

Seanyelle Yagi
University of Hawai‘i, Mānoa
School of Teacher Education
slyagi@hawaii.edu 808-956-9956

EDUCATION

- 2015 Ph.D., University of Hawai‘i, Mānoa
Specialization: Curriculum Studies, Mathematics
Dissertation: Examining the Mathematical Discourse of a First Grade Learning Community
Advisor: Joe Zilliox
- 1997 M.Ed., University of Hawai‘i, Mānoa
Specialization: Language Arts
- 1991 B.Ed., University of Hawai‘i, Mānoa
Specialization: Elementary Education, minor in mathematics

PROFESSIONAL EXPERIENCE

- 2022-Present Associate Professor, Master of Education in Teaching, School of Teacher Education, University of Hawai‘i, Mānoa, Honolulu, HI
- 2020–2022 Associate Specialist, Curriculum Research & Development Group, University of Hawai‘i, Mānoa, Honolulu, HI
- 2015–2020 Assistant Specialist, Curriculum Research & Development Group, University of Hawai‘i, Mānoa, Honolulu, HI
- 2013–2015 State Office Resource Teacher for Formative Instruction, Office of Curriculum, Instruction and Student Services, Hawaii Department of Education, Honolulu, HI
- 2012–2014 Mathematics Consultant, New Beginnings-Reading Comprehension in Mathematics online course, University of Hawai‘i, Center on Disability Studies, Honolulu, HI
- 2011,
2012–2013 Complex Area Resource Teacher (Mathematics), Farrington-Kaiser-Kalani Complex, Hawaii Department of Education, Honolulu, HI
- 2009–2011 Mathematics Teacher
Kalākaua Middle School, Honolulu, HI
- 2006–2009 Mathematics Coordinator/Coach

Ka‘ewai Elementary School, Honolulu, HI

1992–2005 Elementary Teacher
Ka‘ewai Elementary School, Honolulu, HI

PUBLICATIONS

Peer-reviewed Articles

- Yagi, S. & Venenciano, L. (2024). “Why Don’t We Count Zero?” Understanding Number Lines. *Mathematics Teacher: Learning and Teaching PK-12*, 117(9), 645–652.
- Venenciano, L., Yagi, S., & Zenigami, F. (2021). The development of relational thinking: a study of Measure Up first-grade students’ thinking and their symbolic understandings. *Educational Studies in Mathematics*. doi: <https://doi.org/10.1007/s10649-020-10014-z>
- Venenciano, L., Yagi, S., Zenigami, F., & Dougherty, B. (2019). Supporting the Development of Early Algebraic Thinking, an Alternative Approach to Number. *Investigations in Mathematics Learning*. doi: 10.1080/19477503.2019.1614386
- Yagi, S. & Venenciano, L. (2017). Math “rules” prompt reflection on teacher identity. *Mathematics Teaching in the Middle Schools*. 22(9), 555–557.
- Olson, M. & Yagi, S. (2007). Math by the Month: How Many Ways? *Teaching Children Mathematics*. 13(9), Reston, VA:NCTM.
- Yagi, S. & Olson, M. (2007). Math by the Month: Supermarket Math. *Teaching Children Mathematics*. 13(7), Reston, VA:NCTM.

Peer-reviewed Conference Proceedings

- Yagi, S., Venenciano, L., Faria, A. & Pratt, T. (2024). A Study of an Intervention Program: Building Elementary Students’ Computational Fluency. *Proceedings for the 51st Annual Conference of the Research Council on Mathematics Learning*. Columbia, South Carolina.
- Venenciano, L. C. & Yagi, S. L. (2018). Teachers’ perspectives toward curriculum. In E. Bergqvist, M. Österholm, C. Granberg, & L. Sumpter (Eds.). *Proceedings of the 42nd Conference of the International Group for the Psychology of Mathematics Education*. 5–182. Umeå, Sweden.
- Yagi, S., Zenigami, F., & Suzuka, K. (2018). Investigating place value concepts within a measurement context. *Proceedings for the 45th Annual Meeting of the Research Council on Mathematics Learning*. Baton Rouge, LA.
- Yagi, S., Zenigami, F., & Venenciano, L. (2017). Designing Professional Development Modules for Teacher Learning and Practice. *Proceedings for the 44th Annual Meeting of the Research Council on Mathematics Learning*. Fort Worth, TX.

Yagi, S. (2016). An Exploration of First Grade Students' Engagement in Mathematical Processes During Whole Group Discussions. *Proceedings of the 38th Annual Conference of the North American Chapter of the International Group for the Psychology of Mathematics Education*. Tucson, AZ.

Peer-Reviewed Book Chapters

Venenciano, L. C. H., & Larson, C, Yagi, S. L. (2024). Transferring intentions to equity-focused teaching practice. In C. Lee, L. Bondurant, B. Sapkota, & H. Howell (Eds.), *Promoting Equity in Approximations of Practice for Preservice Mathematics Teachers*. IGI Publishers.

Books

Yagi, S., Venenciano, L., & Zenigami, F. (2020). *Who Has More? The Great Flood*. (B. Inouye, Illus.). Curriculum Research & Development Group.

Non Peer-reviewed Articles

Yagi, S. (2020, Spring). What is High Quality Curriculum? *Inspiration!*, 50(3), 26.

Venenciano, L., Yagi, S., & Zenigami, F. (2020, August 17). New Hawai'i Book Turns Tasks Into Fun Math Lessons. *Honolulu Family*.

Non Peer-reviewed Reports

Yagi, S. & Venenciano, L. (2023, Spring). *A Study of an Intervention Program: Building Elementary Students' Math Fact Fluency*. Hawaii Educational Research Network.

Multimedia Instructional Materials

Venenciano, L., Yagi, S., & Zenigami, F. (Draft) A little PD about big ideas: The number line. [Google document].

HONORS & AWARDS

2017 Association of Mathematics Teacher Educators Service, Teaching and Research Fellow

2008 Presidential Awardee for Excellence in Mathematics and Science Teaching.

GRANTS AND CONTRACTS

Funded

Yagi, S., Venenciano, L., Makaiiau, A., & Kimi, V. (November 2024). *Big Ideas in Early Childhood Mathematics, Professional Learning Sessions*. Submitted to the Samuel N. & Mary Castle Foundation. \$39,775.

Yagi, S. (April 2024). *Noyce Summit Capacity Building Travel Award*. Funded by the National Science Foundation, \$1,200.

Yagi, S. & Venenciano, L. (Aug. 2022–Dec.2022). *University Laboratory School Mathematics Professional Development*. Funded by the University Laboratory School, \$3,200.

- Yagi, S. & Venenciano, L. (Aug. 2021–July 2022). *Mathematics Whole School Agreement Professional Learning Series*. Funded by the Hawaii Department of Education Office of Curriculum & Instructional Design. \$9,799.71.
- Dougherty, B., Yagi, S., & Andersen, L. (Oct. 2020–Dec. 2020). *Region 19 Tasks with PREL Comprehensive Center and Hawaii Department of Education: Region 19 Comprehensive Center's Transforming Mathematics Instruction Project*. Funded by Pacific Resources for Education & Learning (PREL). \$85,577.
- Dougherty, B. & Yagi, S. (Aug. 2018–Aug. 2019). *Professional development and technical support for Sigsbee Public Charter School*. Funded by Sigsbee Public Charter School. \$45,000.
- Yagi, S. & Zenigami, F. (Mar. 2018) *Discourse through problem solving professional development*. Funded by the Hawaii Department of Education Kailua-Kalaheo complex. \$10,500.
- Yagi, S., Zenigami, F., & Suzuka, K. (Jan. 2018–Mar. 2018). *Leilehua-Mililani-Waialua complex area 6th grade mathematics teacher professional development*. Funded by the Hawaii Department of Education Central District North. \$11,000.
- Venenciano, L., Zenigami, F., Dougherty, B., & Yagi, S. (Sept. 2017–Aug. 2018). *Provision of Common Core State Standards: Aligned Math Course Materials and Professional Development*. Funded by the Hawaii Department of Education. \$92,787.
- Venenciano, L., Yagi, S., Zenigami, F., & Suzuka, K. (July 2017–Aug. 2017). *Standards for mathematical practice in the Common Core State Standards*. Funded by the Hawaii Department of Education Central District North. \$16,500.
- Venenciano, L., Yagi, S., & Zenigami, F. (Aug. 2016–July 2018) *Provision of Common Core Standards*. Funded by the Hawaii Department of Education, \$185,000.
- Yagi, S. & Manes, M. (Sept. 2016–July 2017). *Expansion of math teachers' circle Hawai'i*. Funded by the Elementary and Secondary Education Act of 1965. Improving Teacher Quality Higher Education Grants. \$50,005.
- Yagi, S., Manes, M., & Venenciano, L. (Sept. 2015–July 2016). *Math teachers' circle Hawai'i*. Funded by the No Child Left Behind: Improving Teacher Quality Higher Education Grants Program, \$61,360.
- Yagi, S. (Sept. 2008–May 2009). *Helping students develop mathematical understanding through discourse*. Funded by the Public Schools of Hawai'i Foundation Good Idea Grant, \$3,000.

Unfunded

- Yagi, S., Sickel, A., & Jovovic, M. (August 2024). *Resilient and Thriving: Growing STEM Teachers in Hawai'i*. Submitted to the Robert. R. Noyce Scholarship Program, National Science Foundation. \$2,216,006.

- Yagi, S. & Venenciano, L. (August 2021–July 2022). *Designing a Mathematics Whole School Agreement Professional Development and Coaching Model*. Governor's Emergency Education Relief Fund Innovation Grant. \$185,141.
- Harrison, G., Venenciano, L., & Yagi S. (July 2020–June 2023). *Mapping Teachers' Mathematics Formative-Assessment Validation Skills*. National Science Foundation – Discovery Research K–12, \$449,491.
- Yagi, S. & Venenciano, L. (Aug. 2020–July 2021). *Using Stories to Engage First Grade Students in Early Algebraic Thinking*. Caplan Foundation for Early Childhood, \$60,713.
- Venenciano, L., Harrison, G., & Yagi, S. (Aug. 2018–July 2021). *Reversibility, flexibility, and generalization (RFG) as a framework for developing and supporting conceptual understanding of middle school mathematics*. National Science Foundation – Discovery Research K–12, \$449,358.
- Yagi, S., Suzuka, K., & Zenigami, F. (March 2018–March 2019). *Hawaii elementary mathematics laboratory: enhancing mathematics understanding through measurement concepts*. Submitted to the Braitmayer Foundation, \$34,987.
- Yagi, S., Zenigami, F., Venenciano, L., & Suzuka, K. (May. 2017–Dec. 2017). *Hawaii Elementary Mathematics Learning Summer Project*. Submitted to the RGK Foundation. \$24,750.
- Yagi, S. (Oct. 2016–May 2017). *A little professional development about big ideas: measurement foundations to the number line*. Submitted to the UHM College of Education, Hubert Everly Scholar Award. \$10,000.
- Venenciano, L., Harrison, G., Nguyen, T. T. T., Yagi, S., (Jul. 2016–June 2018). *EXP: Mathematics professional development through the cloud*. National Science Foundation – Cyberlearning and Future Learning Technologies, \$546,354.

PRESENTATIONS

Peer-Reviewed Presentations, International

- Venenciano, L. & Yagi, S. (2018, July) *Teachers' perspectives toward curriculum*. Paper presented at the 42nd Annual Meeting of the International Group for the Psychology of Mathematics Education. Umeå, Sweden.
- Yagi, S. (2016, November). *An Exploration of First Grade Students' Engagement in Mathematical Processes During Whole Group Discussions*. Paper presented at the 38th Annual Conference of the North American Chapter of the International Group for the Psychology of Mathematics Education. Tucson, AZ.
- Yagi, S. (2016, November). *Examining Whole Group Mathematical Discourse: What it Means to be Student-Centered*. Poster presented at the 38th Annual Conference of the North American Chapter of the International Group for the Psychology of Mathematics Education. Tucson, AZ.

Yagi, S. (2016, July). *An Exploration of First Grade Students' Engagement in Mathematical Processes During Whole Group Discussions*. Poster presented at the 13th International Congress on Mathematical Education. Hamburg, Germany.

Peer-Reviewed Presentations, National

Brown, N., Furuto, L., Venenciano, L., & Yagi, S. (2025, March). *Elementary Teachers' Perceptions of Learning and Doing Mathematics and the Role of Identity*. Thematic session presentation at the 2025 Annual Meeting of the Association of Teacher Educators. New Orleans, Louisiana.

Yagi, S. & Venenciano, L. (2025, March). *Elementary Preservice Teachers' Thinking About Teaching Number and the Number Line*. Thematic session presentation to the mathematics SIG at the 2025 Annual Meeting of the Association of Teacher Educators. New Orleans, Louisiana.

Faria, K., Keala, P., Kent, J., McKown, J., & Yagi, S. (2025, March). *An Exploration of Teacher Candidate Wellness and Mental Health Through the Culture and Curriculum of Two Mixed-Content, K-12 Initial Licensure Cohorts of Developing Teachers within a Graduate Degree Program*. Thematic session presentation at the 2024 Annual Meeting of the Association of Teacher Educators. New Orleans, Louisiana.

Yagi, S. & Kent, J. (2024, March) *Insights Into Prospective Teachers' Responsiveness to Student Thinking*. Thematic session presentation at the 2024 Annual Meeting of the Association of Teacher Educators. Anaheim, California.

Yagi, S. & Venenciano, L. (2024, February). *An Intervention Program to Build Elementary Students' Computational Fluency*. Research Brief presentation at the 51st Annual Conference of the Research Council on Mathematics Learning. Columbia, South Carolina.

Yagi, S. & Venenciano, L. (2023, October). *What's the Difference? Modeling Addition and Subtraction Based on Comparison Relationships*. Workshop presentation at the 2023 National Council of Teachers of Mathematics Annual Meeting. Washington D.C.

Venenciano, L. & Yagi, S. (2022, October). *Equal, Not Equal, and Other Fundamental Concepts for First-Grade Math*. Workshop presentation at the 2022 National Council of Teachers of Mathematics Annual Meeting. Los Angeles, CA.

Yagi, S. & Venenciano, L. (2022, October). *Parts and Whole: Representing Addition and Subtraction Problems in a Measurement Context*. Workshop presentation at the 2022 National Council of Teachers of Mathematics Annual Meeting. Los Angeles, CA.

Yagi, S., Venenciano, L., & Wong, W. (2022, March). *Preservice Teachers' Lessons: A Study of Mathematics Knowledge for Teaching*. Paper presented at the 49th Annual Conference of the Research Council on Mathematics Learning (Online).

Yagi, S., Smith, M., Schlaak, N., Venenciano, L. (2022, February). *Enhancing Prospective Teachers' Culturally Responsive Mathematics Teaching Through Child Study*. Multiple

- Paper presentation at the 2022 Annual Meeting of the Association of Teacher Educators. Chicago, IL.
- Venenciano, L. & Yagi, S. (2021, April). *Using a Math Picture Book to Introduce Big Concepts to Young Math Explorers*. Workshop presentation at the National Council of Teachers of Mathematics 2021 Virtual Annual Meeting.
- Yagi, S., Venenciano, L., & Zenigami, F. (2020, March). *First Graders' Representation and Relational Thinking: A Qualitative Study*. Paper presented at the 47th Annual Conference of the Research Council on Mathematics Learning. Las Vegas, NV.
- Yagi, S. & Zenigami, F. (2019, April). *Properties of Equality and Operations: How do 3rd Graders Think?* Paper presentation to the National Council of Teachers of Mathematics Research Conference. San Diego, CA.
- Zenigami, F. & Yagi, S. (2019, April). *Can We Talk? Promoting discourse in the elementary classroom through problem solving*. Workshop presentation at the National Council of Teachers of Mathematics Annual Meeting & Exposition. San Diego, CA.
- Yagi, S., Zenigami, F., & Venenciano, L. (2018, April). *A Measurement Approach to Place Value Concepts*. Workshop Presentation at the National Council of Teachers of Mathematics Annual Meeting & Exposition. Washington, DC.
- Yagi, S & Zenigami, F. (2018, February). *Investigating Place Value Concepts Within a Measurement Context*. Presentation to the 45th Annual Conference of the Research Council on Mathematics Learning. Baton Rouge, LA.
- Venenciano, L. & Yagi, S. (2018, February). *A Classroom Laboratory for Studying Curriculum, Teaching, and Learning*. Presentation to the 45th Annual Conference of the Research Council on Mathematics Learning. Baton Rouge, LA.
- Venenciano, L., Zenigami, F., & Yagi, S. (2017, April). *Coaching Novice Teachers by Promoting Mathematics Curriculum as a Thinking Tool*. Presented at the 49th National Council of Supervisors of Mathematics. San Antonio, TX.
- Venenciano, L., Zenigami, F., & Yagi, S. (2017, April). *Problems Worth Talking About, Posing Purposeful Questions for Class Discourse*. Presentation at the National Council of Teachers of Mathematics Annual Meeting & Exposition. San Antonio, TX.
- Yagi, S., Zenigami, F., & Venenciano, L. (April, 2017). *Developing an Understanding of the Number Line Through Measurement Concepts*. Presentation to the National Council of Teachers of Mathematics Annual Meeting & Exposition. San Antonio, TX.
- Yagi, S. (2017, April). *Examining the Mathematical Discourse of a First Grade Learning Community*. Paper presentation to the National Council of Teachers of Mathematics Research Conference. San Antonio, TX.
- Zenigami, F., Venenciano, L., & Yagi, S. (2017, April). *Supporting Algebra Learners through Modeling Investigations of the (Extra)ordinary*. Presentation to the National Council of Teachers of Mathematics Annual Meeting & Exposition. San Antonio, TX.

- Yagi, S., Zenigami, F., & Venenciano, L. (2017, February). *Designing Professional Development Modules for Teacher Learning and Practice*. Presentation to the 44th Annual Conference of the Research Council on Mathematics Learning. Fort Worth, TX.
- Yagi, S. (2016, February). *Examining the Mathematical Discourse of a First Grade Learning Community*. Paper presented at the 43rd Annual Meeting of the Research Council on Mathematics Learning. Orlando, FL.
- Venenciano, L., Manes, M., & Yagi, S. (2016, February). *Problem solving to develop teachers' mathematical practice and raise awareness for teaching practice*. Paper presented at the annual conference of the Association of Mathematics Teacher Educators. Irvine, CA.

Peer-Reviewed Presentations, Regional, State, and Local

- Yagi, S., Venenciano, L., & Zenigami, F. (2020, February). *A Progression of Mathematical Thinking on the Transitive Properties: A Case Study*. Paper presented at the 42nd Annual Hawai'i Educational Research Association Conference, Honolulu, HI.
- Yagi, S., Venenciano, L., & Zenigami, F. (2019, January). *Early Grades Mathematics: An alternative to the counting-first approach*. Paper presented at the 41st Annual Hawai'i Educational Research Association Conference, Honolulu, HI.
- Yagi, S., Zenigami, F., & Suzuka, K. (2018, January). *Refining curriculum through implementation and research: A case of enhancing student understanding of place value through non-discrete models of measurement*. Paper presented at the 40th Annual Hawai'i Educational Research Association Conference, Honolulu, HI.
- Yagi, S. (2016, January). *First Grade Students' Engagement in the Common Core State Standards for Mathematical Practice within a Mathematics Discourse Learning Community*. Paper presented at the 38th Annual Hawai'i Education Research Association Conference, Honolulu, HI.
- Venenciano, L., Manes, M., Lewis, N. & Yagi, S. (2014, January). *A Model for Effective Content-based Professional Development in Mathematics*. Paper presented at the 36th Annual Hawai'i Educational Research Association Conference. Honolulu, HI.

Non Peer-reviewed Presentations, International

- Yagi, S. (2016, January). *Interactions Driven by Multiple Goals in a Mathematics Classroom*. Paper presented at the 14th Annual Hawai'i International Conference on Education, Honolulu, HI.

Non Peer-reviewed Presentations, State

- Yagi, S. & Venenciano, L. (2023, June). *A Math Intervention with Promise: Insights and Findings from a Practitioner-Researcher Partnership*. Presentation at the STEM² Symposium. Honolulu, HI.
- Yagi, S. (2019, September). *Measurement Concepts Underlying the Number Line*. Presentation to the Hawaii Council of Teachers of Mathematics 2019 Fall Conference. Honolulu, HI.

- Yagi, S. & Zenigami, F. (2018, September). *Developing discourse through problem solving in the elementary classroom*. Presentation to the Hawaii Council of Teachers of Mathematics 2018 Fall Conference. Honolulu, HI.
- Yagi, S. & Zenigami, F. (2018, January). *Investigating place value concepts through a measurement approach*. Presentation to the Hawaii Council of Teachers of Mathematics 2018 Annual Conference. Honolulu, HI.
- Venenciano, L. & Yagi, S. (2018, January). *Enacting the math lesson, developing habits of practice that focus on students' mathematical thinking*. Presentation to the Hawaii Council of Teachers of Mathematics 2018 Annual Conference. Honolulu, HI.
- Yagi, S., Venenciano, L., & Zenigami, F. (2016, October). *A little learning about big ideas: The number line*. Paper presented at the Schools of the Future Conference, Honolulu, HI.

Invited Presentations, Regional, State, and Local

- Venenciano, L. & Yagi, S. (2021, September). *Promoting Relational Thinking in the Early Grades*. Hanahau'oli School Professional Development Center. Honolulu, HI.
- Yagi, S. (2019, April). *Seeing structure in elementary grades mathematics*. Presidential Awards for Excellence in Mathematics and Science Teaching state recognition luncheon. Honolulu, HI.
- Yagi, S. (2018, March). *Developing conceptual understanding and procedural fluency*. Presentation to Institute for Teacher Education Elementary Mathematics course 324. Honolulu, HI.
- Venenciano, L., Zenigami, F., & Yagi, S. (2016, November). *Transitioning from elementary to middle school, cultivating problem solvers*. Presentation at the Mathematics Summit, Honolulu, HI.
- Yagi, S. (2015, December). *Have a mathematical conversation with your child*. Presented at a parent workshop, Pu'uhale Elementary School, Honolulu, HI.
- Yagi, S. (2014, May). *Supporting English language learners in a mathematics classroom*. Presented at the Pacific Rim International Conference on Disability and Diversity, part of the Link Educators Across the Pacific (LEAP) Presenter's Panel, Honolulu, HI.
- Yagi, S. (2013, March). *The Role of Intuition in Learning Mathematics: From the Math Educator's Perspective*. Presented at the Puahia Spring 2013 Event, University of Hawai'i, College of Education, Honolulu, HI.

TEACHING

School of Teacher Education, University of Hawai'i, Mānoa

- STE 612: Clinical Partnership and Practice IV (Spring 2024)
- STE 610: Clinical Partnership and Practice III (Fall 2023)
- STE 604: Clinical Partnership and Practice II (Spring 2023, Spring 2025)
- STE 602: Clinical Partnership and Practice I (Fall, 2022, Fall 2024)
- STE 404G: Teaching in Mathematics (Spring 2023, Spring 2024)

EDUC 615: Action Research in Education (Spring 2021)

STE 324: Elementary Mathematics I (Spring 2021, Fall 2021, Fall 2023, Fall 2024)

STE 325: Elementary Mathematics II (Fall 2020, Spring 2021, 2021–2022, Spring 2025)

Curriculum Studies, University of Hawai‘i, Mānoa

Interdisciplinary Education – Graduate education (SUM2017)

EDCS 624 School Mathematics Curriculum (Fall 2024)

In-service Teacher Professional Development

- Big Ideas in Early Childhood Mathematics, Hanahau‘oli Professional Development Center, Jan. 2025–Dec. 2025
- University Laboratory School Mathematics Professional Development, University Laboratory School, Summer 2023–Fall 2023
- Mathematics Whole School Agreement Professional Learning Series, Hawaii Department of Education, 2021–2022
- Sigsbee Public Charter School Mathematics Professional Development, Sigsbee Public Charter School, Key West, Florida, 2018–2019
- Discourse Through Problem Solving, Kailua-Kalaheo Complex, Hawaii Department of Education, 2018
- Geometric Measurement in Elementary Teaching, dev-TE@M project, University of Michigan, 2016–2017
- Accent on Mathematical Practice, Provision of the Common Core State Standards, State of Hawaii Department of Education, 2016–2017
- Standards for Mathematical Practice in the Common Core State Standards, State of Hawaii, Department of Education, 2017–2018
- Co-director of the Math Teachers’ Circle of Hawai‘i, 2011–2017

Graduate Student Advising

Lead Advisor, Master’s Degree, Master of Education in Teaching Program - 5 completed + 1 current

Lead Advisor, Master’s Degree, Master of Education, Curriculum Studies - 3 completed + 2 current

Committee Member, PhD in Educational Psychology - 1

Committee Member, PhD in Curriculum & Instruction - 1 (current)

Interim Advisor, PhD in Curriculum & Instruction - 1 (current)

EDUCATIONAL SERVICE

To the Field of Mathematics Education and Broader Education Communities

Program Committee member for the annual conference of the Association of Mathematics Teacher Educators, Spring 2025

Program Leader for Mathematics Teacher Education Partnership, 2022–present
Conference Committee member for the Research Council on Mathematics Learning, 2021-2023
State Team Leader for Hawai'i in the Western 2 region of the National Council of Supervisors of Mathematics, 2016–2025
Academic Journal reviewer for:
 Investigations in Mathematics Learning, 2018–present
 Journal of Mathematical Behavior, 2022–2023
 Educational Studies in Mathematics, 2020–2021
Conference proposal reviewer for:
 Association of Mathematics Teacher Educators, 2021
 International Congress on Mathematical Education, 2016
 Psychology of Mathematics Education, North America, 2016, 2019
 National Council of Teachers of Mathematics Research Conference, 2016, 2018
 Research Council on Mathematics Learning, 2015–2018, 2020, 2021-2023
 National Council of Supervisors of Mathematics, 2015
 Hawai'i Education Research Association, 2015–2019
Journal Reviewer for National Council of Teachers of Mathematics journals,
 Teaching Children Mathematics, Mathematics Teaching in the Middle Schools
 2016–2018
 Mathematics Teacher: Learning and Teaching PK–12, 2020–present
State selection committee member for the Presidential Awards for Excellence in Mathematics and Science Teaching, 2016, 2018, 2024
National selection committee member for the Presidential Awards for Excellence in Mathematics and Science Teaching, 2016
4-Year College Director, Hawai'i Council of Teachers of Mathematics, 2016–2021
Visiting member of WASC team to Kahuku Elementary School, 2017
Middle School Director, Hawai'i Council of Teachers of Mathematics, 2010 – 2011

To the University of Hawai'i, Mānoa

University of Hawai'i Mānoa Faculty Senator, 2019–2021
Secretary on Committee on Faculty Service, 2020–2021
Committee member on Committee on Faculty Service, 2019–2021
Spring Undergraduate Showcase judge, 2018
Hānai Host Family Program mentor, 2018–2019

To the University of Hawai'i, Mānoa College of Education (COE) and School of Teacher Education (STE)

Chair of COE Teacher Education Committee (Mathematics), 2022-2024, 2024-2026
Co-Chair of Faculty Search Committee - Assistant Professor, STEM Education #82174, Spring 2024

College of Education Alternate Senator 2023-2024
Curriculum Studies MEd Mathematics Track Admissions Committee, 2021–present
CRDG Department Personnel Committee Chair, 2021–2022
COE Personnel Committee Chair, 2021–2022
College of Education Senator, 2020–2022
Teacher Education Committee member(Mathematics), 2020–2022
Mathematics Teacher Education Partnership Hui, 2019–present
College of Education Personnel Committee member, 2020– 2021
College of Education Senator, alternate, 2017–2019
CRDG Department Personnel Committee member, 2015–2021
College of Education Fellowship Committee member, 2019–2020
College of Education Personnel Committee member, 2016–2017
Faculty search committee – CRDG mathematics, 2015; Institute for Teacher Education
Elementary Mathematics, 2015

PROFESSIONAL MEMBERSHIPS/AFFILIATIONS

Association of Teacher Educators
Association of Mathematics Teacher Educators
Mathematics Teacher Education Partnership
National Council of Teachers of Mathematics
National Council of Supervisors of Mathematics
Research Council on Mathematics Learning