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EDUCATION & CERTIFICATIONS:

2007: National Board for Professional Teaching Standards Certification Renewal
2003: T³ (Teachers Teaching with Technology) Certified Regional Instructor
1999: College Board Trained Pre-AP and AP Consultant
1998: NBPTS Certification in Adolescence and Young Adulthood Mathematics
7/90: M.A., Mathematics Education, The University of New Mexico
1/89: New Mexico Teaching Certificate, Secondary Education/Mathematics
12/87: B.A., Chemistry/Biology, The University of New Mexico

EDUCATOR EXPERIENCE:

5/15 - Current: Math Specialist for Albuquerque Public Schools.

Provide math PD specific to CCSSM for K - 12 teachers, facilitate PLC's for schools, support and advocate for math teachers in technology, curriculum and assessments. Facilitated professional learning on the CCSSM for over 1700 math educators in 2015-16 school year and over 600 educators thus far in 2016-17 school year.

5/16 – Present: Cooperative Educational Services Math Consultant and Lead Facilitator

10/15 - Present: EdReports Math Content Review Team Lead for reviews of high school instructional materials. Facilitated a session on all 8 SMP's of the CCSSM for training all new reviewers in July, 2016.

10/11 - 5/15: Math Coach, Highland High School, Albuquerque, NM.

Coach all regular & special ed math teachers in content, pedagogy, best practices, research, data dialogs, lesson study, MDC initiatives, and PLC collaboration. PLC collaboration focused on modifying curriculum to CCSSM during entire time at this school. Also continued to mentor math teachers in grades 2 - 12 with dossier and national board certification. Co-taught AP Calculus and Algebra 1. Mentored many I-license teachers and Level 1 teachers. Mentored Level 2 teachers in advancement.

8/09 – 10/11: Math Coach, Albuquerque Public Schools, Albuquerque, NM.

Coach teachers working with the Johns Hopkins developed program TAM (Transitions to Advanced Math), supporting all algebra one teachers, working with Schools In Need of Improvement coaching all math teachers. Continue to mentor math teachers' grades 2 - 12 with dossier and NBPTS certification.

8/97 – 8/09: Mathematics Teacher, Sandia High School, Albuquerque, NM.

Taught Honors and Regular Algebra 1, Precalculus, AP Calculus AB. Participated in NMSU MathStar Lesson Study team. Participated in College Board Pacesetter Pilot Program for Algebra 1. Mentored as a cooperating teacher for 11 student teachers. School representative for district high school math leader. Department representative for textbook adoption committee for 2 textbook adoption cycles. Served on state textbook adoption committee, and PED AP advisory committee. Mentored several candidates for national board certification. Worked with the PED in the development of assessments for highly qualified mathematics teachers and also in the assessment and item review for the NMSBA for grades 6 – 9. Reader for AP Calculus exam. Reader for EOC Texas Algebra 1 and Precalculus Exams.

1/89 – 8/97: Mathematics Teacher, Rio Grande High School, Albuquerque, NM.

Taught Algebra 1, Algebra 2, Trigonometry, Math Analysis, Analytic Geometry, Honors Algebra 2, AP Calculus AB. Reorganized the AP Calculus AB program so that the passing rate of the national AP exam by the students increased from 11% in 1989 to 75% in 1996, while seeing a 3-fold increase in enrollment. Worked as cooperating teacher for several pre-service and student teachers.

5/89 – 7/90: Graduate Intern for Albuquerque Public Schools through the University of New Mexico.

RELATED PROFESSIONAL EXPERIENCE:

- 2013 - Present: Member of the Math Operational Working Group (MOWG) for PARCC, working to advance policies, public documents and the work of items for the PARCC assessments for grades 3 – 11. Participate in Item Reviews, Test Construction, Field Test Item Selection, Range Finding, Range Finder Review, Data Review, Public Released Item Selection, Testing Administration Manual Review, Computer Based and Pencil Based Administration Review for Parallel Tests, Evidence Table Clarifications. All of this is done assuring the assessment aligns to the appropriate CCSSM.
- 2015 - Present: MOWG representative on the PRB (Product Review Board) for PARCC
- 2016 – Present: Core Advocate through Achieve the Core for the state of NM, advocating the CCSSM
- 2016 – Present: CCSSM trainer for CES (Cooperative Educational Services), facilitating over 10 professional learning sessions with math teachers, grades 3 – 12 all over the state of NM. This professional learning is being followed up with up to 10 days of on-site coaching for each professional learning session.
- 2012 - Present: Member of the NM PED Educator Leader Cadre, advancing the work of the CCSSM in our state
- 2010 - 2011: Member of NCTM Local Arrangements Committee for the NCTM Regional Conference in Albuquerque, November 2011
- 2008 – 2010: Central State Representative for the New Mexico Council of Teachers of Mathematics
- 2007: College Board Regional Forum Local Arrangements Committee Member
- 2005 – 2009: Participant in a nationwide research study through Ohio State University in using the TI Navigator, a wireless communication system, in Algebra 1 classes
- 2003 – present: Consultant/Trainer/Writer for (1) Advanced Placement Strategies, Inc.; (2) College Board; (3) Texas Instruments, (4) SREB and (5) Cooperative Educational Services
- 2004: Wrote and received a Harvard Calculus Consortium Grant for \$10,000 to organize and send math teachers from around our state to an international T³ conference in New Orleans
- 1999 – 2003: Treasurer of the Albuquerque Area Council of Teachers of Mathematics
- 1991 – 1993: President of the Albuquerque Area Council of Teachers of Mathematics
- 1991 - Present: Have presented many workshops for the local, state, regional and national chapters of the National Council of Teachers of Mathematics, as well as for many different schools and districts throughout the state. Workshops have varied from early elementary through high school. Workshops have included Algebra Tiles, Graphing Calculators and Technology, Pre-AP Strategies, Building Success in Mathematics, Vertical Teams, and many other specific lesson plan/strategy sessions.
- Have written and received over 40 Join-A-School and Dream Fund Grants
- Have participated in writing of district standards and benchmarks for mathematics as well as the district curriculum, including most recently the Units of Study for several math courses in APS
- 1990: Third Place Award, NMSU College of Engineering & Education Engineering Seminar
- 1996: Tandy Technology Scholar
- 1999 – 2007: Volunteer at John Baker Elementary School in grades 2 - 5, teaching a math enrichment program for 3 – 5 hours per week
- 2000 - 2007: Volunteer at Hoover Middle School in grades 6 - 8, teaching math 3 - 5 hours per week
- 1999 – 2008: Each year was selected by students, as an educator who made a difference in their lives, to the Academic Awards Ceremony for students obtaining an Academic Letter at Sandia High School

CONFERENCE PRESENTATIONS:

- March 2017: T³ International Conference, Chicago, IL: Using Technology to Mimic On-Line Assessments
- July 2016: AP Annual Conference, Anaheim, CA: Pre-AP Effective Thinking Strategies for All Students
- April 2016: NCTM Annual Conference, San Francisco, CA: Teaching Trig in Light of CCSSM
- March 2016: T³ International Conference, Orlando, FL: Implementing Technology in APS
- July 2015: College Board Two-Day Conference, Pepperdine University, CA: Pre-AP Strategies for Vertical Teams
- January 2015: Gear Up Math Vertical Team Articulation, Washington State: Worked with Math Teachers statewide throughout the year in implementing strategies to increase college & career readiness & the CCSSM
- Summer 2014: Albuquerque Public Schools: Trained over 200 Elementary, Middle School & High School Teachers on Common Formative and Performance Based Assessments in relation to the CCSSM
- Summer 2014: Presented Several 3 Day Sessions Around the Nation: Vertical Teaming in Mathematics
- July 2014 & July 2015: SREB: Using Technology & FAL's to Reform Mathematics Education
- April 2014 & 2016: NCTM: How Technology Reformed Mathematics at a School in Need

- October 2013: CGCS National Meeting: How Technology Reformed Mathematics at a School in Need
- June 2013: College Board APSI at UT Austin & UT Brownsville
- June 2013, 2010, 2009: APSI 5-day at UNM: High School Pre-AP Mathematics
- Summer 2012 & 2013: Taught 3 one-week Vertical Team Strategies Institutes each year for the State of New York as part of their Race to the Top Project
- March 2013, 2012, 2011, 2010, 2009, 2008, 2007: International T³ Conferences: Discovering the Unit Circle, Using Programs to Obtain Mastery of Algebra, and Other Technology Based Training
- October 2008: NMCTM Annual Meeting: Digital Scavenger Hunts in Mathematics
- August 2010; August 2009; January 2008: APS District Inservice: CBL2/CBR Strategies in Algebra through Precalculus; Using Technology Effectively in the Block Schedule
- November 2014; November 2009; November 2007: College Board 2 day San Antonio, TX: Unit Circle Discovery, Adapting AP Questions for Algebra, Adapting AP Questions for Geometry, Using Programs to Obtain Mastery of Algebra with the Graphing Calculator; Pre-AP Strategies;
- June 2007 & 2008: APSI 5-day at UNM: Middle School Pre-AP Mathematics
- April 2006 & 2007: John Baker Elementary Math Carnival, APS: Organized entire evening of presentations for community night
- February 2007: College Board 2 day Richardson, TX: Adapting AP Questions in Algebra, Graphing Calculator Foundations, Adapting AP Questions in Middle School
- January 2007: College Board 2 day Norman, OK: Same as Above
- June 2004, 2005, 2006: APSI 5-day at UNM: Elementary Teachers Pre-AP Math

INTERNATIONAL EXPERIENCE:

- January 2017: Grade 7 Initiative to Learn CCSSM for new STEM Program, Dubai, UAE: Facilitated 3 day Professional Learning for 28 Grade 7 Math Teachers
- August 2015: College Board Summer Institute, Guam: Facilitated 5 Day Math Teacher Vertical Teaming for 30 Grades 3 – 12 Math Teachers

REFERENCES:

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