

# Kansas Mathematical Association of Two-Year Colleges

*Spring Conference . . . March 5, 2016*

*Wichita Area Technical College, Wichita, KS*

## Program

- 8:30 – 9:00 Registration and Light Snacks
- 9:00 – 9:15 Welcome and Introductions  
*Sarah Jackson, KAMATYC President, Pratt Community College*
- 9:15 – 10:00 ***Data Presentation through Infographics***  
*Alan Dsouza, Ph.D., Instructor, Elementary Statistics, Cowley County CC*  
The workshop is designed to introduce the concept of Infographics to conference attendees. It will include discussion of the broad characteristics of an effective visual presentation of data, and tools for creating Infographics. The workshop includes a hands-on activity in which participants will work together in groups to prepare and present an Infographic.
- 10:05 – 10:25 ***MyMathLab - Learning Management System (LMS) Integration***  
*Kevin Doherty, Pearson*  
Pearson provides LMS integration for Canvas, Blackboard, Moodle and Brightspace giving institutions, instructors and students easy access to MyMathLab/MyStatLab. Whether you're working in an online, hybrid or traditional environment, this presentation will help you to draw on Pearson's LMS integration solutions to deliver streamlined access to customizable content, personalized study paths, responsive learning tools and real-time evaluation and diagnostics. The presentation will review some of the major benefits of integration including: single sign-on, grade transfer and content linking, with an emphasis on Canvas integration.
- 10:25 – 10:50 Break
- 10:50 – 11:35 ***Modeling in the pathways***  
*Jim Ham, Delta College, Michigan, AMATYC President-Elect*  
AMATYC is planning the next sequel in the *Crossroads* series on standards for mathematics in the first two years of college. The MAA, through its *Common Vision* project, is considering changes to the undergraduate mathematics curriculum. Other publications have called for the modernization of the undergraduate mathematics curriculum. Mathematical modeling is a topic identified as needing increased attention in all of these national reports. Several modeling problems included in courses in the first two years of college, particularly in the non-STEM pathway, will be shared.
- 11:45 – 12:45 Lunch

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12:45 – 1:30

***Assessment: What are you doing at your school?***

***Leesa Pohl, Donnelly College***

We are all being encouraged to assess our students to see if they are learning what they are being taught. But how do we assess them? At my school we have been instructed to give the placement test at the end. So we have a number, but no idea of what they actually know, or how seriously they took the test, or how comfortable they are with computerized, multiple choice mathematics tests. Some schools do common finals, but how do you compare yourselves with other schools?

1:35 – 2:20

***Parallel Amusements***

***Steve Wilson, Johnson County Community College***

Parallels are a topic that we think we know well, but in the realm of curves, they can hold a lot of surprises. The presenter will demonstrate how to construct parallel curves with Excel. Interestingly, the constructions can be done without calculus. But to reach an understanding of some of the surprises, several more advanced topics will be introduced and described.

2:20 – 2:30

Break

2:30 – 3:30

KAMATYC Business Meeting