Ohio Mathematics Initiative
•Re-envisioning Post-secondary Mathematics

Subgroup Meeting Summary

Subgroup #: OTM Panel/Subgroup 2

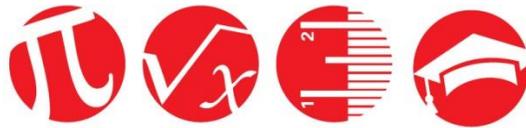**Meeting Date:** 9/11/2015

Meeting Time: 1:00-3:40

Meeting Location (WebEx, OBR, etc.): The Ohio State University, 240 Cockins Hall

Subgroup Decisions/Meeting Outcomes:

1. The objectives of the meeting were to 1) continue the discussion with the team of four experts on proposed Quantitative Reasoning statewide learning outcomes in draft and 2) discuss further the approach being taken to revise the current statewide learning outcomes for College Algebra (TMM001) and Introductory Statistics (TMM010).
2. Subgroup members discussed the impact that the new quantative reasoning OTM course would have on individual campuses but also other OTM courses with learning outcomes like College Algebra and Statistics, as well as the work ahead for mathematicians to promote such a course to various departments. Mr. Jim Willis of Sinclair Community College, Ms. Michelle Younker of Terra State Community College, Mr. Aaron Altose of Cuyahoga Community College, and Dr. Andrew Tonge of Kent State University welcomed questions and suggestions from the group regarding their work on the proposed QR learning outcomes.
3. Subgroup members agreed that the document format for the proposed QR course is helpful in that it provides not only expected student learning outcomes, but also examples.
4. Dr. Carl Stitz of Lakeland Community College provided a PowerPoint presentation on the progress that his team with Dr. Lee Wayand of Columbus State Community College, Dr. Pramod Kanwar of Ohio University Zanesville, and Dr. Jeff Zeager of Lorain County Community College, has made on revising the current learning outcomes for College Algebra (TMM001). Subgroup 2 discussed and then supported the approach that the team was taking. They presented their proposed learning outcomes on Functions. They were asked by the subgroup to prepare their proposal with the remaining key areas to be presented at the next meeting. They will provide student learning outcomes with sample contexts, tasks, and topics.
5. Dr. Andy Chang of Youngstown State University alongside Dr. Oana Mocioalca of Kent State University and Ms. Terry Calvert of Edison Community College presented their proposed learning outcomes for Introductory Statistics. They explained that their proposal makes the learning outcomes more inclusive and general, but specific enough. Subgroup members supported their approach. The three experts will add some examples to their proposal to be consistent with the other two courses.
6. Dr. Paula Compton went over the Academic Affairs Completion Initaitives Timeline 2015-2017 document created by Dr. Rebecca Watts, Associate Vice Chancellor for P-16 Initiatives. She pointed out that the work on Quantative Reasoning, College Algebra, and Statistics are all included in the timeline. The goal for College Algebra and Statistics is to complete the proposal by December 31, 2015. The proposals will be ready to be presented at the OMI Chairs/Leads Network meeting on January 22, 2016.

Subgroup Homework/Follow-Up (if any):
1. Dr. Stitz, Dr. Kanwar, Dr. Wayand, and Dr. Zeager will continue refining the College Algebra learning outcomes.

2. Dr. Chang, Dr. Mocioalca, and Ms. Terry Calvert will continue refining the Introductory Statistics learning outcomes.

Next Meeting: Friday, November 13, 2015 (at the Ohio Department of Education Building B-004)