

Dr. Ksenija Simic-Muller
Pacific Lutheran University
Mathematics Department
Email: simicmka@plu.edu
Phone: (253) 538-5699

Employment

Pacific Lutheran University 2014-present
Tenured assistant professor

Pacific Lutheran University, 2008-present
Assistant professor

University of Arizona, 2007-2008
Adjunct instructor

University of Arizona, 2004-2007
Teaching post-doctoral fellow in the Mathematics Department
Post-doctoral fellow at the Center for the Mathematics Education of Latinos/as (CEMELA)

Education

PhD in Pure and Applied Logic, Carnegie Mellon University, 2004
Dissertation Title: Aspects of ergodic theory in subsystems of second-order arithmetic
Advisor: Jeremy Avigad

MS in Mathematics, Carnegie Mellon University, 2000

BS in Theoretical Mathematics with Applications, University of Belgrade, 1997

Research interests

Primary: Mathematics education. Teacher education, teaching mathematics for social justice, equity in K-12 mathematics education, culturally responsive pedagogy, inquiry-based learning in university mathematics classes, out-of-school learning environments.

Secondary: Mathematical logic. Proof theory, intuitionist and constructive analysis.

TEACHING

Teaching experience

Assistant professor, Pacific Lutheran University, 2008-present

Adjunct instructor, University of Arizona, 2007-2008

Teaching post-doctoral fellow, University of Arizona, 2004-2007

Summer course instructor, Carnegie Mellon University, 1999-2002 (6 semesters)

Recitation instructor, Carnegie Mellon University, 1998-2004 (12 semesters)

Recitation instructor, University of Belgrade, 1997-1998 (2 semesters)

Courses taught

Pacific Lutheran University

MATH 107, Mathematical Explorations
MATH 123, Modern Elementary Math I
MATH 124, Modern Elementary Math II
MATH 140, Precalculus
MATH 151, Introduction to Calculus
MATH 152, Calculus II
MATH 245, Discrete Structures
MATH 331, Linear Algebra
MATH/EDUC 446, Math in the Secondary School
MATH 499A, Capstone: Senior Seminar I
MATH 499B, Capstone: Senior Seminar II

University of Arizona and Carnegie Mellon University

Mathematics in Modern Society, Business Mathematics (A), Calculus Preparation, Calculus I and II, Introduction to Linear Algebra, Matrix Algebra, Discrete Mathematics, Understanding Elementary Mathematics (A and B), Mathematical Logic, Geometry and Measurement for K-8 Teachers

Teaching-related activities

After-school math club at McCarver Elementary School, Fall 2016-current. In partnership with the school, started an after-school mathematics program for 2-5 grade students, run by MATH 124 students.

Independent study, Spring 2016. Conducted an independent study with Meaghan Gould. Student read research about ethnomathematics, culturally responsive teaching, and teaching mathematics for social justice; and developed middle school-level mathematics curriculum related to sustainability to implement at Keithley Middle School and elsewhere.

Independent study, Spring 2016. Conducted an independent study with Jimmy Creek. Student learned about graph theory and investigated the use of graph theory in games.

Mathlete Coaching Project, Fall 2015-present. Support PLU undergraduates in coaching Keithley Middle School students in mathematics by creating curriculum, holding training meetings, and serving as the program's liaison with the school.

PLU Summer Academy, Summer 2015 and 2016. Taught MATH 107 in the initial two years of the Summer Academy, geared towards students who have been admitted to PLU but may need additional academic and personal support in order to succeed.

Bryant Montessori School, Spring 2015-Spring 2016. Taught a weekly mathematics lesson, worked with individual students, and helped the teacher with curriculum development in a 1-2-3 grade classroom.

Independent study, Spring 2013. Conducted an independent study with five mathematics education and education majors. Students aligned a real life-based mathematics curriculum to Common Core Mathematics Standards.

Independent study, Spring 2012. Conducted an independent study with student Marsha Steger. The student spent 10 hours a week in a high school mathematics classroom. Meetings consisted of an in-depth study of geometry concepts through the lens of the class she observed.

Giaudrone Middle School, Fall 2011-Fall 2012. Observed mathematics classes and worked with individual students, attended professional development activities at the school, and supervised MATH/EDUC 446 students who were placed in the school's mathematics classrooms for their field experience.

Independent study, Spring 2011. Conducted an independent study with student Lucas Dolge. The student explored topics from the mathematics endorsement competencies document for Washington State, such as complex numbers, discrete mathematics, and basics of linear algebra.

Small Group Instructional Diagnosis (SGID), 2010-present. Offer faculty oral and written feedback about their courses, based on a consultation with the entire class, conducted in the absence of the instructor.

Lincoln High School, September 2010-2013. Observed 9th grade algebra classes and helped individual students, tutored after school, and conducted mock college-admission interviews with seniors.

Independent study, Spring 2010. Conducted an independent study "Math games: research and practice" with student Lynsey Uyeno. The student compiled calculus games for use in the classroom, and organized a calculus game night in the mathematics department.

Mathlete Coaching Project, 2009-2013. Recruited and trained PLU undergraduates to coach local elementary and middle school students for the Washington State Math Olympiad, created curriculum for coaches, provided instructional support to coaches, organized coach-teacher meetings, organized annual family math night for students and their families, and helped organize a visit for 5th and 6th grade students to PLU.

Keithley Middle School, Fall 2008. Observed classes, helped teacher with lesson planning, and occasionally taught lessons.

CEMELA, University of Arizona, 2005-2007. Coordinated activities, created curriculum, facilitated sessions, supervised undergraduate facilitators and conducted research in the After-school Math Club for Latino/a students, grades 3-6; taught a geometry course and co-taught a topics course for in-service middle-school teachers.

Undergraduate Research Program, University of Arizona, 2005-2007. Helped undergraduate students choose, research, and write final reports or papers on topics in mathematical logic.

Teaching assistant training, University of Arizona, 2005-2007. Co-taught a class for first-time teaching assistants, helped with first-time teaching assistant training in the summer, supervised and gave feedback to graduate students on their teaching.

Summer Institute for Native American Students, University of Arizona, summers of 2005 and 2006. Taught at a mathematics/mathematical biology summer camp on beekeeping for Tohono O'odham and Yaqui high school students, tutored, and provided other academic aid.

Sonia Kovalevski High School Mathematics Day, University of Arizona, 2006 and 2007. Co-organized a day of mathematics workshops for female high school students to encourage them to pursue careers in mathematics and the sciences, and ran workshops in logic and graph theory.

Supplemental Instruction (SI), Carnegie Mellon University, 1999-2004. Interviewed, trained, observed and coordinated undergraduate SI leaders who ran study sessions for their peers.

Eberly Center for Teaching Excellence, 2000-2004. Observed and gave feedback to graduate student instructors, and helped run workshops and orientations.

Tutoring, 1993-2004. While a college and graduate student, tutored approximately 200 students at all levels: from second-grade mathematics to MBA statistics classes.

Funded projects

Mathlete Coaching Project. Received \$5000 in funding from the Mathematical Association of America through a Tensor-SUMMA grant, March 2017.

Mathlete Coaching Project. Received \$5900 in funding from the Mathematical Association of America through a Tensor-SUMMA grant, April 2016.

Mathlete Coaching Project, with Bryan Dorner. Received \$1000 in funding by TOTE, December 2012.

Mathlete Coaching Project, with Bryan Dorner, Celine Dorner, and Daniel Heath. Received \$3000 in funding from the Greater Tacoma Community Foundation, December 2010.

Mathlete Coaching Project, with Bryan Dorner, Celine Dorner, and Daniel Heath. Funded \$15,000 annually by Intel. September 2009 - August 2012.

Sonia Kovalevski High School Mathematics Day. Funded by the Association of Women in Mathematics (AWM) and the National Security Agency (NSA) in 2006 and 2007.

SCHOLARSHIP

Books

Felton-Koestler, M., **Simic-Muller, K.**, & Menéndez, J. M. (2017). *Reflecting the World: A Guide to Incorporating Equity in Mathematics Teacher Education*. Charlotte, NC: Information Age Publishing.

Peer-reviewed journal articles, published or submitted while at PLU

Aguirre, J., Anhalt, C., Turner, E. M., Cortes, R., & **Simic-Muller, K.** Engaging teachers in the powerful combination of mathematical modeling and social justice: The Flint water task. Submitted to *Mathematics Teacher Educator*.

Simic-Muller, K. (2016). Finding the Common Denominator: Using Math to Read Injustice in the World. *About Campus*, 21(5), 23-26.

Simic-Muller, K., Fernandes, A., Felton, M. D. (2015). "I just wouldn't want to get as deep into it": Preservice teachers beliefs about the role of controversial topics in mathematics education. *Journal of Urban Mathematics Education*, 8(2), 53-86.

Simic-Muller, K. (2015). Social justice and proportional reasoning. *Mathematics Teaching in the Middle School* 21(3), 163-168.

Simic-Muller, K. (2015). From "eye-opening to mathematical: Helping preservice teachers look for mathematics in stories of oppression. *Teaching for Excellence and Equity in Mathematics* 6(1), 33-40.

Simic-Muller, K. (2015). "This is a problem for the entire nation, not just my mom": Poverty and homelessness in a mathematics course for preservice K-8 teachers. *Journal of Mathematics Education* 8(1), 56-67.

Simic-Muller, K. (2015). Mathematizing perceptions: Preservice teachers use of mathematics to investigate their relationship with the community. *REDIMAT* 4(1), 30-51,
<http://www.hipatiapress.info/hpjournals/index.php/redimat/issue/view/131>.

Simic-Muller, K. (2013). Access to water: Connecting a mathematics class. *The International HETL Review*, 3(6), <http://www.hetl.org/feature-articles/access-to-water-connecting-a-mathematics-class>.

Thirumudthy, V., **Simic-Muller, K.** (2012). Kolam: A mathematical treasure of South India. *Childhood Education*, 88(5), 309-314.

Turner, E., Varley Gutierrez, M., **Simic-Muller, K.**, & Diéz-Palomar, J. (2009). “Everything is math in the whole world”: Integrating critical and community knowledge in authentic mathematical investigations with elementary Latina/o students. *Mathematical Thinking and Learning*, 11(3), 136-157.

Simic-Muller, K., Varley Gutierrez, M., & Turner, E. (2009). Math club problem posing. *Teaching Children Mathematics*, 16(4), 206-212.

Peer-reviewed journal articles, published prior to PLU

Turner, E., Varley, M., **Simic-Muller, K.**, & Diéz-Palomar, J. (2007). “Math is everywhere:” Connecting mathematics to students’ lives. *Journal of Mathematics and Culture*, 1(2).

Diéz-Palomar, J., **Simic-Muller, K.**, & Varley, M. (2007). El Club de Matemáticas. Una experiencia cultural de matemáticas de la vida cotidiana, para la diversidad. *Uno : Revista de Didáctica de las Matemáticas*, XIII(45).

Simic, K. (2007). The pointwise ergodic theorem in subsystems of second-order arithmetic. *Journal of Symbolic Logic*, 72, 46-66.

Avigad, J., & **Simic, K.** (2006). Fundamental notions of analysis in subsystems of second-order arithmetic. *Annals of Pure and Applied Logic*, 139, 138-184.

Book chapters, published while at PLU: Editor-reviewed

Simic-Muller, K. (accepted). Who makes the minimum wage? G. Karali, & L. Khadjavi, (Eds.), *Mathematics and social justice: Perspectives and resources for the college classroom*.

Simic-Muller, K. (2016). Not called to action: Can social justice contexts have a lasting impact on pre-service teachers? In D. White, S. Crespo, & M. Civil, (Eds.), *Cases for Teacher Educators: Facilitating Conversations about Inequities in Mathematics Classrooms*. Charlotte, NC: Information Age Publishing.

Book chapters, published while at PLU: Invited

Vomvoridi-Ivanovic, E., Varley, M., Viego, G., **Simic-Muller, K.**, & Khisty, L. K. (2013). Teacher development in after-school mathematics contexts: Insights from projects that capitalize on Latinas/os’ linguistic and cultural resources. In P. Bell, B. Bevan, A. Razfar, & R. Stevens, (Eds.), *Learning-Out-of-School-Time (L.O.S.T.)*. New York, NY: Springer.

Felton, M. D., **Simic-Muller, K.**, & Menéndez, J. M. (2012). Math isn’t just numbers or algorithms: Mathematics for social justice in preservice K-8 content courses. In L. Jacobsen, J. Mistele, & B. Sriraman (Eds.), *Mathematics Teacher Education in the Public Interest*. Charlotte, NC: Information Age Publishing.

Simic-Muller, K., Varley Gutierrez, M., & Gutierrez, R. (2012). *Stand and Deliver* twenty years later. In E. Sklar & J. Sklar (Eds.), *Mathematics and popular culture*. Jefferson, NC: McFarland.

Conference proceedings, published while at PLU

Simic-Muller, K., Felton-Koestler, M., & Fernandes, A. (2016). "You can't go on the other side of the fence": Preservice teachers and real-world problems. In Wood, M. B., Turner, E. E., Civil, M., & Eli, J. A. (Eds.). Proceedings of the 38th annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education. (pp. 821-828). Tucson, AZ: The University of Arizona.

Simic-Muller, K. (2015). Učenje matematike kroz vizuelne i fizičke modele: nekoliko primera [Learning mathematics through visual and physical models: A few examples] (pp. 75-85), <http://alas.matf.bg.ac.rs/~konferenc> Proceedings of the Fifth "Mathematics and its Applications" Symposium, Beograd, Serbia.

Conference proceedings, published prior to PLU

Diéz-Palomar, J., Varley, M., & **Simic, K.** (2006). *Children and adults talking and doing mathematics: A study of an after-school math club* (Vol. 2, pp. 450-456). In Merida: S. Alatorre, J.L. Cortina, M. Saiz, & A. Mindez (Eds.), Proceedings of the Twenty Eighth Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education.

Other publications, published while at PLU

Simic-Muller, K. Fitting Circles, published as a contributed activity for *Geometry Playground*, by D. Heath and J. Jacobs, The MAA Mathematical Sciences Digital Library Loci: Resources, September 2010. Although the resource is published under the names D. Heath and J. Jacobs, all parts of the resource, including contributed activities by other authors, were refereed.

Professional development

SER² Soaring toward Educational Rigor, Fall 2016 - Spring 2018. Serving as a mathematics consultant for part of a three-year professional development grant with Rochester, Eatonville, and Steilacom School Districts. Duties include conducting 16 hours a year of mathematics content instruction to teachers to improve their mathematical content knowledge.

Clover Park School District, June 2015. Facilitated a half-day workshop about mathematical modeling to high school teachers from the district.

Culturally Responsive Mathematics Teaching Partnership Project: Summer Institute, August 2014. Co-facilitated a three-day summer institute for middle-school and high-school teachers in the Federal Way School District, and was the main facilitator for the second day of the institute.

In Focus: Common Core State Standards in Mathematics Partnership Project, Summer 2013-Summer 2014. As one of two grant administrators, conducted two summer institutes and regular day-long trainings with twenty-seven 3-7 grade teachers in the Clover Park School District, observed classrooms, worked with students, provided feedback to teachers, and helped plan units to align with the Common Core Standards for Mathematics. Total contact hours with teachers and administrators: 190.

Presentations given while at PLU

Simic-Muller, K., Fernandes, A., & Felton-Koestler, M. (2016, November). "You can't go on the other side of the fence": Preservice teachers and real-world problems. Thirty Eighth Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education, Tucson, AZ.

- Simic-Muller, K.** (2016, October). *Planning to teach math for social justice*. Workshop given at 9th annual Northwest Conference on Teaching for Social Justice, Portland, OR.
- Simic-Muller, K.,** Fernandes, A., & Felton-Koestler, M. (2016, June). *Measuring preservice teachers' beliefs about teaching real-world and controversial issues*. Talk given at TODOS 2016: Ensuring Equity and Excellence in Mathematics for ALL, Phoenix, AZ.
- Simic-Muller, K.** (2016, January). *From quantitative literacy to basic modeling in a summer bridge program*. Talk given at Joint Mathematics Meetings, Seattle, WA.
- Simic-Muller, K.,** & Aguirre, J. (2015, October). *Mathematical modeling for social justice*. Workshop given at 8th Annual Northwest Conference on Teaching for Social Justice, Seattle, WA.
- Simic-Muller, K.** (2015, March). *Mathematics teaching (and testing) around the world*. Talk given at PLU Mathematics Department Seminar, Tacoma, WA.
- Simic-Muller, K.,** & Felton-Koestler, M. (2015, February). *Culturally responsive mathematics teaching: What should teachers know and how will they learn it?* Talk given at the Annual Conference of the Association of Mathematics Teacher Educators, Orlando, FL.
- Simic-Muller, K.** (2014, October). *Učenje matematike kroz vizuelne i fizičke modele: Nekoliko primera [Learning mathematics through visual and physical models: A few examples]*. Talk given at the "Mathematics and its Applications" Symposium, Beograd, Serbia.
- Simic-Muller, K.** (2014, August). *Mathematizing social justice: Bringing university events into the mathematics classroom*. Talk given at MathFest, Portland, OR.
- Simic-Muller, K.,** & Baillon, A. (2014, June). *Social justice in unexpected places: Tunnel of Oppression in the mathematics classroom*. Talk given at the New American Colleges & Universities Summer Institute, Redlands, CA.
- Simic-Muller, K.** (2013, January). *Mathematizing social justice: Bringing community, school, and university events into the mathematics classroom*. Workshop given at Creating Balance in an Unjust World Conference, San Francisco, CA.
- Simic-Muller, K.** (2013, January). *An open-ended project for a liberal arts mathematics course*. Talk given at Joint Mathematics Meetings, San Diego, CA.
- Simic-Muller, K.,** & Patterson, S. (2012, October). *Disappearing water and ongoing oppression: Contexts for creating social justice-oriented mathematics lessons*. Workshop given at 5th Annual Northwest Conference on Teaching for Social Justice, Portland, OR.
- Simic-Muller, K.,** Horak, C. (2012, April). *Reaching out to the local middle school*. Panel discussion at Mathematical Association of America Pacific Northwest Division Meeting, Portland, OR.
- Simic-Muller, K.,** Felton, M., Menéndez. (2012, January). *Challenges and successes in teaching mathematics as sociopolitical in preservice K-8 Content Courses*. Talk given at Annual Meeting of the Association of Mathematics Teacher Educators, Fort Worth, TX.
- Simic-Muller, K.,** Menéndez, J. (2012, January). *A social justice-oriented approach to mathematics for preservice K-8 teachers*. Workshop given at Creating Balance in an Unjust World Annual Conference, San Francisco, CA.
- Simic-Muller, K.** (2011, October). *Teaching mathematics for social justice in content courses for preservice K-8 teachers*. Workshop given at 4th Annual Northwest Conference on Teaching for Social Justice, Seattle, WA.

Simic-Muller, K. (2011, April). *The promise of infinitesimals in your calculus class and elsewhere*. Invited talk given at University of Puget Sound Mathematics and Computer Science Department Seminar, Tacoma, WA.

Simic-Muller, K. (2011, March). *Whose mathematics is it anyway?* Talk given at PLU Mathematics Department Seminar, Tacoma, WA.

Simic-Muller, K., Dorner, B.C., Dorner, C., Van Gundy, A., Gartner, N. (2010, April). *Math outreach* Panel discussion at Mathematical Association of America Pacific Northwest Division Meeting, Seattle, WA.

Simic-Muller, K., Turner, E., Varley, M., Diez-Palomar, J., Sutton, T. (2010, March). *Community-based problem solving in the after-school math club*. Poster presented at CEMELA/CPTM/TODOS Conference, Tucson, AZ.

Simic-Muller, K. (2009, March). *Gödel's incompleteness theorems, or this statement is false!* Talk given at PLU Mathematics Department Seminar, Tacoma, WA.

Presentations given prior to PLU

Diez-Palomar, J., **Simic-Muller, K.,** Turner, E., Varley, M. (2007, March). *Changing pre-service teachers' perceptions of mathematics education with Latinos/as through after-school experiences*. Paper presented as part of a symposium titled "The after-school: Shifting paradigms for Latinos/as learning mathematics," American Educational Research Association Annual Meeting, Chicago, IL.

Diez-Palomar, J., **Simic-Muller, K.** Turner, E., Varley, M. (2007, March). *Teaching mathematics for social justice with elementary Latino/a students in an after-school setting*. Paper presented as part of a symposium titled "Teaching mathematics for social justice," American Educational Research Association Annual Meeting, Chicago, IL.

Diez-Palomar, J., **Simic-Muller, K.,** Turner, E., Varley, M. (2007, March). *Teaching mathematics for social justice with elementary school students*. Talk given at National Council of Teachers of Mathematics Annual Meeting Research Pre-session, Atlanta, GA.

Kondek, L., **Simic, K.** (2006, March). *Designing an after-school Math Club for bilingual students*. Talk given at National Council of Teachers of Mathematics Annual Meeting, St. Louis, MS.

Simic, K. (2005, January). *Defining products of L_p functions in subsystems of second-order arithmetic*. Invited talk given at Association for Symbolic Logic Annual Meeting, Atlanta, GA.

Guest presentations and workshops

Strategies for tutoring middle school students. Guest lecture at the 6th Annual Tutor & Mentor Training organized by the Center for Community Engagement and Service, October 2016.

Mathematics workshop at the *Love Your Education* conference for seventh grade Keithley Middle School students, March 2016.

Cultural responsiveness in math teaching. Guest lecture at the 5th Annual Tutor & Mentor Training organized by the Center for Community Engagement and Service, October 2015.

Upotreba vizuelnih modela u nastavi matematike [Using visual models in teaching mathematics]. Guest lecture at the Teacher Education Faculty, University of Belgrade, December 2014.

Obrazovni softver [Educational software]. Guest lecture at the Faculty of Mathematics, University of Belgrade, December 2014.

Privilege walk exercise. Workshop during Residential Life Institute, August, 2013

Cryptography: Making and breaking codes. Workshop for 8-10 grade students during MESA Saturday Academy, June 2013.

Barnaga: Game of cultural differences. Workshop during Residential Life Institute, August 2012 and January 2013.

Co-facilitated, with Vidya Thirumudthy, two mathematics workshops for fifth grade students from Parkland schools for the Parkland Education Project, October 2012.

Measures of inequality. Guest presentation in ANTH 217, March, 2012.

Perils of credit cards. Guest presentation in RA training, March 2012.

Whose mathematics is it anyway? Guest lecture in EDUC 205, March 2011.

Research Studies in Progress

“Teaching mathematics for social justice in math content courses for preservice teachers.” Collecting and analyzing student work related to social-justice-oriented mathematics curriculum in classes for preservice K-8 teachers, and examining their beliefs about teaching for social justice through a survey and interviews. Fall 2011-present.

“Investigating how prospective teachers learn mathematical practices through engaging with online media.” Collecting and analyzing student work on a module that features an online platform, LessonSketch, for simulating classroom interactions. Fall 2015- present.

Reviewing

Proposal reviewer, Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education, Spring 2016.

Journal article reviewer, *Mathematics Teaching in the Middle School*, June 2014-present.

Proposal reviewer, Association of Mathematics Teacher Educators Annual Conference, 2009 - 2013.

Journal article reviewer, *Mathematics for All (TODOS)*, 2009 - present.

SERVICE

Department Service

Department search committee member, Spring 2017.

Academic advisor, 2008 - present. Typically advising 10-15 mathematics and mathematics education majors per year.

First-year advisor, 2009-2010, 2015-2016. Advised 3-4 first-year students each time.

Capstone advisor.

Study session facilitator, November 2010. Prepared students for the West-E exam required of all Washington State teacher candidates.

MAA liaison or department membership administrator, Fall 2010 - 2013, Fall 2015-current. Write items for the regional newsletter, and forward information to department members, manage student memberships.

Calculus night organizer, April 2010. Co-organized an evening of calculus games with student Lynsey Uyeno.

Department meeting note-taker, Spring 2010 - Spring 2012, Spring 2013 - Spring 2014, Fall 2015-present.

Liaison with the School of Education and MESA, 2008 - present.

Department curriculum committee member, 2008 - present.

Department search committee member, 2008-2009.

University Service

Jolita Benson Chair of Elementary Education search committee member, Spring 2017.

Participated in the Election and education panel, Fall 2016.

Peace Scholars Program coordinator, Fall 2016 - present. Duties include leading the selection of candidates who will attend the Nobel Peace Prize Forum and Peace Studies Seminar in Norway, promoting the program on campus, traveling to the Nobel Peace Prize Forum, and coordinating with other Lutheran universities with Norwegian heritage that participate in the program.

Participated in the Presidents' Scholars interviews, February 2016.

Member of the Summer Academy Steering Committee, Spring 2016-Spring 2017.

Member of the Center for Gender Equity (formerly Women's Center) Advisory Board, Fall 2015-present.

Member of the IHON Steering Committee, Fall 2015-present.

Participated in the "Status of women globally" panel, Spring 2014.

Member of the Peace Scholars Committee, Spring 2013 - present.

Helped prepare training for Residence Hall Assistants about compassionate consumerism, May 2012.

Wrote problems for the MATH 123 placement test for incoming transfer students, Spring 2012.

Wrote problems for the MESA Day Math Competition, March 2012.

Helped with group interviews for prospective Residence Hall Assistants, March 2012 and March 2013.

Faculty staff consulting committee, Wang Center Symposium "Our thirsty planet," February 2012.

Campus Life Committee member, Fall 2011-Spring 2014. Duties included participating in Academic Dishonesty Hearing Panels and helping create a toolkit for faculty about academic dishonesty.

University Diversity Committee representative of the Campus Life Committee, Fall 2011-Fall 2012. Duties included preparing the launch of the Diverse Learning Environments survey.

Student Media Board representative of the Campus Life Committee, Fall 2011-Spring 2012, Spring 2013 - Spring 2014.

Disability Support Services Advisory Committee member, 2011-2012.

MESA Day Math Competition lead judge, April 2011.

Tunnel of oppression facilitator, annually between 2011 and 2014.

Facilitator and panelist, Explore Retreat, January 2011, and January 2012.

Consultant, SGID, September 2010 - present.

Mathlete Coaching Project co-coordinator, 2009-2013.

Collaborated with the Department of Instructional Development and Leadership to help write the EPC proposal and plan for MATH 124, Spring 2009.

Love Your Body Day panelist, October 2008.

Women and Gender Studies Committee member, 2008-2009.

Professional Service

Editor, *Teaching for Excellence and Equity in Mathematics (TEEM)*, September 2016-present.

Organizer, “Bringing the community into the college mathematics classroom,” session at the 2016 meeting of the Mathematical Association of America.

Co-organizer, with Tom Edgar, “Addressing the needs of mathematics and computer science majors in discrete mathematics courses,” session at the 2016 meeting of the Mathematical Association of America.

Organizer, “Social justice,” session at the 2015 Pacific Northwest Section of the Mathematical Association of America, April 2015.

Editorial panelist, *Teaching for Excellence and Equity in Mathematics (TEEM)*, June 2014-September 2016. Also mentored authors in revising manuscripts.

Co-organizer, with Tom Edgar and Ashlyn Munson, 5th Annual Northwest Undergraduate Mathematics Symposium, held at PLU in April 2013.

Co-organizer, with Feryal Alayont, “Instructional support roles for undergraduates in mathematics and statistics,” session at the 2012 MathFest of the Mathematical Association of America.

Problem writer, 7-8 grade long problem for the Washington State Math Olympiad, January 2012.

Organizing committee member, Association of Mathematics Teacher Educators 2012 Annual Conference.

Organizing committee member, CEMELA 2011 retreat.

Panel facilitator, CEMELA/CPTM/TODOS conference, March 2010.

Mentor, Association of Women in Mathematics (AWM), 2005 - 2011.

Drexel University’s Ask Dr. Math website Dr. Math volunteer, 2006-2010.

CEMELA research symposium organizer, January 2007.

Awards and Honors

Karen Hille Phillips Regency Advancement Award, awarded Spring 2016. The award, in the amount of \$1,536 was used to hire a research assistant for the Mathlete Coaching Project.

Spirit of Diversity Award, presented by Diversity Center staff, for being “especially empowering, advocating, and supportive of social justice initiatives,” Spring 2014.

Outstanding Paper Award, presented by The International Higher Education Teaching and Learning Association (HETL) for the paper Access to water: Connecting a mathematics class, a global issue, and a campus event, Fall 2013.

Karen Hille Phillips Regency Advancement Award, awarded Spring 2013. The award, in the amount of \$2,600 was used to travel to meet with the co-investigators on the research study “Teaching mathematics for social justice in math content courses for preservice teachers,” and to hire a research assistant.

Carnegie Mellon Department of Mathematical Sciences Summer 2003 fellowship.

Mellon College of Science 2003 Hugh D. Young graduate student teaching award (presented annually to a graduate student in the Mellon College of Science).

Best graduating student in 1997, College of Mathematics, University of Belgrade.

Selected Professional Development Activities

Lesson Sketch meeting in Silver Spring, MD, June 2015. Joined a working group developing modules on the online platform Lesson Sketch to use with preservice teachers.

Teachers Development Group teacher training, May and June 2015.

Nobel Peace Prize Forum in Minneapolis, March 2015, June 2016.

Two-day workshop about inquiry-based learning at the Seattle University, March 2015.

“Beyond inclusion, beyond empowerment,” spring book group discussions, organized through the Office of the Provost, Spring 2012.

Wild Hope faculty seminar, 2010-2011.

“Math in the City” mathematical modeling workshop, University of Nebraska - Lincoln, December 2010.

PLU tripartite agreement signing at the University of Namibia, March 2010.

CEMELA Retreat (May 2005), CEMELA School (January 2006), CEMELA Research symposium (January 2007).

Education and mathematics education classes (2004-2006).

Professional Memberships

National Council of Teachers of Mathematics (NCTM).

Association of Mathematics Teacher Educators (AMTE).

TODOS: Mathematics for All.