVICE

Scholarly Service

Open Peer Review on Qeios
Peer reviewer

2019-current
Summer, Fall
2023

Journal of Statistics and Data Science Education
Peer reviewer

Summer 2023

Innovations in Education and Training International, special issue on 'International Developments in Doctoral Education'
Peer reviewer

Spring 2023

Dr. Fernanda De Mello Costa
Clinical Assistant Professor – Physiology
Mentorship Committee member

October 2022-
December 2022

Postdoctoral Research Symposium (Texas A&M University)
Judge

September 2022,
September 2023

Conference planning and operations committee member
International Science of Team Science (INSciTS)

Summer 2022

PLOS One
Manuscript reviewer

2022

Conference abstract reviewer
International Science of Team Science (INSciTS)

2022

Chronicle of Mentoring and Coaching
Conference manuscript peer reviewer
Mentoring Institute
University of New Mexico

2022-current

Studies of Graduate and Professional Studies

2019-current

Patterson, C.A.

September 2024

22

Manuscript reviewer

Student Activities Leadership Curriculum Advisory Board 2019-2021
Member
Texas A&M University

International Conference of the Learning Sciences 2019-2021
Abstract reviewer

Team Science Special Interest Group (SIG) June 2019-current

International Network for the Science of Team Science

- Education and Training Group member
- Assessment & Evaluation Working Group member
- INTEREACH professional development program participant

3-Minute Thesis Judge Fall 2019, 2021, 2022

Texas A&M University

- Observe and listen to masters and doctoral students share their research
- Complete scoring rubric
- Offer feedback to students

Student Organization Advising 2012-August 2018

Baylor University

- Chamber of Commerce
 - Student recruitment, leadership development, organizational behavior, and risk management
 - All-University programming such as Homecoming, Family Weekend, Baylor Line, and Diadeloso
- Club Golf
 - Student travel and leadership development
 - Organizational behavior and risk management

Fundraising 2013-current

- Texas A&M University
 - Support advancement initiatives at the Center for Teaching Excellence
- Baylor University
 - Baylor University Bear Program Centennial, Gala Steering Committee
 - Endowed Scholarship Steering Committee, *Betsy Willis Endowed Scholarship*

Community Service 2010-2018

Waco, TX

- American Red Cross Heart Walk Volunteer
- Zumba for West Volunteer
- Waco Community Health Fair Volunteer
- Cottonwood Creek Golf Course Advisory Board Member
- Waco Walks Tour Guide
- GEAR-UP Partner, "Amazing Race to College"
 - Collaboration between Baylor University, McLennan Community College, and Texas State Technical College to provide high-school students a college-fair showcasing of higher education in McLennan County

Campus Service 2009-current

- | | |
|--|--------------|
| Texas A&M University | 2018-current |
| <ul style="list-style-type: none"> • Invited Speaker <ul style="list-style-type: none"> ◦ Formally invited to be guest speaker on faculty development topics (i.e., program design, mentoring, higher education change) for over twenty occasions, including at institutional, college/school, and department level • University Staff Council, Member • CHIPS and Science Act Task Force, Member • Graduate Mentoring Task Force, Ex Officio Member • Responsible Conduct of Research Task Force, Member • CHIPS & Science Act Task Force, Member • University Staff Council, Member | |
| Baylor University | 2009-2018 |
| <ul style="list-style-type: none"> • Invited Speaker <ul style="list-style-type: none"> ◦ Formally invited to be guest speaker for over 75 occasions, including at all-university events and campus programs, such as Homecoming, New Staff Orientation, Family Weekend, and other campus or student programming • Alcohol Awareness Work-Team Member • HED 1145 Physical Assessment Day Host • Residence Hall Faculty Partner • Hiring Committee Member <ul style="list-style-type: none"> ◦ Sr. Intramural Coordinator, Campus Recreation ◦ Nurse, Health Center | |

MEMBERSHIP

- | | |
|--|--------------|
| International Mentoring Association (IMA)
Member | 2023-current |
| Mentoring Institute, University of New Mexico
Member | 2021-current |
| International Network for the Science of Team Science (INSciTS)
Member | 2021-current |
| Texas Oral History Association
<i>Member, Advisory Board</i> | 2017-current |
| Christian Society of Kinesiology, Leisure, and Sport Studies
<i>Member</i> | 2017-current |
| POD Network
<i>Member</i> | 2020-2021 |
| National Postdoctoral Association
<i>Member</i> | 2018-2023 |
| Association for Christians in Student Development
<i>Member</i> | 2017-2018 |
| American CPR
<i>Certified First Aid and CPR Instructor</i> | 2011-2018 |

AWARDS AND HONORS

Keynote speaker Mentoring Institute University of New Mexico	October 2024
Traditions of Excellence Award Office of the Provost and Vice-President for Academic Affairs <i>Texas A&M University</i>	May 2023
Certificate of Achievement CyberAmbassador: Communication, Teamwork and Leadership <i>Michigan State University and NSF #1730137</i>	May 2023
GENEious Partner Excellence Award Interdisciplinarity Graduate Program in Genetics and Genomics, <i>Texas A&M University</i>	June 2022
Certificate of Achievement Multicultural Mentoring, <i>University of Florida/International Mentoring Association</i>	March 2022
Associate Certificate MOOC: Introduction to evidence based undergraduate STEM teaching, <i>Center for Integration of Research, Teaching, and Learning</i>	February 2020
NIRSA Foundation President's Award for Outstanding Writing National Intramural Recreation Sports Association Shaikh, H. M., Patterson, M. S., Lanning, B., Umstatted Meyer, M. R., & Patterson, C. A. (2018). Assessing college students' use of campus recreation facilities through individual and environmental factors. <i>Recreational Sports Journal</i> . 42(2). doi: 10.1123/rsj.2017-0033	January 2019
Torchbearer Award Division of Student Life, <i>Baylor University</i>	2013-2014
'BaylorPlus Salute' for Outstanding Service Department of Human Resources, <i>Baylor University</i>	Spring 2009
Full Scholarship/Assistantship for M.S.Ed. in Educational Administration Baylor University	2005-2007
Excellence in Student Involvement Award Baylor University	2004
President's Scholarship Award Baylor University	2001-2005

PROFESSIONAL DEVELOPMENT

Microsoft AI Briefing	Microsoft & Center for Teaching Excellence	September 2024
MOOC - Inclusive Teaching: Supporting All Students in the College Classroom	Columbia University and EdX	Spring 2021
Team Science: Learn to Perform Trans-disciplinary, team-based translational research	Northwestern University and Coalesce	Winter 2020-2021
Enabling Interdisciplinary and Team Science: A Professional Development Program from AIBS	<i>American Institute of Biological Sciences (AIBS)</i>	April 2020
Meyers-Briggs Personality Type Session	<i>Learning and Organizational Development (Texas A&M University)</i>	February 2020
Entering Mentoring Facilitator Training	<i>Center for Improvement of Mentored Experiences in Research</i>	November 2019
Entering Mentoring Facilitator Training	<i>Center for Improvement of Mentored Experiences in Research (CIMER)</i>	October 2019
Institute for New Faculty Developers	<i>POD Network</i>	July-August 2019
MOOC: Introduction to evidence based undergraduate STEM teaching	<i>Center for Research, Teaching, and Learning; Texas A&M University</i>	June 2019-current
TAMIDS Workshop on Data Science/AI/ML in Education	<i>Texas A&M University</i>	April 2019
How Trello Can Transform Your Life as an Academic	<i>Textbook Authors Association (TAA)</i>	March 2019
Worcester Polytechnic Institute: Project-Based Learning Workshop	<i>Texas A&M University</i>	August 2018
Division of Student Life Development Sessions	<i>Baylor University</i>	2008-Spring 2018
Education in Washington D.C. Institute	<i>Tarleton State University</i>	July 2017

Diversity in Education Institute	<i>Tarleton State University</i>	June 2016
Fitness Alliance Summit of Texas Roundtable	<i>Baylor University</i>	Summer 2015
Lions, Tigers, and Bears Symposium	<i>United States Department of Agriculture</i>	Summer 2014
Gallup Strengths Finder: Great Leader Program	<i>Baylor University</i>	Fall 2012

RESEARCH INTERESTS

Higher Education	Team Science
Organizational Development and Change	Workforce development
Mentorship	Teaching and learning
Interdisciplinarity	Oral History
Transformative Doctoral Education Model (TDEM)	Student Affairs