# Dena K. Harshbarger

(308) 865-8914 harshbargedk@unk.edu

## Education

# Doctor of Philosophy in Educational Studies 2015

Specialization in *Teaching, Learning, & Curriculum* University of Nebraska Lincoln - Lincoln, NE Admitted to Candidacy: November 2010

## Master of Arts in Education 1998

Emphasis in *Elementary Education*University of Nebraska Kearney - Kearney, NE

### Bachelor of Science in Education 1992

Emphasis in *Elementary Education*Emphasis in *Middle School Math and Science*University of Nebraska Kearney - Kearney, NE

## **Professional Teaching Credentials**

Nebraska Professional Teaching Certificate K-8 2018

## **Professional Experience**

## University of Nebraska Kearney (2010-present)

Professor, Teacher Education Department
Associate Professor, Teacher Education Department
Assistant Professor, Teacher Education Department
Lecturer, Teacher Education Department
Fall 2018-2023
Fall 2011-Fall 2018
Fall 2010-Summer 2011

## **University-Level Teaching Experience**

## **Graduate:**

TE 816A Graduate-level Practicum in Education

TE 803 Philosophy of Education course

TE 828 Infusing STEM in the K-8 Classroom (TE 828 Infusing STEM in the PK Setting)

TE 853D Improvement of Elementary and Middle School Science Instruction

TE 854 Content Area Reading

## **Undergraduate:**

TE 313-01 and TE 313-02 Math Methods II Field Experience Observations

TE 318 Classroom Management and Assessment

TE 331 Intermediate Literacy

TE 351 Reading in the Content Areas

TE 353 Elementary Science Methods

TE 354 Elementary Social Studies and Science Field Experience

TE 473 Field Experience in Middle Level Classrooms

TE 400 Student Teaching Supervision

## **Additional Teaching Experience**

## Meadowlark Elementary, Kearney Public Schools (1995-2010)

- Elementary Teacher -4<sup>th</sup> grade
- Active member of school and district committees
- KPS Write Traits Facilitator and Trainer (K-5)

## University of Nebraska Kearney (2002-2003; Summer 2010)

Adjunct Instructor, Teacher Education Department

## **Central Elementary, Kearney Public Schools** (1992-1995)

- Classroom Teacher- 6<sup>th</sup> grade
- Active member of school and district committees
- Write Traits Trainer (1995-2005)

## **Collegiate Assignments**

Promotion to Professor	2023
Promotion to Associate Professor	2018
Promotion to Assistant Professor	2011
Graduate Faculty Status	2016
Academic Advisor (TE Undergraduate)	2010-present
Graduate Faculty	2016-present
Graduate Council –TE Representative	2017-present
COE Graduate Assistant Coordinator	2017-present

## **Other Relevant Professional Development Opportunities**

- 2024 Participated in REGGIO EMILIA STUDY ABROAD PROGRAM Reggio Lingua, Italy, School of Italian Language and Culture - Corrado Corbelli and Daniela Vezzani (April 13-24, 2024)
- Attended 2023 National Association for Professional Development Schools (NAPDS)
   Walking on Sunshine: Exploring the Bright Side of School-University Partnerships.
   Jacksonville, FL (2023, March 21-25)
- Attended 2022 Community Early Childhood Conference: Promoting Wellbeing for Children and Families. UNK, Kearney, NE (2022, October 21-22)
- Attended 2022 CYFS Summit on Research in Early Childhood: Creating Connections Among Research, Practice, & Policy- NE Innovation Campus, Lincoln, NE (April 13, 2022)
- Attended ALER Conference- Hilton Head Island, South Carolina (Nov. 3-6, 2021)
- Attended 2021 Nebraska STEM Education Conference- Lincoln, NE (July 22-23, 2021)
- Garden Tools for Corn Training IANR Science Literacy Initiative, UNL (April 27, 2021)
- **Cooperative Learning On-line Training** Adapting Kagan for Distance Learning: Creating Full Student Engagement Online (July 30 & August 18, 2020).
- Attended STEM 20 Virtual Event (July 27-30, 2020)
- Attended National Association of Professional Development (NAPDS) Conference.
   Jacksonville, FL (March 15-17, 2018)

- Attended Nebraska Association of Teachers of Science & Nebraska Council of Teachers of Mathematics (NATS/NCTM) Conference. Kearney, NE (September 2017 & 2018).
- Attended Nebraska State Reading Association 45th Annual Conference. Ramada Inn, Kearney, NE (February 2015, 2017 & 2018)
- Training to become a Project Learning Tree, Project WET, & Project WILD facilitator.
   Pioneers Park Nature Center, Lincoln, NE (June 28-29, 2017)
- Kappa Delta Pi: 50<sup>th</sup> Biennial Convocation. Orlando, FL (Oct. 22-23, 2015)
- National Conference on Science Education, (March 12-14, 2015)
   Chicago, IL
- National Network for Educational Renewal Summer Symposium (July 14-17, 2014)
   Seattle, WA
- eCampus Faculty On-Line Training (May 21-June 24, 2014) University of Nebraska Kearney
- National Network for Educational Renewal 2012 Annual Conference (Oct. 18-19, 2012)
   Denver, CO

#### **SCHOLARSHIP**

### **Refereed Publications:**

- Harshbarger, D., Yungdahl, E., Knoell, C., & Strawhecker, J. (2024). "Bridging" Science and Math: A fifth-grade learning progression integrates engineering design. *Science and Children*, *61*(6), 89-94.
- Thompson, P., Strawhecker, J., & Harshbarger, D. (Accepted with revisions, November , 2024). "A Head Start on STEM: Investigating the Relationship of Teacher Knowledge and Self-Efficacy."NHSA Dialog, The Research-to-Practice Journal for the Early Education Field https://journals.uncc.edu/index.php/dialog.
- **Harshbarger, D.,** & Wiechman, J. (2021). A Thrilling Roller-coaster Ride. *Science and Children,* 59(1) p.77-83. (Accepted in 2019).
- Harshbarger, D. & Vu, P. (2020). Virtual Learning During a Pandemic: Using Technology to Provide & Launch Interactive and Experiential Learning Opportunities for Preservice Teachers. *International Journal of Technologies in Higher Education*. 17(3), 7-16.
- **Harshbarger, D.** (September 2019). "Lightbulb" Moments for All Learners. *Science and Children*, *57*(2), 49-55.
- Vu, P., **Harshbarger, D.,** Crow, S., & Henderson, S. (January 2019). Why STEM? Factors that Influence Gifted Students' Choice of College Majors. *International Journal of Technology in Education and Science*, *3*(2), 63-71.
- **Harshbarger, D.** & Strawhecker, J. (Fall 2018). Implementing win-win math & science field experiences. *PDS Partners: Bridging Research and Practice is a peer-reviewed publication of NAPDS* 13(4), p. 23-27.
- Kracl, C. & Harshbarger, D. K. (July 2017). Using Literature and High-Level

- Thinking Questions to Enhance Science Instruction. *Science and Children.* http://static.nsta.org/files/sc1709\_78.pdf
- **Harshbarger, D.** (September 2016). Remaking Science Fairs. *Science and Children, 54*(1); p. 38-45. http://digital.nsta.org/publication/?i=328065&ver=html5&p=40
- Knoell, C. M., Harshbarger, D., Kracl, C., & Crow, S. R. (2015). Do you think like a fifth grader? Exploring the teacher characteristics of importance to students from two diverse elementary schools in a rural Midwestern community. *International journal of psychology: a biopsychosocial* approach, 2015, [Vol.] 17, p. 39-56.
- Kracl, C. L., Knoell, C. M., **Harshbarger, D. K.**, Strawhecker, J. E. (2014). Win-win field experiences in our partner schools. Education in a democracy: *A journal of the national network of educational renewal*, 6 (pp. 33-46). hwww.nnerpartnerships.org/communications/nner-journal/
- Lewis, E., Dema, O., & **Harshbarger**, **D.** (2014). Preparation for practice: Elementary preservice teachers learning and using scientific classroom discourse community instructional strategies. *School Science and Mathematics*, *114*(4), 154-165.
- Lynott, F., Kracl, C., Knoell, C., & Harshbarger, D. (2013). Using the Shared Integration Approach: A More "Authentic Approach" to Middle School Interdisciplinary Lessons in Health, Mathematics, Science & Literature, Strategies/American Alliance for Health Physical Education Recreation and Dance 26(3), pp. 13-18; <a href="http://www.aahperd.org">http://www.aahperd.org</a>.
- Vu, P., Crowe, S., Henderson, S., & Harshbarger, D. (January 2019). Gifted/talented students' choice of college STEM majors.
  International Journal of Technology in Education and Science (IJTES); 3(2) p. 63-71. <a href="https://ijtes.net/index.php/ijtes/issue/view/4">https://ijtes.net/index.php/ijtes/issue/view/4</a>

#### Grants

- Thompson, P., **Harshbarger, D.,** Strawhecker, J., & (October 26, 2021). *A Head Start on STEM. (Science, Technology, Engineering, & Math)*. Women in Nebraska (WIN) Grant.
- Harshbarger, D. (2021, April). Giving UNK & 4-6 Students Something to "Hoot" About: Owl Pellets Purchased for TE 354 Field Experience. UNK Experiential Learning Grant.
- Harshbarger, D., Vu, P., Meyers, D., Lazarova, M., (2017-2018). Using Hands-on Technology to Energize Elementary Teachers' Physics Instruction. Nebraska Coordinating Commission for Postsecondary Education Improving Teacher Quality: State Grants Program.

#### **Grant Submitted -Not Accepted**

- Harshbarger, D., Strawhecker, J., & Thompson, P. (Summer, 2019). *Planting the Seeds for PK Learning: Making STEM Count.* Women in Nebraska (WIN) Grant-Finalist.
- Harshbarger, D., Vu, P., Carlson, K., Darveau, S. A., Moser, A., Nebesniak, A., Schaffer, J., & Trantham, K. W. (April 30, 2018). National Science Foundation (NSF). Proposal 1836443 submitted: Growing Teacher Candidates' Understanding of STEM Instruction at the Undergraduate Level.

#### Other Publications

 Harshbarger, D. K. (2015). Exploring preservice teachers' perceptions of differentiated science instruction. (Doctoral dissertation)-Digital Commons@University of Nebraska-Lincoln

#### **Submitted**

 Marisa M., Harshbarger, D., Burke, K., & Neukirch, E. (June 2024, Revisions submitted November 2024). Acquiring Mastery On Location in Reggio Emilia (AMORE): Professional Development Delegation in Italy for Inservice and Preservice Professionals. Early Childhood Education Journal.

## **Article Submitted-Not Accepted:**

• Harshbarger, D., & Vu, P. (Jan. 5, 2020). Using Gamification Systems to "Playfully" Assess Science. *Science and Children*.

#### **Presentations**

# **National Presentations**

- Harshbarger, D, Thompson, P. & Strawhecker, J., (2023, October 24). A Head Start on STEM Instruction. National Association for Professional Development Schools (NAPDS) Conference: Walking on Sunshine: Exploring the Bright Side of School-University Partnerships. Jacksonville, FL (2023, March 21-25)
- Thompson, **Harshbarger**, **D.** & Strawhecker, J., (2022, October 26). A Head Start on STEM Instruction. Region VII National Head Start Association Conference: *The Path Forward 2022*. Overland Park, KS. (Competitively selected) Program Link
- Kracl, C. & Harshbarger, D. (November 5, 2021) There is always time for a Read Aloud.

  Association of Literacy Educators and Researchers (ALER). Hilton Head Island, SC. (Competitively selected). <a href="Program Link">Program Link</a>
- Harshbarger, D. & Strawhecker, J. (March 16, 2018). Implementing Win-Win Math and Science Field Experiences. *National Association for Professional Development Schools. PDS 2.0: Defining our Work for the Next Generation.* Jacksonville, FL. (Competitively selected).

- Kracl, C., Richeson, A., & Harshbarger, D. (February 22, 2018). Open the Book to Infinite Possibilities with Student Engagement in Reading. Nebraska State Reading Association 45th Annual Conference: Literacy and its infinite possibilities. Ramada Inn, Kearney NE. (Competitively selected).
- Kracl, C. & Harshbarger, D. (October 12, 2017). There's always time to read aloud: Validating why we read aloud or reminding us why we should. *Nebraska Library Association/Nebraska School Library Association Joint Conference: Providing Access to the Good Life in All.* Younes Center, Kearney, NE. (Competitively selected).
- **Harshbarger, D.** & Strawhecker, J., (2015, October 23). Inquiry—Based Learning for Elementary Science and Math. *Kappa Delta Pi: 50<sup>th</sup> Biennial Convocation*, Orlando, FL. (Competitively selected).
- Kracl, C., Strawhecker, J., & **Harshbarger**, **D.** (2013, October 10). Win-Win K-5 Field Experiences: Education Methods Courses. *NNER Community Engagement to Enhance Student Learning*, Albuquerque, NM. (Competitively selected).
- Knoell, C., Kracl, C., & Harshbarger, D. (2012, October 19). From Kindergarten to College: The Perspectives of Three, "Grow-Your-Own" Professors. Simultaneous Renewal: Everyone Teaches, Everyone Learns, Denver, CO. (Competitively selected).
- Knoell, C., Kracl, C., & **Harshbarger**, **D.** (2012, October 19). Living, Loving, and Learning: Elementary Classroom-based Field Experiences. *Simultaneous Renewal:* Everyone Teaches, Everyone Learns, Denver, CO. (competitively selected).
- Strawhecker, J., Kracl, C., & **Harshbarger**, **D.** (2012, March 9). UNK's Commitment to Consistency. *Professional Development Schools National Conference*, Las Vegas, NV. (Competitively selected).

## **State Presentations:**

- Harshbarger, D. & Jelden, L., Knoell, C., Kracl, C., Strawhecker, J., & Wells, S. (2022, October 21)
  Little Things that Make a BIG difference. UNK Community Early Childhood Conference:
  Promoting Wellbeing for Children and Families. Kearney, NE (Competitively selected)
- **Thompson, P., Harshbarger, D.** & Strawhecker, J., (2021, October 23). *STEM in Early Childhood.*UNK Community Early Childhood Conference: Promoting Wellbeing for Children and Families. Kearney, NE (Competitively selected)
- Harshbarger, D. & Ingram, E. (2021, July 23). Exploring BBC Micro:bits as a Tool for Integrating STEM into Elementary Pre-Service Teacher Development. 2021 Nebraska STEM Education Conference, Lincoln, NE. (Competitively selected).

- **Harshbarger, D.** & Laden, S. (2019, Sept. 19). Stress-Free Inquiry. *NATM/NATS Conference*. Younes Conference Center, Kearney, NE. (Competitively selected).
- Kracl, C. & **Harshbarger**, **D.** (2019, Feb. 20). Little Things that Make a BIG Difference. *NSLA Reading Conference*. Younes Conference Center, Kearney, NE. (Competitively selected).
- Harshbarger, D. (2019, Feb. 20). Budding Scientists: Using STEM with PK-3 Learners. UNK Early Childhood Conference-Promoting Wellbeing or Children and Families. UNK, Kearney, NE (Competitively selected).
- Harshbarger, D. & Knoell, C. (2018, September 21). Using picture books to launch STEM lessons. Nebraska Association of Teachers of Science & Nebraska Council of Teachers of Mathematics (NATS/NCTM) Conference. Kearney, NE. (Competitively selected).
- Kracl, C., **Harshbarger, D.,** Strawhecker, J. (2017, February 24). There's Always Time for A Read Aloud. *Nebraska State Reading Association 44th Annual Conference* (invited).
- Kracl, C., **Harshbarger, D.,** & Siegal, M. (2016, February 26). Motivating Students to Read, *Nebraska State Reading Association (NSRA) Conference;* Kearney, NE. (invited).
- **Harshbarger, D.** (2010, September 20). Nature's Paint Chips, *National Association of Teaching Mathematics Conference*: Ramada Inn, Kearney, NE. (invited

#### **Local Presentations:**

- **Harshbarger, D.** (2022, April 13). Look at the UNK Teacher Candidates "Whoo" Make Learning Science "OWL-SOME" Experiential Learning Day. UNK. Kearney, NE (invited).
- Thompson, P., **Harshbarger, D.,** & Strawhecker, J. (2021, August 4). *STEM for Head Start Preschoolers, Day 2*. Loup City, NE.
- Strawhecker, J., Thompson, P., & **Harshbarger**, **D.** (2021, May 10) *STEM for Head Start Preschoolers, Day 1*. Loup City, NE.
- Thompson, **Harshbarger**, **D.** & Strawhecker, J., (2021, October 23). *STEM in Early Childhood*. UNK Community Early Childhood Conference: Promoting Wellbeing for Children and Families. Kearney, NE (Competitively selected)
- Harshbarger, D. (2018, October 19). *Using STEM with PK-3 Learners*. UNK Community Early Childhood Conference: Promoting Wellbeing for Children and Families. Kearney, NE (Competitively selected)
- Kracl, C. & **Harshbarger**, **D.**, (2017, October 12). *There's Always Time for A Read Aloud*. School Librarians' Conference. Kearney, NE (invited)
- Harshbarger, D. (2017, September 22). Budding Scientists: Using STEM with PK-3 Learners.

- UNK Community Early Childhood Conference: Promoting Wellbeing for Children and Families. Kearney, NE (Competitively selected)
- Kracl, C., **Harshbarger, D.,** Strawhecker, J. (2017, February 24). *There's Always Time for A Read Aloud.* Nebraska State Reading Association 44th Annual Conference (invited).
- Harshbarger, D., Coy, C., & Duff, J. (2016, September 20). Cooperative Learning and High Engagement Strategies. *Educators Rising UNK Expo*, UNK Student Union, Kearney, NE (invited).
- **Harshbarger, D.** (2015, January 6-7). *Write Trait Training* at Educational Service Unit 10; Kearney, NE. (invited).
- **Harshbarger, D.** (2012, June 12). Using iPads to Enhance Inquiry-based Science, *UNL Tech Edge Conference*, Lincoln, NE. (invited).

## **Podcast**

Harshbarger, D. (Oct. 1, 2024). Active Learning. *Higher Education POD: PodcastUNK Center for Teaching Excellence*. <a href="https://tinyurl.com/yc7s8uhv">https://tinyurl.com/yc7s8uhv</a>

## **SERVICE**

## State:

<u>state.</u>		
•	Nebraska Project Learning Tree (PLT) Steering Committee	2022-Present
	<ul> <li>PLT Equity &amp; Inclusion Sub- Committee</li> </ul>	2023-Present
•	NE Academy of Science (NAS) Long-Term Planning Committee	July 2022-23
	Elected Position	,
	UNL, UNK, & Kearney Outdoor Learning Area (KOLA) Committee	March 2022-23
•	Partnership Opportunities	Widicii 2022-23
•	Nebraska Math Standards for K-12 Standards Committee	2020-2022
•	NE Department of Education Science Standards Team	2016-2020
	The Department of Education obtained standards ream	2010 2020
Univer	sity-level	
•	Kappa Delta Pi -Advisor/Sponsor	2012-present
•	UNK First Gen Faculty Member	2020-present
•	Loper2Loper Mentor	2021-present
•	PAWS University Advisory Council	2021-present
•	PAWS Guest Reader	2021-present
•	Pratt Heins Committee	April 2021-2023
	<ul> <li>Committee Chair (Appointed by Vice-Chancellor Bicek)</li> </ul>	April, 2022
•	External Review team for UNK Math Department	March 2022
•	STEM Grant Planning –NU Systems Science Grant	Fall 2018
•	Forum with UNK Lobbying Firm for NE University System	Oct. 9, 2018
•	Reviewed Undergraduate Research Projects	February 2018
		•

•	COE Representative for UNK Graduate Council	2017-2020
•	UNK Early Awareness Day for 4th Graders	2014-2018
•	Reviewed UNK's Biology Annual Program	March 2016
•	Hosted International Student in TE 353/354	AugSept 2015

## **UNK Program and Curriculum Development**

- Harshbarger (Fall, 2018). Distance Education Stipend to develop TE 828 Infusing STEM in the K-8 Classroom. To be taught in spring or summer of 2019.
- Vu & Harshbarger (2017). Curriculum & Instruction: 24 credit hour STEM concentration
- Vu & Harshbarger (2017). New Course: TE 828 Infusing STEM in the K-8 Classroom.

## **College of Education**

•	Member of Search Team for Student Teaching coordinator position	April 2023
•	TE CAEP/INTASC Committee	2021-present

• Aligning and revamping TE lesson plan/unit plan templates & rubrics

Member of Search Team for Special Education position
 Attended Candidate Visits for Buffet EC Institute Candidates
 Fall 2022

# **Teacher Education Department:**

<ul> <li>TE Department -Graduate Assistant Coordinator</li> </ul>	2015-2023
C & I STEM Program Advisor	2019-present
TE Graduate Faculty -Member	2015-present
TE Graduate Faculty Advisory Committee	2020-present
TE Scholarship Review Team	2020-present
Welcome Back COE Greeter	2017-present
• TE Lesson Plan/Unit Plan- CAEP Accreditation Committee	Spring 2021-present
Loper2Loper Mentor	Fall, 2021-present
Assessment Committee	March 2021-present
Graduate Faculty Committee	Fall, 2020-present
Leadership Advisory Committee	Fall, 2020-present
<ul> <li>Teacher Scholar's Academy Interview Committee</li> </ul>	Spring, 2020 & 2021
<ul> <li>Search Committee for TE full-time lecturer</li> </ul>	Summer, 2019
<ul> <li>Search Committee for Health and PE Department</li> </ul>	Fall 2018
<ul> <li>Presentation on Differentiated Instruction for Faculty</li> </ul>	August 2018
Search Committee Chair for TE ELED Lecturer Position	May 2018
<ul> <li>UNK EPP Accreditation On-Site Visit</li> </ul>	Jan. 28-29, 2018
<ul> <li>Educator's Rising Conference –Welcome &amp; Session</li> </ul>	Nov. 2017, 2018
• Differentiation/Inclusion Certification for C& I Program	Nov. 2017-present
<ul> <li>Search Committee Chair for Graduate Assistants</li> </ul>	April & Nov. 2018
• C & I STEM Concentration Committee Co-Chair	Aug. 2016-2017
TE Graduate Faculty Committee	2017-present
TE Graduate Assistant Coordinator	2017-present
Co-Chair for COE STEM Graduate Program Committee	Fall, 2016-2018
COE CAEP Committee	Summer, 2016
<ul> <li>Presented at the TE Awards Ceremony</li> </ul>	April 29, 2016
<ul> <li>Presented Awards at the COE Honors Ceremony</li> </ul>	2014, 2016-18
<ul> <li>Facilitated at CAEP P-16 Partner Input Gathering</li> </ul>	April 2, 2016

•	Served on CAEP Standard 2 Committee	Spring, 2016
•	Compiled data for Level 3 field experiences: CAEP	March-April 2016
•	Represented UNK at State Educators Rising Conference	Feb. 25, 2016
•	"Welcome to Fall Semester" Greeter in COE	Jan & Aug 2015-present
•	Co-Sponsor for Kappa Delta Pi Honorary Education Society; Eta	
		2014-present
•	Mentored Undergraduate Research Project	Spring 2015
•	Student Union Majors Fair: Represented COE Faculty	Sept. 17, 2014
•	UNK Campus Visits	Sept. 17 & 29, 2014
•	Transfer Days	May and June 2014
•	Served on Candidate Search Committee for Elementary	
	Social Studies Methods Instructor	Summer 2012
•	Substitute at Horizon Middle School for UNK Student Teaching S	Seminar
		Sept & Jan 2014-16
•	COE Undergraduate Advising	Fall 2011-present
•	COE Professional Development Team	2011-present
	<ul> <li>Popcorn Technology Presentations</li> </ul>	Oct. 11, 2011
	<ul> <li>Brown Bag Luncheon Presentation</li> </ul>	April 15, 2011
•	COE Professional Development Research Committee	Fall 2011-Spr 2012
•	TE351/352/353/354 Planning Partner	Fall, 2010-present
•	Partner with HYPERLS for UNK Fitness Day	Sept 2010-present
Direct	ad Student Learning	
	ed Student Learning  Facilitated numerous TF 2F2 Honors Projects (2011 procent)	
•	Facilitated numerous TE 353 Honors Projects (2011-present)	Fall 201F 201C
•	Undergrad Fellow Supervised Research - Anna Wagemann	Fall 2015-2016
•	Undergrad Fellow Supervised Research - Elizabeth Grenon	Fall 2017-2018
	Poster presentation at NAPDS Conference, Jacksonville,	
•	Undergrad Fellow Supervised Research – Beth Hawney	Fall 2018-2019

<ul> <li>Undergrad Fellow Supervised Research - Elizabeth Grenon</li> </ul>	Fall 2017-2018
<ul><li>Poster presentation at NAPDS Conference, Jacksonville, FL</li></ul>	
<ul> <li>Undergrad Fellow Supervised Research – Beth Hawney</li> </ul>	Fall 2018-2019
<ul> <li>Summer Student Research Program (SSRP)-Sarah Laden</li> </ul>	Summer 2019
<ul> <li>Summer Student Research Program (SSRP)- Ashley Pachta</li> </ul>	Summer 2020
<ul> <li>Undergrad Fellow Supervised Research – Shelby Nichols</li> </ul>	Spring 2021
<ul> <li>Undergrad Fellow Supervised Research – Kelsey Borowski</li> </ul>	Spring 2022
<ul> <li>Undergrad Fellow Supervised Research – Payten Gibson</li> </ul>	Fall 2024

Fall

2024

## ADDITIONAL SERVICE

• Community Service at Emerson Elementary School

• Undergrad Fellow Supervised Research – Grace Ottman

• Textbook reviewer: Chapter 7 of Madden's, Science and Children: An Assets-Based Approach to Teaching, Learning, and Advocacy, Grades K-6. Dec 2020

## **Community & Consultation:**

• Offering support & professional development to KPS K-5 teachers with new science curriculum.

• Meeting with Jason Mundorf 2018-2019 • Co-planner and facilitator for STEM Day for Buffalo Hills School Oct. 2018

• Co-planner and facilitator for KPS 1<sup>st</sup> Grade STEM days. August 2018

• ESU 10: Annual Science Olympiad & Invention Convention (Dianah Steinbrink)

	<ul> <li>TE 353 Students assist and facilitate</li> </ul>	2015-present
•	KPS- Co-planner & facilitator -2nd Grade Outdoor Education	2014-2020
	<ul> <li>Provided learning activities for 400+ students</li> </ul>	
•	Rowe Sanctuary & Audubon Center Education Committee	2015-2016
•	Differentiated Instruction Professional Development-Red Cloud, NE.	2014
•	Consultant for KPS Science Advisory Committee	2011
•	Consultation-UNK Network Partnership - Kenwood Elementary	
	Differentiated Writing Instruction	2010-2011

# Recognition

Featured in <i>People of PLT</i> -Advancing Environmental Education in NE	2024
Nebraska Forest Service -Environmental Education Award	Nov., 2023
Ask an Antelope -featured	June 1, 2023
Mortar Board Faculty Recognition Event	2010, 2011, 2019,
Described KDD Cilver Assent for Colobration of Torobine Front	2022, 2023
Received KDP Silver Award for <i>Celebration of Teaching</i> Event	September, 2022
Head Start on STEM Instruction Grant recognized by NeHSA	September 2022
<ul> <li><u>Direct Link</u> -click on Higher Education Opportunities</li> </ul>	
Head Start on STEM Instruction Grant recognized by NAECR	March 2022
WIN Grant Recipient- Head Start on STEM Instruction	October 26, 2021
Pratt-Heins Teaching Award	August 2020
Received Kappa Delta Pi Membership Chapter Program Award	
-KDP Convocation, Indianapolis, IN	Nov. 2, 2018
Nominated for UNK's Community Service Program of the Year	
-TE 354's 5th Grade Science Fair at Central Elementary School	April 26, 2017
Received Kappa Delta Pi Recruitment Award	
-50 <sup>th</sup> Biennial Convocation, Orlando, FL	Oct. 23, 2015
Received UNK Outstanding Teaching Award	2012-2013
Academy for Teacher Education Excellence at UNK Inductee	May 2009

# **Selected Affiliations**

National Science Teachers Association	2010-present
Nebraska Science Association for Teachers	2016-present
Kappa Delta Pi Honorary Society	1990-92; 2014-present
Nebraska State Reading Association	2010-present
Association of Literacy Educators and Researchers	2020-present