Dr. Sonalee Bhattacharyya

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Education

Fall 2023 – current MS student in Data Science, University of Texas at Austin

Spring 2012- Fall 2018: Mathematics Education Phd Student, Texas State University

(Phd awarded August 2018)

Fall 2009-Fall 2011: Mathematics MS Student, Texas State University

(M.S. awarded December 2011)

Spring 2005: Math in Moscow Program

1999-2005: B.S. in Math, Texas A&M University, Minor in English

(B.S. awarded May 2005)

Relevant teaching Experience

2018- current: Lecturer, Mathematics Department, Texas State University
2011 – 2017: Teaching Assistant, Mathematics Department, Texas State University
2017: Lab Tutor, Texas State University
2008-2009 School Year – Seventh Grade Mathematics Teacher – Mendez Middle School

Courses/labs taught

Mathematics for Elementary School Teachers (Principles of Mathematics)

Developmental Mathematics

Statistics

Business Calculus

Lab for Pre-Calculus

Lab for Calculus 1

Lab for Calculus II

Relevant work experience

Curriculum Development: co-authored a student workbook and teacher guide for advanced middle-school students, co-developed research based activities for middle-school students to be used by teachers in a junior summer math camp.

Preservice Teachers Research Project: collaborated on a research project based on the investigation of the development of professional teacher noticing among pre-service teachers.

Teaching Video Project: collaborated on creating a video database of over 35 hours of classroom teaching, coded the video segments and coded the video segments to illustrate guiding principles.

Work-study for CUNY Graduate Center Math Department (setting up for conferences)

Mathematics Tutor at Austin Community College and for Group Excellence

Conferences

ISPAN (2013)

JMM (January 2015) to present a paper (in San Antonio)

RUME (Research in Undergraduate Mathematics Education in Pittsburgh, February 2015) and presented a paper.

PMENA (2016)

AMTE (2016)

Peer-Reviewed Publications

Namakshi, N., Bhattacharyya, S., Starkey, C., & Linker, J.M. (2015). Mystical Magic Squares. Mathematics Teaching in Middle School, 20 (6), 372-374.

Warshauer, H., Strickland, S., Namakshi, N., Hickman, L., & Bhattacharyya, S. (2015). Development of Preservice Teacher Noticing in a Content Course. In Bartell, T.G., Bieda, K. N., Putnam, R.T., Bradfield, K., & Dominguez, H. (Eds.), Proceedings of the 37th annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education. East Lansing, MI: Michigan State University. 3

Zunker, C., Starkey, C., Namakshi, N., & Bhattacharyya, S. (accepted). What's in a cube? Mathematics Teacher.

Bhattacharyya, S., Namakshi, N., Zunker, C., Warshauer, H., & Warshauer, M. Mystery Fractions Mathematics Teaching in Middle School.

Namakshi, N., Warshauer, H., Bhattacharyya, S., Koehne, C., & Warshauer, M. The Tortoise and the Hare: Investigating Rates

OTHER PUBLICATIONS

Bhattacharyya, S., Namakshi, N., Starkey, C., Zunker, C., McCabe, T., Warshauer, H., & Warshauer, M. (2015). Math Quest: Level 5 Teacher's Edition. San Marcos, TX: Texas State University - Mathworks.

Bhattacharyya, S., Namakshi, N., Starkey, C., Zunker, C., McCabe, T., Warshauer, H., & Warshauer, M. (2015). Math Quest: Level 5 Student's Edition. San Marcos, TX: Texas State University - Mathworks.

PRESENTATIONS

Warshauer, H., Strickland, S., Namakshi, N., Bhattacharyya, S., & Hickman, L.Using Student Work to Enhance Preservice Teachers' Noticing and Content Knowledge, Paper to be presented at the 20th Annual Association of Mathematics, Teacher Educators (AMTE) Conference in Irvine, CA, January 2016.

Warshauer, H., Strickland, S., Namakshi, N., Hickman, L., & Bhattacharyya, S. (2015). Development of Preservice Teacher Noticing in a Content Course, Paper presented at the 37th Conference of the North American Chapter of the

Psychology of Mathematics Education in East Lansing, MI, November 2015.

SCHOLARSHIPS

Wayment Endowed Scholarship ($1000) - 2014

Dissertation Fellowship - ($5000) - 2016