CURRICULUM VITAE

# Scott Zimmerman, PhD

Updated August 2026

Associate Professor of Mathematics
Department of Mathematics, The Ohio State University | zimmerman.416@osu.edu | zimmermanmath.com

## Academic Appointments

**Associate Professor** **2025–present**
Department of Mathematics
The Ohio State University, Marion and Columbus, Ohio

**Assistant Professor** **2020–2025**
Department of Mathematics
The Ohio State University, Marion and Columbus, Ohio

**Assistant Research Professor** **2017–2020**
Department of Mathematics
University of Connecticut, Storrs, Connecticut

**Visiting Instructor** **2010–2011**
Department of Mathematics and Computer Science
John Carroll University, University Heights, Ohio

## Education

**Ph.D. in Mathematics** **2017**
University of Pittsburgh, Pittsburgh, Pennsylvania
Advisor: Piotr Hajłasz Dissertation: *Analysis and Geometry in Metric Spaces: Sobolev Mappings, the Heisenberg Group, and the Whitney Extension Theorem*

**M.S. in Mathematics** **2010**
John Carroll University, University Heights, Ohio
Advisor: Patrick B. Chen Thesis: *A Characterization of Banach Spaces via the Complemented Subspace Problem*

**B.S. in Mathematics** **2008**
John Carroll University, University Heights, Ohio

## Publications

### Peer-Reviewed Publications in Mathematics

1. Speight, G.; **Zimmerman, S.**, "Directional pliability, Whitney extension, and Lusin approximation for curves in Carnot groups," *Ann. Fenn. Math.* **50** (2025), no. 2, 665–684.
2. **Zimmerman, S.**, "On the equivalence of derivatives for maps between Carnot groups," *Commun. Pure Appl. Anal.* **24** (2025), no. 10, 1962–1972.
3. Pinamonti, A.; Speight, G.; **Zimmerman, S.**, "Higher order Whitney extension and Lusin approximation for horizontal curves in the Heisenberg group," *J. Math. Pures Appl.* **188** (2024), 320–344.
4. Honeycutt, J.; Vellis, V.; **Zimmerman, S.**, "Bi-Lipschitz arcs in metric spaces with controlled geometry," *Rev. Mat. Iberoam.* **40** (2024), no. 5, 1887–1916.
5. Badger, M.; Li, S.; **Zimmerman, S.**, "Identifying 1-rectifiable measures in Carnot groups," *Anal. Geom. Metr. Spaces* **11** (2023), no. 1, Paper No. 20230102, 40 pp.
6. Speight, G.; **Zimmerman, S.**, "A $C^{m,\omega}$ Whitney extension theorem for horizontal curves in the Heisenberg group," *J. Geom. Anal.* **33** (2023), no. 6, Paper No. 182, 24 pp.
7. **Zimmerman, S.**, "Whitney's extension theorem and the finiteness principle for curves in the Heisenberg group," *Rev. Mat. Iberoam.* **39** (2023), no. 2, 539–562.

8. **Zimmerman, S.**, "Singular integrals on $C^{1,\alpha}_{w^*}$ regular curves in Banach duals," *Ann. Funct. Anal.* **13** (2022), no. 2, Paper No. 32, 24 pp.
9. Chousionis, V.; Li, S.; **Zimmerman, S.**, "Singular integrals on $C^{1,\alpha}$ regular curves in Carnot groups," *J. Anal. Math.* **146** (2022), no. 1, 299–326.
10. Chousionis, V.; Li, S.; Vellis, V.; **Zimmerman, S.**, "Bi-Lipschitz embeddings of Heisenberg submanifolds into Euclidean spaces," *Ann. Acad. Sci. Fenn. Math.* **45** (2020), no. 2, 931–955.
11. Hajłasz, P.; **Zimmerman, S.**, "An implicit function theorem for Lipschitz mappings into metric space," *Indiana Univ. Math. J.* **69** (2020), no. 1, 205–228.
12. Pinamonti, A.; Speight, G.; **Zimmerman, S.**, "A $C^m$ Whitney extension theorem for horizontal curves in the Heisenberg group," *Trans. Amer. Math. Soc.* **371** (2019), no. 12, 8971–8992.
13. **Zimmerman, S.**, "Sobolev extensions of Lipschitz mappings into metric spaces," *Int. Math. Res. Not. IMRN* (2019), no. 8, 2241–2265.
14. Chousionis, V.; Li, S.; **Zimmerman, S.**, "The traveling salesman theorem in Carnot groups," *Calc. Var. Partial Differential Equations* **58** (2019), no. 1, Paper No. 14, 35 pp.
15. Hajłasz, P.; Malekzadeh, S.; **Zimmerman, S.**, "Weak BLD mappings and Hausdorff measure," *Nonlinear Anal.* **177** (2018), 524–531.
16. **Zimmerman, S.**, "The Whitney extension theorem for $C^1$ horizontal curves in the Heisenberg group," *J. Geom. Anal.* **28** (2018), no. 1, 61–83.
17. Hajłasz, P.; **Zimmerman, S.**, "The Heisenberg groups," in *Function Spaces–Embeddings and Extrapolation X*, Lecture Notes Paseky Spring Schools in Analysis (2017), J. Lukeł and L. Pick, eds., MatfyzPress, 93–155.
18. Hajłasz, P.; **Zimmerman, S.**, "The Dubovitskiĭ–Sard theorem in Sobolev spaces," *Indiana Univ. Math. J.* **66** (2017), no. 2, 705–723.
19. Hajłasz, P.; **Zimmerman, S.**, "Geodesics in the Heisenberg group," *Anal. Geom. Metr. Spaces* **3** (2015), no. 1, 325–337.

### Peer-Reviewed Publication in Education

1. Orban, C. M.; **Zimmerman, S.**; Kulp, J. T.; Boughton, J.; Perrico, Z.; Rapp, B.; Teeling-Smith, R., "Methods to simplify object tracking in video data," *Phys. Teach.* **61** (2023), no. 7, 576–579.

### Submitted

1. Speight, G.; **Zimmerman, S.**, "A Lipschitz curve in a Carnot group that is purely unrectifiable by smooth horizontal curves," submitted (2026).

### In Preparation

1. Hajłasz, P.; **Zimmerman, S.**, "Sobolev extensions of maps into metric spaces."
2. Speight, G.; **Zimmerman, S.**, "Total non-pliability of free Carnot groups."

## Awards and Grants

**Marion Campus Teaching Award** **2025**

Honors regular faculty members annually for excellence in teaching at the Marion campus

**Ohio State Energy Partners Academic Collaboration Award** **2025**

$20,000 grant for "The STEMcoding Data Science High School Curriculum Initiative"

**The Ohio State University Outreach and Engagement Award** **2024**

For scholarship and community impact produced through the STEMcoding High School Data Science Curriculum

**American Institute of Physics Meggers Award** **2022**

$12,500 grant supporting high-school physics teaching improvements via STEMcoding Data Science Curriculum

**SET Teaching Excellence** **2018, 2019, 2020**

Recognition of consistently high Student Experience of Teaching scores

**Thomas C. Hales Distinguished Research Award** **2018**

Annual prize for best doctoral dissertation defended by a mathematics grad student at the University of Pittsburgh

**Andrew Mellon Predoctoral Fellowship** **2015–2016**
Awarded to doctoral students of exceptional ability and promise

**Mathematics Department Teaching Assistant Excellence** **2015**
Awarded for excellence in mathematics teaching at the University of Pittsburgh

## Invited and Contributed Presentations

### Mathematical Meetings

1. **An introduction to Carnot Groups** **June 12, 2026**
   Workshop in Geometric Analysis
   Mathematical Institute of the Polish Academy of Sciences, Warsaw, Poland
2. **Extending curves in metric spaces II: bi-Lipschitz arcs** **June 5, 2026**
   Simons Semester in Geometric Analysis
   Mathematical Institute of the Polish Academy of Sciences, Warsaw, Poland
3. **Extending curves in metric spaces I: smooth curves in Carnot groups** **June 1, 2026**
   Simons Semester in Geometric Analysis
   Mathematical Institute of the Polish Academy of Sciences, Warsaw, Poland
4. **Bi-Lipschitz segments in metric spaces** **Oct. 25, 2025**
   Advances and Connections of Modern Geometric Function Theory Conference
   University of Michigan, Ann Arbor, MI
5. **Sobolev extensions of maps into metric spaces** **Oct. 5, 2025**
   Special Session on Quantitative Topology and Analysis
   AMS Sectional Meeting, New Orleans, LA
6. **Sobolev extensions of maps into metric spaces** **Oct. 20, 2024**
   Special Session on Harmonic Analysis, Theory of Function Spaces and Their Applications
   AMS Sectional Meeting, Albany, NY
7. **Unif. conv. of Pansu difference quotients for $C^1$ horizontal maps between Carnot groups** **Oct. 19, 2024**
   Special Session on Nonsmooth Analysis and Geometry
   AMS Sectional Meeting, Albany, NY
8. **Singular integrals on regular, smooth curves in Carnot groups and Banach duals** **May 2023**
   Great Plains Operator Theory Symposium
   The Ohio State University, Columbus, OH
9. **Differentiation of Lipschitz mappings into metric spaces** **Apr. 2023**
   Special Sess. on Interactions b/w Analysis, PDE, and Probability in Non-smooth Spaces
   AMS Sectional Meeting, Cincinnati, OH
10. **Differentiation of Lipschitz mappings into metric spaces** **Jan. 2023**
    Special Session on Analysis and Differential Equations at Undergraduate Institutions
    Joint Mathematics Meetings, Boston, MA
11. **Differentiation of Lipschitz mappings into metric spaces** **Oct. 2022**
    Special Session on Nonsmooth Analysis and Geometry
    AMS Sectional Meeting, Amherst, MA
12. **Whitney's extension theorem for curves in the Heisenberg group** **June 2022**
    51st John H. Barrett Memorial Lectures
    University of Tennessee, Knoxville, TN
13. **Whitney's extension theorem for curves in the Heisenberg group** **Apr. 2022**
    Ohio River Analysis Meeting
    University of Kentucky, Lexington, KY
14. **Identifying 1-rectifiable measures in Carnot groups** **Mar. 2022**
    Special Session on Geometry of Measures and Metric Spaces
    AMS Sectional Meeting, virtual
15. **Whitney's extension theorem for curves in the Heisenberg group** **Mar. 2022**
    Special Session on Analysis and Probability in Sub-Riemannian Geometry

AMS Sectional Meeting, virtual

16. **What is the Heisenberg group?** **Oct. 2021**
Special Session on Analysis and Differential Equations at Undergraduate Institutions
AMS Sectional Meeting, virtual

17. **Whitney's extension theorem for curves in the Heisenberg group** **July 2021**
14th Whitney Problems Workshop
Virtual

18. **Singular integrals on regular, smooth curves in Carnot groups and Banach duals** **Apr. 2021**
Special Session on Nonsmooth Analysis and Geometry
AMS Sectional Meeting, virtual

19. **Singular integrals on regular, smooth curves in Carnot groups and Banach duals** **Mar. 2021**
Ohio River Analysis Meeting
Virtual

20. **Singular integrals on regular, smooth curves in Carnot groups and Banach duals** **Mar. 2021**
Special Session on Metric Techniques in Analysis
AMS Sectional Meeting, virtual

21. **Whitney extensions for curves in the Heisenberg group** **Jan. 2021**
Special Session on Analysis and Differential Equations at Undergraduate Institutions
Joint Mathematics Meetings, virtual

22. **The Heisenberg group** **Oct. 2020**
Mathematics Continued: A Conference for Undergraduate Students
University of Connecticut, virtual

23. **Whitney extension theorems in the Heisenberg group** **Sept. 2019**
Northeast Analysis Network
University of Connecticut, Storrs, CT

24. **Bi-Lipschitz embeddings of Heisenberg submanifolds into Euclidean space** **Sept. 2019**
Special Session on Analysis and Probability on Metric Spaces and Fractals
AMS Sectional Meeting, Madison, WI

25. **The Whitney extension theorem in the Heisenberg group** **Apr. 2019**
Dynamics, Measures and Dimensions
Bedlewo, Poland

26. **Bi-Lipschitz embeddings of Heisenberg submanifolds into Euclidean space** **Mar. 2019**
Ohio River Analysis Meeting
University of Cincinnati, Cincinnati, OH

27. **The traveling salesman theorem in Carnot groups** **Sept. 2018**
Special Session on Modern Quasiconformal Analysis and Geometric Function Theory
AMS Sectional Meeting, Newark, DE

28. **Applications of a change of variables for Lipschitz mappings into metric spaces** **Apr. 2018**
Special Session on Analysis and Geometry in Non-smooth Spaces
AMS Sectional Meeting, Boston, MA

29. **Applications of a change of variables for Lipschitz mappings into metric spaces** **Feb. 2018**
Subriemannian Geometry and Beyond
University of Jyväskylä, Finland

30. **Geometry and analysis in the Heisenberg group** **Nov. 2017**
Nonsmooth Analysis: A Workshop for Postdocs
University of Connecticut, Storrs, CT

31. **Sobolev extensions of Lipschitz mappings into metric spaces** **Mar. 2017**
Analysis on Metric Spaces
University of Pittsburgh, Pittsburgh, PA

32. **Sobolev extensions of Lipschitz mappings into metric spaces** **Mar. 2017**
Ohio River Analysis Meeting
University of Cincinnati, Cincinnati, OH

33. **Sobolev extensions of Lipschitz mappings into metric spaces** **Aug. 2016**
Harmonic Analysis, Complex Analysis, Spectral Theory and All That
Bedlewo, Poland

34. **The Whitney extension theorem for $C^1$ horizontal curves in $\mathbb{H}^n$** **Jan. 2016**
Special Session on Analysis and Geometry in Nonsmooth Metric Measure Spaces
Joint Mathematics Meetings, Seattle, WA

35. **Whitney's extension theorem for curves in the Heisenberg group $\mathbb{H}^n$** **June 2015**
Workshop on Analysis and Geometry in Metric Spaces
ICMAT, Madrid, Spain

36. **Geodesics in the Heisenberg group $\mathbb{H}^n$** **May 2015**
Seminar, Research Term on Analysis and Geometry in Metric Spaces
ICMAT, Madrid, Spain

37. **Dubovitskiĭ-Sard theorem for Sobolev mappings** **Mar. 2014**
Poster, Advances in Nonlinear Analysis International Workshop
University of Pittsburgh, Pittsburgh, PA

38. **A characterization of Banach spaces via the complemented subspace problem** **Aug. 2010**
Poster, MathFest
Pittsburgh, PA

39. **The decimal expansion of $1/2007$** **2007**
Presentations
Miami University; Pi Mu Epsilon Regional Conference; Ohio Section Meeting of the MAA

## University Seminars and Colloquia

1. **What is the Heisenberg group?** **Apr. 2, 2026**
Radical Pi Undergraduate Math Seminar | The Ohio State University, Columbus, OH

2. **Bi-Lipschitz arcs in metric spaces** **Nov. 20, 2025**
Analysis and Operator Theory Seminar | The Ohio State University, Columbus, OH

3. **Sobolev extensions of maps into metric spaces** **Mar. 27, 2025**
Analysis Seminar | University of Tennessee, Knoxville, TN

4. **Bi-Lipschitz arcs in metric spaces** **Oct. 10, 2024**
Colloquium | University of Cincinnati, Cincinnati, OH

5. **Bi-Lipschitz curves in metric spaces** **Mar. 2024**
Geometry MMA Seminar | George Mason University, Fairfax, VA

6. **Whitney's extension theorem for curves in the Heisenberg group** **Feb. 2023**
Analysis and Operator Theory Seminar | The Ohio State University, Columbus, OH

7. **The Heisenberg group** **Nov. 2021**
Colloquium | Augustana University, Sioux Falls, SD

8. **Whitney's extension theorem for curves in the Heisenberg group** **Oct. 2021**
Analysis and Operator Theory Seminar | The Ohio State University, Columbus, OH

9. **Analysis and geometry in Carnot groups** **Sept. 2020**
Invitations to Mathematics | The Ohio State University, Columbus, OH

10. **Analysis on curves in Carnot groups** **Feb. 2020**
Job talk | The Ohio State University, Columbus, OH

11. **The Heisenberg group** **Jan. 2020**
Invited talk | Rose-Hulman Institute of Technology, Terre Haute, IN

12. **Analysis on curves in Carnot groups** **Jan. 2020**
Invited talk | DePaul University, Chicago, IL

13. **Whitney extension theorems in the Heisenberg group** **Oct. 2019**
Colloquium | Ball State University, Muncie, IN

14. **The Whitney extension theorem** **Sept. 2019**
Data Blitz Competition | University of Connecticut, Storrs, CT

15. **The traveling salesman theorem in Carnot groups** — **Oct. 2018**
Invited talk | University of Cincinnati, Cincinnati, OH
16. **The traveling salesman theorem in Carnot groups** — **Sept. 2018**
Analysis and Probability Seminar | University of Connecticut, Storrs, CT
17. **Solving the game of Nim** — **Feb. 2018**
Math Club Seminar | University of Connecticut, Storrs, CT
18. **Extension problems in the Heisenberg group** — **Dec. 2017**
Invited talk | Worcester Polytechnic Institute, Worcester, MA
19. **An introduction to analysis and geometry in the Heisenberg groups** — **Nov. 2017**
Invited talk | Wesleyan University, Middletown, CT
20. **An introduction to the Heisenberg group** — **Nov. 2017**
SIGMA Seminar | University of Connecticut, Storrs, CT
21. **Sobolev extensions of Lipschitz mappings into metric spaces** — **Sept. 2017**
Analysis Learning Seminar | University of Connecticut, Storrs, CT
22. **Whitney's extension theorem for curves in the Heisenberg group** — **Sept. 2017**
Analysis Learning Seminar | University of Connecticut, Storrs, CT
23. **Geodesics in the Heisenberg group $\mathbb{H}^n$** — **Aug. 2017**
Analysis Learning Seminar | University of Connecticut, Storrs, CT
24. **Surface immersions in the Heisenberg group** — **May 2016**
Geometric Analysis Seminar | University of Pittsburgh, Pittsburgh, PA
25. **Sobolev extensions of Lipschitz mappings into metric spaces** — **Apr. 2016**
Invited talk | University of Cincinnati, Cincinnati, OH
26. **Lipschitz extensions in metric spaces** — **Apr. 2016**
Geometric Analysis Seminar | University of Pittsburgh, Pittsburgh, PA
27. **An introduction to the Heisenberg group** — **Jan. 2016**
Undergraduate Math Seminar | University of Pittsburgh, Pittsburgh, PA
28. **Sard in Sobolev space and curves in the Heisenberg group** — **Nov. 2015**
Graduate Student Seminar | University of Pittsburgh, Pittsburgh, PA
29. **Geodesics in the Heisenberg group** — **Dec. 2014**
Geometric Analysis Seminar | University of Pittsburgh, Pittsburgh, PA
30. **Properties of $c_0$, $\ell^1$, and $\ell^\infty$** — **Feb. 2014**
Graduate Functional Analysis Seminar | University of Pittsburgh, Pittsburgh, PA
31. **Lipschitz extensions of mappings into Lipschitz-connected metric spaces** — **Nov. 2013**
Geometric Analysis Seminar | University of Pittsburgh, Pittsburgh, PA
32. **The unrectifiability of $\mathbb{H}^n$** — **Oct. 2013**
Geometric Analysis Seminar | University of Pittsburgh, Pittsburgh, PA
33. **Whitney extension theorem** — **Jan. 2013**
Geometric Analysis Seminar | University of Pittsburgh, Pittsburgh, PA
34. **The Sard theorem** — **Oct. 2012**
Geometric Analysis Seminar | University of Pittsburgh, Pittsburgh, PA

## Teaching

### Teaching Endorsements

**Evidence-Based Course Design for Higher Education** — **Feb. 2026**
Michael V. Drake Institute for Teaching and Learning

**Teaching and Learning to Build AI Fluency** — **Feb. 2026**
Michael V. Drake Institute for Teaching and Learning

### Courses Taught

**The Ohio State University at Marion** — **Assistant/Associate Professor**

- MATH 1075 Precollege Mathematics II; MATH 1149 Trigonometry; MATH 1151 Calculus I; MATH 1125 Mathematics for Elementary Teachers I; MATH 1126 Mathematics for Elementary Teachers II; MATH 1135 Number and Operations for Teachers; MATH 1136 Measurement and Geometry for Teachers; MATH 2138 Calculus and Its History for Teachers; MATH 3345 Foundations of Higher Mathematics

**University of Connecticut** — **Assistant Research Professor**

- MATH 2360 Geometry; MATH 2410 Elementary Differential Equations; MATH 2420 Honors Differential Equations; MATH 3150 Analysis I

**University of Pittsburgh** — **TA Mentor and Teaching Assistant**

- MATH 0120 Business Calculus; MATH 0220–0240 Calculus and Analytic Geometry I–III; MATH 0290 Differential Equations
- Mentored teaching assistants through classroom observations and performance assessment

**John Carroll University** — **Visiting Instructor; Grader and Tutor**

- MATH 120 Elementary Statistics I; MATH 167 Mathematics of Change and Chance
- Grader and tutor for undergraduate mathematics courses

## Professional Service

### Professional

**Junior Leader, Simons Semester in Geometric Analysis** — **2026**
Warsaw, Poland
Mentored graduate students, presented seminars, maintained presence at institute for one month

**Scientific Committee, 48th Summer Symposium in Real Analysis** — **2025–2026**
Real Analysis Exchange; St. Louis, Missouri
Selected and invited speakers for the conference

**Organizing Committee, Modern Advances in Geometric Analysis** — **2025–2026**
Conference honoring Piotr Hajłasz's 60th birthday; Bedlewo, Poland
Organized speakers, website, and communication prior; managed technology and logistics during conference

**Ph.D. Dissertation Committee, Jacob Honeycutt** — **2025**
University of Tennessee, Knoxville

**SLMath (MSRI) Special Session Organizer** — **2024–2025**
Joint Mathematics Meetings, Seattle

**Ph.D. Dissertation Committee, Hyogo Shibahara** — **2023**
University of Cincinnati

**Summer Institute on Equity in the Academic Experience** — **2023**
Team member, The Ohio State University

**AMS Special Session Organizer** — **2022**
Joint Mathematics Meetings, Seattle

**Analysis and Probability Seminar Organizer** — **2019–2020**
University of Connecticut

**AMS Special Session Organizer** — **2019**
AMS Spring Sectional Meeting, Hartford

**MathSciNet Reviewer** — **2019–present**

**zbMATH Reviewer** — **2020–present**

**Journal Referee** — **2018–present**
IMRN; Rev. Mat. Iberoam.; Osaka J. Math.; Anal. Math. Phys.; ESAIM: COCV; Calc. Var. PDE; J. London Math. Soc.; AIMS Press; J. Geom. Anal.; Mathematics Magazine

## Department and Campus

**Seminar in Geometric & Metric Analysis** **2026–present**
The Ohio State University Department of Mathematics
Co-creator, organizer, and webmaster of department seminar

**Math Education Committee** **2026–present**
The Ohio State University Department of Mathematics

**Faculty Representative for Music Club** **2024–present**
Ohio State Marion
Participate in and perform at Music Club events alongside undergraduates

**Social Committee Chair** **2022–present**
The Ohio State University Department of Mathematics
Single-handedly organize annual department picnic, duties include reserving space, organizing catering, communicating with department members, and handling registration

**Postdoctoral Search Committee** **2025–2026**
The Ohio State University Department of Mathematics
Collected, evaluated, and recommended hirings for all postdoctoral positions in the department

**Search Committees** **2023–2024**
Ohio State Marion
For positions of Executive Administrative Assistant and Senior Lecturer of Mathematics

**Prairie Advisory Committee** **2023–2024**
Ohio State Marion

**Professional Development Committee** **2022–2024**
Ohio State Marion

**Social Affairs Committee** **2022–2025**
Ohio State Marion

**Officer and President, Mathematics Graduate Student Organization** **2011–2017**
University of Pittsburgh

**Graduate and Professional Student Government representative** **2015–2016**
University of Pittsburgh

**Arts & Sciences GSO representative** **2014–2016**
University of Pittsburgh

**University Planning & Budgeting Committee representative** **2014–2015**
University of Pittsburgh

## Community and Outreach

**Board Member at Large, STEMcoding Education Ohio** **2024–present**
501(c)(3) nonprofit organization

**Organizer and Volunteer, Marion High School Math Competition** **2021–present**
Ohio State Marion
Organize, co-lead, and present at math competition for local high school student

**Organizer and Volunteer, Marion Middle School Math Competition** **2022–present**
Ohio State Marion
Organize, co-lead, and present at math competition for local middle school student

**Organizer and Volunteer, BAMM Summer Camp** **2022–present**
Buckeye AHA! Math Moments, The Ohio State University

**Program Specialist, STEM Summer Camp for High School Students** **2022–present**
Ohio State Marion
Led the “Cardboard Boat Regatta” education session, building, and race

**Program Specialist, Summer Engineering Camp for Middle School Students** **2022–present**
Ohio State Marion
Led the “Cardboard Boat Regatta” education session, building, and race

**STEMcoding Project** **2022–present**
Ohio State Marion
Activities include meetings with teachers and administration, leading professional development trainings, and mini courses in local high schools

**Volunteer, MATHCOUNTS Eastern Chapter** **2019**
University of Connecticut

**Volunteer, Math Kangaroo Competition** **2017**
University of Connecticut

## Professional Memberships

American Mathematical Society | Ohio Council of Teachers of Mathematics | The Association for Mathematical Research