

CURRICULUM VITAE

SEPTEMBER 2026

EUN MI KIM

EDUCATION

- 2016 Ph.D. Mathematics Education, Michigan State University, East Lansing, MI
2005 drs. Mathematics and Science Education (with Cum Laude), Universiteit van Amsterdam, Amsterdam, Netherlands
2001 M.S. Mathematics Education, Ewha Womans University, Seoul, South Korea
1999 B.S. Mathematics, Seoul Women's University, Seoul, South Korea

POSITIONS AND HONORS

Professional Employment

- 2023-present *Associate Researcher Senior and Math Research Lead*, Center for Accessible Teaching, Learning and Assessment Systems (ATLAS), Achievement & Assessment Institute, University of Kansas, Lawrence, KS
2018-2023 *Associate Researcher and Math Research Lead*, Center for Accessible Teaching, Learning and Assessment Systems (ATLAS), Achievement & Assessment Institute, University of Kansas, Lawrence, KS
2016-2018 *Consultant*, Educational Testing Service (ETS), Princeton, NJ
2010-2016 *Graduate Assistant*, Michigan State University, East Lansing, MI
2008-2009 *Research Assistant*, Educational Information Disclosure of Educational Statistics and Information Research Division, Korean Educational Development Institute (KEDI), Seoul, South Korea
2007-2008 *Research Assistant*, Primary and Secondary Education Research Division, Korean Educational Development Institute (KEDI), Seoul, South Korea
1999-2001 *Graduate Assistant*, Ewha Womans University, Seoul, South Korea

Professional Association Memberships

- North American Chapter of the International Group for the Psychology of Mathematics Education, 2013, 15, 21
American Educational Research Association, 2018-19
National Council of Teachers of Mathematics, 2015-18, 24
Michigan Council of Teachers of Mathematics, 2013, 16

CONTRIBUTIONS TO EDUCATION RESEARCH/CONFERENCE

Learning Progression

Publication

1. Kim, E. M., Oláh, L. N., & Peters, S. (2020). *A learning progression for constructing and interpreting data display* (Research Report No. RR-20-03). Educational Testing Service.
2. Kim, E. M. & Oláh, L. N. (2019). *Elementary students' understanding of geometrical measurement in three dimensions* (Research Report No. RR-19-14). Educational Testing Service.

3. Kim, E. M., Haberstroh, J., Peters, S., Howel, H., & Oláh, L. N. (2017). *A learning progression for geometrical measurement in one, two, and three dimensions* (Research Report No. RR-17-55). Educational Testing Service.

Conference proceeding

4. Oláh, L. N., & Kim, E. M. (2021). Students' early constructing and interpreting their data displays of categorical data. *Proceedings of the 43rd annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education*.

Conference presentation

5. Oláh, L. N. & Kim, E. M. (2021, October). *Students' early constructing and interpreting their data displays of categorical data*. Paper presented at the 43rd annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education (PME-NA), Philadelphia, PA.
6. Haberstroh, J., Kim, E. M., & Peters, S. (2015, December). *CBALTM mathematics learning progressions project: Measurement learning progression*. Poster presented at Educational Testing Service (ETS), Princeton, NJ.

Mathematics Knowledge Development

Conference proceeding

7. Kim, E. M. (2013). Preservice elementary school teachers' mathematical knowledge of volume measurement. In M. V. Martinez & A. C. Superfine (Eds.), *Proceedings of the 35th annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education* (pp. 211-214). University of Illinois at Chicago.

Conference presentation

8. Kim, E. M. (2013, November). *Preservice elementary school teachers' mathematical knowledge of volume measurement*. Paper presented at the 35th annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education (PME-NA), Chicago, IL.
9. Kim, E. M., & Nimtz, J. L. (2013, August). *Preservice elementary school teachers' mathematical knowledge of volume measurement*. Presentation given at the 64th Annual Michigan Council of Teachers of Mathematics (MCTM) Institute and Conference, Traverse City, MI.
10. Kim, E. M., & Senk, S. (2012, April). *Future lower secondary school mathematics teachers' knowledge of deductive reasoning*. Paper presented at the interactive paper session of the National Council of Teachers of Mathematics (NCTM) 2012 Research Presession, Philadelphia, PA.

Assessment/Curriculum Development

Publication

11. Kim, E. M., Nash, B., & Swinburne Romine, R. (2024). *Pathways for instructionally embedded assessment (PIE): Developing learning pathways for the PIE assessment system*. Lawrence, KS: University of Kansas, Center for Accessible Teaching, Learning, and Assessment Systems (ATLAS).
12. Howell, H., Lai, Y., Oláh, L. N., DeLucia, M., & Kim, E. M. (2021). *Ms. Morgan's interpretation: An instructional minicase on evaluating student approaches to a problem of linear functions* (Research Memorandum No. RM-21-04). Educational Testing Service.
13. Howell, H., Lai, Y., Oláh, L. N., DeLucia, M., & Kim, E. M. (2021). *Ms. William's analysis: An instructional minicase on interpreting student work about the simplification of*

exponential expressions (Research Memorandum No. RM-21-05). Educational Testing Service.

14. Oláh, L. N., Howell, H., Lai, Y., DeLucia, M., & Kim, E. M. (2020). *Mr. Lee's dilemma: An instructional minicase on evaluating student approaches to comparing fractions* (Research Memorandum No. RM-20-03). Educational Testing Service.
15. Oláh, L. N., Howell, H., Lai, Y., DeLucia, M., & Kim, E. M. (2020). *Ms. Taylor's choice: An instructional minicase on selecting examples to support student understanding of the associative and commutative properties* (Research Memorandum No. RM-20-04). Educational Testing Service.

Conference presentation

16. Kim, E. M., Majerus, M., Nash, B., & Bates, S. (2024, September). *Learning Pathway Development for Assessments*. Paper presented at the research report session of the 2024 National Council of Teachers of Mathematics (NCTM) Research Conference, Chicago, IL.
 17. Kim, E. M. & Oláh, L. N. (2019, April). *Identifying students' surface area misconceptions through formative assessment tasks*. Paper presented at the roundtable session of the 2019 Annual Meeting of the American Education Research Association (AERA), Toronto, Canada.
 18. Nimtz, J. L., Gilbertson, N. J., Kim, E. M., Lawrence, K. A., & Philhower, J. K. (2013, April). *Using student work as an instructional strategy and professional development resource*. Presentation given at the 45th National Council of Supervisors of Mathematics (NCSM) Annual Conference, Denver, CO.
 19. Philhower, J. K., Lawrence, K. A., Kim, E. M., Nimtz, J. L., Gilbertson, N. J., & Gonulates, F. (2013, February). *The role of student work in CMP3*. Presentation given at the 16th Annual Connected Mathematics Project (CMP) Users' Conference, East Lansing, MI: Michigan State University.
 20. Gilbertson, N. J., Gonulates, F., Philhower, J. K., Lawrence, K., Nimtz, J. L., & Kim, E. M. (2012, August). *Student work as a vehicle for discussions and formative assessment*. Presentation given at the 63rd Annual Michigan Council of Teachers of Mathematics (MCTM) Institute and Conference, Traverse City, MI.
 21. Gilbertson, N. J., Horvath, A., Kim, E. M., Nimtz, J., & Philhower, J. (2012, March). *Use of student work in CMP3*. Poster presented at the Center for the Study of Mathematics Curriculum research conference, Phoenix, AZ.
 22. Gilbertson, N. J., Gonulates, F., Horvath, A., Kim, E. M., Nimtz, J., & Philhower, J. (2012, March). *A preliminary sketch of the CMP3 electronic teacher guide*. Poster presented at the Center for the Study of Mathematics Curriculum (CSMC) research conference, Phoenix, AZ.
- Talk
23. Kim, E. M. (2017, April). Applying a geometrical measurement learning progression to task design for a K-12 assessment system. *Research and Development Turnbull Hall Brown Bag Series*. Educational Testing Service (ETS), Princeton, NJ.

RESEARCH SUPPORT/SCHOLASTIC PERFORMANCE

Funded Project

Cope, D. (ATLAS PI), Swinburn Romine, R. (ATLAS co-PI), Erb, B. J. (co-PI), & Kim, E. M. (ATLAS co-PI). *Learning Maps for Math in a Cultural Context (LM-MCC)*. U.S. Department of Education, Office of Elementary and Secondary Education (S299A250059). Grant awarded to Calista Education and Culture, Inc. (10/2025–9/2030, \$5.4 million; \$3 million contract to Accessible Teaching, Learning, and Assessment Systems [ATLAS] at the University of Kansas).

Nash, B. (PI), Swinburn Romine, R. (co-PI), & Kim, E. M. (co-PI). *Pathways for Instructionally Embedded Assessment (PIE)*. U.S. Department of Education, Office of Elementary and Secondary Education (S368A220019). Grant awarded to the Missouri Department of Elementary and Secondary Education. (10/2022–9/2026, \$2,544,344; \$1,838,141 subaward to the University of Kansas).

Fellowship

College of Natural Science Dissertation Completion Fellowship at Michigan State University,
\$ 6,000, Summer 2016

College of Natural Science Dissertation Continuation Fellowship at Michigan State University,
\$ 6,000, Summer 2015

College of Natural Science Dissertation Continuation Fellowship at Michigan State University,
\$ 6,000, Summer 2014

Center for the Study of Mathematics Curriculum (CSMC) Fellowship at the University of
Missouri (funded by the National Science Foundation), \$11,675, 2011-13