

Gary G. Andersen, Ph.D.
Associate Professor
Advanced Education Programs
Curriculum Vita (Updated June 2025)

Campus Office

Fort Hays State University
Advanced Education Programs
600 Park Street, Rarick Hall 223B
Hays, KS 67601
Office phone: 785-628-4622
Email: ggandersen@fhsu.edu

Home Office

4850 Granby Cir
Colorado Springs, CO 80919
Cell: 913-956-8766

EDUCATION

2004 PhD Education Curriculum and Instruction, May 2004, University of Kansas
1991 MS in Curriculum and Instruction, May 1991, University of Kansas.
1976 BS in Science Education, May 1976, Kansas State University.

- 15+ additional non degree graduate hours in the biological and physical sciences.
- 18 + additional non degree graduate hours in the area of educational administration.
- Endorsement - English for Speakers of Other Languages, Kansas State Department of Education, 2014

AREAS OF EXPERTISE WITHIN A DISCIPLINE

- Curriculum and Instruction best practices
- School Reform and Redesign
- Building cultures of thinking in classrooms
- Science Education best practices and leading reform
- Alternative licensure
- Student engagement
- Urban education
- Assessment design and management
- District-wide curriculum development and assessment
- Educational Leadership
- Applications of instructional technology
- Next Generation Science Standards Trainer
- Biology Education secondary and undergraduate levels

- Chemistry education
- Environmental education
- Educational leadership

COURSES TAUGHT AT FORT HAYS STATE UNIVERSITY

Graduate

2023-25	ALTC 809 Supervised Practicum I, Virtual
2024-25	ALTC 811 Supervised Practicum II, Virtual
2019-25	ALTC 800 Induction to Teaching, On-campus, Virtual
2016-25	AEP 859 Curriculum Planning and Evaluation, Virtual
2017-20	ALTC 807 Becoming a Reflective Teacher, Virtual
2016-17	AEP 858 Data Analysis and Assessment, Virtual

Undergraduate

2015-16	TEEL 202 Foundations of Education, On-campus and virtual
2015-16	TEEL 350 Curriculum and Assessment, On-campus and virtual

Kansas Academy of Math and Science Summer Camp

2018	Windmills and Gasses and Coal! Oh My! (Kansas Academy of Math & Science Camp). June 2018
2017	Geologic History of Kansas Camp (Kansas Academy of Math & Science Camp). June 2018
2016	Roots and Wings of Kansas Biology Camp (Kansas Academy of Math & Science Camp). June 2018

COURSES TAUGHT AT OTHER INSTITUTIONS

Graduate

- Curriculum Designs, MidAmerica Nazarene University
- The Power of Engaged Learning, MidAmerica Nazarene University
- REAL Interactive Projects, MidAmerica Nazarene University
- Instructional Technology, MidAmerica Nazarene University
- Exploring Technology Systems, MidAmerica Nazarene University
- Technology Standards, Trends and Applications, MidAmerica Nazarene University
- Technology Leadership Practicum I & II, MidAmerica Nazarene University
- Action Research I & II, MidAmerica Nazarene University
- Improve Your Lesson: Take it Outdoors, MidAmerica Nazarene University
- Teaching Science in the Urban Secondary School, University of Kansas
- Science Teaching Methods (Transition to Teaching), University of Kansas

- Internet in Instruction, Baker University
- Using the Internet in Instruction, University of Kansas
- Seminar in Technology for Teachers, University of Kansas
- Teaching in the 21st Century, Avila College
- Utilization of the Computer in the Science Classroom, Avila College

Undergraduate

- Nature of Science & Scientific Inquiry, MidAmerica Nazarene University
- Secondary Science Teaching Methods, MidAmerica Nazarene University
- Principles of Biology (for non-majors), MidAmerica Nazarene University
- Biology I (for majors), MidAmerica Nazarene University
- Environmental Biology, MidAmerica Nazarene University
- Human Nutrition, MidAmerica Nazarene University
- Special Topics in Biology, MidAmerica Nazarene University
- Earth and Space Science, MidAmerica Nazarene University
- Introduction to Research in Dendrochronology, MidAmerica Nazarene University
- Microbiology Lecture, Kansas City Kansas Community College
- Microbiology Laboratory, Kansas City Kansas Community College

DATE OF APPOINTMENT TO THE FACULTY AT FORT HAYS STATE UNIVERSITY

- | | |
|------|--|
| 2021 | Fort Hays State University, Advanced Education Programs, Associate Professor |
| 2018 | Fort Hays State University, Advanced Education Programs, Transition to Teaching Program Coordinator |
| 2016 | Fort Hays State University, Advanced Education Programs, Assistant Professor |
| 2016 | Fort Hays State University, Graduate Faculty, Masters I Level |
| 2016 | Fort Hays State University, Department of Teacher Education, Associate Professor (Visiting Professor), |

PRIOR SERVICE AT OTHER INSTITUTIONS

- | | |
|-----------|---|
| 2011-2015 | MidAmerica Nazarene University, Olathe, KS, Associate Professor for Science Education |
| 2010-2011 | Kansas City Kansas Public Schools, Educational Consultant, Focus on improving student engagement and achievement. |
| 2002–2010 | Kansas City Kansas Public Schools, Coordinator of Science |
| 1997-2002 | Kansas City Kansas Public Schools, Director of Instructional Technology |
| 1990-1997 | Kansas City Kansas Public Schools, Coordinator of Science |

1976-1990	Kansas City Kansas Public Schools, Biology / Chemistry Teacher
2005-2011	Kansas City Kansas Community College, Adjunct professor of Biology
2002-2011	MidAmerica Nazarene University, Olathe, KS, Adjunct Graduate School professor, Masters in Educational Technology Program and Masters in Education Program
2005-2006	University of Kansas, Lawrence, KS, Adjunct instructor for University of Kansas, Transition to Teaching Program
2001	Baker University, Adjunct instructor
1991-1996	University of Kansas, Lawrence, KS, Adjunct instructor in Curriculum and Instruction
1991-1994	Avila College, Kansas City, MO, Adjunct instructor
1976-1990	Kansas City Kansas Public Schools, Biology Instructor

DEPARTMENTAL AND INSTITUTIONAL SERVICE

Department

2024-25	AEP Tenure and Promotions Committee (Chair)
2024-25	AEP Advising Support Committee (Chair)
2024-25	AEP Instructional Support Committee
2018-25	Program Coordinator, Transition to Teaching Program (Alternative Certification Program)
2017-25	Member, Scholarship and Awards Committee, Advanced Education Programs
2017-25	Member, Graduate Council representing MSE
2017-25	Member, Graduate Council Curriculum Subcommittee
2020-25	Member, Olliff Family Symposium Planning Committee
2021-23	Co-chair, AEP Remote Employee Proposal, and Standards of Practice for AEP Faculty Task Force
2021-23	Chair, AEP Incompletes Guidelines Task Force
2017-22	Member, Adjuncts Committee, Advanced Education Programs
2019-20	Member, Research Committee, Advanced Education Programs
2017-20	Member, TIGER Research Presentations Committee
2018	Member, Search Committee, Advanced Education Programs Chair
2017	Member, Strategic Planning Ad Hoc Committee, Advanced Education Programs
2017	Participant, Transition 2 Teaching Program Update and SWOT Analysis Summer 2017
2016	Member, Department Criteria (Tenure/Promotion/Merit Review) Committee, Advanced Education Programs
2015	Member, Search Committee for Reading Specialist Faculty, Teacher Education

2015-18 Member, Data Day Retreat, Teacher Education Department
2015-16 Faculty Member of STEM-ED student chapter

College

2024-25 Member of the College of Education Tiger Teacher Work Sample Writing Committee
2024-25 Member, College of Education Artificial Intelligence Committee
2018-25 Member, CAEP Standard One Content & Pedagogical Knowledge Committee
2021-25 Member, Diversity, Equity, and Inclusion Research Institute Committee
2020-25 Member, CAEP Standard One Committee
2023-25 Member, CAEP Standard Two Committee
2024-25 Member, CAEP Standards 1 & 2 Advanced Standards Committee
2024-25 Member CAEP Standard 3 Committee
2024-25 Member, Olliff Family Symposium Planning Committee
2024 Table Leader, College of Education Data Retreat, November 5, 2024
2015-22 Member, CAEP Standard Four Program Impact Committee
2019-20 Member, College of Education CAEP Diversity Committee
2017-20 College of Education Planning Committee for Data Day Retreat
2015-20 Member, CAEP Standard Five Provider Quality Continuous Improvement Program Impact Committee
2017-18 Member, FHSU College of Education CAEP Steering Committee
2017-18 Chair, FHSU College of Education Peer Review Committee
2018 Led the redesign of the College of Education Peer review form
2015-18 Chair, FHSU College of Education CAEP Diversity as a Cross Cutting Theme
2017-18 Member, Trauma-informed Education Study and Research Group
2016-18 Member, Search Committee for Department Chair of Advanced Education Programs
2015-18 Participant, Educator Preparation Program Data Retreat
2016-17 Presenter, Kansas Center for Innovation in Education Conference
2016 Participant, CAEP Accreditation Onsite Consultant Visit
2015-16 Presenter, Kansas Center for Innovation in Education Conference

Institution

2023-25 Member, FHSU Generative Artificial Intelligence Task Force Committee
2017-25 Member, Graduate Council
2017-25 Member, Curriculum Subcommittee, Graduate Council

- 2017-20 Member, Open Educational Resources Committee
- 2017-19 Member, Endowed Professor Review Committee
- 2017-18 Co-Chair, Adjunct Faculty Advisory Committee
- 2017-18 Led the development and analysis of adjunct and full-time faculty survey research
- 2017-18 Member, Chemistry Assistant Professor Search Committee
- 2016-18 Co-developer, Kansas Academy of Math and Sciences Summer Camps
- 2017 Member, Kansas Core Outcomes Committee, Kansas Board of Regents
- 2016 Presenter, InTIGERated Educational Workshops, Fort Hays State University
- 2015 Presenter, Kansas Center for Innovative Education Professional Development Day, Hays High School

Professional Leadership

- 2024-25 Past-President and Board Member, Kansas Association for Teacher Educators
- 2022-24 President, Kansas Association for Teacher Educators
- 2020-25 Member, Planning of ATE-K / KACTE Spring Conference
- 2019-25 Co-editor, The Advocate, Journal of the Kansas Association of Teacher Educators (ATE-K). <https://atekan.weebly.com/journal.html>
- 2017-25 Board Member, Association of Teacher Educators - Kansas
- 2017-25 Member, Editorial Board for ATE-K Advocate Journal
- 2016-25 Member, Educational Preparation Program Review Committee, Kansas State Department of Education (KSDE)
- 2018-25 Review board member, Academic Leadership Journal in Student Research
- 2024-25 Member, American Association of Teaching and Curriculum
- 2022-24 Chair, Planning of ATE-K / KACTE Spring Conference
- 2024 Reviewed journal submission, *Leadership Styles and Emotional Intelligence as Predictors of Teachers' Performance in Secondary Schools, Nigeria*, Academic Leadership Journal in Student Research
- 2017-22 Member, Kansas State Department of Education (KSDE) Science Trainers
- 2019-20 Reviewed journal submission, *Supporting High Quality Teacher Preparation: Developing a Mentoring Program for New and Early Career Special Education Faculty*. The Advocate. Kansas Association for Teacher Educators.
- 2018 Reviewed journal submission, "*The inclusion of thinking skills: Improving instructional practices in Nigerian secondary school education*" for the Academic Leadership Journal in Student Research. June 2018.

- 2018 Presenter and Session Planner, Kansas Excellence in Math and Science Teaching Conference, Kansas State Department of Education, June 2018. Wichita, KS
- 2017-18 Facilitator, Monthly Book Study Presentations, *Building cultures of thinking*. Association of Professional Educators Abroad, Riyadh, Saudi Arabia (9 sessions September 2017 - May 2018).
- 2017 Presenter and Session Planner, Kansas Excellence in Math and Science Teaching Conference, Kansas State Department of Education, Hutchinson, KS
- 2017 Reviewer, Journal of STEM Arts, Crafts & Constructions
- 2015 Director, Students Engaged in Exploring & Designing Solutions Summer Conference for Teachers, Turner Public Schools, Kansas City Kansas Public Schools, Olathe Public Schools, Blue Valley Public Schools
- 2015 Member, AdvancED Accreditation Review Team, Wyandotte High School, Kansas City, Kansas
- 2104 Director, Students Engaged in Exploring & Designing Solutions Summer Conference for Teachers, Turner Public Schools, Kansas City Kansas Public Schools, Olathe Public Schools, Blue Valley Public Schools
- 2014 Member, Kansas Science Item Review Team for Kansas State Department of Education, Topeka, KS
- 2014 Member, Biology Program Revision Committee, MidAmerica Nazarene University, Olathe, KS
- 2014 Member, KSDE Biology Standards Writing Committee
- 2013 Member Science Education Program Review Committee for Kansas State Department of Education, Topeka, KS
- 2013 Member, Instructional Technology Advisory Committee, MidAmerica Nazarene University, Olathe, KS
- 2013 Member, College of Liberal Arts & Sciences Chairs Curriculum Committee, MidAmerica Nazarene University, Olathe, KS
- 2013 Member, Internal Review Committee for Accreditation, School of Business, MidAmerica Nazarene University, Olathe, KS
- 2013 Member, Kansas State Department of Education Professional Standards Committee for Biology Teacher Education Programs, Olathe, KS
- 2013 Member, Student Teaching Rubric Development Committee, College of Education, MidAmerica Nazarene University, Olathe, KS
- 2013 Member, Math Teacher's Circle Planning Committee, MidAmerica Nazarene University, Olathe, KS
- 2012 Developer, Middle Level Science Education Program at MidAmerica Nazarene University, Olathe, KS

- 2012 Teaching License Endorsement in TESOL (Teaching of English to Speakers of Other Languages), 2012
- 2011-2014 Director, MidAmerica Nazarene University Summer Science Camps (Science of CSI, Science of Food, Science of Field Ecology, Science of Beauty)
- 1992-2006 Publications Editor, Kansas Association of Teachers of Science
- 2004 KATS Member of the Year, Kansas Association of Teachers of Science
- 1999 Awarded 10 years of judging service to Greater Kansas City Science & Engineering Fair
- 1997 President, Kansas Association of Teachers of Science
- 1994 Member, North Central Association Accreditation Evaluation Team, Bishop Ward High School, 1994
- 1994 Member, Kansas State Science Outcomes writing team, Kansas State Department of Education
- 1993 Member, Regional Convention Planning Hospitality Sub-Committee, National Science Teachers Association
- 1992-1993 Member, Advisory board to the ShareNet Telecommunications System, Kansas City, MO
- 1992 Member, Advisory board to Science Pioneers Inc., Kansas City, MO
- 1979 Contributor, Teacher manual accompanying the "Search for Solutions" film series

Community Service

- 2020-25 Member, Garden of the Gods Rotary Club

SCHOLARLY SUBMISSIONS, PUBLICATIONS, AND PAPERS PRESENTED

Refereed Presentations

National/International

- Andersen, G. (2025, April 23-26). *In Our Own Image: An Inquiry into Diversity, Equity, and Inclusion in a College of Education in a Rural Setting*. Paper presented at the Association of Educational Research Association Annual Meeting. AERA Annual Meeting Denver, CO.
- Andersen, G. (2024, October 3-5). *Sustainability and Vulnerability in School Redesign*. Research Paper Presentation Session. AATC Annual Meeting Denver, CO.
- Andersen, G. (2024, March 27-30). *The Promise of Kansas Redesign*. Research Paper Presentation Session. ATE Annual Meeting Anaheim, CA.

- Andersen, G. (2024, March 27-30). *A Clear-eyed Look into the Mirror: An Inquiry into Diversity, Equity and Inclusion in a College of Education in a Rural Setting*. Research Paper Presentation Session. ATE Annual Meeting Anaheim, CA.
- Feldstein, L. & Andersen, G. (2020, Apr 17 - 21) *Perspectives on Engagement: Where Lies the Future on the High Plains?* [Roundtable Session]. AERA Annual Meeting San Francisco, CA <http://tinyurl.com/r5xq7rq> (Conference Canceled Presented online)
- Andersen, G., Feldstein, L. (2020). *Context matters: Concepts of school engagement in the context of geographic isolation*. Presented at the ATE 2020 Annual Meeting. Atlantic City, NJ. Retrieved from <https://ate-proceedings.org/2020/11/02/context-matters-concepts-of-school-engagement-in-the-context-of-geographic-isolation/>
- Andersen, G., Feldstein, L. (2020) Submitted. *High plains paradox: Promise and peril in one prairie school's redesign*. Submitted to AACTE Annual Meeting. Atlanta, GA.
- Andersen, G. (2019). *What teachers think about cultures of thinking in their classrooms: Implications for our practice as teacher educators*. Presented at the 2019 ATE Annual Meeting. Atlanta, GA.
- Andersen, G., Feldstein, L. (2018, October). *Peer Review as an Instrument of Cultural Change*. Presentation accepted at the annual conference of the Consortium for Research on Educational Assessment and Teaching Effectiveness (CREATE). Williamsburg, VA. (National refereed presentation)
- Andersen, G., Gillette, B. (2015, December). *NGSS Pioneers: The SEEDS Project*, Accepted Presentation at National Science Teachers Association Conference, Kansas City, MO. (National refereed presentation)
- Andersen, G. (1999, March). *Collaborative Networking: the KanCRN Project*, Presented at National Science Teachers Association National Convention, Boston, MA. (National refereed presentation)

Regional

- Andersen, G. (2025, April 4). *Paradigm Shifts: Explorations of Changes in Educators Thinking*. Presentation at Kansas Association of Teachers of Education Annual Meeting. ATE-K Annual Meeting. Manhattan, KS.
- Andersen, G. Frank, N. (2018, August). *Do you see what I see? Adjunct faculty perceptions of rigor and quality*. SIDLIT Summer Institute. Overland Park, KS.

State

- Andersen, G. , Feldstein, L. (2020). *Messages from a Community in Change: Conceptions of Engagement*. Presentation accepted and moved from Spring 2020

- to Fall 2020 joint conference of Kansas Association of Teacher Educators and Kansas Association of Colleges of Teacher Education. Overland Park, KS.
- Andersen, G. , Feldstein, L. (2019, April). *Exploring conceptions of school engagement among constituencies (students, faculty, parents) in a rural high school.* Presentation given to joint conference of Kansas Association of Teacher Educators and Kansas Association of Colleges of Teacher Education. Wichita, KS.
- Andersen, G., Allen, C., Feldstein, L., Mitchell, T., Scott, J. (2019). *The Role of Higher Education in Kansas Redesign.* Facilitator and Panel Discussion. Kansas Association of Teacher Educators and Kansas Association of Colleges of Teacher Education. Wichita, KS.
- Andersen, G. , Stramel, J. (2018). *CAEP Accreditation: Wisdom of the Crowd.* Presentation given to Kansas Association of Teacher Educators. Emporia, KS.
- Andersen, G. (2018, April). *Peer Review as an Instrument of Cultural Change.* Presentation given to Kansas Association of Teacher Educators. Emporia, KS.
- Andersen, G. (2018, January). *A Deeper Dive into the Three Dimensions of the NGSS.* Presentation given to Kansas Association Biology Teachers. Hays, KS.
- Andersen, G. (2017, June). *Figuring out phenomena in 3 dimensions.* Presentation given to KSDE KEEN Science/Math conference. Hutchinson, KS.
- Andersen, G. (2017, April). *Are you building a culture of thinking?.* Presentation to the Kansas Association of Teacher Educators, Emporia KS. (State refereed presentation)
- Andersen, G. (2017, April). *Creating cultures of thinking in the classroom.* Presentation to the Kansas Association of Teachers of Science, Junction City, KS. (State refereed presentation)

Local

- Andersen, G., Feldstein, L. (2020). *Context matters: Concepts of school engagement in the context of geographic isolation.* Poster session presented at the John Heinrichs Scholarly and Creative Activities Day, Fort Hays State University, Hays, KS.
- Andersen G. , Franks, N., Chance, N. (2019). *Adjunct Faculty Survey Research and “Best Practices” Recommendations.* Presented to the Academy of Academic Leadership Fort Hays State University. Hays, KS.
- Andersen, G. (2018, April). *Adjuncts and faculty: Perceptions of quality and rigor.* Poster session presented at the John Heinrichs Scholarly and Creative Activities Day, Fort Hays State University, Hays, KS.
- Andersen, G. (2017, April). *Building Cultures of Thinking.* Poster session presented at the John Heinrichs Scholarly and Creative Activities Day, Fort Hays State University, Hays, KS.

Andersen, G. (2016). *Building Cultures of Thinking*. TIGER Presentation Series. Fort Hays State University, Hays, KS.

Non-Refereed Invited Presentations

International

- Andersen, G. (2018). *Routines: Supports and scaffolding for thinking* , Presented online to the Association of Professional Educators Abroad. Riyadh, Saudi Arabia (International non-refereed presentation)
- Andersen, G. (2018). *Opportunities for thinking* , Presented online to the Association of Professional Educators Abroad. Riyadh, Saudi Arabia (International non-refereed presentation)
- Andersen, G. (2018). *Modeling: Apprenticeships in thinking* , Presented online to the Association of Professional Educators Abroad. Riyadh, Saudi Arabia (International non-refereed presentation)
- Andersen, G. (2018). *Time: Learning to be its master rather than its victim* , Presented online to the Association of Professional Educators Abroad. Riyadh, Saudi Arabia (International non-refereed presentation)
- Andersen, G. (2017). *Language - Appreciating its Subtle and Yet Profound Power* , Presented online to the Association of Professional Educators Abroad. Riyadh, Saudi Arabia (International non-refereed presentation)
- Andersen, G. (2017). *Expectations: Recognizing How Our Beliefs Shape our Behavior* , Presented online to the Association of Professional Educators Abroad. Riyadh, Saudi Arabia (International non-refereed presentation)
- Andersen, G. (2017). *Overview of cultures of thinking* , Presented online to the Association of Professional Educators Abroad. Riyadh, Saudi Arabia (International non-refereed presentation)
- Andersen, G. (2017). *Introduction to cultures of thinking* , Presented online to the Association of Professional Educators Abroad. Riyadh, Saudi Arabia (International non-refereed presentation)

Regional

- Andersen, G. (2007, April). *Benchmarking as a System of Improving Education in Kansas City Kansas*, Presented at the Marion Kauffman Foundation, Kansas City, MO. (Local non-refereed presentation)
- Andersen, G. (2005, February). *Using Data to Inform Practice*. Presentation at Urban Education Innovation Roundtable Network, Kansas City KS. (Local non-refereed presentation)

Andersen, G. (2004, February). *Using Data to Inform Practice*. Presentation at Urban Education Innovation Roundtable Network, Kansas City KS. (Local non-refereed presentation)

State

Krehbiel, M., T.M. Woods, G. Andersen, B. Grauer. (2014, May). *Next Generation Science Standards, Integrating Engineering into Science*, Panel discussion presented at the Engineering Education Experiences (E3), Professional Development Workshop, College of Engineering, Kansas State University, Manhattan, KS. (State, non-refereed presentation)

Andersen, G. (2012, June). *Using CSI Themes in Secondary Science Classrooms*, Presentation given at the Southwest Plains Regional Educational Service Center, Sublette, KS. (State non-refereed presentation)

Andersen, G. (2012, April). *Using CSI Themes in Secondary Science Classrooms*, Presented at the Kansas Association of Teachers of Science, Junction City, KS. (State non-refereed presentation)

Andersen, G. (2007, April). *Benchmarking in Kansas City Kansas*, Presented at the Kansas Association of Teachers of Science Conference, Junction City, KS. (State non-refereed presentation)

Andersen, G. (2005, April). *Evaluating Science Achievement in Creative Ways*. Presented at the Kansas Association of Teachers of Science Conference, Junction City, KS. (State non-refereed presentation)

Andersen, G. (2003, April). *Getting Inspiration in Your Classroom*. Presented at the Kansas Association of Teachers of Science Conference, Junction City, KS. (State non-refereed presentation)

Andersen, G. (2003, April). *An Online Student Performance Assessment in Science*. Presented at the Kansas Association of Teachers of Science, Junction City, KS. (State non-refereed presentation)

Andersen, G. (2002, April). *Using Graphic Organizers as an Assessment Tool*. Presented at the Kansas Association of Teachers of Science, Junction City, KS. (State non-refereed presentation)

Andersen, G. (2000, October). *Project-based Learning*, Presented at the Kansas Business Educators Association, Wichita, KS. (State non-refereed presentation)

Andersen, G. (1999, March). *Collaborative Research Network*. Presented at the Mid-America Association for Computers in Education, Salina, KS. (State non-refereed presentation)

Local

Andersen, G. (2004, July). *Middle School Science and No Child Left Behind*.
Presentation at summer workshop, Kansas City Kansas Public Schools, Kansas
City, KS. (Local non-refereed presentation)

Refereed Publications

National

- Andersen, Gary; Feldstein, Linda E.; and Clay, Matthew (2025) "A Look at Sustainability and Vulnerability in School Reform," *The Advocate*: Vol. 30: No. 1. <https://doi.org/10.4148/2637-4552.1204>
- Feldstein, Linda E. and Andersen, Gary (2022) "*Educational Silver Linings in the Cloud of a Global Pandemic: Our students are grittier than we think!*," *The Advocate*: Vol. 27: No. 2. <https://doi.org/10.4148/2637-4552.1174>
- Andersen, Gary and Feldstein, Linda E. Ed. D. (2021) "*Where is the Target? An Examination of the Conceptions of Student Engagement within a School Community*," *Educational Considerations*: Vol. 47: No. 1. <https://doi.org/10.4148/0146-9282.2242>
- Andersen, G., Feldstein, L. (2020, Apr 17 - 21) *Perspectives on Engagement: Where Lies the Future on the High Plains?* [Roundtable Session]. AERA Annual Meeting San Francisco, CA <http://tinyurl.com/r5xq7rq>
- Andersen, G., Feldstein, L. (2020). ATE Conference Proceedings. *Context matters: Concepts of school engagement in the context of geographic isolation*. Association for Teacher Educators.
- Andersen, G. (2019). *What teachers think about cultures of thinking in their classrooms: Implications for our practice as teacher educators*. Proceedings. Paper presented at the 2019 ATE Annual Meeting. Atlanta, GA.
- Andersen, G., (2019). *Teacher's thinking on classroom cultures of thinking: Providing insights for the future*. (Unpublished manuscript in progress for publication submission).

State

- Andersen, Gary and Feldstein, Linda E. (2020) "Context Matters: Concepts of School Engagement in the Context of Geographic Isolation," *The Advocate*: Vol. 25: No. 2. <https://doi.org/10.4148/2637-4552.1142>
- Andersen, Gary G. (2018) "Teacher Perceptions of a Culture of Thinking," *The Advocate*: Vol. 23: No. 5. <https://doi.org/10.4148/2637-4552.1007>
- Andersen, G. (2006). Integrating Mathematics, Literacy and Science. *The KATS News*. Vol. 37:3.
- Andersen, G. (2005). Those Amazing Cells, *KATS News*. Vol. 37:2..
- Andersen, G. (2005). Weather: Awesome Kansas Skies. *The KATS News*. Vol. 37:1.

- Andersen, G. (2005). Comets, Asteroids and Ethea. *The KATS News*. Vol. 36:4.
- Andersen, G. (2004). Genetic Marvels, Genetic Nightmares. *The KATS News*. Vol. 36:2.
- Andersen, G. (2004). We Have a Lot on our Plate Tectonics. *The KATS News*. Vol. 36:1.
- Andersen, G. (2004). The Influence of the Kansas Collaborative Research Network on Teacher Beliefs, Instructional Practices and Technology Integration. PhD Dissertation. University of Kansas.
- Andersen, G. (2004). Forensic Science as a Tool for Teachers. *The KATS News*. Vol. 35:4.
- Andersen, G. (2004). Personal and Community Problem Solving. *The KATS News*. Vol. 35:3.
- Andersen, G. (2003). Our World of Motion. *The KATS News*. Vol. 35:2.
- Andersen, G. (2003). Photosynthetic Places. *The KATS News*. Vol. 35:1.
- Andersen, G. (2003). Winds of Change. *The KATS News*. Vol. 34:4.
- Andersen, G. (2003). Our Amazing Earth. *The KATS News*. Vol. 34:3.
- Andersen, G. (2002). Houston, We Have Opossum! *The KATS News*. Vol. 34:2.
- Andersen, G. (2002). Elementary Learning Activity; Temperature and Alka-Seltzer Reactions. *The KATS News*. Vol. 34:2.
- Andersen, G. (2002). Middle School PowerPoint Jeopardy Game, Physical Science. *The KATS News*. Vol. 34:2, November 2002.

Local

- Andersen, G. (2018). *Adjunct Faculty Survey Research Report: Fort Hays State University*.
- Andersen, G. (2000). Using Inspiration in your Teaching. *Training manual for Kansas City Kansas Public Schools*.
- Andersen, G. (2009). So, Are You Doing Benchmarking? Unpublished Manuscript. Kansas City Kansas Public Schools.
- Andersen, G. (1999). What research is not! Unpublished manuscript. Kansas City Kansas Public Schools.

Other Publications

- Andersen, G. (2025). *Paradigm Shifts: Stories of Shifts in Thinking About Teaching, Learning, and the Educational Enterprise*. Website. Fort Hays State University. <https://sites.google.com/mail.fhsu.edu/paradigmshifts/home>
- Andersen, G. (2025). Chat GPT: Our New Favorite Committee Member. FHSU AI Magazine. Summer 2025

Research In Progress

- Andersen, G. (2025). *Paradigm Shifts*. Approved by Fort Hays State University IRB Committee.
- Andersen, G., Yang, S. (2025). *Use of AI by Teachers in Fostering Thinking*. Approved by Fort Hays State University IRB Committee.
- Andersen, G., (2025). *Cultures of Thinking in Classrooms*. Ongoing and Approved IRB by Fort Hays State University IRB Committee.

GRANTS RECEIVED

- 2021 Lancaster, S., Andersen, G. (2021). \$3000. Incorporating Trauma Informed Practices in Education. (funding received).
- 2014 *Planting SEEDS: Students Engaged in Explorations and Designing Solutions*, Principal Investigator - Dr. Nancy Damron, Project Manager / Internal Evaluator, Dr. Gary Andersen. Awarded from the Kansas Board of Regents (KBOR) to MidAmerica Nazarene University. Improving Teacher Quality Competitive Grants. \$285,000 (funding received).
- 2006 *Kansas City Kansas STEM Initiative*. Principal Investigator - Dr. Gary Andersen. Awarded from the Kauffman Foundation to Kansas City Kansas Public Schools. \$1,500,000 over 2 yrs.
- 1996 *Kansas Collaborative Research Network (KanCRN)*. Co-Principal Investigators - Dr. Gary Andersen, Dr. Steven Case. Awarded from the United States Department of Education to Kansas City Kansas Public Schools. Technology Innovation Challenge Grant. \$4,000,000 over 5 yrs.
- 1997 *Over the Top in TEAMS*. Principal Investigator - Dr. Gary Andersen. Awarded from the National Science Foundation (NSF) to Kansas City Kansas Public Schools. Collaborative Partnership for Math Science Achievement. \$4,000,000 over 5 years.

HONORS AND DISTINCTIONS

- 2024 CoE College of Education Outstanding Scholarship Award for Fall 2024
- 2023 FHSU Faculty Outstanding Teaching Award for Fall 2023
- 2023 FHSU College of Education Teaching Award for Fall of 2023.
- 2021 FHSU College of Education Service Award for Spring of 2021.
- 2021-22 Nominated for FHSU Pilot Award 2021 and 2022.
- 2019 My Go To Mentor. Fort Hays State University. April 2019.

- 2018 First Place Award: Empirical Research by Faculty, John Heinrichs Scholarly and Creative Activities Day, Fort Hays State University, Hays, KS.
- 2015 Presenter at USD 489, Creating a Culture of Thinking. October 2015.
- 2004 Kansas Association of Teachers of Science, Member of the Year
- 2002 Kansas City Kansas Public Schools, Educator of the Month, January 2002

COMMUNITY SERVICE

- 2021-25 Garden of the Gods Rotary Club
- 2021-23 Mountain Song Community School Futures Committee
- 2021-23 Mountain Song Community School Capital Campaign Committee
- 2020 Ellis County Strategic Doing (latest meeting postponed by COVID-19)
- 2019 Volunteer Work at Mountain Song Community School
- 2018 Water Quality Testing on Monument Creek Watershed - Sierra Club
- 2017 Ornithology Walk - Kansas Association of Teachers of Science
- 2016 Archived in Google a collection of historical reports and interviews related to Kansas one-room school houses (used by current Foundations of Education students at FHSU)
- 2015 Participated in STEMEd student club meetings at Fort Hays State University
- 2015 Participated in Ellis County Winter Bird Count
- 2015 Member of school science presentation team at Schilling Elementary School, Salina, KS
- 2014 Created historical interview archive interview for the Prairie Center, Olathe, KS
- 2014 Created an online repository of images for the Prairie Center, Olathe, KS
- 2012-2015 Led "Take it Outdoors" workshops for Kansas educators in Olathe, KS
- 2011 Presenter for Kansas City Kansas Public Schools Science Department
- 2004-2008 Led urban students on science field experiences in Kansas, Colorado and Missouri
- 1989-2011 Volunteered as a judge in the Greater Kansas City Science and Engineering Fair
- 1992-1993 Served on the advisory board to the ShareNet Telecommunications System providing online services to regional schools in Kansas City

AFFILIATIONS

- Association of Teacher Educators
- Kansas Association of Teacher Educators

- American Association of Colleges for Teacher Education
- American Educational Research Association
- American Association of Teaching and Curriculum
- International Society for Technology in Education
- National Association for Research in Science Teaching
- National Science Teachers Association
- Kansas Association of Science Teachers
- Kansas Association of Biology Teachers
- American Association for the Advancement of Science
- Sierra Club
- Garden of the Gods Rotary Club
- Sternberg Museum
- Kansas Native Plant Society
- Burroughs Audubon Society