

CURRICULUM VITA

Shuhua An

Professor of Math Education
Teacher Education Department
College of Education
California State University, Long Beach
Long Beach, CA 90840-220

*[Contact info redacted for
online publication]*

A. Academic Preparation and Honors

1. Degree, Institution, Year, Major, Other Education

Degree	Institution	Year	Major
Ph.D.	Texas A&M University College Station, Texas	2000	Mathematics Education
M.B.A.	Texas A&M Intl. University Laredo, Texas	1993	International Finance
B.A.	Nanjing Normal University Nanjing, China	1985	Mathematics

2. Professional Experience

2000 - Present Professor and Coordinator of Graduate Program in Mathematics Education.
Teacher Education Department, California State University, Long Beach.

1998 – 2000 Mathematics Teacher, Bryan High School in Bryan Independent School District, Bryan,
Texas.

1994 - 1998 Mathematics Teacher, Martin High School in Laredo Independent School District,
Laredo, Texas.

3. Academic Awards and Honors

Date	Awards and Honors	Institution
2021	RSCA Award: Enhancing Pre-Service Teachers' Knowledge and Disposition in Integrating Geospatial Technologies into K-8 Mathematics Curriculum	
2020	RSCA Award: Integrating Health and Math for Diverse K-5 Children and Enhancing Pre-Service Teachers' Knowledge of Interdisciplinary Approaches. \$1500	
2019	RSCA Award: Supporting Diverse K-5 Children's Math Learning in Clinical Practice	
2018	Service Learning Award: \$325	
2018	RSCA Award: Using DragonBox to Support 5 th Graders' Mathematics Learning and to Enhance Pre-Service Teachers' Knowledge in Mathematics Teaching.	
2017	Service Learning Award: \$337	
2017	RSCA Award: Using Game-Based Learning to Improve Students' Mathematics Proficiency and To Sharpen Teachers' Knowledge in Mathematics Teaching.	
2016	Service Learning Award: \$500	
2016	Supporting Diverse Students' Mathematical Reasoning Through Higher-Level-Cognitive-Demand Mathematical Tasks	

2016	EDLD RSCA AWARD: \$4000 Effects of Using New Technology on Teachers' TPACK and Students' Disposition	
2015	EDLD RSCA Award: \$5000 Supporting Mathematical Reasoning Through East Meets West Approach	
2015	Service Learning Award: \$400	
2015	RSCA Award: Enhancing English Learners' Math Proficiency in Real World Application and Reasoning in Common Core State Standards Using the MSAR Approach	CSULB
2014	Sabbatical Award: Effects of Implementing the MSAR Approach on teaching and Students' Learning in Common Core State Standards for Math in Elementary Classrooms. Paper will be presented at 2015 AERA conference and the paper was submitted to <i>Journal of Urban Learning Teaching and Research</i> in fall 2015	
2014	RSCA Award: Effects of Implementing the MSAR Approach on Teaching and Students' Learning in Common Core State Standards for Mathematics	CSULB
2013	RSCA Award: Building Classroom Teachers' Knowledge and Ability in Applying Common Core State Standards in Math Classrooms Using Model – Strategy-Application Approach	CSULB
2012	RSCA Award: Engaging Classroom Teachers in Learning and Applying Probing Questions in Math Teaching with International Perspectives.	CSULB
2011	International Project Award: Globalizing Instruction in Math Education Graduate Courses	CSULB
2011	RSCA Award: Integrating International Perspectives in Teaching Math in Real Classroom	CSULB
2011	CED One-Time Mini Grant Award: Comparison of U.S. and Korean Teachers: Teacher Beliefs and Procedural Content Knowledge in Math	CSULB
2010	International Project Award: Effective Teaching Strategies in the Algebra Classroom with an International Perspective	CSULB
2010	SCAC Award: Supporting Struggling Students' Learning in Transition from Arithmetic to Algebra.	CSULB
2009	SCAC Award: Using Effective Teaching Strategies in the Algebra Classroom with International Perspectives.	CSULB
2008	SCAC Award: Using Errors as Springboards for Understanding of Students' Cognition in Algebra Readiness.	CSULB
2006	SCAC Award: Teaching Ability in Culturally and Linguistically Diverse Mathematics Classrooms.	CSULB
2005	Tenure/Initial Promotion (TIP) Career Enhancement Award	CSULB
2005	SCAC Award: Developing Pre-Service Teachers' Pedagogical Content Knowledge (PCK) Using the New Model of Representation and Application	CSULB
2004	SCAC Award: The Effect of "Open Class"- the New Model of Professional Development on Enhancing Teachers' PCK	CSULB
2004	Distinguished Graduate Alumnus Award	Texas A&M University
2003	SCAC Award: Comparative Study on Lesson Analysis	CSULB
2002	SCAC Award: Enhancing Math Teachers' PCK: Understanding Students' Thinking in Mathematics Classrooms	CSULB
2001	BeachBoard Hybrid Course Laptop Award	CSULB
1996	Volunteer Award for Children	Laredo Children's Museum
1991 - 1993	Fellowship Award	Texas A&M Intl University

B. Research, Scholarly, and Creative Activities

1. An, S. (2020). The impact of STEAM integration on pre-service teachers' disposition and knowledge. *Journal of Research in Innovative Teaching & Learning*, 13(1), pp. 27-42.
2. Xu, Z., An, S., Liu, Z., Liu, G., & Chen, M. (2019). A case study on teachers' TPACK in 3D dynamic geometry platform for solid geometry learning. *Journal of Mathematics Education*, 12(2), pp. 1-15.
2. Farmer, L., & An, S. (2019). Pre-service teachers' preparation to integrate computational thinking. *Handbook of Research on Integrating Computer Science and Computational Thinking in K-12 Education*. Hershey, Pennsylvania: IGI Global.
3. An, S., & Wu, Z. (2019). *Teaching elementary and middle school mathematics using the MSA approach: Model, strategy, and application* (4thrd ed). Irvine, CA: Education for All Publisher.
4. Wang, Z., Wang, Y., & An, S. (2018). Error analysis of 8th graders' reasoning and proof of congruent triangles in China. *Journal of Mathematics Education*, Vol. 11, No. 2, pp. 85-120.
5. An, S., Wu, Z. (2017). Assessing Student Learning in Number Sense Using Model-Strategy-Application with Reasoning Approach. *Journal of Mathematics Education*, Vol, 10, No.1.
6. Chapman, O., & An, S. (2017). Mathematics Teacher Education Programs That Support In-Service and Pre-Service Teachers' Change. *ZDM Mathematics Education*, 49 (2), 171-185.
7. An S., János S., Wu Z. (2017) Classroom Teaching Research for All Students. In: Kaiser G. (Eds.) Proceedings of the 13th International Congress on Mathematical Education. ICME-13 Monographs. Springer, Cham.
8. An, S., & Wu, Z. (2017). *Teaching elementary and middle school mathematics using the MSA approach: Model, strategy, and application* (3rd ed). Irvine, CA: Education for All Publisher.
9. Chen, J., Cheng, J., An, S., Wu, W., & Jiang, C. (2017). Comparative Study on the Competency of Classifying between Chinese and U.S. First Grade Students. *Journal of Mathematics Education*, Vol. 10, No. 2, pp. 83-94.
10. An, S. (2016). Assessing student learning in arithmetic and number system. *Academic Perspective*. Vol. 11, 21-29.
11. Wu, Z., & An. (2016). Addressing Challenges in Urban Teaching and Learning Math Using Model-Strategy-Application with Reasoning Approach in Linguistically and Culturally Diverse Classrooms. *Journal of Urban Learning Teaching and Research*. Vol. 12, pp.47-60.
12. An, S., & Wu, Z. (2015). *Making international experiences accessible to in-service teachers through East Meets West program*. *Journal of Urban Learning Teaching and Research*. Vol. 11, pp.99-116.
13. An, S., Wu, Z., & An, S. A. (2015). Comparing U.S. and Chinese Teachers' Multidigit Division Knowledge. In B. Sriraman, J. Cai, K. Lee, L. Fan, Y. Shimizu, C. S. Lim, & K. Subramanian (Eds.), *The First Sourcebook on Asian Research in Mathematics Education - 2 Volumes: China, Korea, Singapore, Japan, Malaysia and India*. Charlotte, NC: Information Age Publishing.
14. Wu, Z., & An, S. (2015). *Teaching elementary and middle school mathematics using the MSA approach: Model, strategy, and application* (2nd ed). Irvine, CA: Education for All Publisher.
15. An, S., & Wu, Z. (2015). Using model-strategy-application approach in developing teachers' pedagogical content knowledge and assessing their progress. *Academic Perspective*. Vol. 11, 17-37.
16. Wu, Z., & An, S. (2014). Listening to students' voices: A case study of assessing perspective teachers' thinking in culturally and linguistically diverse classrooms. *Academic Perspective*. Vol. 10, 58-70.
17. An, S., & Wu, Z. (2014). Using the Evidence-Based MSA Approach to Enhance Teacher Knowledge in Student Mathematics Learning and Assessment. *Journal of Mathematics Education*, Vol 7, No. 2, 108-129.
18. Square, L., & An, S. (2014). Factors affecting minority students' college readiness in mathematics. *Journal of Urban Education*, 50: 938-960.

19. Wu, Z., An, S. A., & An, S. (2013). Father's Role in Chinese Children's Education. In J. Pattnaik (Ed.), *Father/male involvement in young children's lives: an international analysis*. Springer.
20. Huang, X., Li, S., & An, S. (2012). Understanding of teaching strategies on quadratic functions in Chinese mathematics classrooms. *Journal of the Korea Society of Mathematical Education Series D: Research in Mathematical Education*. Vol. 16, No. 3.
21. Gamble, B. E., Kim, S., & An, S. (2012). Impact of a middle school math academy on learning and attitudes of minority male students in an urban school district. *Journal of Urban Learning, Teaching, and Research*. Volume 8, Vol. 8, pp.13-25.
22. An, S. & Wu, Z. (2011). Enhancing Mathematics Teachers' Knowledge of Students' Thinking from Assessing and Analyzing Misconceptions. *International Journal of Science and Mathematics Education, 1-37*. Springer.
23. An, S. (2010). How to help children learn mathematics in the US. *Elementary Mathematics*. 10,4-7.
24. Sun, Y., An, S., Wu, Z., & Li, X. (2010). An international perspective on sixth grade mathematics final exams between Beijing and New York. *New Waves - Educational Research & Development*. 13 (1), 3-11.
25. An, S. (2009). Mentor teachers' role in connecting pre-service mathematics teachers' learning to real classroom teaching settings. In G. Zimmermann, P. Guinee, L. M. Fulmore, & E. Murray (Eds.), *Empowering the mentor of the preservice mathematics teacher*. Reston, VA: NCTM.
26. An, S. (2009). Chinese Teachers' Knowledge of Teaching Multi-digit Division. *Journal of Mathematics Education*. Vol. 1, No. 1.
27. Wu, Z., An, S., King, J., Ramirez, R., & Evans, S. (2009). Solving mathematical word problems in primary grades. *Teaching Children Mathematics of NCTM*, No. 8.
28. An, S. (2008). Outsiders' view on Chinese mathematics education: A case study on US teachers' teaching experience in China. *Journal of Mathematics Education*. 1(1), 1-26.
29. Wu, Z., & An, S. (2008). The professional development of mathematics knowledge for teaching. In G. Kulm (Ed.), *Teacher knowledge and practice in middle grades mathematics*. Rotterdam, The Netherlands: Sense.
30. An, S., & Wu, Z. (2008). Approaches to assessing students' thinking from analyzing errors in homework. In C. E. Malloy (Ed.), *Mathematics for every student: Responding to diversity, grades 6-8*. Reston, VA: NCTM.
31. Wu, Z., & An, S. (2007). Alternative assessment in mathematics teaching. In N. Noraini (Ed.), *Classroom assessment in mathematics education*. McGraw-Hill Education.
32. An, S., & Wu, Z. (2007). What is the effective mathematics lesson? *Journal of People's Education of China*. 549, 44-47.
33. An, S., Kulm, G., Wu, Z., Ma, F., & Wang, L. (2006). A comparative study on mathematics teachers' beliefs and their impact on the teaching practice between the U.S. and China. In F. K.S. Leung, K. D. Graf, & F. J. Lopez-Real (Eds.), *Mathematics education in different cultural traditions: A comparative study of East Asia and the West, The 13th ICMI Study*. New York, NY: Springer.
34. An, S. (2005). Capturing Chinese way of teaching: The learning-questioning and learning-reviewing instructional model. In the *How Chinese Learn Mathematics: Perspectives from Insiders* (Chinese version). Jiangsu, China: Jiangsu Publisher.
35. An, S. (2004). *The middle path in math instruction: Solutions for improving math education*. Lanham, MD: Rowman & Littlefield Education.
36. An, S. (2004). *Capturing the Chinese way of teaching: The learning-questioning and learning-reviewing instructional model*, in L. Fan, N.Y. Wong, J.F. Cai, & S.Q. Li (Eds.), *How Chinese learn mathematics: Perspectives from Insiders* (pp.462-482). World Scientific Publisher, the first volume of the publisher's series on Mathematics Education, Series editors: Jeremy Kilpatrick, Lee Peng Yee, and Mogens Niss.

37. An, S. (2004). Critical thinking of important aspects on the reform of mathematics education in China. *Journal of Mathematics Education*. Vol.13 No.4.
38. An, S., Kulm, G., & Wu, Z. (2004). The pedagogical content knowledge of middle school mathematics teachers in China and the U.S. *Journal of Mathematics Teacher Education*. Vol. 7 No. 2, pp 145–17215.
39. An, S. (2002). Action research in mathematics education. *Journal of Mathematics Education*. February 2002.
40. An, S., & Wu, Z. (2002). Comparative study of the development of the mathematics curriculum in the United States and China. *Journal of the Study of Curriculum History*. March 2002.
41. An, S. (2000). Globalization of education in China. *International Journal of Education Reform*, 9, 2, 128-133.
42. Book Translation with Research Group of Comparative Study in Curriculum & Instruction between the U.S. and China: *Middle school geometry and scientific practice*. Tianjing, China: Tianjing Education Publisher. August 2001.
43. Book Translation with Research Group of Comparative Study in Curriculum & Instruction between the U.S. and China: *Primary school mathematical and scientific practice*. Tianjing, China: Tianjing Education Publisher. August 2001.
44. Book Translation with Research Group of Comparative Study in Curriculum & Instruction between the U.S. and China: *Middle school algebra and scientific practice*. Tianjing, China: Tianjing Education Publisher. June 2000.
45. Book Translation with Research Group of Comparative Study in Curriculum & Instruction between the U.S. and China: *High school algebra and scientific practice*. Tianjing, China: Tianjing Education Publisher. June 2000.
46. An, S. (1999). The Origin and Development of Principles and Standards for School Mathematics in U.S. *The Proceeding of Research and Design of National Mathematics Curriculum & Standards Meeting*. The Department of Education in China.
46. ERIC Documents
An, S. (2000). Mathematics teachers' beliefs and their impact on the practice of teaching in China. (ERIC Document Reproduction Service No. 422 670, SE 063810).
47. ERIC Documents
An, S. (2000). *A comparative study of middle school mathematics programs in China and the U.S.* (ERIC Document Reproduction Service No. 422 670, SE 063 811).

Conference Proceedings

- PJ Lin, T Nunes, S An, BV Dorneles, E Rathgeb-Schnierer (2017). Topic Study Group No. 8: *Teaching and learning of arithmetic and number systems (Focus on Primary Education)*. Proceedings of the 13th International Congress on Mathematical Education.
- An, S., & Wu, Z. (2009). A balance Chinese mathematics instruction and its cultural influences. *Preceding of the 33rd Conference of the International Group for the Psychology of Mathematics Education*, Thessaloniki, Greece, Vol. 1, 112.
- Wu, Z., Ma, F., & An, S. (2009). Beyond traditional curriculum: Effectiveness of new mathematics curriculum achievement in China. *Preceding of the 33rd Conference of the International Group for the Psychology of Mathematics Education*, Thessaloniki, Greece, Vol. 5, 504.
- Wu, Z., & An, S. (2008). Shaping teaching ability in K-8 math classrooms. *Preceding of the joint meeting of PME 32 and PME-NA XXX*, Morelia, Mexico, Vol. 1, 325.

Grant Writing and Management

2020-2021	Multidisciplinary Research Award: Improving STEM Education by Integrating Geospatial Technologies into K-8 Mathematics Curriculum. CSULB Office of Research and Sponsored Programs. \$15,000, Co-PI
2016-2017	CED Mentorship Award, Effects of Using New Technology on Teachers' TPACK and Students' Disposition. \$1000 and 3 units Assignment Time. CSULB.
2016-2017	IRA Award: East Meets West Program. \$500. CSULB
2015-2016	IRA Award: East Meets West Program. \$3300. CSULB
2014-2015	IRA Award: East Meets West Program. \$3300. CSULB
2013-2014	CCPE Summer 2014 Online Course Conversion Initiative. \$7500. CSULB.
2013-2014	Develop Global Perspectives in Math Teaching. \$1000. Globalization of Instructional Methodology, IEC Incentive Award. CSULB.
2013-2014	Educational Effectiveness Through Technology Award: Using Problem-Based Learning and MSA Approach in Math Education Course. \$5000. CSULB.
2013-2014	IRA Award: East Meets West Program. \$3300. CSULB.
2012-2013	VMJ Faculty Awards. \$500. CSULB
2012-2013	East Meets West Program. \$3000. CSULB.
2011-2012	International Project Award. \$2500. CSULB.
2010-2011	Longview Grant for global perspectives in teaching math. Participant. \$15,000.
2009-2010	Wang Family Faculty Fellowship. PI. CSU System. \$10,000. Effective Teaching Strategies in Chinese Algebra Classrooms.
2007-2008	3E Award: Developing and Applying Assessment in K-5 th Classrooms. PI. \$7515 for six classroom teachers at Carver Elementary School and my assigned time.
2006-2007	Assessment Grant Request for Proposals (RFP): Evaluating CSULB Teacher Candidates' Knowledge in Mathematics Teaching in Off Campus Setting. \$200
2006-2007	3E Award: Connecting Pre-Service Mathematics Teachers' Learning. PI. \$6,015 for six classroom teachers at Carver Elementary School and my assigned time.
2005-2006	Assessment Grant Request for Proposals (RFP): Evaluating CSLLB Former Students' Teaching Ability in Mathematics Classrooms. CSULB. \$1000 for five former students (classroom teachers).
2005 -2006	TI-Navigator Seed Grant from Texas Instrument: Enhancing Pre-Service Teachers' Proficiency in Mathematics Teaching Through Integrating Technology in Mathematics Methods Courses. Co-PI. \$10,000
2005 Fall	Service Learning in the Curriculum for Mathematics Methods Course. \$1000
2005 Fall	CSULB 3E Award: Enhancing Pre-Service Teachers' Proficiency in Mathematics Teaching: Focusing on Three Aspects of Learning and Teaching. PI. Assigned Time.
2004 Fall	CSULB 3E Award: Integrating Special Education in Math Methods Course. Co-PI. \$200
2002- 2003	AERA-OERI: Can Grading Homework Enhance Elementary Math Teachers' Understanding of Students' Thinking in Cultural and Linguistically Diverse Mathematics Classrooms? PI. \$15,000.
2001-2002	CSULB PT 3 Technology Grant: Integrating BeachBoard in Teaching.

Conference Presentations

1. An, S. (2019). Pre-Service Teachers' Knowledge and Disposition in STEAM Integration. Paper presented at the 11th CTRAS conference, Beijing, China.

2. An, S. (2019). Mathematics Culture in US Classrooms. Keynote Talk at Integrating Mathematics Culture into Classroom conference, Dalian, China.
3. An, S. (2017). Using Sharing Brownies Task for Mixed Number Concept Development. Paper presented at the 9th CTRAS conference, Dalian, China.
4. An, S. (2016). Model with Mathematics: Why, What, and How. Paper presented at CMC-S, Palm Springs.
5. An, S., Yang, S., Park, J., & Tucker, L. (2016). Using Inquiry-Based Learning Approach to Support Students in Learning Decimal Division. Paper presented at the 9th CTRAS, Hamburg, Germany.
6. An, S. (2016). Using MSAR Approach in Math classroom Teaching. Paper presented at ICME13, CTRAS Discussion Group, Hamburg, Germany.
7. Chen, J., An, S., Cheng, J., & Sun, H. (2016). The 3rd Graders' Model-Strategy-Application-Reasoning in the Operation of Two-digit Number Multiplication in China. Paper presented at ICME13, CTRAS Discussion Group, Hamburg, Germany.
8. An, S., Wu, Z. (2016). Assessing student learning in number sense using model-strategy-application with reasoning approach. Paper presented at ICME13, TSG8, Hamburg, Germany.
9. Cheng, J., An, S., & Bao, J. (2016). Cognitive demand of mathematics opening problems exhibited by expert secondary mathematics teachers: A case study in Shanghai-China. Paper presented at ICME13, Hamburg, Germany.
10. An, S., Carmona, M., Castro, A., Ho, E., Patamalai, M., & Smith, C. (2015). *Developing mathematics reasoning in geometry*. Presentation at the 7th Classroom Teaching Research for All Students. Long Beach, California.
11. An, S. (2015). *Using Math Clinic to support struggling students' mathematics learning*. Keynote Talk at the Seventh International Conference on Technology and Mathematics Education and Workshop of Mathematics Teaching, Taiwan.
12. An, S. (2015). *Using the MSAR approach to support mathematical reasoning*. Presentation at East Meets West Forum, Taiwan.
13. An, S., Wu, Z., Cheng, J., Chen, J. (2015). Addressing Challenges in Urban Teaching and Learning Math Using Model- Strategy-Application with Reasoning Approach in Linguistically and Culturally Diverse Classrooms. Paper was presented at 2015 AERA Annual Conference, Chicago, Illinois.
14. Cheng, J., & An, S. (2015). How the expert mathematics teachers open a lesson in Chinese high school: A case study in Shanghai. Paper will be presented at the 27th Annual Ethnographic & Qualitative Research Conference. Las Vegas.
15. An, S. (2014). Using MSAR for math proficiency. Paper presented at the ICCAME conference. Lanzhou, China.
16. An, S. (2014). *Develop teacher and student habits in mind in math*. China and US Math Education Forum. Nanjing, China.
17. An, S. (2013). *Math clinic*. Paper presented at SSMA Annual Conference. San Antonio, Texas.
18. Wu, Z., & An, S. (2013). *Mathematical model and modeling in K-8 classroom*. Paper presented at CMC-S, Palm Springs.
19. An, S., Gordon, S. (2013). *Problem-Based Learning on Creating Equations for Maximizing Volume in Real World Problem Solving*. Paper presented at the 5rd Classroom Teaching Research for All Students (CTRAS) Annual Conference, Fuzhou, China.
20. Wu, Z., An, A.S., & An, S. (2013, April). Father's role in Chinese children education. *Paper presented at 21st Annual International Conference of CAERDA*. San Francisco, CA.
21. Wu, Z. & An, S. (2012, November). Camtasia relay technology improves online teaching and learning mathematics: introduction and demonstration. *Paper presented at School Science and Mathematics Association Annual Convention*. Birmingham, AL.

22. Wu, Z., Sha, J., Wei, J., Li, L., & An, S. (2012). *Assessing Chinese fourth graders' mathematics proficiency*. Paper presented at ICME 12. Seoul, South Korea.
23. Wu, Z., An, S., McCoy, L., & Serrano, B. (2012). *Making international experiences accessible to in-service teachers through East Meets West program*. Paper presented at ICME 12. Seoul, South Korea.
24. Wu, Z., An, S., McCoy, L., & Serrano, B. (2012). *Empirical study on teacher change through in-service education: Using evidence-based MSA approach to assessing student mathematics thinking*. Paper presented at ICME 12. Seoul, South Korea.
25. An, S., Rodriguez, R., & Burson, L. A. (2012). *Using Model-Strategy-Application to Teaching Quadratic Equations*. Paper presented at the 4th Classroom Teaching Research for All Students (CTRAS) Annual Conference, Guilin, China.
26. Wu, Z., & An, S. (2011). *Using concepts and items from PISA to promote STEM education in the Classroom*. Paper presented at CMC-N. Asilomar, CA.
27. An, S., & Carpenter, T. (2011). *Teaching adding and subtracting integers at the 5th grade level in diverse classrooms*. Paper presented at the 3rd Classroom Teaching Research for All Students (CTRAS) Annual Conference. Changshu, China.
28. An, S., Golez, F. V., & Wu, Z. (2011). *East meets west: Teaching math lessons in a dual language immersion setting*. Paper presented at 2011 National Association for Asian and Pacific American Education Conference. Long Beach, CA.
29. An, S., Masunaga, H., Wu, Z., An, A. S., Golez, F. V., & Symcox, L. (2011). *Teachers' knowledge of teaching multidigit division in the United States and China*. Paper presented at 2011 AERA annual conference. New Orleans, LA.
30. Wu, Z. & An, S. (2011). *Effects of structured approach for enhancing ability of word problem for all students in primary grade classroom*. Paper presented at 2011 AERA annual conference. New Orleans, LA.
31. An, S., Wu, Z. (2010). *Using MSA Approach to Assess Diverse Student Math Thinking*. Paper presented at CMC-S, Palm Springs, and CMC-N, Asilomar.
32. An, C. S., & An, S. (2010). *Using music composition to teach math*. Paper presented at 2010 NCTM annual meeting. San Diego, California.
33. An, S. (2010). *Find my rule: Function in elementary classroom*. Paper presented at 2010 AERA Annual Meeting. Denver, Colorado.
34. Shin, S., An, S., & Kim, S. (2010). *The impact of teacher preparation on student mathematics achievement*. Paper presented at 2010 AERA Annual Meeting. Denver, Colorado.
35. An, S., & Burson, L. A. (2010). *Using Multiple Instructional Models to Support Middle School Student Learning Graphing Linear Equations*. Paper presented at the 2nd Classroom Teaching Research for All Students (CTRAS) Annual Conference. Hangzhou, China.
36. An, S. (2009). *Effective math clinic in teacher education program*. Paper presented at CMC-S, Palm Springs.
37. An, S., & Wu, Z. (2009). *Subject-centered teaching in Chinese instruction*. Paper presented at CMC-S, Palm Springs.
38. An, S. (2009). *Using DETECT approach to improve student learning*. Paper presented at CMC-N, Asilomar.
39. Wu, Z., & An, S. (2009). *History of math: the way to promote teaching and learning*. Paper presented at CMC-S, Palm Springs.
40. An, S., & Wu, Z. (2009). *Chinese math instruction and cultural influences*. Paper presented at the 33rd Conference of the International Group for the Psychology of Mathematics Education. Thessaloniki, Greece.

41. Wu, Z., Ma, F., & An, S. (2009, July). *Beyond traditional curriculum: Effectiveness of new mathematics curriculum achievement in China*. Paper presented at the 33rd Conference of the International Group for the Psychology of Mathematics Education, Thessaloniki, Greece.
42. An, S. (2009). *Find my rule: Function in elementary classrooms*. Paper presented at the 1st Annual Meeting of Classroom Teaching Research for All Students. Beijing, China.
43. An, S. (2009). *Using history in K-8 mathematics classroom*. Paper presented at the 3rd International Symposium on the History and Pedagogy of Mathematics in China. Beijing, China
44. An, S., Wu, Z., & An, A. S. (2009). *Chinese teachers' knowledge of teaching whole number division with multiple digits*. Paper presented at 2009 AERA Annual Meeting. San Diego, CA.
45. Wu, Z., Ye, L., & An, S. (2009). *The new features of Chinese math instruction and cultural influences*. Paper presented at 2009 AERA Annual Meeting. San Diego, CA.
46. Wu, Z., & An, S. (2009, March). History of mathematics: The way to promote K-8 students thinking. Paper presented at *T3 Regional Mathematics Conference*. Fullerton, CA.
47. An, S. (2008, November). *Effective probing questions in Chinese math teaching*. CMC-S, Palm Springs; CMC-N, Asilomar.
48. An, S. (2008, November). *Developing pedagogical content knowledge in Integers*. CMC-N, Asilomar.
49. An, S., Wu, Z., & King, J. (2008, July). *Solving mathematical word problems in primary grades*. Paper presented at ICME-11. Monterrey, México.
50. Wu, Z., & An, S. (2008, July). *The mirror of social and cultural influence in mathematics Assessment: research on the effects of the new mathematics curriculum and its practice in China*. Paper presented at ICME-11. Monterrey, México.
51. Wu, Z., & An, S. (2008, July). *Influence of the new mathematics textbooks on student achievement and attitudes in China*. Paper presented at ICME-11. Monterrey, México.
52. Wu, Z., An, S. "Using the model-strategy-application approach to developing pre-service teachers' knowledge and assessing their progress in math methods courses." *11th International Congress on Mathematics Education*. Monterrey, Mexico. 2008.
53. An, S. (2008, June). *Assessing pre-service mathematics teachers' knowledge using the MSA approach*. Invited presentation at the US-Sino Workshop on Mathematics and Science Education: Common Priorities that Promote Collaborative Research. Murfreesboro, TN.
54. An, S. (2008, May). *Teacher education and professional development in US*. Invited Presentation at the China and US Educational Forum. Nanjing Normal University.
55. An, S. (2008, May). Research in mathematics education. Invited Presentation at the China and US Educational Forum. Nanjing Normal University.
56. An, S., & Wu, Z. (2008, March). *Learning strategies in Chinese mathematics classrooms*. Paper presented at 2008 AERA Annual Meeting. New York.
57. An, S. (2007, Nov. & Dec.). *Connecting pre-service mathematics teachers' learning to the real classroom teaching setting*. CMC-S, Palm Springs; CMC-N, Asilomar.
58. An, S. (2007, June). Comparative study on statistics and probability between US and Chinese Textbook at elementary level. Invited Talk by Jiangsu Province Education and Research Center. Nanjing, China.
59. An, S. (2007, June). *Assessment in mathematics education*. Paper presented at the National Middle School Math for the New Century Conference. Qingdao, China.
60. Wu, Z., & An, S. (2007, April). *Beyond Traditional Curriculum – Effectiveness of New Mathematics Curriculum on Student Achievement in China*. Paper was presented at 2007 AERA Annual Meeting. Chicago.
61. Wu, Z., & An, S. (2007, March). Effectiveness of research on the new mathematics curricula and its practice in classroom and student achievement in East Asian countries. Paper was presented at 2007 NCTM annual meeting. Atlanta, Georgia.

62. An, S. & Wu, Z. (2007, March). *Conducting Open Class by Teacher Leaders – Effective Professional Development Model in China*. Paper presented at NCSM 2007 Annual Meeting. Atlanta, GA.
63. An, S. & Wu, Z. (2007, Jan.). *Applying Preservice Teachers' Learning to Real Classroom Teaching Using the MSA Approach*. Paper was presented at 2007 AMTE Annual Conference. Irvine, CA.
64. Wu, Z., & An, S. (2007, Jan.). *Sharpening Teaching Ability in Mathematics Classrooms*. Paper was presented at 2007 AMTE Annual Conference. Irvine, CA.
65. Wu, Z., & An, S. (2006, Nov.). *Using the model-strategy-application approach to teach elementary and middle school mathematics proficiently and effectively*. Paper was presented at 2006 CMC-S. Palm Springs, CA.
66. Wu, Z., & An, S. (2006, Oct.). *Teaching and assessing K-8 mathematics with understanding: Effects of the MSA approach*. Paper presented at 2006 SSMA Annual Conference. Missoula, MT.
67. An, S., & King, J. (2006, Nov.). *Using course based action research to connect research and classroom practice*. Paper was presented at 2006 CMC-S. Palm Springs, CA.
68. Wu, Z., & An, S. (2006, April). *Using the model-strategy-application approach to developing pre-service teachers' pedagogical content knowledge and assessing their progress*. Paper was presented at 2006 AERA Annual Meeting. San Francisco, CA.
69. Wu, Z., & An, S. (2006, April). *Mathematics word problem: A useful tool for assessing students' understanding*. Paper was presented at NCTM 2006 annual meeting. St. Louis, MO.
70. Wu, Z., An, S., & Wang, L. (2005, August). *Comparison study of integrating technology in mathematics teachers' knowledge and confidence between U.S. and Chinese teachers*. Paper was presented at the ERACOME3 Conference, Nanjing, China.
71. Wu, Z., & An, S. (2005, April). *The effect of "Open Class"- the new model of professional development on enhancing teachers' pedagogical content knowledge*. Paper was presented at 2005 AERA Annual Meeting. Montreal, Canada.
72. Wu, Z., An, S., Wang, L., An, J, Zhang, Y., & Wei, J. (2005, April). *Improving mathematics teachers' professional development – School-Based Teachers' Training Program in China*. Paper was presented at 83rd Annual Meeting of the National Council of Teachers of Mathematics (Pre-session). Anaheim, CA.
73. An, S., & Wu, Z. (2005, April). *Developing proficiency in fraction operations: Chinese computational strategies*. Paper was presented at 83rd Annual Meeting of the National Council of Teachers of Mathematics. Anaheim, CA.
74. An, S. (2004 July). *The missing components in teachers' knowledge base in U.S. and Chinese Math education*. Paper was presented at the ICMI-10 Conference. Denmark.
75. An, S. (July 2004). *Using alternative delivery model to enhance pre-service teachers' learning*. Paper was presented at the ICMI-10 Conference. Denmark.
76. An, S. (July 2004). *Transition of mathematics teaching: Action research in cultural and linguistically diverse classrooms*. Paper was presented at the ICMI-10 Conference. Denmark.
77. Wu, Z., An, S., Qi, C., Yu, L., & Li, L. (April 2004). *Improving mathematics proficiency in classrooms – Chinese mathematics lesson analysis*. Paper was presented at the Annual NCTM Conference.
78. An, S. (April 2004). *Teaching fractions using fraction unit: Chinese perspective of teaching fractions*. Paper was presented at the Annual NCTM Conference.
79. An, S. (April 2004). *Can grading homework enhance math teachers' understanding of students' thinking in cultural and linguistically diverse mathematics classrooms?* Paper was presented at AERA Annual Meeting. San Diego, CA.

80. An, S. (April 2004). *East meets West: Seeking the middle path in math instruction*. Paper was presented at AERA Annual Meeting. San Diego, CA.
81. An, S. (January 2004). Building big ideas and focusing on small aspects of research. Keynote Speaker at the 9th Annual Educational Research Exchange Conference at Texas A&M University. College Station.
82. An, S., Kulm, G., Wu, Z., Ma, F., & Wang, L. (October 2002). *A comparative study on mathematics teachers' beliefs and their impact on the teaching practice between the U.S. and China*. Paper was presented at ICMI Conference. Hong Kong.
83. An, S. (April 2002). *The use of alternative assessment leads to increased understanding in math pre-service teachers' pedagogical content knowledge*. Paper was presented at Pathways to Change 2002 International Conference. Arlington, VA.
84. An, S. (April 2002). *Developing pre-service teachers' mathematical pedagogical content knowledge by integrating technology*. Paper was presented at AAACS Annual Meeting. New Orleans, Louisiana.
82. An, S., Kulm, G., & Wu, Z. (April 2002). *The impact of cultural differences on middle school mathematics teachers' beliefs*. Paper was presented at AERA Annual Meeting. New Orleans, Louisiana.
83. Capraro, R., An, S., & Capraro, M. (April 2002). *Magic square*. Paper was presented at the Annual NCTM Conference. Orlando, Florida.
84. An, S., Kulm, G., & Wu, Z. (November 2001). *Global perspectives in middle school mathematics teachers' pedagogical content knowledge: A comparative study between the U.S. and China*. Paper was presented at School Science and Mathematics Association 100th anniversary celebration meeting. Chicago, IL.
85. An, S., & Wu, Z. (April 2001). *Comparative study of the development of the mathematics curriculum in the United States and China*. Paper was presented at AERA Annual Meeting. Seattle, WA.
86. An, S. (February 2001). *Enhancing pre-service teachers' pedagogical content Knowledge*. Paper was Presented at AAAS Annual Meeting. San Francisco, California.
87. An, S. (April 2000). *Mathematics teachers' beliefs and their impact on the practice of teaching in China*. Paper was presented at AERA Annual Meeting. New Orleans, Louisiana.
88. An, S. (April 2000). *Comparative study of mathematics programs in China and the United States middle schools*. Paper was presented at AERA Annual Meeting. New Orleans, Louisiana.
89. An, S. (October 1999). *Globalization of education in China*. Paper was presented at the Annual JCT Conference at Bergamo, Dayton, Ohio.

Editorial or Reviewer Assignments

Editorships

1. Editorial Board Member for *International STEM Journal*, 2019-Present
2. Associate Editor of Research in Innovative Teaching & Learning, 2019-Present
3. Editor-in-Chief for *Journal of Mathematics Education in U.S.*, 2018-Present
4. Editor for Special Issue of 2017 CTRAS for *Journal of Mathematics Education in U.S.*, 2018
5. Editor for Special Issue of 2016 CTRAS for *Journal of Mathematics Education in U.S.*, 2018
6. Editor for two Special Issue of ICME13 TSG 8 for *Journal of Mathematics Education in U.S.*, 2017
7. Guest Editor for ZDM: The International Journal on Mathematics Education, Springer, 2015-2017
8. Editor for the Special Issue of ICME12 TSG 25 for *Journal of Mathematics Education in U.S.*, 2014

9. Editorial Board Member for *Journal of Mathematics Education in U.S.*, 2010-2018
10. Editorial Board Member for *Quaderni di Ricerca in Didattica* in Italy, 2010-Present
11. Associate Editor for *Journal of the School Science and Mathematics in U.S.* 2010- 2014
12. Editorial Board Member for *Journal of Mathematics Education in China*, 2010- Present
13. Associate Editor for *Journal on Mathematics and Science Education* in Malaysia, 2010- Present
14. Member of Advisory Board for the *Jurnal Pendidikan Sains dan Matematik Malaysia (Journal of STEM?)* <https://ejournal.upsi.edu.my/index.php/JPSMM/issue/view/335>

Reviewerships

1. Reviewer for International Group for the Psychology of Mathematics Education
2. Reviewer for *Journal of Mathematics Teacher Education*
3. Reviewer for American Educational Research Association
4. Reviewer for National Council of Teachers of Mathematics
5. Reviewer for *Journal of Mathematical Behavior*
6. Reviewer for *Journal of Teaching and Teacher Education*
7. Reviewer for California Association of Mathematics Teacher Educators Conference

Scholarly Activity with Students

Undergraduate Research Opportunity Program (UROP) (2020-2021)

Katelyn Vo and Giselle Romero (2020-2021). Math and Health Integration on Pre-Service Teachers' Knowledge and Disposition.

The CED Student Scholar 2017-2020

Michelle Velasco (2020-2021). Using Math Clinic for Struggling Students' Math Learning.

Seth Stewart (2019-2020). Using Probing Questions to Support Struggling Students in Math Learning.

Manuel Albarran. (2017-2018). Using Technology Integration – DragonBox to Support Children Mathematics Learning.

- Mentor student scholar on research design, data collection, data analysis, and writing the research report.

Provost's Summer Stipend for Student Award in 2008

Thu Van. (2008). Analysis of Student Misconceptions in Math Learning at Sixth Grade Level.

- Guided an undergraduate student, Thu Van, on developing research ideas and provided help for her writing on the proposal for summer research award.
- Mentored Thu Van on data collection, data analysis, and writing the research report for her research project.
- Co-presented the study with Thu Van at CNSM Symposium presentation in fall 2008.

Dissertation or Thesis Advisor and Chair for Graduates

Dissertation Committee Chair

1. Kimberly Powers. (2018-2020). Language Minority Immigrant Student Success in Math Learning.
2. Lynda McCoy. (2014-2016). Enhancing Elementary Teachers' Knowledge.
3. Mohammad Araeipo. (2011-2013). Comparison of Student Success in Traditional and Distance Delivery Platforms.
4. Square Latisha. (2011-2013). College Readiness in Mathematics.
5. Lisa Lee. (2019-2011). Success in Online Math Courses at Community College Level.
6. Michele Starkey. (2008-2010). Mathematical problem-solving and self-efficacy of female college students.

Dissertation Committee Member

1. Jennifer Kolb. (2013-2015). What's Professional Development Got to Do With It?: The Value of Lesson Study in Implementing the Common Core Standards for Mathematical Practices.
2. Richard Rodman. (2013-2015). Connected knowledge in science, technology, engineering, and mathematics (STEM) education.

Thesis Advisor Committee Chair

1. Grace Kim. (2016-2017). Effects of game-based learning tools on children's algebraic thinking
2. in their early math education
3. Christy Horning. (2015-2016). Using Kinesthetic learning to support student mathematics learning and enhance positive disposition toward mathematics
4. Pam Amici. (2013 - Summer 2014). Factors Contributing to Student Success in Calculus Learning.
5. Trina White. (2013-2014). The Art of Teaching Black Kids Math - Effective Practices for Teaching African American Students Mathematics.
6. Mahmut Gundogdu. (2012). Using Manipulatives to help special Ed students in learning mathematics.
7. Sandra Machit. (2005). Mathematics Camp: A Non-Traditional Fieldwork Experience for the Pre-Service Teachers.
8. Kayoko Kawasaki. (2004). Integrating Japanese Lessons into Mathematics Curriculum: Effects on Students' Mathematics Assessment.
9. Kathleen Brown. (2003). The Effect of Targeted, Small Group, Intervention Instruction of Middle School Mathematics on Student Achievement.

Thesis Advisor Committee Member

1. Cassidy Newman (2021- Present). Qualitative Research on the Professional Development K-12 educators Received to Teach Effectively with Alternative Modes of Instruction.
2. Megan Sandvig (2021- Present). Investigating the Intersection of Early Childhood Deaf Education
3. Hailey Batchelor (2020-2021). Examine Early Childhood Teachers' Gender-Related Classroom Practice: A Quantitative Inquiry.
4. Alice Bubentsova (2019-2021). Academic Language: Preschool Teachers' Beliefs and Practices in the classroom.
5. Lana Tran (2019-2021). The Role of Technology in Facilitating Young Children's Literacy Development: A Qualitative Study with Preschool and Kindergarten Teachers.
6. Gaby Acosta (2017 – 2018). Parent, Teacher and Administrator Perspectives of an Early Childhood Program Servicing Homeless Children: A Case Study.

7. Arwa Alraheli (2017-2018). Negotiating Religious Diversity: A Qualitative Inquiry of the Perspective and Experiences of Muslim Parents in Southern California.
8. Daniela Arbizzi (2015-2016). Implementation of the “Reggio Emilia Approach”: A Multi-site Action Research Case Study of Transitional Kindergarten (TK) Programs in Southern California.
9. Yvette Lykes. (2012-2014). Preschool teachers’ beliefs, training, classroom experiences, and Curriculum Practices of Racial/Ethnic Diversity: A Quantitative Study.
10. Brissa Avila. (2012 -2014). Parental Involvement in Early Head Start Agency: Quantitative Study.
11. Reiko Sakuma (2011 – 2012). Pre-K and K Teachers Communicate and Collaboration.
12. Mary Quick. (2011-2012). Reliability and validity of the algebra progress monitoring measures with high School Students.
13. Tricia Holmquist. (2009-2010). Math Curriculum Mapping.
14. Vanessa Velasco. (2008-2009). Touch Math in Intervention.
15. Donsak Tsailexthim. (2005-2006). A Cross-National Comparative Study of Teaching Philosophies and Classroom Practices: The 1st-Grade Classrooms in Thailand and the United States.

External Reviewer/Committee Member for Doctoral Dissertation:

1. Foo Kien Kheng (2017). Modeling the relationship between statistical achievement and cognitive determinants among diploma students. University of Malaysia.
2. Haliza Binti Abd Hamid. (2016). Problems on functions and their derivatives among pre-university students. University of Malaysia.
3. Saras a/p Krishnan. (2014). Assessing Students’ Statistical Literacy of Inferential Statistics Using Rasch Analysis. University of Malaysia.
4. Lin Ding. (2013). Changes in Pedagogical Content Knowledge of Secondary Mathematics Student Teachers in Hangzhou during Their Pre-service Teacher Education. University of Hong Kong.
5. Chew Cheng Meng. (2007). Form One Students’ Learning of Solid Geometry. University of Malaysia.
6. B. D. Paola. (2009). Argumentation and proving in multicultural classes: A linguistic-cultural approaches with Chinese students. University of Palermo, Italy.

D. Service

Faculty Committees

a. University Committees

Fall 2001 - Present	East Asia Committee. Co-Chair of East Asia Committee 2003-2005. Plan and engage in activities related to East Asia culture and collaboration.
Fall 2009- 2017	University Graduate Degree Programs Committee
Fall 2008 – Spring 2012	General Education Governing Committee. Review and evaluate curricula for general education programs.
Fall 2009 - Spring 2011	International Education Committee (IEC).
Fall 2006 - Spring 2008	WPE Development Committee. Review and analyze the results of WEP; provide suggestions on improvement; design samples of WEP prompts for the Test Bank.
Fall 2002 - Spring 2005	General Education Governing Committee. Review and evaluate curricula for general education programs.

b. College Committees

Fall 2012 – Present	Research Advisory Group
2019 – 2020	Professional Review Committee
2016-2017	Professional Review Committee
Spring 2012 – Spring 2014	College Curriculum Committee
Fall 2009 - Present	Graduate Degree Programs Committee
Fall 2004 - Spring 2009	Technology Committee. Plan and implement technology in instruction.
Fall 2006 - Spring 2009	Strategic Planning Committee.
Fall 2004 - Fall 2006	College Curriculum Committee. Evaluate proposals for new/change in curricula and programs.

c. Department Committees

Fall 2013 – Spring 2021	RTP Committee
Fall 2015 – Spring 2016	Math Ed Faculty Search Committee, Chair
Fall 2015 – Present	Field Experience
Fall 2014 – Spring 2017	Coordinator for Math Methods Course
Fall 2010 – Spring 2013	Grade Appeals Committee. Chair of the Committee, Fall 2010-Spring 2013
Fall 2009 - Present	Coordinator for EDME Program
Fall 2009 - Present	Graduate Degree Programs Committee
Fall 2008 - Present	Field Experiences Committee
Fall 2004 - Present	Technology Committee. Chair of the Committee for 2005- 2007. Plan and implement technology in instruction.
Fall 2008 – Spring 2010	Evaluation of Lectures Committee. Evaluation of lectures.
Fall 2004 – Spring 2007	Evaluation of Lectures Committee. Chair of the Committee for 2006 - 2007.
Fall 2004 - Fall 2006	Strategies Planning Committee. Plan and design activities for the department retreat in spring and fall.

Service to Students

Faculty Mentor for Undergraduate Research Opportunity Program: 2020-2021
Faculty Mentor for CED Scholar Program: 2020-2021
Faculty Mentor for CED Scholar Program: 2019-2020
Faculty Mentor for CED Scholar Program: 2017-2018
Faculty Mentor for Partner for Success for the First Generation College Students: 2008-2017
Faculty Mentor for 9 students 2008-2009
Faculty Mentor for 12 students 2009-2010
Faculty Mentor for 10 students 2010-2011
Faculty Mentor for 11 students 2011-2012
Faculty Mentor for 8 students 2012-2013
Faculty Mentor for 5 students 2013-2014
Faculty Mentor for 9 students 2016-2017

Community Service

- a. Math at the Beach. Led graduate cohorts and pre-service teachers to organize and present at CCSSM workshops for local school teachers and CSILB Pre-service teachers each spring from 2012 to 2021. The following classes participated in the Math at the Beach:
 - EDME 503 in spring 2012
 - EDME 504 in spring 2013
 - EDME 695 in spring 2014
 - EDME 503 in spring 2015
 - EDME 695 in spring 2016
 - EDME 695 in spring 2017

EDEL 462 in spring 2018

EDEL 462 in spring 2019

EDEL 462 in spring 2021

- b. AMTE Annual Conference Local Arrangements Committee 2007.
- c. Invited and Organized a Talk on Geometry Thinking for Pre-Service Teachers by Dr. Robert Stein, Fall 2016.
- d. Invited and Organized a Talk *Figurate Numbers: A Long Range Look at the K-12 Curriculum* for Pre-Service Teachers by Dr. Robert Stein, Fall 2011.
- e. Junior University
Involved seven undergraduates/graduates from Partner for Success Program from five departments in Junior University activities for about 130 local school children in fall 2008. Directed students in developing geometry hands-on activities and teaching children geometry in a fun and creative way.
- f. Kaleidoscope Academic Day
Provided Name Design activities for about 140 local children to experience “doing math” from a manipulative activity that integrated geometry and art areas in spring 2008.
- g. Sister School
Helped Carver Elementary School in LBUSD build a sister school relationship with Wulaocun Elementary School in Nanjing, China from 2006.
- h. Service Learning for Local School Children
The first faculty member in area of mathematics involving students in the Better Learning After School Today (BLAST) program for improving local school children’s mathematics learning. Each semester, my students have contributed approximately 500 hours to local children. The following class participated in the BLAST from 2005 to 2009:
 - EDEL 462 in fall 2005
 - MTED 211 in spring 2008
 - MTED 105 in fall 2008
 - MTED 211 in spring 2009

From 2012, I added service-learning component in the following classes. They provided service learning in classrooms in local schools, and they also organized the Math at the Beach for local school teachers and CSULB pre-service teachers.

- EDME 504 and 695 in spring 2013
 - EDME503 in spring 2014
 - EDME 503 in spring 2015
 - EDME 520 in spring 2016
 - EDME 695 in spring 2017
 - EDEL 462 in spring 2018
 - EDEL 462 in spring 2019
- i. Engaged EDEL 462 students in providing intervention program for Prisk Elementary School in spring 2019.
 - j. Provide a workshop on the MSA approach for Songling Elementary School in Dalian, China in fall 2019.
 - k. Provided a workshop on using the MSA approach in math instruction at Nelson Middle School for their math teachers in fall 2019.

1. Served as the evaluator for the Mandarin Recitation Competition for Frontiers Academy Mandarin Recitation Competition in 2018 and 2019.
- m. Served as a Peer Mentor Program for the Active Learning Classroom (ALC) in spring 2020.

Service to Profession

1. Served as the Chair of Topic Study Group 36 on Research on Classroom Practice at Primary Level for the International Congress on Mathematical Education for ICME-14, 2021.
2. Elected as a member of leadership team of Topic Study Group 8 on teaching and learning of arithmetic and number systems for the International Congress on Mathematical Education for ICME-13, 2016.
3. Initialed and Lead for Classroom Teaching Research for All Students (CTAS) among 30 universities in five countries in 2008-2021:
 - a. Organizing the Annual virtual conference for Classroom Teaching Research for All Students (CTRAS). Summer 2021.
 - b. Organized the Annual conference for Classroom Teaching Research for All Students (CTRAS) in Beijing. Summer 2019.
 - c. Organized the Annual conference for Classroom Teaching Research for All Students (CTRAS) in Guiyang. Summer 2018.
 - d. Organized the Annual conference for Classroom Teaching Research for All Students (CTRAS) in Dalian. Summer 2017.
 - e. Organized the Annual conference for Classroom Teaching Research for All Students (CTRAS) in Germany. Summer 2016.
 - f. Led and organized the Annual conference for Classroom Teaching Research for All Students (CTRAS) in Long Beach. Summer 2015.
 - g. Organized the 6th Annual conference for Classroom Teaching Research for All Students (CTRAS) in Ganshu. Summer 2014.
 - h. Organized the 5th Annual conference for Classroom Teaching Research for All Students (CTRAS) in Fuzhou. Summer 2013.
 - i. Organized the 4th Annual conference for Classroom Teaching Research for All Students (CTRAS) in Guilin. Summer 2012.
 - j. Organized the 3rd Annual conference for Classroom Teaching Research for All Students (CTRAS) in Changshu. Summer 2011.
 - k. Organized the 2nd Annual conference for Classroom Teaching Research for All Students (CTRAS) in Hangzhou. Summer 2010.
 - l. Organized the first Annual conference for Classroom Teaching Research for All Students (CTRAS) in Beijing. Summer 2009.
4. Treasurer for AERA Special Interest Group: Research in Mathematics Education. 2012-2014.
5. Member of Board Directors for AERA Special Interest Group: Research in Mathematics Education. 2012-2014.
6. Founding Treasurer for California Association of Mathematics Teacher Educators in 2004-2007
7. Member of Board Directors for California Association of Mathematics Teacher Educators in 2004-2007.
8. Chair for Math Specialist Program Committee for CAMTE, 2011- 2014.
9. Served as a co-chair of Topic Study Group 25 on in-services education, professional development of mathematics teachers for the International Congress on Mathematical Education for ICME-12, 2012.
10. Math Team Lead for Intel-Assess & CSULB project. 2006-2008.

11. Chair for the *Third East Asia Regional Conference on Mathematics Education* (EARCOME 3) in Nanjing Session in Shanghai, Nanjing, and Hangzhou, China August 7 - 12, 2005.
12. Organized a CSULB delegation to visit the linkage Universities in China in summer 2003.
13. Initiated and built an official collaboration linkage between California State University, Long Beach, Beijing Normal University, and Nanjing Normal University in 2001-2002.
14. Member of Technology Task Force in Bryan Independent School District. 2000.
15. Created Statistics Curriculum for Bryan Independent School District. 1999-2000.
16. Member of Curriculum Revision Task Force in Laredo Independent School District.
17. Participated in writing curriculum for Algebra I & II, Geometry, Pre-Calculus, and AP Calculus courses for School District. 1997-1998.

Current Professional and Academic Association Memberships

1. National Council of Teachers of Mathematics, U.S.A.
2. American Educational Research Association, U.S.A.
3. School Science and Mathematics Association, U.S.A.
4. Association of Mathematics Teacher Educators, U.S.A.
5. History and Pedagogy of Mathematics (HPM)
6. TODOS: Mathematics for All
7. California Association of Mathematics Teacher Educators
8. California Mathematics Council