

Dr. Lindsay A. Gold

University of Dayton
Teacher Education
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Education

Ph D, Ohio University, 2016.

Major: Curriculum and Instruction

Supporting Areas of Emphasis: Mathematics Education

Dissertation Title: *Teachers' perceptions regarding financial literacy in Kindergarten through Grade 2*

Advisor: Dr. Gregory D. Foley

MS, University of Dayton, 2004.

Major: Educational Leadership

BS, University of Dayton, 2001.

Major: Elementary Education

Supporting Areas of Emphasis: Mathematics

Prior Experience

Academic

Assistant Professor of STEM Mathematics, University of Dayton. (August 2016–Present).

Graduate Research Assistant, Ohio University. (January 2015–August 2016).

Annually Contracted Faculty, Sinclair Community College. (March 2010–October 2014).

Freelance Tutor. (May 2009–August 2010).

Fifth Grade Teacher, Miamisburg City Schools. (July 2005–July 2010).

Fourth Grade Teacher, Miamisburg City Schools. (July 2004–July 2005).

First Grade Teacher, Vandalia-Butler City Schools. (July 2001–July 2004).

2 and 3-Year-Old Teacher, KinderCare Learning Centers, Inc. (June 1999–August 1999).

Licensures and Certifications

5 Year Professional License - Elementary (1–8), Ohio Department of Education. (July 2020–July 2025).

5 Year Professional License - Principal (PK–12), Ohio Department of Education. (July 2020–July 2025).

TEACHING

Teaching Experience

University of Dayton

EDT 409, Math Methods 4th and 5th Grade, 6 courses.
EDT 412, Developmentally Appropriate Practices Math - ECE, 8 courses.
EDT 473, Student Teaching Primary, 3 courses.
EDT 498, Honors Thesis, 1 course.
EDT 542, Middle Childhood Mathematics 4-6 General Methods, 1 course.
EDT 629, Cognition, Learning, and Technology, 4 courses.
EDT 631, Planning and Assessing Technology Enhanced Learning, 4 courses.
EDT 632, Distance Education in a Digital Age, 2 courses.
EDT 634, Becoming and Effective Building Technology Leader, 3 courses.
EDT 648, Data for Decision Making, 2 courses.
ETW 530, STEM, STEAM, STREAM, 1 course.

Non-Credit Instruction

Workshop, University of Dayton SEHS, Center for Catholic Education, Engineering, 10 participants. (August 6, 2019–August 7, 2019).
Workshop, University of Dayton SEHS, Center for Catholic Education, and Engineering, 30 participants. (June 27, 2018–June 29, 2018).
Workshop, Catholic PD Day St. Albert School (Kettering, OH), 15 participants. (October 14, 2017).

Directed Student Learning

Undergraduate Honors Thesis, "Does engagement with TI Innovator Hub and TI Rover increase interest in STEM subjects in 3rd, 4th, and 5th graders?." (January 2018–Present).
Advised: Paige Innes
Supervised Teaching Activity, "Student Teaching." (January 2017–May 2019).
Supervised Teaching Activity, "ECE Block Liaison." (August 2016–December 2019).

Professional Memberships that Support Teaching

Advisory Committee Member, Teachers Teaching with Technology (T³). (Feb. 2020–Present)
Board Member, Ohio Jump\$tart Coalition. (May 2017–Present).
Association of Mathematics Teacher Educators. (2016–Present).
Ohio Association of Teacher Educators. (2016–Present).
Women and Mathematics Education. (2016–Present).
National Council of Teachers of Mathematics. (2013–Present).
Ohio Council of Teachers of Mathematics. (2013–Present).
National Association for the Education of Young Children. (2015–2019).
Mathematical Association of America. (2015–2019).
School Science and Mathematics Association. (May 10, 2018–May 10, 2019).
Ohio University Council of Teachers of Mathematics. (2013–2016).
American Mathematical Association of Two-Year Colleges. (2010–2014).
Ohio Association for Developmental Education. (2010–2013).

Significant Professional Development Activities Attended

University of Dayton Sponsored

- Mentoring, "Tenure Track Mentoring," University of Dayton, Dayton, OH, USA. (August 2016–Present).
- Faculty Fellowship, "Research Fellows," University of Dayton, LTC, Dayton, OH USA. (January 2020–May 2020).
- Seminar, "Social and Emotional Learning Training," Teacher Education. (January 2018–May 2020).
- "EDT Faculty Bootcamp," Department of Teacher Education, Dayton, OH, US. (May 13, 2019–May 14, 2019).
- Workshop, "Smartboard Training," Department of Teacher Education, Dayton, OH, US. (May 13, 2019).
- Faculty Research Presentations, "Thomas C. Hunt Building a Research Community Day," University of Dayton, Dayton, OH, US. (April 26, 2019).
- Seminar, "View from the six: The six domains of the individual and how they impact learning," Teacher Education, Dayton, OH, US. (October 10, 2018).
- Faculty Fellowship, "Teaching Fellows," University of Dayton LTC, Dayton, OH, USA. (August 2017–May 2018).
- Workshop, "Writing with Friends," University of Dayton, LTC, Dayton, OH, United States. (May 21, 2018).
- Seminar, "2nd Year Faculty Retreat," University of Dayton, Dayton, OH, US. (May 8, 2018).
- Conference Attendance, "Thomas C. Hunt Building a Research Community Day," University of Dayton, SEHS, Dayton, OH, US. (April 20, 2018).
- Seminar, "PAX Presentation for Faculty," University of Dayton, Department of Teacher Education, Dayton, OH, USA. (January 24, 2018).
- Faculty Retreat, "Faculty Advising & Data Walk Retreat," University of Dayton, Department of Teacher Education, Dayton, OH, USA. (January 11, 2018).
- Workshop, "Introduction to Proposal Writing," University of Dayton Forum on Learning and Teaching, Dayton, OH, USA. (January 8, 2018).
- Seminar, "Department of Teacher Education's Series on Innovative Practices," University of Dayton Teacher Education, Dayton, OH, USA. (November 8, 2017).
- Workshop, "Ally Training," University of Dayton, Dayton, Ohio, USA. (September 7, 2017).
- Faculty Fellowship, "E-Learning Fellows (ELF)," University of Dayton, Dayton, OH, USA. (December 2016–August 2017).
- Workshop, "Common Academic Program Conversation (CAP 101)," University of Dayton, Dayton, OH, USA. (February 2, 2017).
- Workshop, "DAP Training," University of Dayton, Dayton, OH, USA. (September 7, 2016).
- Workshop, "Chalk & Wire New and Enhanced Features," University of Dayton, Dayton, OH, USA. (August 16, 2016).

State Sponsored

- Workshop, "Modeling with Geometry," Ohio University, Athens, OH, USA. (July 2016–June 2017).
- Workshop, "Modeling with Algebra," Ohio University, Athens, OH, USA. (June 2016–June 2017).
- Conference Attendance, "Ohio Council of Teachers of Mathematics Annual Conference," OCTM, Sandusky, OH, USA. (October 26, 2016–October 27, 2016).
- Workshop, "MODSPAR," Ohio University, Athens, OH, USA. (July 2015–June 2016).
- Workshop, "QUANT," Ohio University, Athens, OH, USA. (June 2014–June 2015).

National Sponsored

- Webinar, "NCTM CAEP Report Compiler Training," National Council of Teachers of Mathematics, USA. (August 5, 2019).
- Conference Attendance, "National Council of Teachers of Mathematics Annual Meeting," NCTM, San Diego, CA, US. (April 3, 2019–April 6, 2019).
- Faculty Fellowship, "Elementary Mathematics Project Summer Institute," Boston University, Boston, MA, United States. (June 6, 2018–June 8, 2018).
- Conference Attendance, "NCTM Research and Annual Conference," NCTM, Washington D.C., D.C., US. (April 24, 2018–April 28, 2018).
- Conference Attendance, "National Association for the Education of Young Children Annual Conference," NAEYC, Atlanta, GA, USA. (November 15, 2017–November 18, 2017).
- Conference Attendance, "NCTM Annual Meeting and Research Conference," National Council of Teachers of Mathematics, San Antonio, TX, USA. (April 3, 2017–April 8, 2017).
- Webinar, "Improving Undergraduate STEM Education (IUSE) Webinar," NSF. (September 27, 2016).
- Faculty Fellowship, "Texas Instruments Teacher Leader Cadre Institute," Texas Instruments, Dallas, TX, USA. (September 10, 2016–September 11, 2016).

International Sponsored

- Conference Attendance, "T³ International Conference," Texas Instruments, Baltimore, MD, US. (March 7, 2019–March 10, 2019).
- Webinar, "T³ Instructor Webinar," Texas Instruments, Teachers Teaching with Technology. (January 9, 2019).
- Conference Attendance, "T³ International Conference," Texas Instruments, San Antonio, TX, US. (March 2, 2018–March 4, 2018).
- Teacher Leader Cadre, "T³ (Teachers Teaching with Technology) Teacher Leader Cadre," Texas Instruments, Dallas, TX, USA. (September 9, 2016–July 2017).
- Conference Attendance, "T³ International Conference," Texas Instruments, Chicago, IL, USA. (March 10, 2017–March 12, 2017).
- Conference Attendance, "2017 T³ International Conference," Texas Instruments, Chicago, IL, USA. (March 9, 2017–March 12, 2017).
- Conference Attendance, "T³ International Conference," Texas Instruments, Orlando, FL, USA. (February 26, 2016–February 28, 2016).

SCHOLARSHIP

Published Intellectual Contributions

Books

Gold, L. A., Houston, M. S., Bay-Williams, J. M., & Ashurst, J. M. (2018). *On the Money: Math Activities to Build Financial Literacy Grades K–5* (p. 206). Reston, VA, USA: National Council of Teachers of Mathematics.

Refereed Journal Articles

Driskell, S. O., **Gold, L. A.**, & Herick, D. (2020). Tiny Houses, Big Learning. *Ohio Journal of School Mathematics*, 85, 18–30.

Evans, L. A., & **Gold, L. A.** (2019). Premathematics skills in infants: Numerosity as a game. *Contemporary Issues in Early Childhood*. <https://doi.org/10.1177/2F1463949119840755>

Gold, L. A. (2018). Financial Literacy in the Elementary Classroom: Integrate not Recreate. *Ohio Journal of School Mathematics*, 79, 38–42. Retrieved from <https://library.osu.edu/ojs/index.php/OJSM/article/view/6322/5070>

Gold, L. A., & Ashurst, J. M. (2018). Stacking Algebraic Thinking. *Mathematics Teacher*, 111(7), 560. <https://www.nctm.org/Publications/Mathematics-Teacher/2018/Vol111/Issue7/Stacking-Algebraic-Thinking/>

Book Reviews

Gold, L. A. (2018). Review of *The Art and Craft of Geometric Origami* (R. Day, Ed.). 112(1), 78–79. Retrieved from mt-nctm.advanced-pub.com/?issueID=54&pageID=1

Gold, L. A. (2016). Review of Use your math power series: Hatching butterflies; Monkeys for the zoo; Penguins on parade. *Teaching Children Mathematics*, 6(22), 382–383.

Intellectual Contributions Under Review

Gold, L.A. (under review). After the Fall: A story of hope and perseverance. *Mathematics Teacher: Learning and Teaching Pre-K–12*.

Gold, L. A. (under review). Financial literacy in the K–2 classroom: A mixed-methods study. *Mid-western Educational Researcher*.

Presentations Given

International

Houston, M., & **Gold, L. A.** (2020, March 14). On the Money: Percents, ratios, and money with TI technology. Presentation at the T³ International Conference, Dallas, TX. (Conference canceled due to COVID-19).

- Gold, L. A., & Schwieterman, B.** (2020, March 13). Teaching STEAM in the elementary classroom through coding. Presentation at the T³ International Conference, Dallas, TX. (Conference canceled due to COVID-19).
- Gold, L. A., Sturgill, D.** (2019, March 9). After the fall: A STEAM activity with humpty dumpty. Presentation at the T³ International Conference, Baltimore, MD.
- Sturgill, D., **Gold, L. A.** (2019, March 9) Tracking and modeling humpty dumpty: Companion activity to "After the Fall". Presentation at the T³ International Conference, Baltimore, MD.
- Gold, L. A.** (2018, March 2). Mathematical masterpieces: Using the iPad to Nspire students to learn fractions, decimals, and percents. Presentation at the T3 International Conference, San Antonio, TX.
- Gold, L. A., & Houston, M. S.** (2017, March 10). Exploring the truth behind the trick: Investigating "Pick a number". Presentation at the T³ International Conference, Chicago, IL.
- Ashurst, J. M., & **Gold, L. A.** (2017, March 10). The basics of coding with TI Basic and TI-Nspire CX technology. Presentation at the T3 International Conference, Chicago, IL.
- Gold, L.A., & Ashurst, J.** (2016, February 27). Counting on real numbers with the TI-15 Explorer™ to have a few surprises. Presentation at the T³ International Conference Orlando, FL.

National

- Gold, L. A., Ashurst, J., & Houston, M.** (2021, April 21-24). Using coding and SEL to teach mathematics in the elementary classroom. Presentation at the National Council of Teachers of Mathematics Annual Meeting and Exposition, St. Louis, MO. (Accepted but declined due to UD travel restrictions.)
- Ashurst, J., **Gold, L. A., & Houston, M.** (2021, April 21-24). Old school geometry. Presentation at the National Council of Teachers of Mathematics Annual Meeting and Exposition, St. Louis, MO. (Accepted but declined due to UD travel restrictions.)
- Ashurst, J., **Gold, L. A., & Houston, M.** (2021, April 21-24). Making sense of rational number division through modeling. Presentation at the National Council of Teachers of Mathematics Annual Meeting and Exposition, St. Louis, MO. (Accepted but declined due to UD travel restrictions.)
- Ashurst, J., **Gold, L. A., & Houston, M.** (2020, April 3). Making sense of rational number division through modeling. Presentation at the National Council of Teachers of Mathematics Centennial Annual Meeting and Exposition, Chicago, IL. (Conference canceled due to COVID-19).
- Evans, L. A., & **Gold, L. A.** (2020, February 24). What is calendar time: A case study of traditions learned. Research poster at the Conference of Academic Research in Education, Las Vegas, NV.

- Ashurst, J. M., **Gold, L. A.**, Houston, M. S. (2019, April 4). Making sense of rational number division through modeling. Presentation at the National Council of Teachers of Mathematics Annual Conference and Exposition, San Diego, CA.
- Gold, L. A.**, Houston, M. S., & Ashurst, J. M. (2018, April 27). Financial literacy: Early investment in skills and concepts at the primary level. Presentation at the National Council of Teachers of Mathematics Annual Conference and Exposition, Washington, D.C.
- Baldwin, J., **Gold, L.**, & Wall, T. (2017, November 16). Student engagement through tinkering: How to make it happen! Presentation at the National Association for the Education of Young Children Annual Conference, Atlanta, GA.
- Ashurst, J. M., & **Gold, L. A.** (2017, April 8). Old School Geometry. Presentation at the National Council of Teachers of Mathematics Annual Conference and Exposition, San Antonio, TX.
- Gold, L. A.**, Ashurst, J. M., & Sturgill, D. (2017, April 6). Financial literacy in the primary grades: The importance of investing in the future early! Presentation at the National Council of Teachers of Mathematics Annual Conference and Exposition, San Antonio, TX
- Gold, L. A.**, (2017, April 5). Teachers' perceptions regarding financial literacy in K through grade 2. Research poster presentation at the National Council of Teachers of Mathematics Research Conference, San Antonio, TX.
- Ashurst, J., **Gold, L.**, (2015, April 17). Prove it! With rigid transformations. Presentation at the National Council of Teachers of Mathematics Annual Conference and Exposition, Boston, MA.
- Gold, L.**, Thompson, J., (2014, March 1). Get a fastpass in DEV: Accelerating students through developmental mathematics. Presentation at the League for Innovation in the Community College Annual Conference, Anaheim, CA.

Regional

- Gold, L. A.**, Ashurst, J. M. (2019, October 18). Exploring financial literacy at the elementary level: A conversation for all. Presentation at the National Council of Teachers of Mathematics Regional Conference, Salt Lake City, UT.
- Ashurst, J. M., **Gold, L. A.** (2019, September 26). Connecting trigonometry and geometry. Presentation at the National Council of Teachers of Mathematics Regional Conference, Boston, MA.
- Gold, L. A.**, Ashurst, J. (2018, November 29). Financial literacy at the elementary level: What does THAT look like? Presentation at the National Council of Teachers of Mathematics Regional Conference, Seattle, WA.
- Gold, L. A.** (2018, November 2). Financial literacy at the elementary level: What does THAT look like? Presentation at the National Council of Teachers of Mathematics Regional Conference, Kansas City, MO.

Ashurst, J. M. & **Gold, L. A.** (2017, December 1). Solving the mysteries of rational number division (One example: Why do we invert and multiply?). Presentation at the National Council of Teachers of Mathematics Regional Conference, Chicago, IL.

Gold, L. A., Houston, M. S., & Ashurst, J. M. (2017, November 30). Financial literacy: Skills and concepts at the primary level. Presentation at the National Council of Teachers of Mathematics Regional Conference, Chicago, IL.

Gold, L. A., Houston, M. S., & Ashurst, J. M. (2017, October 19). Financial literacy: Skills and concepts at the primary level. Presentation at the National Council of Teachers of Mathematics Regional Conference, Orlando, FL.

Gold, L. A., & Ashurst, J. M. (2016, November 2). Financial literacy: Skills and concepts at the primary level. Presentation at the National Council of Teachers of Mathematics Regional Conference, Philadelphia, PA.

State

Gold, L. A. (2019, October 24). Teaching Mathematics Using the Financial Literacy Standards in Grades 3–5. Presentation at the Ohio Council of Teachers of Mathematics Annual Conference, Sandusky, OH.

Gold, L. A., Innes, P. (2019, October 24). The effects of technology on student engagement and learning in STEAM classrooms. Presentation at the Ohio Council of Teachers of Mathematics Annual Conference, Sandusky, OH.

Gold, L. A. (2019, July 11). Financial literacy: Early investment in skills and concepts at the primary level. Presentation at the Conference for the Advancement of Mathematics Teaching, San Antonio, TX.

Ashurst, J. M. & **Gold, L. A.** (2016, October 27). CAS: Computer algebra system elevates inquiry. Presentation at the Ohio Council of Teachers of Mathematics 66th Annual Conference, Sandusky, OH.

Gold, L. A., & Ashurst, J. M. (2016, October 27). Financial literacy in the primary grades: Investing in their future. Presentation at the Ohio Council of Teachers of Mathematics 66th Annual Conference, Sandusky, OH.

Gold, L. A., Ashurst, J. M., Houston, M. S. (2016, October 27) Financial literacy in the primary grades: Investing in their future. Presentation at the Ohio Council of Teachers of Mathematics Annual Conference, Sandusky, Ohio.

Gold, L. A., Sturgill, D., Koestler, C. (2015, October 15). Using children's strategies to build understanding. Presentation at the Ohio Council of Teachers of Mathematics Annual Conference, Cincinnati, OH.

Sturgill, D., **Gold, L. A.**, Koestler, C. (2015, October 15). Using groupwork to support equitable math classrooms. Presentation at the Ohio Council of Teachers of Mathematics Annual Conference, Cincinnati, OH.

Koestler, C., Sturgill, D., **Gold, L. A.** (2015, May 8). Moving with mathematics: Using music and movement to understand numbers, patterns, and algebra. Presentation at the Ohio Playful Learning Conference, Athens, OH.

Gold, L. A., Evans, J., Haney, D. (2013, November). Accelerating students through DEV math. Presentation at the Ohio Association for Developmental Educators Conference, Columbus, OH.

Local

Gold, L. A., Ashurst, J. M. (2017, October 9). Emphasizing technology and engineering components of STEM. Presentation at the Cleveland Metropolitan School District Blue in the Middle Institute, Beechwood, OH

Gold, L. A., Ashurst, J. M. (2017, October 9). Modeling multiplication and division with rational numbers. Presentation at the Cleveland Metropolitan School District Blue in the Middle Institute, Beechwood, OH.

Sturgill, D., **Gold, L. A.**, (2015, September 29). Using groupwork to support equitable math classrooms. Presentation at the Mathematics Education Seminar, Athens, OH.

Sturgill, D. **Gold, L. A.**, (2015, September 26). Popcorn and volume: expanding your kernels of knowledge (K–6). Presentation at the Appalachian Ohio Mathematics and Science Teaching Research Symposium, Athens, OH.

Ashurst, J., **Gold, L. A.**, Sturgill, D. (2015, June 2). Two-day teacher training on STEAM content and Cognitively Guided Instruction. Presentation at the Wiregrass Math, Science, and Leadership Academy, Dothan, AL.

Gold, L. A., Sturgill, D., (2015, April 9). Cognitively guided instruction: Using children's strategies to explore the foundations of mathematical learning. Presentation at the Ohio University Student Expo, Athens, OH.

Invited Presentations

Gold, L. A. (2020, March 24). Financial literacy in Grades K–12. Discussion Panelist for Ohio Council of Teachers of Mathematics Board Meeting, Online.

Gold, L. A. (2020, February 7). Financial literacy in Grades K–12. Presentation for University of Dayton's EDT 444 course, Dayton, OH.

Gold, L. A. (2019, October 23). Financial literacy in Grades K–12. Presentation for University of Dayton's EDT 444 course, Dayton, OH.

Draeger, M., Ferguson, S. M., **Gold, L. A.**, Pinnell, M. F. (2019, October 3). CSEDA Center for STREAM Education – Dayton Area. Presentation for the Dayton Area 2019 Catholic Schools Principals Meeting, Dayton, OH.

Gold, L. A. (2019, February 13). What's new in math education? Teaching, trends, and transformations. Presentation for Sinclair Community College Mathematics Department Colloquium, Dayton, OH.

- Gold, L. A.** (2017, October 26). A career as an assistant professor of STEM mathematics. Presentation for L.T. Ball Intermediate School Career Day, Tipp City, OH.
- Gold, L. A.** (2016, October 14). Sharing strategies and best practices for working with students in grades 4–8 in mathematics. Presentation for the Greater Dayton Catholic Schools Professional Development Day, Kettering, OH.
- Sturgill, D., **Gold, L. A.** (2016, February 15). Conducting and presenting research and sources for funding. Presentation for Doctoral Students, Athens, OH.
- Gold, L. A.,** Sturgill, D. (2016, February 3). Taking comprehensive exams and procedures that follow. Presentation for Doctoral Students, Athens, OH.
- Schweller, L., **Gold, L. A.,** Evans, J. (2013, September 3). Learn about the DEV 0050 combined math course using the flipped classroom model. Presentation for the Sinclair Community College Faculty Learning Day, Dayton, OH.
- Gold, L. A.** (2013, May). Smartpens: Life changing in education. Presentation for the Center for Teaching and Learning Professional Development Sinclair Community College, Dayton, OH.
- Gold, L. A.,** Darden-Jones, J. (2012, August 22). Semester conversion training: Developmental math mini-mesters. Presentation for Sinclair Community College Center for Teaching and Learning Professional Development, Dayton, OH.

Media Contributions

Newspaper

- Gold, L. A.** (2020, March 26). Financial literacy tips. *Dayton Daily News*, p. 26.

Internet

- Gold, L. A.,** Thibodeaux, S., Chatman, M. (2020, July 15). Instructor 101. Texas Instruments, Mini PD National Webinar.
- Gold, L. A.** (2020, May 6). Foundational mathematics with the TI-Nspire app for iPad. Texas Instruments, National Webinar.
- Gold, L. A. &** Houston, M. (2020, May 5). It all makes sense: Connecting mathematics with financial literacy. Texas Instruments, National Webinar.
- Gold, L. A.** (2020, March 16). Assessing in the mathematics classroom. Association for Mathematics Teacher Educators, AMTE Rapid Response Videos for MTE's, https://www.youtube.com/watch?v=z_53ecN5d-0&feature=youtu.be.
- Gold, L. A.** (2019, January 26). Episode 29: Kids & financial literacy with Lindsay Gold (Part 1). Mountain Movers, Podcast.
- Gold, L. A.** (2018, December 13). Financial literacy in the elementary classroom: Integrate not recreate. Ohio Council of Teachers of Mathematics, Twitter Chat.

TV

Gold, L. A. (2018, December 20). Elementary students learn code with calculator. WDTN Channel 2, Interview, <https://www.wdtn.com/news/local-news/elementary-students-learn-code-with-calculators/1669404775>.

Gold, L. A. (2018, December 19). Family 411: Working on financial literacy with your kids. Megan O'Rourke, ABC 22, Interview <https://abc22now.com/news/family-411/family-411-working-on-financial-literacy-with-your-kids>.

Contracts, Grants and Sponsored Research

Grants

Kettering City Schools & **Gold, L. A.** Coding with TI Innovators. Sponsored by the Aspire Micro-Grant, Dayton Regional STEM Center, \$2922.00. April 1, 2020–March 30, 2021. (funded)

Gold, L. A. The effects of technology on student engagement, learning, and teachers' perceptions of instructing using an integrated STEAM approach. Sponsored by Research Fellows Grant-in-Aid, University of Dayton, \$1,500.00. March 2020–December, 2020. (funding eliminated for UD budget cuts)

Gold, L. A. STEM to STREAM: A mixed-methods study on a professional development model. Sponsored by Research Council Seed Grant, University of Dayton, \$6,500.00. January 28, 2019–September 30, 2019. (funded)

Pinnell, M. F., & **Gold, L. A.** Collaborative research: Collaborative RET site - Inspiring next generation high-skilled workforce in advanced manufacturing and materials. Sponsored by NSF, Federal, \$180,483.00. May 15, 2014–December 31, 2018. (funded)

Gold, L. A. 2017 SEHS Summer Research Grant Program, Sponsored by University of Dayton School of Education and Health Sciences, University of Dayton, \$6,000.00. October 20, 2016. (not funded)

Driskell, S. O.S., Pinnell, M. F., **Gold, L. A.**, Hart, E. C., Kelly, M. K., Interdisciplinary STEM teaching model for elementary pre-service teachers: Development, implementation, and dissemination. Sponsored by National Science Foundation, University of Dayton, \$544,678.00. September 21, 2016. (not funded)

Research Currently in Progress

Early Childhood Educator Preservice Teachers' Perceptions of Teaching STEAM in the Classroom (On-going).

Integrating Makerspaces into Three First Grade Classrooms (On-going).

Mathematical Mindsets: A Longitudinal Study of Preservice Early Childhood Teachers (On-going).

The Effects of Technology on Student Engagement and Learning (On-going).

SERVICE

Department Service

Program Coordinator

Technology Enhanced Learning in Teacher Education Coordinator. (August 2016–Present).

Committees

Graduate Core Revision. (October 2018–Present).

DAP Interview Team. (September 2016–Present).

Teacher Education Leadership Team. (September 2016–Present).

Candidate Progress Team. (August 2016–Present).

Early Childhood Committee. (August 2016–Present).

Graduate Program Advanced Masters Committee. (August 2016–Present).

Senior Block Committee. (August 2016–Present).

Department Search Committee: Math Education (2019–March 2020).

Department Search Committee: Foundations in Education (August 11, 2017–March 2018).

Student Support

Honor's Thesis Advisor, Paige Innes, *The Effects of Technology on Student Interest in STEAM Education* (January 2018–April 2020).

Attendee, Meeting, New Student Orientation. (August 20, 2018).

Attendee, Meeting, School of Education and Health Sciences Graduation Reception. (May 4, 2018).

Attendee, Meeting, Discover Teacher Education Day. (April 20, 2018).

Attendee, Meeting, Bro. Joseph W. Stander Symposium-Alternate Day of Learning. (April 18, 2018).

Met with potential UD Teacher Education Students, Spring Admissions Event. (April 6, 2018).

Talked with potential incoming freshman about the Teacher Education Department, Spring Admissions Event. (March 9, 2018).

Attendee, Meeting, 2018 Education Interview Day. (March 6, 2018).

Attendee, Meeting, Teacher Education Department Visioning Meeting. (January 12, 2017).

Attendee, Meeting, Discover Teacher Education 2016-2017. (October 20, 2016–November 11, 2016).

School of Education and Health Sciences Service

Committees

Secretary, Graduate Academic Affairs Committee (August 2018–Present).

STEM to STEAM to STREAM Committee (August 2018–Present).

Master's Thesis Committee Member, Maria Stevenson, School Psychology, *Homework and Academic Achievement: A Meta-Analysis Examining Impact* (January 2020–Present).

SEHS Priority 2 Team Committee (September 2017–December 2017).

Workshops

STEM to STEAM to STREAM Workshop. (June 27, 2018–June 29, 2018).
STEM to STEAM to STREAM Workshop. (August 6, 2019–August 7, 2019).

Student Support

Master's Thesis Committee Member, Maria Stevenson, *Homework and Academic Achievement: A Meta-Analysis Examining Impact* (January 2020–Present).
Attendee, Award Ceremony, School of Education and Health Sciences Graduation Reception. (May 8, 2020).
Attendee, Award Ceremony, School of Education and Health Sciences Graduation Reception. (May 10, 2019).
Attendee, Meeting, Focus on City of Learners Presentation. (July 25, 2019).
Student and Faculty Support Attendee, Stander Symposium/STEM Stories. (April 18, 2018).

University Service

Committees

Hybrid/Online Pedagogy Subgroup of Path Forward (May 2020–August 2020).
Library Committee. (October 2016–May 2020).
Advancing Informal STEM Learning. (August 21, 2019).
Instructional Design Search Committee. (June 25, 2018–July 12, 2018).
Common Academic Program Focus Group. (January 30, 2018).
Roesch Refresh Charrette Focus Group. (April 20, 2017).

Invited Speaker

Guest Speaker, New Faculty Orientation Discussion Panel. (May 1, 2019).

Student Support

Faculty Advisor, Flying Solos Faculty Advisor. (August 2017–Present).
Attendee, Convocation, Academic Convocation 2019. (August 20, 2019).
Attendee, Graduation, 2019 Undergraduate Commencement Exercises. (May 12, 2019).
Attendee, Convocation, Academic Convocation 2018. (August 21, 2018).
Attendee, Graduation, 2018 Undergraduate Commencement Exercises. (May 6, 2018).
Attendee, Convocation, Academic Convocation 2017. (August 22, 2017).
Attendee, Graduation, 2017 Undergraduate Commencement Exercises. (May 7, 2017).
UD Visioning Day Cafe Conversations. (October 6, 2016).
Attendee, Convocation, 2016 Academic Convocation - August. (August 23, 2016).

Professional Service

National

Participant, Focus Group, NCTM's *Mathematics Teacher Learning and Teaching* Journal Discussion (April 9, 2020).
Reviewer, Journal Article, NCTM's *Teaching Children Mathematics* Journal. (September 2015–Present).

Reviewer, Journal Article, NCTM's *Mathematics Teacher*. (September 2016–Present).
Reviewer, Journal Article, *School Science and Mathematics*. (October 1, 2019).
Session Chair, NCTM Research Report Session Presider, San Antonio, Texas. (April 4, 2017).

State

Partnership, Versailles Exempted Village Schools Fourth grade STEAM project, Versailles Exempted Village Schools, Versailles, OH. (September 2019–February 2020).
Invited Participant, Meeting, Ohio Council for Teachers of Mathematics, (March, 2020).
Attendee, Meeting, Financial Literacy Advisory Group, Columbus, Ohio. (August 15, 2019).
Reviewer, Journal Article, *The Ohio Journal of School Mathematics*, Ohio. (May 1, 2019–Present).
Board of Advisors, Ohio Jump\$Start Coalition, Ohio. (May 2017–Present).
Committee Member, Standards Revision Advisory Committee - Financial Literacy, Columbus, Ohio. (December 15, 2016–Present).
Committee Member, Financial Literacy Model Curriculum, Ohio Department of Education, Columbus, OH. (January 2018–August 2018).
Task Force Member, ODE Elementary Financial Literacy Standards Creation, Columbus, OH. (September 28, 2017).

Local

Partnership, Kettering City Schools STEAM project, Kettering, OH. (August 2019–Present).
Partnership, Southdale Elementary School STEAM Team, Kettering, OH. (September 2016–May 2019).
Attendee, Meeting, Dayton Regional STEM Awards Banquet, Dayton, Ohio. (May 15, 2019).
Guest Speaker, Kettering City Schools District Wide STEAM Night, Kettering, OH. (April 5, 2018).
Guest Speaker, L.T. Ball Intermediate Career Day, Tipp City, OH. (October 26, 2017).
Attendee, Meeting, Dayton Engineering Sciences Symposium Planning Team, Fairborn, OH. (August 30, 2017).
STEAM Panelist, Kettering City Schools Southdale Elementary, Kettering, Ohio. (May 2, 2017).
Guest Speaker, Kettering City Schools District-wide STEAM Night, Kettering, Ohio. (April 11, 2017).
Guest Speaker, Greater Dayton Catholic Professional Development Day, Kettering, OH. (October 14, 2016).

Public Service

Children's Ministry Worship Leader, Tipp City United Methodist Church, Tipp City, OH. (August 2010–Present).
Program Organizer, Girl Scouts of Western Ohio, Tipp City, OH. (August 2012–August 2017).