

MBAMP Winter 2015 Conference
Common Core Strategies:
Connecting Mathematics and the Arts

Presenters' Bios:

Linda Akiyama has developed inventive, integrated arts and academic curriculum throughout her 25 years as a classroom and dance teacher at New Traditions, a creative arts elementary school in San Francisco, California.

She has also taught, coached, and mentored teachers and has designed inquiry science units through Science Health and Education Partnership programs at UCSF.

As an Educational Outreach Specialist for Crosspulse and the International Body Music Festival, she has co-taught professional development workshops in Rhythm of Math for school districts, university teacher training programs, the HSC Homeschooling Conference, the Bay Area Math Project, and the general public. <http://crosspulse.com/rhythm-of-math.html>

Julie Edgahl is a 5th grade teacher at Westlake Elementary School. She has been a Teacher Leader for the Central California Writing Project for eight years and as such has presented all over Santa Cruz, San Benito and Monterey Counties. Julie has been a past participant in MBAMP summer institute for 2013 and 2104. She has also been a master teacher for the UCSC multiple subjects masters credential program. On MAY 10, 2014, Julie co-hosted *Number Talks and the Common Core, Learning Together: A Professional Development Day for Master Teachers and Student Teachers* (a collaboration of Westlake Elementary School, UCSC Education Department and MBAMP).

Judith Montgomery Since 1999 Judith Montgomery has been director of the Monterey Bay Area Mathematics Project (MBAMP), delivering professional development to mathematics teachers, in Santa Cruz, Monterey, San Mateo and San Benito Counties. As the director, Judith Montgomery plans, implements and manages all of MBAMP's work as a California Subject Matter Project (CSMP). All professional development delivered by Judith Montgomery, is designed to deepen teacher's mathematical knowledge in-order to increase student learning.

Louanne Myers has been teaching for over 30 years in grades K-6. As well as being a teacher leader for MBAMP since 2011 and serving on the MBAMP Common Core Leadership and Summer Institute planning team, and she teachers in San Lorenzo Valley. Louanne has presented PD sessions for Mathematics at the CMC Asilomar Math Conference, and school districts through out the Monterey Bay area. One of her specialties is mathematical reasoning and Number Talks (a short daily routine that provides students with conversational tools, and practice with relationships within numbers). Louanne also served on the 2014 California State Math Materials Adoption Panel.

Janet Pence has taught math at Aptos High School for 10 years. She created and has taught the Mathematics of Design class for 5 years. This class is a math elective that explores math through nature, art, architecture, and literature. Through this class she is able to share two of her lifelong interests in math and art. Janet has participated in MBAMP events since 2010 and is a member of the UCSC Math Teachers' Circle.

Karl Schaffer co-directs the Dr. Schaffer and Mr. Stern Dance Ensemble which has toured internationally for over 25 years, most recently at the National Science Museum in Seoul, Korea, and in Houston during 2014. Schaffer and co-director Erik Stern have received five National Endowment for the Arts awards for their cross-disciplinary performance work linking dance and mathematics and are on the Kennedy Center's Teaching Artist roster. Schaffer's most recent concerts include *Mosaic* which deals with issues of peace, justice, culture and conflict in Palestine, Israel and the Middle East and *The Daughters of Hypatia* which celebrates the lives and work of important women mathematicians throughout history. His math and dance writing was featured in *Best Writing on Mathematics 2012*, he has a PhD in mathematics, and teaches mathematics at De Anza College and dance as an independent artist. He is a Performing Artist in Residence at the Santa Cruz Museum of Art and History for the year 2014-15. <https://www.youtube.com/watch?v=Ws2y-cGoWqQ>

Keith Terry is a percussionist, rhythm dancer and educator whose artistic vision has straddled the line between music and dance for more than four decades. Touring in the Americas, Asia, and Europe, he presents highly acclaimed Body Music performances, workshops, residencies and choreographic commissions. <http://crosspulse.com/rhythm-of-math.html>

Keith is the Executive Artistic Director of Crosspulse, a non-profit organization dedicated to the creation and performance of rhythm-based intercultural music and dance. He is founder and director of the International Body Music Festival (IBMF), an annual festival that explores the language of Body Music from cultures around the world.

From 1998 to 2005 Keith was on the faculty at UCLA's Department of World Arts and Cultures, and in 2008 he was awarded a Guggenheim Fellowship. His CDs and DVDs (performance and instructional) are published by Crosspulse Media.