

MCTM/MinnMATYC Spring Conference

Calculus Conference Within a Conference

Friday, April 24th

A special strand during MCTM/MinnMATYC! Sessions feature calculus instructors with leadership roles in AP grading and focus on instructional strategies proven effective in calculus.

Join any or all of the sessions!



9:45-10:45 Mark Kiraly *Circuit Training in the AP Classroom*

A versatile twist on traditional worksheets that is self-checking and strangely fun. Participants will receive several circuits and insight into writing strategies.

11:00-12:00 Karen Hyers *Group Activities to Get Students Talking*

Use collaborative structures to explore key concepts. Activities include Predict & Confirm FR Write, Series Quiz-Quiz-Trade, and Integral Discussion Groups.

1:30-2:30 Erik Ahlquist & Nicole Lang

Helping Students Develop Effective Mathematical Communication

Get your students out of their “you know what I mean habits”. We will share some simple, concrete ideas for clear, accurate communication.

2:45-3:45 Mike Hall *Technology and Equity in AP Calculus*

Technology can be a transformative tool to help create equitable opportunities using culturally responsive pedagogy. Bring an iPad or TI calculator.

4:00-5:00 Gail Burrill *Calculus, Student Understanding and Misconceptions*

Student error analysis, research on learning, and interactive dynamic technology can combine to help us design lessons that better enable students to carry out the mathematical practices for calculus.

