

24th Annual WisMATYC Conference, Saturday October 7

Blackhawk Technical College, Janesville Wisconsin

8:00	Registration and Continental Breakfast <i>Your \$30 conference fee will be collected at this time.</i>	
9:00	Beyond the Worksheet Julie Gunkelman (Oakland Community College (MI)), AMATYC Professional Development Coordinator Jon Oaks (Macomb Community College (MI)), AMATYC Midwest Region Vice President <i>The focus of this presentation will be several activities used in class to practice skills and create group discussion. The example activities will be primarily from Calculus, College Algebra, and Trigonometry.</i>	
10:00	Room 1 Intriguing Integrals Kirthi Premadasa (UW Baraboo/Sauk County) <i>I will present ways to generate two classes of intriguing integrals which at first seem impossible to solve.</i> -AND- POGIL in the Calculus Classroom Stephanie Kernik (UW Richland) <i>POGIL (Process-Oriented Guided-Inquiry Learning) is a teaching pedagogy which uses carefully constructed materials to guide students through an exploration to construct understanding. In this talk I will briefly introduce the POGIL teaching philosophy, do an interactive demonstration of a Calculus POGIL activity, and discuss some lessons learned applying POGIL to a Calculus class.</i>	Room 2 How to Tailor ALEKS to Fit Your Course (sponsored by McGraw-Hill Education) Leah Rineck (UW Milwaukee) Rachel Zabit (McGraw-Hill Education) <i>ALEKS is one of the most versatile software programs to use as an aid in mathematics teaching. This presentation will address different ways to tailor ALEKS to your course, not tailor your course to use of ALEKS. The presentation will cover ALEKS in lab-format courses, fact-to-face courses, online courses, and flipped classroom courses.</i>
11:00	Statistics for All Teachers – What Should It Be? Marshall Mundt (Blackhawk Technical College) <i>This is both a mathematics questions and a computational science question! How much statistics is too much? Where is the line for Welding instructors versus Accounting instructors vs Anatomy instructors? How much should you be able to ask your database administrator to do for you versus what you can do yourself when it comes to determining “course success or a more broad program success.”</i>	
11:30	Lunch (variety of wraps, potato salad, fruit, water)	
12:15	WisMATYC Business Meeting and AMATYC Updates	
1:00	Activating Your Classroom with the Five Practices Keith Nabb (UW River Falls) <i>This session provides an in-depth look into Smith and Stein’s (2011) Five Practices for Orchestrating Productive Mathematics Discussions. Although the Five Practices was drafted with K-12 instructional settings in mind, this session highlights their use in a variety of college level courses including Liberal Arts Mathematics, Math for Elementary School Teachers, and University Calculus. Student work will be shared.</i>	
2:00	Formative Assessment using FREE web-based Audience Response Systems Michael Caparula (Kankakee Community College (IL)) <i>I use the Socratic Audience Response system to formatively assess my students in new material to determine areas of re-teaching. There are also self-reflective questions for the students to answer as well. Bring your connected devices, because this will be audience participation!</i>	
3:00	Snacks and AMATYC Milwaukee 2019 Updates <i>Grab a piece of cake and join the conversation about the AMATYC Conference that will be held in Milwaukee in November 2019. Get a first look at the logo design. Hear about our role in preparing for the conference and how you can be part of the fun. We’ll also do some brainstorming, so wear your creative hats!</i>	