

Eunhye Flavin, Ph.D.

Curriculum Vitae

Assistant Professor of STEM Education (tenure-track)
Faculty Coordinator of Graduate Math/Science Program
Division of Graduate and Professional Studies
eflavin@stonehill.edu
<https://flavineducationlab.com>

Stonehill College
320 Washington St
North Easton, MA 02357

RESEARCH EXPERTISE

Mathematics Education, Technology-mediated Learning (e.g., Augmented reality, Human-computer interaction), Learning Science, Immigrant Family, and Mixed Methods

OVERALL AIM: Developing and implementing technology and tools as pedagogical mediations for mathematics education to support historically marginalized populations

EDUCATION

- Ph.D. Boston College, Chestnut Hill, MA.
Major: Curriculum and Instruction (Specialization: **Mathematics and Technology Education**)
Dissertation Title: The effects of school mathematics resources on students' intention to study mathematics over other subjects: Multilevel mediation structural equation modeling
- M.A. Seoul National University, Seoul, South Korea.
Major: Foundations of Education
- B.A. Daegu National University of Education, Daegu, South Korea
Major: Elementary Education
Teaching Certification: Elementary School Teacher
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PROFESSIONAL APPOINTMENTS

- 2021-Present Assistant Professor of STEM Education (tenured-track), Stonehill College, Easton, MA.
- Division of Graduate and Professional Studies (2023- present)
- Faculty Coordinator for Graduate Mathematics/Science Teacher Education (2023-Present)
- Education Studies Department, May School of Arts & Sciences (2021-2023)
- 2022 July Instructor, Summer Program: Competition Math (Grades 5-6)
Center for Talent Development, Northwestern University, Evanston, IL.
- 2017-2021 Teaching Fellow (2020-2021), Graduate Assistant (2017-2021)
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Eunhye (Cho) Flavin, Ph.D.

Lynch School of Education and Human Development, Boston College,
Chestnut Hill, MA.

- 2016-2017 Associate/Instructional Designer
e-Learning Contents Development Division, Seoul National University,
Seoul, South Korea.
- 2015-2016 Associate Researcher
Center for Bahrom Character Education, Seoul Women's University, Seoul,
South Korea.
- 2013-2016 Teaching Assistant (2013-2014) & Lecturer (2015-2016)
College of Education, Korea National Open University, Seoul, South Korea.
- 2011-2015 Elementary School Teacher (Grades 1-6, Curriculum development, part-time)
The School of Global Sarang, Seoul, South Korea.
- 2011-2014 Assistant Administrator
The Korean Society for the Study of Anthropology of Education, Seoul,
South Korea.

FUNDED RESEARCH and RESEARCH EXPERIENCE

- 2024 **Haitian im/migrant caregiver and community engagement in mathematics education**
Sponsor: Stonehill College, Research, Writing, & Artistic Production Grant
Amount: \$4,350
Role: PI (**E. Flavin**)
- 2023 **An international comparative study on elementary preservice teachers' noticing of mathematics groupwork: Focusing on communication, collaboration, and problem-solving competencies** (*translated to Korean: 수학 그룹 활동에 대한 초등 예비교사의 노티싱 분석: 의사소통, 협력, 문제해결 역량에 대한 국제 비교 연구*)
Sponsor: South Korea Ministry of Education, Network Utilizing IDEA Grant of Chuncheon National University of Education
Amount: ₩5,000,000
Role: Co-PI (**E. Flavin**)
PI: S. Hwang, Chuncheon National University of Education
- 2023 **ARGeometry: Urban informal mathematics education program for STEM for All Brockton**
Sponsor: Avande Tech Grant
Amount: 15 laptops (January 2023)
Role: PI (**E. Flavin**)
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2023	Augmented reality mathematics manipulatives for equity Sponsor: Stonehill College, Research, Writing, & Artistic Production Grant Amount: \$5,000 Role: PI (E. Flavin)
2022-2024	GeoComputation: Integrating computational thinking into elementary geometry lesson Sponsor: Stonehill College, College Start-up Funds Amount: \$5,000 Role: PI (E. Flavin)
2022	Four decades of research of the pedagogical content knowledge of mathematics teachers Sponsor: Stonehill College, Research, Writing, & Artistic Production Grant Amount: \$5,000 Role: PI (E. Flavin)
2021-2022	Social justice-oriented instructional practices grounded in real-world data Sponsor: Stonehill College, Research Expense Grant/Start-up Funds Amount: \$2,000 Role: PI (E. Flavin)
2018-2021	Collaborative fellow grant with Potter Rd elementary school in Framingham Sponsor: Boston College Amount: \$105,000 Role: Survey team lead & Research Assistant (E. Flavin) PI: G. Oliveira, Boston College (currently at Harvard)
2021	Dissertation Grant American Educational Research Association/National Science Foundation Grant (<i>submitted</i>) ETS Harold Gulliksen Psychometric Research Fellowship (<i>submitted</i>)
2019-2020	Catholic immigrant networks Sponsor: Boston College Warmenhoven Fellowship Amount: \$45,000 Role: Survey team lead & Research assistant, including Field work (E. Flavin) PI: G. Oliveira, Boston College (currently at Harvard)
2019-2020	The Hyukshin school innovation movement in Seoul Sponsor: Seoul Metropolitan Office of Education Amount: \$236,000 Role: Graduate Student Team Leader & Research Assistant (E. Flavin) PI: Dr. Yoonmi Lee, Dennis Shirley, Deoksoon Kim, & Stanton Wortham.

2018-2019	Warmenhoven Fellowship Sponsor: Boston College Rocche Center for Education Amount: \$30,000 Role: Research assistant (E. Flavin) PI: G. Oliveira, Boston College (currently at Harvard)
2018	The Lemelson-Massachusetts Institute of Technology junior varsity InventTeams program (Chill Out!) Role: Research assistant of D. Kim, Boston College (E. Flavin)
2016-2018	A longitudinal study on middle school free-semester program Sponsor: Korean Educational Development Institute Role: Research Assistant (E. Flavin)
2015-2016	Measurement of educational effectiveness of the Bahrom character education program Sponsor: Seoul Women's University Role: Associate Researcher (E. Flavin)
2014-2015	A study on job development and employment support for immigrant youth Sponsor: Rainbow Youth Center in South Korea Amount: ₩30,000,000 Role: Research Assistant (E. Flavin) PI: D. Seo, Chosun University
2014-2015	A study on curriculum and educational contents development for training instructors for multicultural education Sponsor: Korean Healthy Family Support Center Role: Research Assistant (E. Flavin) PI: M. Jung, Korea National Open University
2011-2012	A study on curriculum and manual for cultural diversity education (KACES-1240-R024) Sponsor: Korea Arts & Culture Education Service Role: Lesson plan developer (E. Flavin) PI: C. I., Lim, Seoul National University
2011-2012	A study on current issues in mathematics education in Korea (Policy Research 2-11-9) Sponsor: South Korean Ministry of Education Role: Interviewer (E. Flavin) PI: K. Park

FUNDED RESEARCH: UNDER REVIEW AND IN PREPARATION

- Under review **Children as urban planners: Integrating youth research into an urban mathematics program**
Sponsor: American Educational Research Association. Education Research Service Projects Grant
Role: PI (**E. Flavin**)
- Under review **ChatGPT를 활용한 초등 예비 교사의 수학 수업 설계 역량 국제 비교 연구: 형평성을 중심으로 (International Comparative study on the Mathematics Pedagogical Design Capacity of Elementary Preservice Teachers with ChatGPT: Focusing on equity)**
Sponsor: South Korea Ministry of Education, Network Utilizing IDEA Grant of Chuncheon National University of Education
Amount: ₩5,000,000
Role: Co-PI (**E. Flavin**)
PI: S. Hwang, Chuncheon National University of Education
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PEER-REVIEWED JOURNAL PUBLICATIONS

- Flavin, E.** & Suh, J. (2024, *accepted*). Centering empathy in a social justice-oriented mathematics classroom. *Mathematics Teacher: Learning and Teaching PK-12*.
- Flavin, E.**, Becker, M., Hubacz, H., Barbieri, O., & Oliveira, G. (2024) “(Not) the same as it was”: Parents’ and teachers’ perception on the impact of COVID-19 on a bilingual elementary program. *Language and Education*.
<http://dx.doi.org/10.1080/09500782.2024.2343479>
- Segel, M., **Flavin, E.**, Hubacz, H. & Oliveira, G. (2024). A currency of love: Illuminating motherhood across immigrant, cultural, and socioeconomic lines during Covid-19. *Urban Education*, 00420859241244769, <https://doi.org/10.1177/00420859241244769>
- Flavin, E.** & * Hwang, S. (2024). U.S. and Korean teacher candidates' approaches to mathematics modeling on a social justice issue. *Journal of the Korean Society of Mathematical Education Series D: Research in Mathematical Education*, 27(1), 25-47.
<https://doi.org/10.7468/jksmed.2024.27.1.25> (*equal contribution)
- Hwang, S., **Flavin, E.**, & Lee, J. (2023). Exploring research trends of technology use in mathematics education: A scoping review using topic modeling. *Education and Information Technologies*, 1-28. <https://doi.org/10.1007/s10639-023-11603-0>
- Oliveira, G., **Flavin, E.**, & Hubacz, H. (2023). Teachers and parents at odds: Results from a survey on a dual language program implementation. *Education and Urban Society*. 00131245221141071. <https://doi.org/10.1177/00131245221141071>

- Hwang, S., **Flavin, E.**, Lee, J. (2023). The use of technology in Korean mathematics education: A systemic review. *Journal of the Korean Society of Mathematical Education Series D: Research in Mathematical Education*, 33(3), 537-557.
<https://doi.org/10.29275/jerm.2023.33.3.537>
- Hwang, S. & **Flavin, E.** (2023). Understanding a mathematics teacher community through a computational text analysis: Review of *change in mathematics pedagogical lexicons* by Lee & Kim (2022). *Journal of the Korean Society of Mathematical Education Series D: Research in Mathematical Education*, 26 (1), 31-38.
<https://doi.org/10.7468/jksmed.2023.26.1.31>
- Flavin, E.**, & Hwang, S. (2022). Examining multicultural education research in Korean mathematics education. *Journal of the Korean Society of Mathematical Education Series D: Research in Mathematical Education*, 25 (1), 45-63.
<https://doi.org/10.7468/jksmed.2022.25.1.45>
- Hwang, S., & **Cho, E.** (2021). Exploring latent topics and research trends in mathematics teachers' knowledge using topic modeling: A systematic review. *Mathematics*, 9, 2956.
<https://doi.org/10.3390/math9222956>
- Oliveira, G., **Cho, E.**, & Barbieri, O. (2021). Latino family engagement in a network of Catholic bilingual schools. *Journal of Catholic Education*, 24(1), 183-203.
<http://dx.doi.org/10.15365/joce.2401102021>
- Cho, E.**, Albert, L., & Hwang, S. (2021). Exploring preservice mathematic teachers' racial identity and culturally relevant teaching practices. *Journal of the Korean Society of Mathematical Education Series D: Research in Mathematical Education*, 24(1). 29-47.
<http://doi.org/10.7468/jksmed.2021.24.1.29>
- Hwang, S., **Cho, E.**, & Albert, L. (2020). Examining mathematics teachers' perception toward multicultural education: Teachers' noticing of multicultural contents in mathematics textbooks. *Journal of the Korean Society of Mathematical Education Series D: Research in Mathematical Education*, 23 (2), 93-111. <https://doi.org/10.7468/jksmed.2020.23.2.93>
- Oliveira, G., Chang-Bacon, C. K., **Cho, E.**, & Baez-Cruz, M. (2020). Parent and teacher perceptions of a Brazilian Portuguese two-way immersion program. *Bilingual Research Journal*, 43(2), 212-231. <https://doi.org/10.1080/15235882.2020.1773961>
- Kim, D., **Cho, E.**, Stephanie, C., & Barnett, M. (2019). Culturally relevant science: Incorporating visualizations and home culture in an invention-oriented middle school science curriculum. *Technology & Innovation*, 20, 251-266.
<https://doi.org/10.21300/20.3.2019.251>
- Cho, E.** & Hwang, S. (2019). Exploring changes in multi-ethnic students' mathematics achievement motivation: A longitudinal study using expectancy-value theory. *Journal of*

the Korean Society of Mathematical Education Series A: The Mathematical Education, 58(1), 101-120. <https://doi.org/10.7468/mathedu.2019.58.1.101>

Seo, D. & **Cho, E.** (2017). An exploratory research on career dispositions of immigrant youths and their ecological conditions. *Journal of Education and Culture*, 23(1), 217-247. <https://doi.org/10.24159/joec.2017.23.1.217>

REVISED & RESUBMITTED MANUSCRIPTS

M. Flavin,* K. Ha,* Z. Guo,* S. Li,* J. Kim,* T. Saxena, F. Al-Najjar, S. Bandapalli, C. Fan, D. Bai, Z. Zhang, **E. Flavin**, K. Madson, Y. Huang, J. Yoo, M. Park, J. Shin, A. Huang, H. Shin, Y. Huang, Z. Xie, H. Jiang, J. Rogers, Bioelastic state recovery for haptic sensory substitution, under first revision in *Nature*, 2023. (*equal contribution)

Flavin, E., Hwang, S., & Flavin, M. Multi-dimensional engagement of Haitian immigrant parents in mathematics education. completed internal round review in *Educational Studies in Mathematics*, 2024. (Special Issue: Parents, caregivers, and community in mathematics education)

MANUSCRIPTS UNDER REVIEW

Flavin, E., * Hwang, S. & Flavin, M.T. The effects of augmented reality use on mathematics achievement of K–12 students: A meta-analysis. *International Journal of Science and Mathematics Education*. (*equal contribution)

Flavin, E. Chung, M. Hwang, S., & Flavin, M. Augmented reality for area measurement reasoning of elementary students. *Education and Information Technologies*.

Flavin, E., & Flavin, M. Black feminist thought as a guide for ethical integration of artificial intelligence in mathematics classroom. *Connections*.

Lee, J., **Flavin, E.**, & Hwang, S. Conception, design, and reflection on open mathematical tasks by pre-service elementary teachers. *Journal of Mathematics Teacher Education*.

Flavin, E. & Lee, J. H. Matrices and AI image processing for K-12 students. *Mathematics Teachers: Learning and Teaching PK-12*

Lee, J., **Flavin, E.**, Kim, S., & Hwang, S. Recording and representing student mathematical thinking: A comparison of preservice teachers in the U.S. and Korea. *Journal of the Korean Society of Mathematical Education Series D: Research in Mathematical Education*.

MANSUCRIPTS IN PREPARTION

Flavin, E., Chung, M., & Flavin, M. (Will submit May 2024) Augmented reality-based intervention package on children's construction of a volume measurement.

CONFERENCE PROCEEDING PAPER

Flavin, E., & Flavin, M. (under review). Developing augmented reality system for embodied mathematics learning. *Envisioning the Future of Mathematics Education in Uncertain Times*: 46th North American Chapter of the International Group for the Psychology of Mathematics Education (PME-NA)

Witt, W., Chandler, K., **Flavin, E.**, Suh, J., Panorkou, N., McCulloch, A., Hollebrands, K., & Joseph, M. (under review). Working group proposal (Year 2): Conceptualizing the role of technology in equitable mathematics classrooms (Math TechQuity). 46th North American Chapter of the International Group for the Psychology of Mathematics Education (PME-NA)

Chandler, K., Witt, W., Suh, J., Hollebrands, K., McCulloch, A., **Flavin, E.**, Panorkou, N., Joseph, M., Yao, X. (under review). Working group report (Year 1): Conceptualizing the role of technology in equitable mathematics classrooms (Math TechQuity). 46th North American Chapter of the International Group for the Psychology of Mathematics Education (PME-NA)

CONFERENCE PRESENTATION (*Research with a mentoring student)

Flavin, E., & Flavin, M. (2024, November 7-10, under review). *Developing augmented reality system for embodied mathematics learning* [Brief report presentation]. North American Chapter of the International Group for the Psychology of Mathematics Education (PME-NA) 2024 46th Annual Conference. Cleveland, Ohio, United States.

Flavin, E., Flavin, M., & Hwang, S. (2024, September 25-28, accepted). *Augmented reality: Integrating real-world into math classroom*. National Council of Teachers of Mathematics [NCTM] 2024 Annual Meeting & Exposition. Chicago, IL, United States.

Hwang, S. & **Flavin, E.** (2024, April 5-6, under review). *International comparative study of mathematical modeling strategies* (수학적 모델링 전략 국제비교 연구). 2024 Spring conference for the Korean Society of Mathematical Education. Busan, South Korea.

Flavin, E., Flavin, M., Chung, M., Simeon, M., Marie, R.*, & Solari, M.* (2024, February 8-10). *Teaching mathematics at a Black immigrant church: Implications for mathematics*

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teacher education [Paper presentation]. Association of Mathematics Teacher Educators [AMTE] 2024 28th Annual Conference. Orlando, FL, United States.

Flavin, E., Lee, J., & Hwang, S. (2023, October 1-4). *Technology in mathematics education research: Analysis of the past four decades* [Poster presentation]. North American Chapter of the International Group for the Psychology of Mathematics Education (PME-NA) 2023 45th Annual Conference. Reno, NV, United States.

Flavin, E. & Hwang, S. (2023, April 13-16). *A systemic review on mathematics education and technology* [Paper presentation]. American Educational Research Association [AERA] Annual Meeting. Chicago, IL, United States.

Flavin, E. (2023, February 24-26). *Racialized identities and mathematics teacher education: White preservice teachers' teaching practices* [Paper presentation]. American Association of Colleges for Teacher Education (AACTE) 2023 75th Annual Conference. Indiana, MN, United States.

Flavin, E. & Hwang, S. (2022, November 17-20). *What knowledge is needed for teaching mathematics? Using topic modeling* [Poster presentation]. North American Chapter of the International Group for the Psychology of Mathematics Education (PME-NA) 2022 44th Annual Conference. Nashville, TN, United States.

Flavin, E. (2022, September 28-October 1). *Rich mathematical and computational tasks for grade 4-6 geometry: Using a language, Scratch* [Paper presentation]. National Councils of Teachers of Mathematics [NCTM] 2022 Annual Meeting & Exposition. Los Angeles, CA, United States.

Segel, M., **Cho, E.**, Hubacz, H., & Oliveira, G. (2022, April 21-26). *From gratitude to frustration: Two-way immersion parents' perceptions of school supports during COVID-19* [Paper presentation]. American Educational Research Association [AERA] Annual Meeting. San Diego, CA, United States.

Cho, E., Hwang, S., & Herosian, G.* (2022, April 6-8). *Three decades of research in mathematics teacher knowledge: Using text network modeling* [Paper presentation]. New England Educational Research Organization [NEERO] Annual Meeting. Portsmouth, NH, United States.

Cho, E. (2022, February 10-12). *Multilevel mediation structural modeling to assess whether attending a mathematics school can predict students' intention to pursue a mathematics-related field* [Manuscript Review Group]. Association of Mathematics Teacher Educators [AMTE] Annual Meeting. Henderson, NV, United States.

Cho, E., Hwang, S., & Herosian, G.* (2022, January 7). *Exploratory analysis on research in mathematics teacher knowledge* [Paper presentation]. National Councils of Teachers of Mathematics [NCTM] Research Conference. Virtual Meeting.

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- Cho, E.**, Hubacz, H., Oliveira, G. (2021, Apr 8-12). *School community members at odds in dual language program implementation* [Paper presentation]. American Educational Research Association [AERA] Annual Meeting, Virtual Meeting.
- Oliveira, G., **Cho, E.**, et al. (2021, Feb 26-27). *Im/migrant children and families' experiences in dual language education in Massachusetts* [Paper presentation]. 2021 Ethnography in Education Research Forum, Virtual meeting.
- Cho, E.** (2020, Dec 12) *Understanding the development of multi-ethnic students' mathematics achievement motivation* [Paper presentation]. 2020 International Conference of the Korean Society of Mathematical Education, Virtual meeting.
- Cho, E.**, Hwang, H., & Albert, L. (2020, Dec 12) *Understanding mathematics teachers' perception toward multicultural education* [Paper presentation]. 2020 International Conference of the Korean Society of Mathematical Education, Virtual meeting.
- Chang-Bacon, C., **Cho, E.**, & Oliveira, G. (2020, Dec 2) *Community consciousness: Parallel parent and teacher perceptions of a two-way dual language immersion program* [Paper presentation]. Literacy Research Association (LRA) 70th Annual Conference, Virtual meeting.
- Cho, E.**, Jeon, A. & Oliveira, G. (2020, Apr 17-21) *Promoting Latino family engagement in Catholic bilingual school* [Roundtable presentation]. AERA Annual Meeting. San Francisco, CA, United States. <http://tinyurl.com/vpcyu4f>
- Chang-Chris, B., **Cho, E.**, & Cruz, M., & Oliveira, G., (2020, Apr 17-21) *Parallel perceptions of two way immersion program implementation: How parents and teachers understand its merits* [Paper presentation]. AERA Annual Meeting San Francisco, CA, United States.
- Cho, E** & Hwang, S. (2019, April 25) *Why do multiethnic students in South Korea choose (not) to study mathematics over time?* [Paper presentation]. Lynch School of Education, Boston College, Chestnut Hill, MA, United States.
- Hwang, S & **Cho, E.** (2019, April 5) *Exploring changes in multi-ethnic students' achievement motivation: A longitudinal study using expectancy-value theory* [Conference presentation]. Korean-American Educational Researchers Associations Annual Conference. Toronto, Canada.
- Cho, E.**, & Hwang, S (2019, April 5) *Mathematics preservice teachers' culturally sustaining teaching strategies* [Conference presentation]. Korean-American Educational Researchers Associations Annual Conference. Toronto, Canada.
- Kim, D., **Cho, E.**, & Kim, S (2019, March 31-April) *Leveraging youth's diverse backgrounds to broaden participation in STEM through invention education* [Paper presentation]. NARST Annual International Conference. Baltimore, MD, United States.

- Barnett, M., Kim, D., **Cho, E.**, & Kim, S (2019, March 3) *Culturally relevant science: An invention program for middle school English Language Learners* [Paper presentation]. The American Association for Applied Linguistics [AAAL] Conference. Atlanta, GA, United States.
- Kim, D., **Cho, E.**, & Kim, S (2018, Oct 19) *Inventing the future: Leveraging cultural assets to create young STEM inventors (Culturally Relevant Science: English Language Learners' Experiences in a Modified Invention Science Curriculum)* [Paper presentation]. Diversity Challenge (The Institute for the Study and Promotion of Race and Culture), Chestnut Hill, MA, United States.
- Kim, D., **Cho, E.**, Mannion, P., Long, Y., & Zhou, S. (2018, April 25) *Fostering English Language Learner's reflection through multimodal digital storytelling* [Paper presentation]. Graduate Research Symposium, Lynch School of Education, Boston College, Chestnut Hill, MA, United States. [**Awarded the 1st Best Student Presentation**]
- Kim, D., Mannion, P., Long, Y., Zhou, S., & **Cho, E.** (2018, March 24). *Middle school English Language Learner's multimodal digital storytelling* [Paper presentation]. The American Association for Applied Linguistics Conference. Chicago, Illinois, United States.
- Cho, E.** & Won, M. (2015, December 23). *An Analysis on Bahrom Character Education III Learning outcomes related OECD key Competency*. [Paper presentation]. Seoul Women's University, Seoul, Korea
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RESEARCH REPORT

- Oliveira, G., Becker, M., **Cho, E.**, Segel, M., Haylea, H., Barbieri, O., and Alex, V. (2020). *Report on school climate survey – Potter Rd. Elementary School – Framingham Public Schools*. The Framingham multilingual education department. (Presented at Potter Rd. Elementary School teacher meeting Jan 27, 2020)
- Shirley, D., Kim, D., Wortham, S., **Cho, E.**, Lee, J., Kang, Y., Agostinelli, A., Kim, H., Yang, S., & Pu, M. (2019). *Hyukshin schools in Seoul, South Korea: An interim report*. Seoul Metropolitan Office of Education.
- Seo, D., Kim, E., **Cho, E.**, & Lim., K. (2016). A study on job development and employment support for immigrant youth. Rainbow Youth Center. Retrieved from <http://m.rainbowyouth.or.kr/bbs/board3/11024>
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OTHER ARTICLES

- Cho, E.** (2015). A study on current status and feature of a multicultural alternative school in Korea (국내 다문화 대안학교 현황과 특징에 관한 소고). *Korean Journal of Education Review*, 35, 227-253.

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Cho, E. (2015). Sadang Dong +25: Poverty, culture, and research. *Korean Anthropology of Education Newsletter*, 21(4), 1-4.

Cho, E. (2014). Niki de Saintpale: Creative healing of suffering. *Korean Anthropology of Education Newsletter*, 20(1), 3-9.

INVITED TALKS

Supporting immigrant students in schools and communities: Technology-integrated STEM Education. Johns Hopkins University, School of Education, December 4, 2023.

Korea's innovative (Hyukshin) School movement and curriculum. Deokseong women's university (Prof. So Yoon Kim), Oct 13 & Oct 15, 2020.

Current status of multiculturalism in Korea and understanding of multiculturalism. Seoul Women's University (Prof. Teresa Pyeon), May 11, 2017.

Research Project on Immigrant Education in South Korea. Seoul Women's University (Prof. Soo-Young Kim), May 17, 2016.

TEACHING EXPERIENCE

Stonehill College

Assistant Professor

Graduate Courses

EDU 609 (In-Person) – Educational Equity and Inclusivity (Graduate, Spring 2024)

EDU 610 (In-Person) – Contemporary Issues in Education (Graduate, Spring 2024)

EDU 621 (In-Person) – Teaching Math to Students with Disabilities (Graduate, Fall 2023)

EDU 623 (In-Person) – Teaching Content Math to Middle & High School Students with Disabilities (Graduate, Fall 2023)

EDU 655 (In-Person) – Mathematics Teaching and Learning in the Middle School

EDU 644 (In-person) – EDU 644: Graduate Practicum: GEMS (Math/Science 5-8) (Spring 2024) *Note: As a program supervisor

Undergraduate Courses

EDU 301 (In-Person) – Assessment and Analysis in Education (Undergraduate, Fall 2021, Spring/Fall 2022, Spring/Fall 2023)

MTH 143 (In-Person) – Mathematical Reasoning for Education (Undergraduate, Spring/Fall 2022, Spring 2023)

EDU 320 (In-Person) – Teaching Mathematics, Science, and Technology (Undergraduate, Fall 2021, Spring/Fall 2022)

EDU 315 (In-Person) – Curriculum and Instruction (Undergraduate, Fall 2021)

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EDU 435 (In-person) – Practicum: Elementary Education 1-6 (Undergraduate, Spring 2021) *Note: As a program supervisor
Directed Study (In-person) – Data Science in Education (Undergraduate, Fall 2022)
Directed Study (In-person) – Teaching Mathematics, Science, and Technology [Secondary Education] (Undergraduate, Fall 2022)

Supervising

EDU 644 (In-person) – Graduate Practicum: GEMS (Math/Science 5-8)
EDU 435 (In-person) – Practicum: Elementary Education 1-6

Syllabus Development (* Course number is under review)

EDU *: Mathematics Teaching & Learning in the Elementary Grades
EDU *: Number and Operations
EDU *: Functions and Algebra
EDU *: Geometry and Measurement
EDU *: Probability, Statistics, and Data Analysis

Boston College

Instructor

EDUC 7520 (Hybrid) – Mathematics and Technology: Teaching, Learning, Curriculum in the Elementary School (Graduate, Spring 2021)
EDUC 7301 (Online) – Teaching, Curriculum, and Learning Environments (Graduate, Fall 2020)
EDUC 7305 (Online) – Globalization, Migration, and Education (Graduate, Summer 2021)

Teaching Assistant

EDUC 7301 (Online) – Teaching, Curriculum, and Learning Environments (Graduate, 2018)
EDUC 9819 (In-person) – Educational Change: Communication of Innovations (Graduate, 2018)
Supervising Practicums (In-person) – Using a mixed-reality simulation program (Graduate, Fall 2017)

Korea National Open University

Lecturer

Life Development and Education (Undergraduate, 2015, 2016 *Lecture per one semester and mid-term exam evaluator)

PROFESSIONAL DEVELOPMENT

2019 Results from a survey on parental and teacher perception of Portuguese-English bilingual program. Potter Road Elementary School, Framingham, Massachusetts

2017 Collaborative coaching and learning program. Epiphany Middle School, Dorchester, Massachusetts

MENTORING and ADVISING

Mentoring Recognition

2024	Selected mentor, 2024 Tri-Alpha inaugural induction ceremony and reception at Stonehill (Inductee, Marissa Solari)
2023	Supporting a mentee (RA) for the NCTM scholarship Link Selected mentor honoree, 2023 Senior class gift honoree at Stonehill Link Selected mentor, 2023 Tri-Alpha inaugural induction ceremony and reception at Stonehill (Inductee, Gina Herosian)

Academic Advisor

2023 Fall – 2024 Spring	4 graduate advisees (Graduate Math/Science program) & all graduate students in grad teacher education program at Stonehill
2022 Fall – 2023 Spring	36 undergraduate advisees, Stonehill College
2021 Fall – 2022 Spring	19 undergraduate advisees, Stonehill College

Research Mentoring

2022-2023	2 research assistants and 2 teaching assistants, Stonehill College
2021-2022	2 research assistants, Stonehill College
2020-2021	Doctoral student mentor (1 doctoral student), Boston College
2019-2020	4 doctoral students and 3 undergraduate students for the Hyukshin school research project, Boston College 1 graduate student in the survey team of G. Oliveira's research project

UNIVERSITY SERVICE

Stonehill College

2023-Present	Led development of two new mathematics education programs for teacher licensure in Massachusetts (Mathematics 1 – 6, Mathematics 5 – 8)
2023-Present	Diversity, Equity, and Inclusion Com
2021-Present	Affiliated Faculty, Faculty of Color Association
2022-Present	Faculty Advisor, Stonehill College Dance Club
2022-2023	Assistant Director of Accreditation and Assessment Search Committee, Education Studies Department
2022	Affiliated Faculty, Book Talk (Whistling Vivaldi: How stereotypes affect us and what we can do)

SERVICE TO THE PROFESSION

Committee

2024-2027 Research Committee, The Association of Mathematics Teacher Educators

Ad-Hoc Journal

Reviewer

2022-Present *Mathematics Teacher: Learning and Teaching PK-12*
2022- Present *Education and Information Technologies*
2022 *Asia Pacific Journal of Education*
2022 *Research in Mathematical Education*
2021- Present *Journal of Educational Research in Mathematics*

Ad-Hoc Conference

Proposal Reviewer

2022 The Association of Mathematics Teacher Educators

Others

2018-2019 Chairperson, Boston College Korean Graduate Student Association
2008-2009 Chairperson, Multicultural Education Club (Activity: Tutoring and mentoring immigrant children), Daegu National University of Education

HONOR, AWARD, & SCHOLARSHIP

2023-Present Awarded as an Early Career BIPOC Faculty Mentee, The Association of Mathematics Teacher Educators
2022 Selected Mentee, Manuscript Review Group, The Association of Mathematics Teacher Educators
2022 (March) The “Professor of the Month” Award, National Residence Hall Honorary, Stonehill College, Easton, MA.
2018 The Best Student Presentation Award, Graduate Research Symposium, Lynch School of Education, Boston College, Chestnut Hill, MA
2017-2021 Fully Funded Ph.D. Scholarship — Stipend and Tuition Waiver, Boston College.
2018-2020 Travel Grants at Boston College
 (a) Lynch Doctoral Student Travel Grant 2020 (\$500); 2019 (\$500); 2018 (\$400)
 (b) Boston College Graduate Student Association (GSA) 2021 (\$130);
 (c) Boston College Graduate Education Association (GEA) 2021 (\$125); 2018 (\$120)

Eunhye (Cho) Flavin, Ph.D.

2011-2012	Superior Academic Performance, Seoul National University
2011-2012	Lecture & Research Scholarship, Seoul National University
2009-2010	Superior Academic Performance Scholarship, Daegu National University of Education

CERTIFICATES

2021 (Jun 24-30)	Certificate of Achievement, Computer Science Crash Course 2021, Krause Center for Innovation at Foothill College
2020 (Feb 6-8)	Selected Attendee, 2020 National Assessment of Education Progress (NAEP) Data Training Workshop, American Institutes for Research (AIR)
2007	Teaching Certifications: Elementary School Teacher License, South Korea

PROFESSIONAL AFFILIATIONS

2022-Present	North American Chapter of the International Group for the Psychology of Mathematics Education [PME-NA] Note. Affiliated working group: Conceptualizing the role of technology in equitable mathematics classrooms (Math TechQuity)
2022-Present	American Association of Colleges for Teacher Education [AACTE]
2021-Present	The Association of Mathematics Teacher Educators [AMTE]
2021-Present	National Council of Teachers of Mathematics [NCTM]
2021-Present	Faculty of Color Association [FOCA], Stonehill College
2017-Present	American Educational Research Association [AERA], 2017- present
