



# B. SUMEYYE KURUTAS

Ph.D. Student |  
Research Assistant

## CONTACT

✉ sumeyyek@udel.edu

📍 Newark, DE

## ABOUT ME

I am a Ph.D. student with a research interest in mathematics teacher learning and teacher professional development programs.

## ADVISOR

Professor Dr. Amanda Jansen

Email: jansen@udel.edu

Office: 105A Willard Hall

## LANGUAGE

English - Advanced

Turkish - Native

## EDUCATION

- **2021 - Present**  
University of Delaware  
**Ph.D. in Education**  
**Specialized in Mathematics Education**
- **2018 - 2020**  
Bogazici University  
**Master of Science in Mathematics and Science Education**  
Thesis: Exploration of Effective Professional Development Characteristics from the Perspective of Integrated Teaching Project's Coordinator, Facilitator, and Participants
- **2019**  
University of Jvaskylä  
**Master of Science in Educational Sciences**  
**Student Exchange Program**
- **2012 - 2017**  
Bogazici University  
**Bachelor of Science in Secondary School Mathematics Education**
- **2008 - 2012**  
75. Yil Anatolian Teacher Training High School  
**Specialized in Quantitative Subjects**

## WORK EXPERIENCE

- **2021 - Present**  
University of Delaware, DE  
**Research Assistant**  
I am working on NSF-funded project that focuses on teacher learning with Dr. James Hiebert, Dr. Erica Litke, and Dr. Lynsey Gibbons.
- **2023**  
University of Delaware, DE  
**Instructor of Record**  
I was responsible for instruction, evaluation, and final grade submission MATH 251 - Mathematics for K-8 Teachers: Number and Operations.
- **2020 - 2021**  
Ihsan International School, Istanbul  
**Mathematics Teacher**  
I taught 6th grade mathematics by using Mcgraw-Hill Education Math as a curriculum material.
- **2019**  
Bogazici University Lifelong Learning Center, Istanbul  
**Student Assistant**  
Interacted with students professionally to provide information and directed them to desired staff members, coordinated where and when educations will take place and provided regarded sources for professors.
- **2017 - 2018**  
Westminster International School, Pisa  
**Assistant Teacher**  
Partnered with teacher to plan and implement lessons according to IB curriculum, goals, objectives and philosophies, attended training classes, parent conferences, and faculty meetings to stay up-to-date on student progress.



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## RESEARCH INTERESTS

- Mathematics Teacher Learning
- Mathematics Teacher Education
- Teacher Professional Development Programs
- Effective Mathematics Teaching Practices
- Reflective Practice
- Integrated Teaching Methods (STEM)

## PUBLICATIONS

- Yabas, D., Canbazoglu Bilici, S., Abanoz, T., **Kurutas, B. S.**, Corlu, M. S. (2023). An exploration of co-teaching in STEM teacher professional development programs in Turkey. In S. M. Al-Balushi, L. Martin-Hansen, & Y. Song (Eds.), *Reforming science teacher education programs in the STEM era: International and comparative perspectives* (pp. 199-215). Springer International Publishing.
- Corlu, M. S., **Kurutas, B. S.**, & Ozel, S. (2023). Effective online professional development: A facilitator's perspective. In M. Ludwig, S. Barlovits, A. Caldeira, & A. Moura (Eds.), *Research on STEM Education in the Digital Age. Proceedings of the ROSEDA Conference* (pp. 9-23). WTM.  
<https://doi.org/10.37626/GA9783959872522.0.02>
- Yabas, D., **Kurutas, B. S.**, & Corlu, M. S. (2022). Empowering girls in STEM: Impact of the girls meet science project. *School Science and Mathematics, 122*(5), 247-258.
- **Kurutas, B. S.** (2020). *Exploration of effective professional development characteristics from the perspective of integrated project's professional development coordinator, facilitator, and participants*, Master of Science Thesis, Bogazici University.
- Van de Walle, J. A., Karp, K. S., & Bay-Williams, J. M. (2019). Elementary and middle school mathematics: Teaching developmentally (**Kurutas, B.S.**, Ozel, S. & Yetkiner Özel, Z. E. Trans.). In S. Durmus (Ed.), *Developing fraction concepts* (337-373), Ankara, Turkey: Nobel Akademik.

## ACADEMIC PRESENTATIONS

- **Kurutas, B. S.** (2024, Feb 8). Reflective journaling as a tool for understanding teacher learning. Poster presented at the research conference of the Association of Mathematics Teacher Educators, Orlando FL.
- **Kurutas, B. S.** (2023, Oct 24). Reflective journaling as a tool for understanding teacher learning. Poster presented at the research conference of the National Council of Teachers of Mathematics, Washington DC.
- Gibbons, L., Hiebert, J., **Kurutas, B. S.**, & Litke, E. (2023, Apr 16). Specifying a mathematics coaching theory of action. Paper presented at the annual meeting of the American Educational Research Association, Chicago, IL.
- **Kurutas, B. S.**, Maxwell, V., Riser, J., Gibbons, L., & Hiebert, J. (2023, Feb 2). Unpacking a theory of action for supporting the learning of mathematics coaches. Presentation at the annual conference of the Association of Mathematics Teacher Educators, New Orleans, LA.