



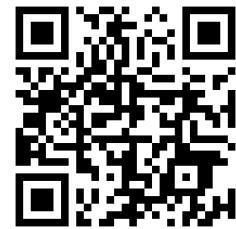
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CMC3–South: Fall Conference Program

Saturday, October 11, 2014



“Evolving the Mathematical Mind”

Saddleback College, 28000 Marguerite Pkwy, Mission Viejo, CA 92692

www.cmc3s.org

8:00 am – 9:00 am

Registration and Continental Breakfast

Coffee, Tea, and Water provided by Pearson Publishing

Welcome Remarks: Dr. Jeanne Smith, Saddleback College Math Department Chair

Location: LRC Main Study Area – LRC 212



Keynote Medley

Evolving the Mathematical Mind: A Harmonious Collaboration

Evolution is a process driven largely by the environment. How can we create an on-campus learning environment that enables both students and instructors to optimally evolve their mathematical minds? This keynote presentation will be a discussion on the creation and daily organization of the Learning Resource Center at Saddleback College. There will be a variety of presenters including administrators, professors, tutors, and students who will discuss the challenges faced on a day-to-day basis as well as their evolved strategies for success.

Location: LRC Main Study Area – LRC 212

12:30 pm to 1:30 pm

3./14/15/9:26:53 AM

Don't miss it!

**CMC³-South Spring "Super π " Conference
Anaheim, March 13 and 14th (Save the date!)**

Call for Speakers

<http://www.cmc3s.org/Speakers.shtml>

9:30 am to 10:30 am

Title	Making Sense of Analysis of Variance (ANOVA)	Flipping Without Flopping	WOW: An In-Service for Students	C⁴A is Coming! California Community College Common Assessment
Presenter	Monica Dabos College of the Canyons	Edouard Tchertchian LA Pierce College	Patrick Quigley Saddleback College	Jeanne Smith Lisa Silveira Saddleback College
Description	This presentation will describe how the understanding of the standard deviation influences the conceptual understanding of ANOVA. It will also include activities that will help students understand ANOVA from more than one perspective and break down different levels of understanding. Experience hands-on activities that you can bring back to the classroom or use for your own research.	This presentation will explain what “flipping a lesson” means and shows several methods of how it can be done using videos made by others or with self-made videos. Software shown will include screen-capture and video-recording software. Attendees will also be shown a collection of sites that can be used to find videos. Bring your laptop!	This talk will focus on the development of a Week of Workshops (WOW). These workshops are held prior to the start of a semester and focus on preparing students for ensuing coursework by examining mathematics concepts, study skills, and support services necessary for success in a variety of curricula.	This session is an open discussion regarding the forthcoming Common Assessment Exam that is currently being developed for all California Community Colleges.
Location	LRC 240	LRC 211	LRC 209	LRC 212

Break and Learning Resource Center Tour

LCR Main Study and Lobby Area – LRC 212

10:30 am to 11:00 am

11:00 am to 12:00 pm

Title	Teaching Statistics with GeoGebra	Perceptions and Experiences in Learning Math	Teaching With a Tablet PC	Course Redesign Pearson Publishing
Presenter	Tuyetdong Phan-Yamada Glendale College	Robin Witt, Evan Enright, Garrett Kenehan, Rob Kopp, and Doug Yegge Chaffey College	Deanna Valdez Saddleback College Sonia Avetisian Orange Coast College	Megan Donnelly Pearson Technology Specialist
Description	<p>This talk will demonstrate a statistics project in which students infer the percentage of left-handed people in the general population from a convenience sample of people carrying out a digital manipulation task using their right or left hand. Attendees will be given GeoGebra apps and guided through all hypothesis tests.</p> <p>Bring your laptop!</p>	In this workshop, a member of the Math Faculty Inquiry Team at Chaffey College will share the team's research and engage participants in a discussion on perceptions and experiences in learning math. The presenter will also recommend campus-wide strategies for overcoming the culture of negativity associated with mathematics and help increasing math literacy in our students.	<p>There are many advantages of teaching with a tablet PC. Professors Avetisian and Valdez will reveal the lecture outlines they provide their students before class, demonstrate how a typical class lecture is done using a tablet PC, and show how the captured lecture notes can then be posted to Blackboard, making them accessible to students.</p>	<p>This session will introduce different options available relating to course redesign and your specific campus needs. Topics include:</p> <ul style="list-style-type: none"> - How to use author lecture videos and worksheets to effectively flip your classroom. - A modular approach to accelerated math to help get your students through developmental topics more efficiently. - Adaptive learning and setting prerequisites allowing students to skip topics that they already mastered. - Interactive figures and "algebra review co-requisite courses" available to you now in precalculus and calculus. - Math Literacy which provides a new pathway for non-STEM developmental algebra students. - LearningCatalytics for a live classroom "real time" learning response system. - If you have any other course redesign questions or are seeking information on where to get started, please join this session to get answers and efficacy reports.
Location	LRC 240	LRC 209	LRC 211	TBD

12:00 pm to 1:30 pm

Catered Lunch Provided by Mercado Corona

Mexican Food Buffet

Vegetarian - Succotash

LRC Main Study and Lobby Area – LRC 212

12:30 pm to 1:30 pm



Keynote Medley

Evolving the Mathematical Mind: A Harmonious Collaboration

Location: LRC Main Study Area – LRC 212

1:30 pm to 2:30 pm

Title	Statistics with Microsoft Excel	Adjunct Faculty Forum	New Accelerated Math Courses at ECC	Rules of Engagement: Turn Your Math Class Into an Interactive Learning Community
Presenter	Raymond Badalian LA City College	Kia Shafe Saddleback College	Susan Taylor Art Martinez Trudy Meyer El Camino College	Fred Feldon Coastline Community College
Description	This presentation will show how Microsoft Excel can be used to demonstrate statistical concepts and theory to students in transfer level college statistics courses.	This session will be an open discussion led by Associate Professor Kia Shafe and will focus on the issues that adjunct faculty face when teaching at multiple colleges and from a variety of required texts.	In 2011-2012, El Camino College started two new accelerated developmental mathematics courses giving students the opportunity to complete all pre-transfer mathematics in two semesters. We will give an overview of these two courses: Basic Accelerated Mathematics (BAM) and General Education Algebra (GEA). We will also present data comparing the traditional pathway with the accelerated pathway.	Increase the amount, type, and intensity of involvement students make in their educational experience. A variety of pedagogies, strategies, and best practices will help students participate in and be successful in the learning process and promote higher-level thinking, collaboration, and a deeper understanding of mathematical concepts.
Location	LRC 240	LRC 212	LRC 209	LRC 211

*Special thanks to Saddleback College's Information Technology and Plant Facilities departments
for the setup and logistic of this Mini-Conference.*