Getting Ready for College Mathematics: Conversations with Math Professors

**Free** Interactive Sessions for Middle School and High School Math Teachers!

Sponsored by the San Diego Math Project

Upcoming Sessions this Spring!

Wednesday, April 20, 4–6 pm - _Register online here_

Topic: Expected Value and Decision Making

Speakers: Dr. John Elwin, SDSU Department of Mathematics and Statistics, and Esmeralda Orozco, Sweetwater Union High School District - Noyce Teacher

Description: A series of modules as resources for teachers in grades 6-12 that support the teaching of statistics and probability has been developed by the California Math Project (CMP) in partnership with the California Mathematics Council (CMC). We will focus on those modules that emphasize the concept of "expected value" and relate the concept to the decision making process. The $\chi 2$ statistic occurs in year three of the new common core probability and statistics standards. The statistic is often used to determine if one should reject the so-called "null hypothesis" or the conjecture that nothing has changed. This is a topic of fundamental importance in statistical analysis.

Location:

Sweetwater High School
2900 Highland Avenue
National City, CA 91950

Please note: Meet in room #151

Thursday, May 19, 5–7 pm - _Register online here_
- Please note time change and location-

Topic: Discourse in Teaching Mathematics

Speakers: Dr. Janet Bowers, SDSU Department of Mathematics and Statistics , Dr. Katrine Czajkowski, Lead Curriculum Specialist, Sweetwater Union High School District

Description: In this workshop, we will examine productive patterns of discourse between a teacher and student. This discussion will be guided by Bowers, Czajkowski, and SUHI teacher Essie Orozco. We will view a few videos of animated characters (a cartoon teacher interacting with a hypothetical 7th grade student) and identify areas where the conversations (and underlying thinking) CVH C-STEM IMI with Computing/ involved higher order cognitive demand (MP 6, 7, and 8). We will discuss the pros and cons of this approach. If time permits, we will use the character generation tool to create video-based scenarios to share.

Location:

Otay Ranch High School
1250 Olympic Parkway
Chula Vista, CA 91913

Please note: Meet at the school's Pavilion

Space is limited—register today!

– Refreshments provided & _Free_ Parking, details to follow after registration –
Questions? Email Dr. Nadine Bezuk at _nbezuk@mail.sdsu.edu_