

Dr. Kelly Kathleen Feille

Assistant Professor
Instructional Leadership and Academic Curriculum

820 Van Vleet Oval, Room 114 • Norman, OK 73019
Phone: 817-405-1498 • E-Mail: feille@ou.edu

Areas of Expertise

Elementary Science Education, Science Teacher Development, Schoolyard Pedagogy
Qualitative Research Methodology, Narrative Inquiry

Education

B.A. **Texas State University (San Marcos)**. 2003. Philosophy, Mathematics Minor.
Ph.D. **Texas Christian University**. May 2014. Science Education.

Professional Experience

2017-Present *Assistant Professor*. Instructional Leadership and Academic Curriculum, Jeannine Rainbolt College of Education. University of Oklahoma. Norman, OK

2014-2017 *Senior Lecturer*. Teacher Education and Administration, College of Education. University of North Texas. Denton, TX

2012-2014 *Technical Assistant*. Teacher Quality. Texas Christian University. Fort Worth, TX

2011-2014 *Research Assistant*. Texas Christian University. Fort Worth, TX.
 Teacher Quality Evaluation Management Team (Member)

2012, 2013 *Adjunct Professor*. Texas Christian University. Fort Worth, TX.
 EDEC 20013 Fall, 2013 & Spring, 2012

2010-2011 *Outdoor Inquiry Specialist*. East Fort Worth Montessori Academy. Fort Worth, TX.
 Design K-5 science curriculum and facilitate outdoor, science instruction

2005-2010 *Teacher* (Science, Mathematics, Social Studies). Rosemont Sixth Grade Academy, FWISD, Fort Worth, TX.
 2009-2010 Science Department Chair
 2008-2010 Team Leader
 2008-2009 Fort Worth ISD Curriculum Writing Team Leader, Grade 6
 2006-2008 Fort Worth ISD Cadre of Middle School Science Trainers

Publications and Presentations

Manuscripts in Refereed Journals

International/National

Feille, K., & Hathcock, S. (In Press). Schoolyard Pedagogy: Engaging Preservice Teachers in Outdoor Learning Experiences. *Innovations in Science Teacher Education*. (Double-Blind Peer Review)

Feille, K., Wildes, A.*, Pyle, J.^, Marshall, J.^ (In Press). Inspiring Young Minds with an Elementary Engineering Fair. *Science and Children* (Double-Blind Peer Review)

- Feille, K.,** Stewart, M., Nettles, J., Weinburgh, M. (Accepted). Like the kids do: Engineering design in middle-school science teacher professional development. *Electronic Journal for Research in Science and Mathematics Education*
- Pfeifer-Johnson, L.*, Soreghan, M., **Feille, K.**, Soreghan, G., Weissmann, G., Ibarra, R., & Stroud, A. (2020) Activation of context diversity concepts in a field-based program for non-traditional students. *Journal of Geoscience Education*. <https://doi.org/10.1080/10899995.2020.1838850> (Impact Factor: 1.01, Double-Blind Peer Review)
- Feille, K.,** & Shaffery, H. (2020). Apprehension to application: How a family science night can support pre-service elementary teacher preparation. *Innovations in Science Teacher Education*. 5 (3). (Double-Blind Peer Review)
- Feille, K.,** & Nettles, J. (2019). Permission as support: Teacher perceptions of schoolyard pedagogy. *Electronic Journal of Science Education*. 23 (3). (Acceptance rate: 20-22%, Double-Blind Peer Review)
- Feille, K.,** (2019). A framework of schoolyard pedagogy development. *Research in Science Education*. Online first. <https://doi.org/10.1007/s11165-019-9860-x> (Impact factor: 1.382, Double-Blind Peer Review)
- Feille, K.,** Nettles, J., Weinburgh, M. (2018). Silhouettes of development: A tool for understanding the needs and growth of teachers. *Journal of Science Teacher Education*. 29 (1), 30-45. (Impact factor: 1.67, Double-Blind Peer Review).
- Young, J. L., **Feille, K. K.,** & Young, J. R. (2017). Black Girls as Learners and Doers of Science: A Single-Group Summary of Elementary Science Achievement. *Electronic Journal of Science Education*, 21(2). (Acceptance rate: 20-22%, Double-Blind Peer Review)
- Feille, K.,** Nettles, J., & Weinburgh, M. (2017). Water, water everywhere! But is it clean to drink? Applying Engineering Design to the Challenge of Water Purification. *Science Scope*, 40(6), 50-57. (Double-Blind Peer Review)
- Feille, K.** (2017). Teaching in the field: What teacher professional life histories tell about how they learn to teach in the outdoor learning environment. *Research in Science Education*, 47(3), 603-620. doi:10.1007/s11165-016-9519-9 (Impact factor: 1.329, Double-Blind Peer Review)
- Bloom, M., Quebec Fuentes, S., **Feille, K.,** Holden, M. (2015). Exploring the politics and sustainability of energy production: A professional development program for science teachers. *Journal of Sustainability Education*. January, 2015: Energy Education. (Double-Blind Peer Review)
- Feille, K.** (2013) Getting outside: Three teachers' stories of using the schoolyard as an integrated tool for elementary teaching. *Electronic Journal of Science Education*. 17(3)2013. (Acceptance rate: 20-22%, Double-Blind Peer Review)

Conference Proceedings (Refereed)

International/National

- Feille, K. (Accepted) *Teacher perceptions of schoolyard pedagogy: Opportunities and constraints*. Proceedings from Proceedings of the 117th annual convention of the School Science and Mathematics Association, Little Rock, AR. (Peer Reviewed)
- Bloom, M., Quebec-Fuentes, S., **Feille, K.** (2014). Depoliticizing the environmental impact of energy production: A professional development experience for science teachers. In M. J. Mohr-Schroeder, & S. S. Harkness (Eds.), *Proceedings of the 113th annual convention of the School Science and Mathematics Association* (Vol. 1). Jacksonville, FL: SSMA. (Acceptance rate: 65%, Peer Reviewed)

Chapters in Edited Books

- Feille, K (In press). Uranus has rings: Stepping into the child-like joy of science. In *Teach Science with a Sense of Humor: Why (and How to) Be a Funnier and More Effective Science Teacher and Laugh All the Way to your Classroom*. ISBN 978-1-925128-04-8

Bloom, M., Fuentes, S. Q., Holden, M., & **Feille, K.** (2015). Navigating the Environmental Politics of Energy Production: Using Mathematical Modeling as a Tool for Educating Science Teachers for Sustainability. In *Educating Science Teachers for Sustainability* (pp. 275-294). Springer International Publishing.

Other

Feille, K. K., Nettles, J. (2018). "Watch Your Watershed." *Watershed Workshops: Andrews Institute of Mathematics and Science Education*, Texas Christian University. Fort Worth, TX: <http://andrewsinstitute.tcu.edu/wp-content/uploads/2018/01/Watch-Your-Watershed-1.0.pdf>

Feille, K. K., Nettles, J. (2018). "Watershed Rescue." *Watershed Workshops: Andrews Institute of Mathematics and Science Education*, Texas Christian University. Fort Worth, TX: <http://andrewsinstitute.tcu.edu/wp-content/uploads/2018/01/Watershed-Rescue-Curriculum-1.0.pdf>

Feille, K. K., Nettles, J. (2018). "Diving Deeper." *Watershed Workshops: Andrews Institute of Mathematics and Science Education*, Texas Christian University. Fort Worth, TX: <http://andrewsinstitute.tcu.edu/wp-content/uploads/2018/01/Diving-Deeper-Curriculum-1.0.pdf>

Feille, K. K., Nettles, J., Stewart, M. (2018). "Watershed Preparedness." *Watershed Workshops: Andrews Institute of Mathematics and Science Education*, Texas Christian University. Fort Worth, TX: <http://andrewsinstitute.tcu.edu/wp-content/uploads/2018/01/Watershed-Preparedness-Curriculum-1.0.pdf>

Dissertation

Feille, K. (2014). Investigating the professional life history of upper elementary teachers who successfully facilitate effective science teaching both within the classroom and in the outdoor learning environment. Texas Christian University

Manuscripts in Draft or Revision

Feille, K., (In Review). Beyond the classroom: Advancing preservice teacher's pedagogy to include out-of-classroom learning experiences. *School Science and Mathematics*.

Feille, K., Nettles, J., Stewart, M (In Revision). Call to action: Student development of emergency response plans.

Feille, K., Nettles, J., Stewart, M. (In Draft). Understanding Elementary Students' Perceptions of Science.

Feille, K., Wildes, A., Pyle, J.^, Marshall, J^. (In Draft). It's not a perfect thing: Facilitating an independent engineering fair with fifth grade students.

Feille, K., (In Draft). Talking about myself: What we can learn from pre-service elementary teachers' science autobiographies.

* Indicates graduate student

^ Indicates in-service teacher

Paper Presentations

International

Feille, K., Hathcock, S. (November 2020). Preservice Teachers' Representations of Using the Schoolyard to Teach. *School Science and Mathematics Association Convention*. Virtual Convention.

Feille, K., Wildes, A.* (March 2020 – Cancelled due to COVID 19). How an Independent Engineering Fair Project Can Affect Student Perceptions of Science. *National Association of Research in Science Teaching Annual Conference*. Portland, OR. <http://kellyfeille.oucreate.com/research-and-writing/narst-2020/>

Feille, K., Hathcock, S. (January 2020). Schoolyard Pedagogy: Engaging Preservice Teachers in Outdoor Learning Experiences. *Association for Science Teacher Education*. San Antonio, TX

Feille, K., Shaffery, H.* (November 2019). Tonight we're all Bill Nye: Science nights as support for pre-service teachers. *School Science and Mathematics Association Convention*. Salt Lake City, UT

- Feille, K.** (April 2019). I'd rather be outside: Schoolyard pedagogy development for elementary science teachers. *American Educational Research Association*. Toronto, ON Canada
- Feille, K.,** Hathcock, S., Klein, B. (January 2019). Developing Schoolyard Pedagogy in Preservice Elementary Teachers: A Look at Three Institutions. *Association for Science Teacher Education*. Savannah, GA
- Nettles, J., **Feille, K.,** Stewart, M. (October 2018). Informal Summer Science Workshops and Student Perceptions of Science. *School Science and Mathematics Association Convention*. Little Rock, AR
- Feille, K.** (October 2018). Schoolyard Pedagogy: Teacher Perceptions and Self-Report. *School Science and Mathematics Association Convention*. Little Rock, AR
- Feille, K.** (January 2018). Beyond the classroom: Advancing preservice teacher's pedagogy to include out-of-classroom learning experiences. *Association for Science Teacher Education*. Baltimore, MD
- Feille, K.** (January 2015). Teaching in the field: What teacher professional life histories tell about how they learn to teach in the outdoor learning environment. *Association for Science Teacher Education*. Portland, OR.
- Nettles, J., **Feille, K.,** Weinburgh, M. (January 2015). Reflection writing: A tool for understanding teacher's perspectives on long term professional development. *Association for Science Teacher Education*. Portland, OR.
- Bloom, M., Quebec-Fuentes, S., **Feille, K.** (2014). Depoliticizing the environmental impact of energy production: A professional development experience for science teachers. *113th Annual Convention of the School Science and Mathematics Association*. Jacksonville, FL.
- Calderon, F., **Feille, K.,** O'Donald, K., Powers, T., & Reynolds, S. (April, 2013) Curriculum of the South-West. *Annual Conference of the American Educational Research Association*. San Francisco, CA.
- Feille, K.** (March, 2013). Getting Outside: Three teachers' stories of using the schoolyard as an integrated tool for elementary teaching. *National Association of Research in Science Teaching Annual Conference*. Rio Grande, Puerto Rico.
- Feille, K.** (February 2013). Using teachers' stories to research the use of schoolyard as a tool for elementary teaching. *International Conference of the Outdoor Learning Environment*. Israel.
- Regional**
- Feille, K.,** Hathcock, S. (October 2019). Schoolyard pedagogy: Engaging preservice teachers in outdoor learning experiences. *Southwest Association for Science Teacher Education*
- Hathcock, S., **Feille, K.** (June, 2019) Creative teaching through schoolyard pedagogy. *Oklahoma Science Teachers Association Summer Conference*. Tulsa, OK.
- Hathcock, S., **Feille, K.** (February, 2019) Nature journaling: Promoting creative teaching in the Schoolyard. *Oklahoma Association for the Gifted, Creative, and Talented*. Edmond, OK.
- Feille, K.,** Leggate, A (October 2017). Talking about myself: What we can learn from pre-service elementary teachers' science autobiographies. *Southwest Association for Science Teacher Education*. Waco, TX.
- Laubach, T., **Feille, K.,** (October 2017). Engaging a college-wide community in an authentic scientific phenomenon: The 2017 Great American Solar Eclipse at the University of Oklahoma. *Southwest Association for Science Teacher Education*. Waco, TX.
- Feille, K.,** Nettles, J (October 2016). EQUIPPing Pre-Service Teachers *Southwest Association for Science Teacher Education*. Tyler, TX.
- Feille, K.,** Nettles, J (October, 2014). Citizen Science: It's contagious! *Southwest Association for Science Teacher Education*. Emporia, KS.

Feille, K., (October, 2013). How does your garden grow? A quantitative look at garden education partnership and school science scores. *Southwest Association for Science Teacher Education*. San Antonio, TX.

Bloom, M. & **Feille, K.** (October, 2011). Presentation of Ongoing Research: In-service teachers' understandings of energy. *Southwest Association for Science Teacher Education*. Lubbock, TX.

Feille, K. (October 2011). Round table discussion: Investigating teachers and school garden use. *Southwest Association for Science Teacher Education*. Lubbock, TX.

Presentations (Invited)

Feille, K. (2014). *Nature Deficit Disorder Community Forum*. Sponsored by Phi Theta Kappa, Tarrant County College, Northeast Campus.

Professional Development

Engaging Students with Big Ideas in Science (2020). KEY Conference, University of Oklahoma

Nature Journaling: Promoting Creative Teaching in the Schoolyard (2019). KEY Conference, University of Oklahoma

Some like it hot! (2017). iPadapaloozaOU, University of Oklahoma

Communities of practice in environmental science (2016). Andrews Institute of Mathematics and Science Education, Texas Christian University

Research and Creative Activities in Progress

"Nature Journaling and Elementary Science Education" (On-Going). (Aug 2019 – Present)

"Elementary Engineering Fair" (Data analysis). (May 2019 – Present)

"Methods Course Interventions and Outdoor Teaching" (On-Going). (2018 - Present).

"Schoolyard Pedagogy" (On-Going). (2017 - Present).

"Pre-service elementary teachers' science identities" (On-Going). (2017 - Present).

"Citizen Science in Grades 3-8" (On-Going). (2014 - Present).

External Funding

PI: Gerilyn Soreghan, CoPI: **Kelly Feille**

National Science Foundation. "Probing the effects of equatorial volcanism on the late Paleozoic icehouse"

\$ 363,741 In Review

PI: **Kelly Feille**, CoPI: Stephanie Hathcock

Spencer Foundation Small Grants: Education. Nature Journaling in 3D: Supporting Standards Based Science Instruction

\$49,801 Not funded

September 2020- PI: **Kelly Feille**, CoPI: Kate Raymond

May 2021 **Building Oklahoma Networks of Educators of STEM (BONESTEM)**

\$5000 Funded

PI: Shannon Dulin, CoPIs: **Kelly Feille**, Elinor Martin, Kato Dee

National Science Foundation. "**GP-IN: BRIDGE—Building Resources for Inclusion and Development in Geoscience Education**" **\$331,759.00** Not funded

- February – June 2020 PI: Richard Zamor, **Kelly Feille**, sub-contractor curriculum development. Environmental Protection Agency Environmental Education Grant. “Guard the Grand Community” **\$100,000** Funded
- March 2020- June 2021 PI: Julie Angle, **Kelly Feille**, contracted researcher
President Fellow’s Faculty Research Award, Oklahoma State University “Expedition Yellowstone: A Placed-Based Education Experience.” **\$20,000** Funded
PI: Mashad Fahes, Co-PI: **Kelly Feille** and Janette Habashi. “Coding as play in early childhood education: Diversifying the STEM Pipeline” **\$55,000** Not funded
- April 2016-May 2017 PI: Molly Weinburgh, **Kelly Feille**, primary content/pedagogy instructor
Texas Higher Education Coordinating Board, Teacher Quality Enhancement. “Communities of practice in environmental science.” **\$230,000.00** Funded

Internal Funding

- PI: **Kelly Feille**, CoPI: Kristen Shelton*
Academic Research and Creative Activity Enterprise Rapid Response Seed Grant Opportunity. The International STEM Collection Database
\$15,171 Not funded
- 2019 Faculty Research and Travel Award. SWASTE. Fayetteville, AR \$850
- 2019 Faculty Research and Travel Award. AERA. Toronto, ON CA \$1450
- 2018 Faculty Research and Travel Award. SSMA. Little Rock, AR. \$700
- 2018 Faculty Research and Travel Award. ASTE. Baltimore, MD \$650
- 2017 Faculty Research and Travel Award. SWASTE. Waco, TX. \$315
- 2014 Graduate Student Senate Graduate Student Research Grant. ASTE. San Antonio, TX. \$500
- 2013 Graduate Student Travel Grant. SWASTE. San Antonio, TX. \$400
- 2013 Graduate Student Senate Graduate Student Research Grant. AERA San Francisco, CA. \$500
- 2013 Andrews Institute of Mathematics and Science Travel Grant. NARST. Rio Grande, Puerto Rico. \$600
- 2013 Graduate Student Travel Grant. ICOLE. Israel. \$600
- 2013 Andrews Institute of Mathematics and Science Travel Grant. ICOLE. Israel. \$800

* Indicates graduate student

^ Indicates in-service teacher

Journal Activities

Associate Editor

Journal: Electronic Journal for Research in Science and Mathematics Education, 2020–present

Editorial Review Board

Journal: *Innovations in Science Teacher Education*, 2019–2022

Reviewer

Journal: *Journal of Science Teacher Education*, 2019–present

Book: *Pedagogical Content Knowledge in STEM: Research to Practice*

Journal: *Educational Researcher*, 2018–Present

Journal: *Science Education*, 2018-Present
Journal: *School Science and Mathematics*, 2018-present
Journal: *Electronic Journal of Science Education*, 2014-present
Journal: *Leisure/Loisir*, 2016 (Invited)
Journal: *Journal of Action Teacher Research*, 2016-present

Awards and Honors

2020 Instructional Leadership and Academic Curriculum Teaching and Advising Award
2020 Jane and John Kenney Endowed Education Faculty Fellow
2010-2014 Andrews Scholar *Texas Christian University*
2006 Wendy Owsley Garrett Science Teacher Award. *Botanical Research Institute of Texas*

Membership in Professional Organizations

National/International

2017-Present School Science and Mathematics Association
2020-2023 Policy Committee
2018-Present Reviewer
2014-Present National Science Teachers Association
2011-Present National Association of Research in Science Teaching
2018 Reviewer, Strand 7
2015 Reviewer, Strands 3, 7
2014 Reviewer, Strand 4
2013 Presenter
2010-Present Association for Science Teacher Education
2018-Present Awards Committee
2016-Present Regional Director (Southwest Region)
2015-Present Reviewer, Strand 5
2014 A/V Assistant
2012-Present American Educational Research Association

Regional

2010-Present Southwest Association for Science Teacher Education
2018 Conference Co-chair
2016-2017 Past President
2015-2016 President, Conference Host
2014-2015 President Elect
2013-2014 Board Member, Secretary
2011, 2013, 2014 Presenter
2010, 2011, 2013 Conference Participant

Professional Certifications

2006-Present Texas Educator Certificate, Generalist Grades 4-8

Teaching Experience

Undergraduate

University of Oklahoma

EDUC 4060 Teaching Experiences in the Secondary School

EDSC 4/5533 Advanced Methods for Secondary Science Education

EDSC 4193 Teaching Science-Elementary Schools

EDSC 4093 Inquiry Based Science Teaching

University of North Texas

EDEE 4330 Science Methods for Elementary Teachers

EDEE 4890 Inquiry into Teaching

Cadre Coordinator (EMSISD)

Cadre Coordinator (LISD)

Texas Christian University

EDEC 20013 Science for Elementary Teachers

Graduate

EDSC 5523 The Science of Learning Theories

EDSC 5543 Elementary Science Curriculum

ILAC 5143 Educational Theory and Research

Graduate Students Advised

Dissertation Committee Chair

Tiffany Neill (In progress)

Heather Shaffery (In progress)

Dissertation Committee Member

Trey Lee (In progress) Dr. Tom Neeson, Chair (PhD, Geography and Environmental Sustainability)

Alicia Bonar (In progress) Dr. Lynn Soreghan, Chair (PhD, Geology)

Diya Tang (In progress) Dr. Tobi Odeleye, Chair (PhD, Chemistry)

Jennie Croslin (In progress) Dr. William Frick, Chair (EdD, Educational Leadership)

Lily Pfeifer-Johnson (In progress) Dr. Lynn Soreghan, Chair (PhD, Geology)

W. Adam Stroud (May 2019) *The story of St. Monica's School of Basic Learning for Women*. Dr. Lawrence Baines, Chair

Eloise Kuehnert (May 2018) *Operationalizing listening-to-question and questioning-to-listen in mathematics teaching*. Dr. Colleen Eddy, Chair (University of North Texas)

Chelsea Allison (December 2017) *Teaching outside the box: Student and teacher perceptions of flexible learning environments outside the 21st century classroom*. Dr. Miriam Ezzani, Chair (University of North Texas)

Thesis Committee Chair

Jeremiah Smith (May 2020) Non-thesis.

Laura Sabatelli (In progress)

Alonna Smith (In progress)

Thesis Committee Member

Khala Vitz (May 2019) Non-thesis. Dr. Tim Laubach, Chair
 Adisson Grant (Dec 2018) Non-thesis. Dr. Tim Laubach, Chair
 Abigail Leggate (May 2018) *The transition of a community of practice to a professional learning community for high school biology teachers: A case study* Dr. Tim Laubach, Chair

Service to the University

Service to the Department

2020 – present	Graduate Faculty Committee	Member
2019 – present	Science Education Program Area Coordinator	
2017-present	Elementary Education Certification Committee	Member
2017	Mathematics Education Search Committee, Instructional Leadership and Academic Curriculum, OU	Member
2016-2017	Admission, Review, and Retention: EC-6 and 4-8 Initial Member Certification Subcommittee, Teacher Education and Administration, UNT	
2016-2017	4-8 Program Coordinator, lead advisor	
2016-2017	Social Committee, TEA, UNT	Chair
2015-2017	Election Judge, TEA, UNT	
2014-2017	Student Affairs: Undergraduate Subcommittee, TEA, UNT	Member
2014-2015	CAEP Diversity and Equity Subcommittee, TEA, UNT	
2014-2017	Diversity and Equity Committee, TEA, UNT	
2014-2017	Cadre Coordinators, TEA, UNT	Lead Instructor

Service to the College

2019 – present	OK Sooners NSTA Student Group	Faculty advisor
2020 – present	Petition Task Force	Member
2019 – present	EPD Executive Committee	Member
2018 – present	EPD	Member
2018 – present	Ethics Committee	Member

Service to the University

2018	Social Sciences Graduate Student Writing Group Facilitator	Invited faculty mentor
2018-2020	Board of Trustees, John Rex Charter Elementary School	University appointed member
2016-2017	Women’s Faculty Network Leadership Team, UNT	

Service to the Community

Curriculum Development

2020 4th Grade Watershed Instructional Sequence for “Guard the Grand Community” in partnership with the Grand River Dam Authority funded by Environmental Protection Agency Environmental Education Grant.

Student Workshops and Community Outreach

2018 Citizen Scientists: Watch your watershed! Grades 3-5
Citizen Scientists: Watershed Rescue Grades 6-8
Citizen Scientists: Diving Deeper Grades 6-9
Citizen Scientists: Watershed Preparedness Grades 6-9
Andrews Institute of Mathematics and Science Education,
Texas Christian University

2017 Citizen Scientists: Watch your watershed! Grades 3-5
Citizen Scientists: Watershed Rescue Grades 6-8
Citizen Scientists: Diving Deeper Grades 6-9
Citizen Scientists: Watershed Preparedness Grades 6-9
Andrews Institute of Mathematics and Science Education,
Texas Christian University

2016 Citizen Scientists: Watch your watershed! Grades 3-5
Citizen Scientists: Watershed Rescue Grades 6-8
Citizen Scientists: Diving Deeper Grades 6-9
Andrews Institute of Mathematics and Science Education,
Texas Christian University

2016-2017 Grapevine/Colleyville ISD STEM Advisory Council

2015 Citizen Scientists: Watch your watershed! Grades 3-5
Citizen Scientists: Watershed Rescue Grades 6-8
Andrews Institute of Mathematics and Science Education,
Texas Christian University

2014 Citizen Scientists: Watch your watershed! Grades 3-5.
Andrews Institute of Mathematics and Science Education,
Texas Christian University.

2012 Journeys: A workshop exploring science in our place.
Grades 3-5. Andrews Institute of Mathematics and Science
Education, Texas Christian University.

Other Professional Activities

Research Experience

2011-2013 Teacher Quality Evaluation Management Team (Member).
Funded by THECB (\$757, 543.⁰⁰)

2012-2013 Curriculum of Place of the South-West. Non-funded.

2010-2014 Pre-service teachers' conception of inquiry in Science and Mathematics. Non-funded.

Conferences Attended (No Research or Teaching Presentation)

Spring 2017 Association for Science Teacher Education, Des Moines, IA
Spring 2016 Association for Science Teacher Education, Reno, NV
Spring 2014 Association for Science Teacher Education, San Antonio, TX
Spring 2012 National Association of Research in Science Teaching, Indianapolis, IN
Spring 2011 Association for Science Teacher Education, Minneapolis, MN

Continuing Professional Development

Spring 2020 Faculty Writing Group OU Writing Center - Invited
Fall 2019 Nature Journaling Conference, Pacific Grove, CA
Spring 2018 Writing your journal article in 12 weeks
Fall 2017 New Faculty Seminars
Fall 2017 Collaborative IRB Training Initiative Basic Web Course
Fall 2017 Coaching as Advising
Fall 2017 Faculty ALLY Training, University of Oklahoma
2014 English Language Proficiency Standards Training, University of North Texas
2013 Graduate Student Grant Writing Workshop, Texas Christian University
2013 5-day Dissertation and Thesis Boot Camp, Texas Christian University
2010 TCU IRB Training, Texas Christian University
2006-2011 Teacher Quality – Texas Christian University