

Sean P. Yee, Ph.D.

VITA

12/18/2015

University of South Carolina, Columbia
LeConte College, 317K
Columbia, SC, 29208
803-777-4225
yeesp@mailbox.sc.edu

CURRENT POSITION

Assistant Professor of Mathematics Education at the University of South Carolina, Columbia.

EDUCATIONAL BACKGROUND

2012 Ph.D. in Mathematics Education within Curriculum and Instruction, Kent State University (Kent, Ohio)
2012 Licensed Mathematics Teacher in the State of Ohio grades 7-12
2006 Masters in Mathematics Education, Ohio State University (Columbus, Ohio)
2005 Doctoral Work in Pure Mathematics Focusing on Several Complex Variable Analysis, University of Notre Dame (Southbend, IN)
2004 Masters of Science in Mathematics, Ohio State University (Columbus, Ohio)
2001 Bachelor of Science in Mathematics, Ohio State University (Columbus, Ohio)

PROFESSIONAL EXPERIENCE

2014-Present Tenure-Track Assistant Professor Joint Position with Department of Mathematics within the College of Arts and Sciences and the Department of Instruction and Teacher Education within the College of Education at the University of South Carolina
2012-2014 Tenure-Track Assistant Professor in Mathematics Education at California State University, Fullerton
2008-2012 Cleveland State University Part-Time Faculty
2006-2012 Full-Time Mathematics Teacher (Grades 9-12) at Solon High School
2005-2006 Student Teaching in Secondary Schools (Grades 6-12) through the Ohio State University
2002-2006 Lecturer and Instructor for the Ohio State University
1999-2001 Recitation Instructor, Teaching Assistant, and Tutor for the Ohio State University

SCHOLARLY PURSUITS AND TEACHING INTERESTS

- Teaching Educator's Mathematical and Pedagogical Content Knowledge
- Teaching Undergraduate and Graduate Mathematical Curriculum
- Research and Teaching Mathematics Graduate Student Instructore Pedagogy
- Researching Mathematical Metaphorical Conceptualization to Improve Teacher Listening
- Research in Contextualizing Proof, Proving, and Problem Solving within Collegiate and Secondary Education

TEACHING EXPERIENCE

2014-Present University of South Carolina, Columbia: Practicum Seminar for Graduate Teaching Assistants, Advanced Doctoral Mathematics Research, Mathematics Pedagogy I & II, Calculus 1, Calculus 2, and Vector Calculus.
2014-2015 Developed and created courses MATH 791 and MATH 792: Mathematics Pedagogy I & II. (Courses created and approved as 1 credit hour courses for Mathematics Graduate Student Instructors starting Spring 2016).
2014-2015 Created and taught seminar for mathematics graduate students who teach MATH 115,

2012-2014	Precalculus. This seminar founded the course proposal for MATH 791 and 792. California State University, Fullerton: Capstone Mathematics Course for Secondary School, Mathematics Course for Elementary Teachers, Supervising Student Teachers in the Secondary Classroom, and Teaching Action Research Course for Graduate Students.
2008-2012	Cleveland State Post-Secondary Enrollment Options Program (PSEOP): Multivariable Calculus, Differential Equations, and Linear Algebra.
2006-2012	Solon High School: Algebra 2, Honors Algebra 2, Geometry, Honors Geometry, Accelerated Pre-Calculus, Accelerated Algebra 2, Honors Algebra 2, and Multivariable Calculus, Differential Equations, and Linear Algebra.
2005-2007	Student Teaching through Ohio State University, Grades 6, 8, 9, 10, 11, & 12
2002-2006	Ohio State University: Collegiate Algebra, Accelerated Collegiate Algebra, Pre-calculus, Basic Calculus Sequences, Integrated Calculus, Advanced Calculus for Engineers, and Multivariable Calculus.
1999-2001	Ohio State University: Collegiate Algebra, Pre-Calculus, Advanced Pre-Calculus, Business Calculus, Calculus, and Honors Calculus.

JOURNAL ARTICLES IN PRINT

Boyle, J.D., Bleiler, S. K., **Yee, S. P.**, & Ko, Y. (2015). Transforming Perceptions of Proof: A Four-Part Instructional Sequence. *Mathematics Teacher Educator (MTE)*, 4(1), 32-38. [Equal Authorship, Tier 2 Journal Article (R.1.1), Acceptance Rate 11.2%]

Yee, S. P. & Bostic, J. D. (2014). Developing a students' contextualization of problem solving. *Journal of Mathematical Behavior (JMB)*, 36(2014), 1-19. [70% Yee/30% Bostic, Tier 1 Journal (R.1.1.), Impact Factor: 1.04 Cites per Article (R.1.2.)]

Yee, S. P. (2013). Problem solving concretely with the word like. *Investigations in Mathematics Learning*, 5(3), 25-43.

JOURNAL ARTICLES IN REVIEW

Ko, Y., **Yee, S.P.**, Boyle, J., Bleiler, S. (Revise and Resubmit). Empowering Students' Proof Learning Through Communal Engagement. Submitted to *Mathematics Teacher*.

Yee, S. P., Thune-Aguayo, A. (Under Review). Students' and Teachers' Conceptual Metaphors for Mathematical Problem Solving. Submitted to *Educational Studies in Mathematics*.

Yee, S. P., Boyle, J., Ko, Y., Bleiler, S. (Under Review). The Effects of Facilitating Communally-Generated Proof Criteria with Students' Arguments. Submitted to *Mathematical Thinking and Learning*.

Yee, S. P., Otten, S., & Taylor, M.W. (Under Review). What Do We Value in Secondary Mathematics Teaching Methods? Submitted to *Investigations in Mathematics Learning*.

CONFERENCE ARTICLES IN PRINT

Otten, S., **Yee, S. P.**, & Taylor, M. W. (2015, November). Secondary mathematics methods courses: what do we value? Proceedings from 37th Annual Meeting of Psychology of Mathematics Education of North America (PME-NA, pp. 772-779), Lansing, MI. [Equal Authorship, Tier 3 Journal Article (R.1.1.), Acceptance Rate=30%]

Yee, S. P., Boyle, J. D. Ko, Y., & Bleiler, S. K. (2015, February). Empowering ownership of proof with communal proof-writing criteria. In G. Matney & M. Che. (Eds.), Proceedings from 42nd Annual Research

Council on Mathematics Learning (pp. 33-41), Las Vegas, NV: Research Council on Mathematics Learning (RCML). [Acceptance Rate 41%]

Yee, S. P., Ko, Y., Bleiler, S., & Boyle, J. (2014). Communal assessment of proof: Undergraduates' development of proof-writing criteria. In P. Liljedahl, et al. (Eds.), *Proceedings of the 38th Conference of the International Group for the Psychology of Mathematics Education and the 36th Conference of the North American Chapter of the Psychology of Mathematics Education* (Vol 6, pp. 415-416). Vancouver, Canada: University of British Columbia, Vancouver. [Equal Authorship, Tier 3 Journal Article(R.1.1.), Acceptance Rate<50%]

Yee, S. P. (2014). Three-column proofs for algebraic reasoning and justification. In G. Matney & M. Che. (Eds.), *Proceedings from 41st Annual Research Council on Mathematics Learning* (pp. 146-154), San Antonio, TX: RCML. [Acceptance Rate 39%]

Yee, S. (2013). *Meaningful listening through coherent conceptual metaphors*. 35th Annual Meeting of Psychology of Mathematics Education of North America (PME-NA), Chicago, IL.

Yee, S. P. (2013). *Conceptual metaphors of problem solving: Listening for experiences*. National Council of Teachers of Mathematics (NCTM) Research Pre-session Denver, CO.

Yee, S. P. (2013). *Metaphors as a medium for hermeneutic listening for teachers*. Proceedings of 40th Annual Research Council on Mathematics Learning (RCML) Conference, Tulsa, OK.

Yee, S. P. & Bostic, J. (2012). *A developmental perspective into students' contextualization of problem solving*. 34th Annual Meeting of Psychology of Mathematics Education of North America (PME-NA), Kalamazoo, MI.

Yee, S. P. (2012). *Applying conceptual metaphor theory to understand mathematical problem solving*. Proceedings of 39th Annual Research Council on Mathematics Learning (RCML), Charlotte, NC.

Yee, S. P. (2011). *Metaphors for mathematical problem solving*. Proceedings of 38th Annual Research Council on Mathematics Learning (RCML) Conference, Cincinnati, Ohio.

CONFERENCE ARTICLES IN REVIEW

Yee, S. P. & Rogers, K. C. (2016). Graduate students' pedagogical changes using iterative lesson study. 19th Proceedings of the Research in Undergraduate Mathematics Education (RUME), Pittsburgh, PA.

Yee, S. P. (2016). Concretizing mathematical problem solving with metaphors. International Congress on Mathematical Education, Hamburg, Germany.

BOOK CHAPTERS IN PRINT

Bleiler, S., Ko, Y., **Yee, S. P.**, & Boyle, J. (2015). Chapter 9: Communal development and evolution of a course rubric for proof writing. In K. Karp (Ed.), *Annual Perspectives in Mathematics Education (APME): Assessment to Enhance Learning and Teaching* (97-108). Reston, VA: National Council of Teachers of Mathematics (NCTM).[Equal Authorship]

OTHER PUBLICATIONS

Webpage (Not Refereed)

Yee, S. P. (2012). *Metaphor awareness within curriculum problem solving*. Curriculum Leadership Institute Webpage <http://www.ehhs.kent.edu/cli/>.

Yee, S. P. (2011) *Myopic mathematical problem-solving strategies with the word like*. RCML Intersection Points, Vol 35, No. 4.

Action Research (Refereed)

Yee, S. P. (2006). *Using enhancing mathematical problem-solving skills by extended responses*. OSU Action Research Thesis in Mathematics Education.

GRANTS AND FELLOWSHIPS FUNDED

Yee, S. P. & Rogers, K.C. (2015-2017) *Implementing a Peer-Mentorship Model for Mathematics Graduate Student Instructors*. (PI). National Science Foundation (NSF) EArly-concept Grants for Exploratory Research (EAGER): \$300,000. [Acceptance Rate=17%]

Yee, S. P. (2014-2015). *Touchstones for Secondary Mathematics Education Methods Courses*. (PI). Southeastern Conference (SEC) Visiting Faculty Travel Grant: \$1318. [Acceptance Rate 35%]

Yee, S. P. (2013-2014). *Improving How Mathematics Teachers Listen Using Conceptual Metaphors*. (PI). Junior Faculty Intramural Research Grant, California State University, Fullerton: \$6413. [Acceptance Rate 25%]

Yee, S. P. (2013-2014). (STaR) National Service, Teaching, and Research Early Career Doctoral Fellowship. \$5000 [Acceptance Rate < 40%]

Yee, S. P. (2013-2014). *NOYCE Grant for Mathematics Teaching Fellows and Master Teaching Fellows Project (MT2)*. (Senior Personnel) National Science Foundation (NSF) \$2,500,000.) [Acceptance Rate < 10%]

Yee, S. P. (2012-2013). *Conceptual Metaphors in Problem Solving*. (PI). Faculty Development Center, Funding My Research Grant (FMR). (PI). Kent State University, Kent, OH. \$1000. [Acceptance Rate<50%]

Yee, S. P. (2010-2013). *Grant- Researcher and Designer for Online Flash Applets for Collegiate Mathematics Classes*. (Co-PI). National Science Foundation (NSF) Division of Undergraduate Education (DUE). Cleveland State University. \$200,000. [Acceptance Rate<10%]

Yee, S. P. (2008-2011). *Curriculum Leadership Institute (CLI)* . (Co-PI). Martha Holden Jennings Grant. <http://www.ehhs.kent.edu/cli/>. \$100,000. [Acceptance Rate<10%]

Yee, S. P. (2008-2012). *Graduate Student Conference Presentation Grants (PME-NA, RCML, NCTM, JCT)*. (PI). Kent State University. \$4000. [Acceptance 50%]

GRANTS IN PROGRESS

Roy, G., Hodges, & **Yee, S. P.** (Co-PI, Resubmitted and Under Review). *Dynamic Geometry in Rural High School Classrooms*. Submission National Science Foundation Discovery Research K-12 Grant: \$1,400,000.

GRANTS NOT FUNDED

Roy, G., Hodges, T. E., Yow, J., & **Yee, S. P.** (2015) *Dynamic Geometry in Rural High School Classrooms*. Submission National Science Foundation Discovery Research K-12 Grant: \$1,400,000 [Acceptance Rate<10%]

Yee, S. P. (2013-2014). *Improving Mathematics Teachers Ability to Listen*. (PI). Braitmeyer Grant for Innovation in K-12 Classrooms, Braitmeyer Foundation. \$35,000 [Acceptance Rate<10%]

Yee, S. P. (2012-2013). *Pilot Design for Professional Development on Listening*. (PI) California State University Fullerton Community Based Research Grant. \$1250 [Acceptance Rate,50%]

GRANT RELATED ACTIVITIES

Thompson, P. & **Yee, S. P.** (2013-2014). *Defining Secondary Mathematics Assessment*. Data Collector for Project Aspire. National Science Foundation (NSF) Award #1050595.

SPEAKER INVITATIONS

Yee, S. P. (2015, February). Teaching with technology: From tablets to Nintendo Wii Smartboards. Speaker at Richland One School District Teacher Professional Development.

Yee, S. P. (2015, February). My connections with STaR and changing positions. Panel Speaker for Association of Mathematics Teacher Educator's 2014 STaR (Service, Teaching, and Research) Cohort. Presentation at the 19th Annual Association of Mathematics Teacher Educators (AMTE) Conference, Orlando, FL. http://prezi.com/s1lupv0wndz8/?utm_campaign=share&utm_medium=copy

Yee, S. P. (2015, January). Communal criteria to empower proof education. Colloquium Talk for the College of Education at the University of Missouri. Columbia, Missouri.
http://prezi.com/iibgkrhjudpu/?utm_campaign=share&utm_medium=copy&rc=ex0share

Yee, S. P. (2014, December). Communal criteria to empower proof education. Colloquium Talk for the Department of Mathematics at Bowling Green State University (BGSU). Bowling Green, Ohio.

Yee, S. P. & Bostic, J. D. (2014, October 11). Developing a contextualization of students' problem solving [Audio Podcast]. Retrieved from http://mathed.podomatic.com/entry/2014-10-11T21_27_29-07_00. [Equal Authorship]

Yee, S. P. (2011, December) Succeeding in Choosing Ohio First (COF). Panel Speaker for 61st Annual Ohio Council of Teachers of Mathematics (OCTM) Conference: Prime Time in Toledo.

CONTRIBUTED PRESENTATIONS

Yee, S. P., Boyle, J. D., Bleiler-Baxter, S. K., & Ko, Y. (2015, November). *Making proof count: Empowering proof education through communal criteria*. Presentation at the 2015 Nashville Regional Conference of National Council of Teachers of Mathematics (NCTM), Nashville, TN. [Equal Authorship, Acceptance Rate<40%]

Otten, S., **Yee, S. P.**, & Taylor, M. W. (2015, November). *Secondary mathematics methods courses: What do we value?* Presentation at 37th Annual Meeting of Psychology of Mathematics Education of North America, Lansing, MI. [Equal Authorship, Acceptance Rate=30%]

Ko, Y., Boyle, J. D., **Yee, S. P.**, & Bleiler-Baxter, S. K. (2015, November). *Making proof count: Empowering proof education through communal criteria*. Presentation at the 2015 Minneapolis Regional Conference of National Council of Teachers of Mathematics (NCTM), Minneapolis, MN. [Equal Authorship, Acceptance Rate<40%]

Yee, S. P., Otten, S., & Taylor, M. W. (2015, June). *Curricular touchstones for secondary methods courses*. Presentation at the 2015 National Conference for the Association of Public Land-grant Universities

(APLU) Science and Mathematics Teaching Imperative (SMTI), New Orleans, LA. [Equal Authorship, Acceptance Rate<30%]

Ko, Y., **Yee, S. P.** Boyle, J. D., & Bleiler, S. K. (2015, April). *Shift in arguments: Effect of an instructional sequence*. Presentation at the 31st Annual International Conference of Association of Science Education Taiwan (ASET), Kenting, Taiwan. <http://seerinn.com/aset2015/> [Equal Authorship, Acceptance Rate<40%]

Boyle, J. D., Bleiler, S. K., Ko, Y., & **Yee, S. P.** (2015, April). *What counts? Developing communal understanding of proof through creating classroom-based criteria*. Presentation at the 2015 Annual Conference of National Council of Teachers of Mathematics (NCTM), Boston, MA. [Equal Authorship, Acceptance Rate<10%]

Boyle, J. D., Bleiler, S. K., **Yee, S. P.**, & Ko, Y. (2015, April). *Constructing viable arguments and critiquing the reasoning of others: Where to start?* Presentation at the 47th Annual Conference of National Council of Supervisors of Mathematics (NCSM), Boston, MA. [Equal Authorship, Acceptance Rate<20%]

Bostic, J., Conrady, K., Ives, S., & **Yee, S.** (2015, February). *Smoothing the ups and downs: Tools for professional transitions*. Presentation at 42nd Annual Research Council on Mathematics Learning (RCML) Conference, Las Vegas, NV. [Acceptance Rate 41%]

Yee, S. P., Boyle, J. D., Ko, Y., & Bleiler, S. K. (2015, February). *Empowering ownership of proof with communal proof-writing criteria*. Presentation at 42nd Annual Research Council on Mathematics Learning(RCML) Conference, Las Vegas, NV. [Equal Authorship, Acceptance Rate 41%]

Yee, S. P. & Taylor, M. W. (2015, February). *Developing touchstones for secondary mathematics methods courses*. Presentation at the 19th Annual Association of Mathematics Teacher Educators (AMTE) Conference, Orlando, FL. [Equal Authorship, Acceptance Rate 44%]

Ko, Y., **Yee, S. P.**, Bleiler, S. K., & Boyle, J. D. (2015, February). *Creating classroom-developed criteria for what counts as proof*. Presentation at the 19th Annual Association of Mathematics Teacher Educators (AMTE) Conference, Orlando, FL. [Equal Authorship, Acceptance Rate 44%]

Yee, S. P. (2014, November). *Number line dancing*. Presentation at the 38th Annual South Carolina Council of Teachers of Mathematics Annual Conference (SCCTM), Myrtle Beach, SC.

Yee, S. P. & LaCassa, M. (2014, October). *Because you're mine, I dance the line*. Presentation at the 54th Annual California Mathematics Council South Annual Conference (CMC-South), Palm Springs, CA. [Equal Authorship]

Bleiler, S., Ko, Y., **Yee, S. P.**, & Boyle, J. (2014, July). *Communal assessment of proof: Undergraduates' development of proof-writing criteria*. Presentation at the 38th Conference of the International Group for the Psychology of Mathematics Education (PME) and the 36th Conference of the north American Chapter of the Psychology of Mathematics, Vancouver, Canada. [Equal Authorship]

Bleiler, S. K., Boyle, J. D., Ko, Y., & **Yee, S. P.** (2014, June). *Developing communal understanding of proof-writing criteria*. Presentation at the 17th Annual Legacy of R.L. Moore Inquiry-Based Learning Conference (IBL), Denver, CO. [Equal Authorship]

Yee, S. P. (2014, June). *Conceptual metaphors as a prescriptive means to improve teacher listening*. Presentation at the 8th Annual International Conference on Mathematics, Statistics & Education, Athens Institute for Educational Research (ATINER), Athens, Greece. [Acceptance Rate 45%]

Yee, S. P. (2014, February). *3-Column proof in algebra courses for preservice teachers*. Presentation at the 18th Annual Association of Mathematics Teacher Educators (AMTE) Conference, Irvine, CA.

Bleiler, S. K., Boyle, J. D., Ko, Y., & **Yee, S. P.** (2014, January). *Communal assessment of proof: Undergraduates' development of proof-writing criteria*. Presentation at the 97th Joint Mathematics Meetings, American Mathematical Society (AMS) and Mathematics Association of America (MAA), Baltimore, MD. [Equal Authorship]

- 2013
- 35th Annual Meeting of Psychology of Mathematics Education of North America (PME-NA) Chicago, IL. *Meaningful listening through coherent conceptual metaphors*. Northwest Mathematics Council (NWMC) Conference, Bellevue, WA. *Listening to student experiences through conceptual metaphors for problem solving*.
 - 54th Annual California Mathematics Conference South (CMC-South), Palm Springs, CA. *Problem Solving Metaphors: Listening for Student Experiences*.
 - 54th Annual California Mathematics Conference South (CMC-South), Palm Springs, CA. *Because You're Mine, I Dance the Line*.
 - Department Presentation, California State University, Fullerton, CA. *Creating a smart board using wii remote technology*.
 - Analysis Seminar, California State University, Fullerton, CA. *New proof of the density of the rationals and irrationals in the reals using the floor function*.
 - California State University, Fullerton, CA. Catalyst Center, Research in Teaching and Learning Math and Science. *Coherent metaphors for mathematical problem solving*.
 - National Council of Teachers of Mathematics (NCTM) National Research Presession, Denver, CO. *Conceptual metaphors of problem solving: Listening for experiences*.
 - American Mathematics Society (AMS) Joint Mathematics Meeting (JMM) Annual Conference, San Diego, CA. *Improving undergraduate mathematics education using dynamic graphics embedded within Webwork*.
 - 40th Annual Meeting of the Research Council on Mathematics Learning (RCML), Tulsa, OK. *Metaphors as a medium for hermeneutic listening for teachers*.
- 2012
- 34th Annual Meeting of Psychology of Mathematics Education of North America (PME-NA) Kalamazoo, MI. *A developmental perspective into students' contextualization of problem solving*.
 - 39th Annual Meeting of the Research Council on Mathematics Learning (RCML), Charlotte, NC. *Applying conceptual metaphor theory to understand mathematical problem solving*.
- 2011
- 33rd Annual Meeting of Psychology of Mathematics Education of North America (PME-NA) Reno, NV. *Conceptual metaphors within mathematical problem solving*.
 - Guest Panel Speaker for Choose Ohio First (COF) Scholarship program for Science, Technology, Engineering, and Mathematics (STEM) undergraduate for universities of northeast Ohio.
 - 38th Annual Meeting of the Research Council on Mathematics Learning (RCML) Cincinnati, OH. *Metaphors for mathematical problem solving*.
- 2010
- Choose Ohio First (COF) Scholarship Program for STEM Majors at Kent State University, Kent, OH. *Metaphors for mathematical problem solving*.

- 2009 •9th Annual Conference on Educational Leadership, Miami, OH. *Lens & dimension: metaphor awareness to aid teachers and students in problem solving.*
- 30th Annual Bergamo Conference on Curriculum Theory and Classroom Practice, Dayton, OH. *Metaphor awareness: focusing versus whittling in curriculum problem solving.*
- 2005 •ND Graduate Student Seminar Talk on the *d-bar* Problem
- 2004 •OSU Graduate Student Seminar Talk: *Introduction to differential forms*
- 2003 •OSU Graduate Student Seminar Talk: *Zeros of holomorphic functions*
- OSU Graduate Student Seminar Talk: *Cantor set counter-examples*

NATIONAL/INTERNATIONAL SERVICE

- 2015 Mathematics Teacher Education Partnership (MTEP) Active Learning Research Action Cluster (RAC) Research Meeting, University of Nebraska, Lincoln. 2015-Present
Participated in Mathematics Teacher Education Partnership (MTEP) Active Learning Research Action Cluster (RAC), Fullerton, CA.
- 2015-Present Proceedings Reviewer for Annual Research in Undergraduate Mathematics Education (RUME) Conference.
- 2015-Present Proceedings Reviewer for Annual International Congress on Mathematical Education Conference (ICME).
- 2015-Present National Science Foundation IUSE Grant Reviewer, Washington D.C.
- 2015-Present Manuscript Reviewer for Mathematics Teaching in the Middle School (MTMS), National Council of Teachers of Mathematics (NCTM).
- 2015-Present Manuscript Reviewer for Journal of Mathematics Education Leadership (JMEL), National Council of Supervisors of Mathematics (NCSM).
- 2014-2017 Conference Committee Board Member for Research Council on Mathematics Learning (RCML).
- 2012-Present Manuscript Reviewer for Investigations in Mathematics Learning Journal.
- 2011-Present Reviewer for Association of Mathematics Teacher Educators (AMTE).
- 2011-Present Reviewer for American Education Research Association (AERA) Annual Meeting.
- 2010-Present Proceedings Reviewer for Psychology of Mathematics Education, North America Chapter (PME-NA)
- 2010-Present Proceedings Reviewer for Research Council on Mathematics Learning (RCML).
- 2014 Reviewer for National Council of Teachers of Mathematics (NCTM) Research Session.
- 2013-2014 Manuscript Reviewer for Mathematics Teacher (MT), National Council of Teachers of Mathematics (NCTM).
- 2014-Present National Council of Teachers of Mathematics (NCTM) Research Session Reviewer.
- 2013-Present Manuscript Reviewer for Mathematics Teacher (MT), National Council of Teachers of Mathematics (NCTM).
- 2012-Present Manuscript Reviewer for Investigations in Mathematical Learning Journal (RCML)
- 2011-Present Presentation Reviewer for Association of Mathematics Teacher Educators (AMTE)
- 2011-Present Presentation Reviewer for American Education Research Association (AERA) Annual Meeting
- 2010-Present Proceedings Reviewer for Research Council on Mathematics Learning (RCML)
- 2010-Present Proceedings Reviewer for Psychology of Mathematics Education (PME-NA)
- 2010-2012 Journal Reviewer for Research Center for Educational Technology Journal (RCETJ)
- 2005-2006 Member of the National Council of Teachers of Mathematics (NCTM) and Teacher Advisory Panel (TAP)

COMMUNITY SERVICE

- 2015 Volunteered at Flood Food Shelter for Homeless

- 2014 Volunteer at Pawmetto Lifeline Animal Shelter
2015 Technology Professional Development for Richland 1 School District. Using the Wii Remote to replace Smartboard Technology.
- 2013-2014 Professional Development with Unified Orange School District Teacher to Align Number Line Operations with Common Core State Standards (CCSS) Using Embodied Cognition
- 2013-2014 Orange County, CA Early Assessment Program (EAP) Teacher Trainer, State Certified Professional Development for Secondary Teachers in Strengthening Mathematical Instruction (SMI) for CCSS and EAP
- 2007-2010 Member of the Solon High School Textbook Committee
- 2006-2012 Coach for the Solon High School Chess Club, Math Club, and Volleyball

UNIVERSITY SERVICE

- 2015 Asked to present for new university faculty at the beginning of the FALL 2015 semester.
- 2014-Present Collaborating with the College of Engineering and Computing, developed and implemented pre-survey and post-survey for Precalculus students to determine influence of MATH 115 in early undergraduates change in majors and careers.
- 2014-2015 Developed and implemented pre-survey and post-survey for Precalculus students to determine influence of MATH 115 in early undergraduates change in majors.
- 2013-2014 Nominated and Presented the Rose Klein Award (\$500) to CSUF Student Kacie Carnes
- 2012-2014 Supervisor for Secondary Student Teachers in Schools Districts near Fullerton, CA
- 2005-2006 OSU Mathematics, Science, and Technology Education Representative (MSaTER)

DEPARTMENT SERVICE

- 2015-Present Department of Mathematics: Advising undergraduate students on classes.
- 2015-Present Department of Mathematics: Coordinator for Math 115 (Precalculus) courses.
- 2015-2017 Department of Mathematics: Elected to Faculty Senate Committee.
- 2015 Department of Instruction and Teacher Education: Member of Tenure and Promotion Ad-Hoc Committee
- 2014-Present Department of Mathematics: Reviewed Mathematics Graduate Students Teaching Philosophies
- 2014-Present Department of Mathematics: Initiated, Authored, and Published over 40 newsletters labelled "Math Grad TABloid" for Graduate Teaching Assistants (GTAs). Newsletter can be found at <http://seanpyee.wix.com/uscmgt>
- 2014-Present Department of Mathematics: Observed Graduate Teaching Assistants (GTAs), wrote up observations, and discussed observations with GTAs.
- 2014-Present Department of Mathematics: Wrote letters of recommendation (teaching) for doctoral mathematics students' job applications.
- 2014-2015 Department of Mathematics: FALL 2014 and SPRING 2015: Ran seminar every week for one hour for MATH 115 (Precalculus) Graduate Teaching Assistants (GTAs) (Mandatory for future teaching)
- 2014-2015 Department of Mathematics: Member of Mathematics Education Committee
- 2014-2015 Department of Instruction and Teacher Education: Member of Masters of Education Committee
- 2014 Department of Mathematics: Aided fellow mathematics professor, Eva Czabarka, in grading graduate students mathematics/mathematics education project.
- 2012-2014 Advisor for California State University, Fullerton Undergraduate, Graduate, and Post-Graduate Students
- 2012-2013 Member of the Graduate Teaching Committee for California State University, Fullerton
- 2012-2013 Member of the Curriculum Committee for California State University, Fullerton

HONORS AND AWARDS

2011-2012	Awarded Member of Who's Who in North American Education (WWNAE)
2010-2012	Recognized Teacher of the Top 15 Students of Solon High School
2008-2012	Rising Star Teacher at Solon High School
2007	Perfect Score on Praxis III in Teaching and Pedagogy
2006	T ³ (Teaching Teachers with Technology) Texas Instruments Certification)
2006	Certificate of Excellence for scoring in top 10% on Praxis II: Mathematics
2004-2005	Full Doctoral Scholarship with Stipend at Notre Dame University in Mathematics
2002-2003	Finalist in Ohio State University's Excellence in Teaching Award

PROFESSIONAL MEMBERSHIPS

2015-Present	Research in Undergraduate Mathematics Education (RUME)
2013-Present	Association of Mathematics Teacher Educators (AMTE)
2010-Present	Psychology of Mathematics Education (PME-NA)
2010-Present	Research Council on Mathematics Learning (RCML) Journal
2006-Present	National Council of Teachers of Mathematics (NCTM)
2010-2014	For the Learning of Mathematics (FLM)
2010-2013	American Education Research Association (AERA)
2009-2014	Mathematics Association of America (MAA)
2006-2014	Member of American Mathematics Association (AMA)
2009-2012	Cognitive Science Society Journal (CSS)
2009-2012	Research Center for Educational Technology Journal (RCETJ)
2009-2012	Ohio Council of Teachers of Mathematics (OCTM)
2006-2012	Solon High School Parent Teacher Association (PTA)
2006-2007	Member of Professional Development for Keeping Learning on Track (KLT) at Solon High School for Education Testing Services