

KATERI A. STERNBERG

EDUCATION

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| PhD | University of Delaware, Education | Expected August 2024 |
| MEd | University of Notre Dame, Education | May 2019 |
| BS | University of Scranton, Mathematics & Philosophy | May 2017 |

PUBLICATIONS

Peer-Reviewed Publications

Litke, E., Corven, J., & **Sternberg, K. A.** (2023). Algebra-focused features of instruction: an integrated investigation of curricular guidance and instructional enactment. *Journal of Mathematics Teacher Education*, 1-30. doi: 10.1007/s10857-023-09573-8

Peer-Reviewed Conference Proceedings

Sternberg, K. A. (2021). Middle school math pre-service teachers and ability-based course assignment: experiences, beliefs, and dispositions. In Olanoff, D., Johnson, K., & Spitzer, S. (Eds.) *Proceedings of the forty-third annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education. Philadelphia, PA.*

HONORS AND AWARDS

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| University of Delaware Doctoral Fellowship for Excellence (\$30,000) | 2023–2024 |
| First Prize, Graduate Student Poster University of Delaware Steele Symposium | 2021 |
| Dean’s Scholar School of Education, University of Delaware | 2019–Present |

RESEARCH EXPERIENCE

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|---|-----------|
| Transforming and Understanding Professional Learning, University of Delaware, School of Education (PIs: Dr. James Hiebert, Dr. Erica Litke, Dr. Lynsey Gibbons) <i>Graduate Research Assistant</i> | 2021–2022 |
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Instructional Improvement in Algebra
University of Delaware, School of Education
(PI: Dr. Erica Litke)
Graduate Research Assistant

2019–2021

Refining Cellular Automatic Updating Rules to Model Mean Curvature Flow
Kansas State University, Mathematics Department
(Advisor: Dr. Jeremy LeCrone)
Undergraduate Researcher

2015

PRESENTATIONS

Sternberg, K. *Designing a Survey to Understand Teachers' Beliefs about Equity in Teaching Math*. Pennsylvania Association of Mathematics Teacher Educators' 17th annual symposium, Shippensburg, PA. May 2023

Sternberg, K. *Preservice Teachers' Dispositions toward Detracking Mathematics: Four Cases of Future Middle School Math Teachers*. Paper presentation. Association of Mathematics Teacher Educators, New Orleans, LA. February 2023

Sternberg, K. *Detracking Mathematics: Middle School Pre-Service Teachers' Experiences and Beliefs*. Pennsylvania Association of Mathematics Teacher Educators' 16th annual symposium, Shippensburg, PA. May 2022.

Sternberg, K. A., Litke, E., & Hiebert, J. *Mathematics Coaches' Perspectives on Professional Development Experiences*. Paper presentation, American Education Research Association, San Diego, CA. April 2022

Sternberg, K. A. *Middle School Math Pre-Service Teachers' Experiences with and Beliefs about Ability-Based Course Assignment*. Poster, Steele Symposium, University of Delaware, Newark, DE. April 2021. **First Prize, Graduate Student Poster.**

Litke, E., & **Sternberg, K. A.** *Supporting Incremental Improvement in Algebra Teaching: A Professional Development Approach*. Paper presentation. Association of Mathematics Teacher Educators (virtual). February 2021.

Sternberg, K. *Discovering Desmos*. Rio Grande Valley Council of Teachers of Mathematics Fall Conference, Edinburg, TX. November 2018.

Sternberg, K., Smith, J., Reaker, A., & Comuniello, F. *Your Body Speaks, Just*

