Scholarly & Creative Work

HIGHLIGHTS 2023
Research and scholarship in TLTE are grounded in knowledge and innovation connected to emerging educational challenges and opportunities in curriculum, pedagogy, education policy, technology, and teacher education in Nebraska and around the world. TLTE faculty engage in multi-disciplinary educational approaches across the humanities and the sciences to connect deep learning and inquiry to inform research and practice in schools and educational settings. TLTE’s mission is to expand expertise on teaching and learning through informed practice, engaged research, and purposeful collaboration.

2023 highlights the impactful breadth and depth of TLTE faculty scholarly and creative work.


From idea to paper: Talking through the process. Invited talk as part of Institute of Corpus Studies and Applications two-day symposium for doctoral students at Shanghai International Studies University. Shanghai, China. August 12, 2023.


Catalano, Theresa. (2023, October 28). Studying the Languages of our Students. Presentation given with Lydiah Kanuiri Kiramba, Dan Moran, and Hector Palala as part of Dual Language Workshop given by the Spanish Studies Institute at the University of Nebraska at Omaha, Omaha, NE.

Catalano, Theresa. (2023, August 15). Teaching language using art. Invited presentation and teaching demonstration given as part of the Teaching with Art at Sheldon workshop, Sheldon Museum, University of Nebraska-Lincoln, Lincoln, NE.


Catalano, T.(2023, September 9). What Teachers Should Know about our Multilingual Children. Presentation given with Inoussa Malgoubri, Hadi Pir, and Uma Ganesan at the Language, Migration, and Education conference, University of Nebraska–Lincoln, Lincoln, NE.

Three-year federal Supporting Effective Educator Development (SEED) grant co-administered with Kansas State University. Advisory Board


Exhibit titled “Powerful Fragility” is on display through March 19 at the Morris Graves Museum of Art, 636 F St., Eureka. [https://www.times-standard.com/2023/02/24/powerful-fragility/](https://www.times-standard.com/2023/02/24/powerful-fragility/)

Nancy Engen-Wedin
Lecturer


Engen-Wedin, N. (Nov. 13-17, 2023; Nov. 27-Dec. 1, 2023) We are the Buffalo, and the Buffalo are Us. Extensive arts integration residencies created and held at Santee Community School (Santee, NE) and Omaha Nation School (Macy, NE). With Tsering Choedron, Lisa Drum, Delberta Frazier, Brenda Murphy and Renee Sans Souci.

Indigenous Roots Teacher Education Program Panel, LPS Middle School Conference for American Indian students. (Nov. 9, 2023) With Kristine Earth, Michelle LaMere, Amy LaPointe, Mike Wolfe.

CREATE Summer Institute for Arts Integration - seminar for Nebraska teachers, specifically those those in Title 1 schools or who serve American Indian students. (Crete, Niobrara, Umonhon Nation, LPS) Macy, NE (July, 2023). With Harlan Brownlee, Amy Cordova y Boone, Tammy Meneghini, Glenis Redmond, Joe Wanning.


Emily Fischer
Assistant Professor of Practice


Gatti, L. & Shah, R. (2023, November). Moving Students Beyond “I Want to Teach English Because I Like To Read”: Using Program Coherence to Foster a Political Vision. Individual presentation proposed to NCTE Annual Convention. Columbus, OH.


Co-PI, Project RAÍCES (Re-envisioning Action and Innovation through Community Collaborations for Equity Across Systems). Three-year federal Supporting Effective Educator Development (SEED) grant co-administered with Kansas State University ($5.25 million).

[Human Rights and Humanitarian Affairs] HRHA Teaching Fellow, Forsythe Family Program on Human Rights and Humanitarian Affairs, University of Nebraska-Lincoln. The goal of the HRHA Teaching Fellows Program is to enhance human rights education and research on human rights pedagogy on the UNL campus...[by] develop[ing] or enhance[ing] a course that could be added to our list of classes. ($2500).


Hamann, E. T. (2023). Book presenter (with Juan Sánchez García and Víctor Zúñiga), Lo que los maestros mexicanos conviene que conozcan sobre la educación en Estados Unidos. 6to Congreso Nacional de Investigación sobre Educación Normal. Xalapa, Veracruz, México (participated by sending a pre-recorded video).


Harpster, J. (2023, November). Expanding the Boundaries for Transformational Justice: Coalitions between Educators across the Spaces of Our Shared Work. Roundtable presentation at the National Council of Teachers of English annual convention in Columbus, OH.

Research Council Faculty Seed Grant: Exploring Multidimensional Effects of Pre-service Teachers' Work in Title I Schools. $10,000. January-December 2024.


National Science Foundation, Robert Noyce Teacher Scholarship Program Grant (Track III): Meeting Needs of Diverse Students through Science Teacher Leadership in Nebraska. Elizabeth Lewis (PI), Daniel Claes, Wendy Smith, David Harwood & Gina Matkin (Co-PIs). (NSF Award #2050650; Start Page 7 of 36 date 7/1/21; End date: 6/30/27; $2,916,074 plus $1,426,795 in matching funds).

Midwest Science Engagement Consortium, UNL Grand Challenges Competition, Planning Grant. Mark Griep (PI), Elizabeth Lewis (co-PI), and 18 other UNL faculty co-PIs. (Funded: 7/1/226/30/23, $113,462).

Citizenship-Water Quality Curriculum Project, University of Nebraska Medical Center. Taylor Hamblin (PI), Elizabeth Lewis (co-PI) (Funded: 08/08/2022–06/01/2023, $110,000).

Ice Coring & Education (ICE) Silo, UNL Grand Challenges Catalyst Competition Planning Grant. David Harwood (PI), Elizabeth Lewis (collaborator), and 29 co-PIs and collaborators (7/1/2212/31/23, $149,994).


Understanding Lesson Plan Quality of Teachers to Advance Middle-Grade Mathematics Instruction: A Combined Approach of Computer-Assisted Methods and Human Interactions. Agency: National Science Foundation Category: Research Dates: August 2023 – July 2027 Awarded: $1.5 million (UNL: $205,954) Role: Co-PI (University of Washington: Dr. Min Sun, PI; Duquesne University: Dr. Melissa Boston, Co-PI; University of Maryland: Dr. Jing Liu, Co-PI, Dr. Wei Ai, Co-PI).


Enhancing Early Childhood Educators’ Reflective Practice and Content Knowledge to Increase Children's Capacity for Science Talk. (2023-2026). Funding Agency: National Science Foundation (NSF) DRK-12. $449,918. D. Menon (Co-PI); Hong, S. Y. (PI).


Meeting the Needs of Diverse Students through a Next Generation of Science TeacherLeadership in Nebraska. (2021-2027). Funding Agency: National Science Foundation, NOYCE Track 3. $2,916,074.0. D. Menon (Senior Personnel); B. Lewis (PI).


Haines, S., Wieselmann, J., Menon, D., & Asim, S. (2023, September). What the literature is telling us about elementary preservice & inservice science teaching self-efficacy. Research presentation at the Mid-Atlantic Association for Science Teacher Education. Kingsport, TN.


Amanda Morales
Associate Professor


Morales, A. R., & Martinez, R. (2023, February). Strengthening Teacher Diversification Pathways Through Youth Participatory Action Research (YPAR) and Racial Affinity Groups. Paper accepted for presentation at 2020 annual AACTE Conference in Indianapolis, IN.


Morales, A. R. (2023, April) Our Superpower: Leveraging Our Intersectional and Hybrid Identities to Access Spaces and Impact Change in Ways Others Can’t. Aspiring Diverse Educators Symposium, Lincoln Public Schools.


Ursula Nguyen
Assistant Professor

Grants Funded: External 10/2023 – 12/2026 Title: Project RAÍCES (Re-Envisioning Action and Innovation through Community Collaborations for Equity across Systems) Source: U.S. Department of Education Role: Senior Personnel; (PI: Amanda Morales (UNL) and Socorro Herrera (KSU); Additional Co-PIs: Ted Hamann (UNL), Lauren Gatti (UNL), and Melissa Holmes (KSU)) Total Award Amount: $3,391,044 (Funded)


Nguyen, U. (2023, May 8). Examining the Experiences of Historically Excluded Students in STEM Education. Mathematics Education Doctoral Seminar (MEDS), University of Nebraska-Lincoln. [Virtual Presentation].

Justin Olmanson
Associate Professor


Olmanson, J., Khandan, F., Palala Martinez, H. (2023). Large Language Models and Neurological Mimicry for PhD Student Advising. Center for Intelligent Health Care, University of Nebraska Medical Center. Omaha, NE.


Project RAÍCES. (2023 – 2026). Senior Personnel. $5.25 million total; $2.1 million to UNL U.S. Department of Education. Senior Personnel. My role is to support the PIs with induction initiatives and research into teacher induction at program sites.


Sarroub, L. K. Guest Speaker and Panelist. The Big Arabic Community Day 2023: Teaching Arabic at Lincoln Public Schools: Current Updates and Future Hopes, a panel discussion coordinated by Dr. Lory Dance & Dr. Abla Hasan and sponsored by the Institute of Ethnic Studies and Arabic Studies, UNL, Burnett Hall 115, Wednesday, March 1, 4:30-6p. https://youtu.be/hX21ZcYThns

Schroeder, Cassandra and Sarroub, L. K. (December 1, 2023). Teacher Agency in Divisive Times. Round table paper session to be presented at the Literacy Research Association meeting, Atlanta, GA.

Sarroub, L. K. Guest Speaker and Panelist. The Big Arabic Community Day 2023: Teaching Arabic at Lincoln Public Schools: Current Updates and Future Hopes, a panel discussion coordinated by Dr. Lory Dance & Dr. Abla Hasan and sponsored by the Institute of Ethnic Studies and Arabic Studies, UNL, Burnett Hall 115, Wednesday, March 1, 4:30-6p. https://youtu.be/hX21ZcYThns

Co-PI Distinguished Lecturer Award (through UNL Research Council) for Dr. Ofelia García to speak at the Language, Migration and Education Conference, with PI Theresa Catalano and co-PIs Tricia Gray and Stephanie Wessels University of Nebraska-Lincoln, March 10, 2023. (Funded, $2995.00).


Grant, "Nebraska STEM Noyce", NSF, Federal, Instruction/Training, $923,811.00. (Start Date of Funding: March 1, 2018, End Date of Funding: February 28, 2023).

Grant, "Nebraska STEM Noyce", NSF, Federal, Instruction/Training, $284,392.00. (Start Date of Funding: August 2, 2019, End Date of Funding: February 28, 2023).
Mardi Schmeichel
Associate Professor

Garrett, J., Schmeichel, M., & Clark, C. (November, 2023). You don’t have to tell them it’s a lie: Teaching Social Studies Within a Backsliding Democracy. Paper presented at the College and University Faculty Assembly (CUFA) Conference, Nashville, TN.


Mona Schoenrock
Lecturer

Columbus Public Schools Foundation Scholarship Judge. Served on selection committee for Columbus Public Schools Foundation Scholarship committee.

NBEA (National Business Education Association) Hall of Fame Selection Committee.

NBEA (National Business Education Association) National Convention and ABTR Research Conference (Association for Business Teaching and Research), Kansas City, Missouri.

Nebraska Career Education Conference, Kearney, Nebraska.

FBLA (Future Business Leaders of America), Judge for FBLA written Community Service Event.

Amanda Thomas
Associate Professor


Miller, D., & Trainin, G. (2023). Impact of the Pandemic on Computer Science Education. https://digitalcommons.unl.edu/cgi/viewcontent.cgi?article=1051&context=cehsגירw


Trainin, G., & Miller, D. (2023). Impact of the Pandemic on computer science education. Paper to be presented at the Nebraska Educational Technology Association meeting Omaha, NE.


Soh, LK, Nugent, G., Smith, W., & Trainin, G., (2018-2023). AIR@Nebraska. National Science Foundation ($2,000,000).

Kara Viesca
Professor


Stephanie Wessels
Associate Professor

