

Travis L. Lemon

Formal Education & Certifications: **Brigham Young University**, Provo, UT
MA: Mathematics Education. GPA: 3.96
December 2010

Brigham Young University, Provo, UT
BA: Mathematics Education. GPA: 3.7
April 2000

National Board Certified Teacher Nov. 19, 2004
Mathematics/Early Adolescent
This process has caused me to become a more reflective teacher. I have a heightened awareness of what quality teaching is and how to provide it for students.

Teaching Experience: **Mathematics Teacher** June 2000-Present
Alpine School District, American Fork Junior High
While in this position I have implemented a standards based curriculum. I worked with administration to create and maintain the first math department computer lab. I am a member of a collaborative team working to provide intervention classes and the first ever math department website with webcasts and other supports.

Adjunct Instructor Utah Valley University Jan. 2012-Present
Teaching EDEL 5520 (Teaching K-8 Algebraic Reasoning for Practitioners). This course is designed for K-8 teachers to provide them with a deeper understanding of algebraic expressions, equations, functions, real numbers, and instructional strategies to facilitate the instruction of this content for elementary students.

Adjunct Instructor University of San Diego Jan. 2014-Present
Teaching various courses for practicing teachers related to the Standards for Mathematical Practices (CCSS) and the Effective Teaching Practices (NCTM, 2014).

Professional Development Design & Facilitation: **U.S.-Japan Summit on Mathematics Education** Fall 2014-Spring 2015
Collaborated with Dr. Doug Corey from Brigham Young University on lesson study. Created lessons and traveled to Japan to work with Hiro Ninomiya and colleagues, observe classrooms and participated in lesson study. Japanese colleagues visit my classroom following spring for lesson study.

Utah State Office of Education Professional Development Design Committee
Aug. 2010- 2013
Created the facilitator training for Making Sense of Sense Making, a professional development opportunity emphasizing the five practices of orchestrating discourses, lesson study and maintaining high levels of cognitive demand for students.
Develop and teach professional development for teachers that will implement the Common Core State Standards for Mathematics (CCSSM).
Facilitated Focus on Functions course.

Content Area Leader BYU Cites Literacy Institute with Jeff Whilhelm
June 2005-2011

Publications:	Mathematics Vision Project	2012-present
	<i>Author and Consultant</i>	
	Secondary Mathematics One: An Integrated Approach	2016
	Secondary Mathematics Two: An Integrated Approach	2017
	Secondary Mathematics Three: An Integrated Approach	2014
	Corey, D. L., Lemon, T., Gilbert, E., & Ninomiya, H. "Japanese Professional Development." <i>Mathematics Teaching in the Middle School</i> 21.9 (2016): 544-551.	
	Lemon, Travis L. <i>Thinking on the Brink: Facilitating Student Teachers' Learning Through In-the-Moment Interjections</i> . Thesis. Brigham Young University, 2010.	
Presentations Given:	NCTM- annual conference San Antonio, TX	2017
	I Spy With My Little Eye Effective Teaching Practices...	
	NCSM- annual conference Oakland, CA	2016
	Open Educational Resources (OER) that Promote High Levels of Engagement and Student Thinking	
	MSRI- Mathematical Sciences Research Institute, Berkley, CA	2016
	Lessons Learned from Lesson Study, http://www.msri.org/workshops/793/schedules	
	CMC- North Asilomar, CA	2015
	Dilation, Similarity, Trigonometry: Coherent, High Level DOK	
	UCTM conference Lehi, UT (Lehi High)	2015
	Collaborating...Japanese Style!	
	NCSM- annual conference Boston, MA	2015
	Connecting Progression and Practices with High Quality Tasks	
	CMC- North Asilomar, CA	2013
	Teaching Transformational Geometry with Quality Tasks	
	NCTM Regional Meeting, Las Vegas	2013
	Be More Than a One Hit Wonder	
	ASCD webinar	2013
	Implementing the Math Core: Stories from Utah Classrooms	
	AMTE annual conference Irvine, CA	2011
	Thinking on the Brink: Facilitating Student Teachers' Learning Through In-the-Moment Interjections	
	UCTM conference Bountiful, UT (Bountiful High)	2010
	Take it Up a Notch: Through PAEMST and NBPTS	
	UCTM conference Salt Lake City, UT (Cottonwood High)	2008
	Creating an Effective Learning Environment	
	CMEE conference Salt Lake City, UT (Cottonwood High)	2007
	Creating an Effective Environment in you classroom.	
	CMEE conference Salt Lake City, UT (Cottonwood High)	2006
	Pythagoras Unplugged	
	NCTM Annual Conference in Anaheim, CA	2005
	"Lenses for Looking at Students' & Teachers' Practice for Creating Meaning"	

**Professional
Service &
Leadership:**

UCTM Board Member 2005-2015
President November 2012 to 2014
NCTM representative 2005 to 2011 on the affiliate board for the state of Utah.
Attend NCTM annual meetings to represent the Utah affiliate.

Accreditation Team Chairman 2006-2014
Led accreditation team and faculty through a successful accreditation visit and provide leadership in planning for the upcoming school year.

Program Committee NCTM Regional, Las Vegas 2013
Secondary level reviewer and session host. Worked to recruit and support quality presenters and presentation.

Local Arrangements Committee NCTM Annual Salt Lake 2008
Co-Chair of meeting rooms committee for the local arrangements committee of the NCTM annual conference.

NCTM Journal Reviewer for the MTMS journal 2006 to Present
Read and review articles submitted for publication. My reviews help the editorial panel members select papers for publication and provide feedback to authors.

**Awards,
Grants,
Professional
Organizations:**

MfA- Math for America, Master Teacher 2014 to Present
Organize and carry out lesson study with school team and other colleagues.
Present to teacher cohorts. Engage with national groups and professional work.

100% for Kids Grant Award Dec. 2009
\$1,695 to purchase document cameras that provide greater focus on student work.

Presidential Award in Mathematics and Science Teaching April 2007
Award recipient for the state of Utah, Honored by NSF in Washington D. C. with \$10,000 stipend and Presidential Citation.

Advancement Award Scholarship Nov. 2006
Scholarship to cover cost of graduate courses in Mathematics Education. \$20,000

100% for Kids Grant Award Oct. 2006
100% for Kids grant awarded to provide for technology in my classroom
Specifically to allow for the exploration of comprehensive review for students by watching themselves learn the concept the first time. \$3,500

Innovations in Excellence Grant Recipient Spring 2002
I was selected by the Alpine School District Foundation to receive funds to purchase a new computer and LCD projector for my classroom. \$1,500

Governor's Excellence Award Feb. 7, 2002
The Public Education Job Enhancement Committee on behalf of the state of Utah selected me as a recipient of the Excellence Award sighting outstanding professional accomplishments and very high recommendations. \$10,000

Utah Council of Teachers of Mathematics 1999-Present
National Council of Teachers of Mathematics 1998- Present