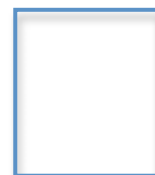


Discuss important issues in math education and meet colleagues from other schools and universities!

Maps will be emailed to participants after registration.
Parking permits will be provided at the conference.
Carpooling is encouraged.

Mathematics Testing and Placement
University of California, San Diego
9500 Gilman Dr. 0423
La Jolla, CA 92093-0423



From Interstate 5

EXIT La Jolla Village Drive and go west. Turn right on Villa La Jolla Drive (first light). Cross over Gilman Drive into the Gilman Parking Structure.

Pepper Canyon Hall Courtyard is immediately north of the Gilman Parking Structure.

The California State University/University of California

MDTP

Mathematics Diagnostic Testing Project

This conference is generously supported with funding from the UCSD Mathematics Department and the CSU/UC Mathematics Diagnostic Testing Project (MDTP).

UCSD Mathematics: <http://math.ucsd.edu>
MDTP: <http://mdtp.ucsd.edu>
MDTP San Diego: <http://mdtpsandiego.ucsd.edu>

Please share with all your Math teachers.

University of California, San Diego

Thursday, March 29, 2012
3:30 PM — 7:00 PM

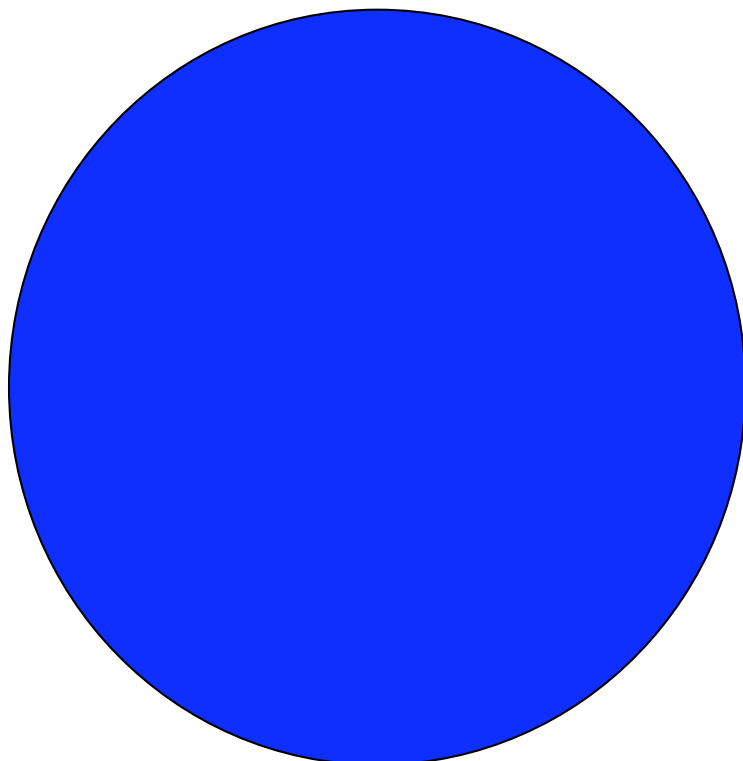
Contact:

Monnie Barker
(858) 534-3373
mgbarker@ucsd.edu

The California State University/University of California

MDTP

Mathematics Diagnostic Testing Project



What's Different About The Common Core?

No Registration Fee!

Conference Objectives

The conference will consist of two complementary plenary sessions that will be attended by all participants.

The California State Board of Education adopted its revised version of the Common Core State Mathematics Standards in August 2010. In what ways are the new standards different from the current (1997) mathematics content standards? Will the content of mathematics courses be different than they are currently? What is the emphasis of the common core standards? What do the common core standards have to say about teaching, if anything? What should teachers be doing now to prepare for the new standards? Professor Wu will address these questions and many others. Professor Wu is a Professor Emeritus of Mathematics at the University of California, Berkeley. He has served on the National Mathematics Advisory Panel and has written extensively on mathematics curriculum, textbooks, and teacher preparation. Since 2000, he has conducted professional development institutes for elementary and middle schoolteachers. He has worked extensively with the California State Board of Education in mathematics education and was a member of the Mathematics Steering Committee that contributed to revising the National Assessment of Educational Progress framework.

The California Common Core Mathematics Standards uses a transformation perspective to present geometry. Geometry students will be expected to experiment, explain, prove, visualize, understand, derive, and translate between different representations. Students will demonstrate geometric habits of mind and be proficient in the Standards of Mathematical Practice. This expanded view of student proficiencies will require that teachers have greater flexibility and deeper content knowledge. Teachers will need to employ a greater variety of teaching strategies and weave deep mathematical content and mathematical habits of mind into a well-orchestrated whole. Professor Sarli will discuss what is different about teaching transformational geometry as envisioned by the Common Core Standards from the current approach and what both middle school and high school teachers need to do now to prepare for this new emphasis. Professor Sarli is a Professor of Mathematics at CSU San Bernardino. He has developed and taught MATH 329 (Transformation Geometry) and is developing a lower-level course (MATH 229) to introduce transformation geometry into the curriculum at a more elementary level. His primary research interest is geometry.

Conference Information

Parking, conference materials and handouts, snacks and refreshments are included. Dinner will *not* be provided this year so that we can again waive the registration fee. However, we will have substantial snacks and refreshments. Several dining possibilities are available on campus after the conference.

Reservations are limited to the first 100 who register. So please register early!

Program

1. "What's Different About the Common Core?", Professor Emeritus Hung-Hsi Wu (UC Berkeley)
2. "Teaching from a Transformational Geometry Perspective", Professor John Sarli (CSU San Bernardino)

The conference is jointly sponsored by the UCSD Mathematics Department and the CSU/UC Mathematics Diagnostic Testing Project (MDTP).

Registration. Print clearly. One person per form. Please make *additional* copies if needed.

Name _____ Phone (____) _____

Address _____

City _____ Zip _____

School Name _____

Address _____

City _____ Zip _____

E-mail Address (preferred) _____

Fax to (858) 534-1011,
Email to mdtpsandiego@ucsd.edu,
or Mail to:

University of California, San Diego
MDTP San Diego
9500 Gilman Dr. 0423
La Jolla, CA 92093-0423

Registration Deadline: March 26, 2012