

Center for Instructional Mentoring Seminar Series - Spring 2016
MSU Mathematics Department

Date, Time, Location		Topic
Week 1	Arrange with Mentoring Leader 1/11-1/15	Lesson Planning Workshop - Collaboratively develop lesson plans for Week 1 and Week 2 with your Mentoring group. <i>Mandatory for all GTAs in the Mentoring Program</i>
	Thursday, Jan. 14 11:45am-12:45pm A-108 WH	Spring Orientation Seminar (MTH 103 Discussion, etc.) <i>Mandatory for all 1st year Ph. D. Students</i>
Week 2	Arrange with Mentoring Leader 1/18-1/22	Lesson Planning Workshop - Collaboratively develop lesson plans for Week 3 and Week 4 with Mentoring group. <i>Mandatory for all GTAs in the Mentoring Program</i>
Week 3	Tuesday, Jan. 26 4:00pm - 5:00pm A-324 WH	Fostering a Learning Community - Supporting the social aspects of learning, planning effective office hours, and helping students meet their goals. <i>Discussion leader: Andy Krause</i>
	Thursday, Jan. 28 11:45am-12:45pm A-108 WH	Teaching to Fail - Fostering a safe learning environment where risk-taking is encouraged by normalizing the practice of productive struggle. <i>Discussion leader: Andy Krause</i>
Week 4	Tuesday, Feb. 2 4:00pm - 5:00pm A-324 WH	Teaching to Fail (Repeat) - Fostering a safe learning environment where risk-taking is encouraged by normalizing the practice of productive struggle. <i>Discussion leader: Andy Krause</i>
	Thursday, Feb. 4 11:45am-12:45pm A-108 WH	Spring Orientation Seminar (MTH 124 Discussion, etc.) <i>Mandatory for all 1st year Ph. D. Students</i>
Week 5	Tuesday, Feb. 9 3:00-4:00pm C304 WH	Gateway to Mathematics Seminar - Michael Starbird: Inquiry based learning to teach mathematics that inspires the development of effective thinking strategies.
	Thursday, Feb. 11 11:45am-12:45pm A-108 WH	Formative Assessment - Assessing student learning to inform teaching, as opposed to assign grades, is called formative assessment and is one of the most important components of effective teaching. <i>Discussion leader: Andy Krause</i>
Week 6	Tuesday, Feb. 16 4:00pm - 5:00pm A-324 WH	Conversations Among Colleagues (Prof. Russell Schwab) - Russell will share his experiences with MTH 299, which is taught using a flipped model. Faculty are encouraged to attend.
	Thursday, Feb. 18 11:45am-12:45pm A-108 WH	Fostering a Learning Community (Repeat) - Supporting the social aspects of learning, planning effective office hours, and helping students meet their goals. <i>Discussion leader: Andy Krause</i>
Week 7	Tuesday, Feb. 23 3:00-4:00pm C304 WH	Gateway to Mathematics Seminar - Jim Fowler: Ohio State has undertaken multiple interventions (active learning, flipped lectures), the effects of which are being viewed through many lenses (effective surveys, pre/post tests, etc.)
	Thursday, Feb. 25 11:45am-12:45pm	Spring Orientation Seminar (MTH 132 Discussion, etc.)

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	A-108 WH	<i>Mandatory for all 1st year Ph. D. Students</i>
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W e e k 8	Tuesday, Mar. 1 4:00pm - 4:50pm A-324 WH	Conversations Among Colleagues (Poll Everywhere) - Ryan, Gabriel, and Sheldon will share their experiences with Poll Everywhere, a classroom polling software that they are piloting in MTH 235. RESCHEDULED
	Thursday, Mar. 3 11:45am-12:45pm A-108 WH	Questioning Techniques for Teaching - Different questions create different learning opportunities for your students. Asking a variety of questions addresses the diverse needs of your students. <i>Discussion leader: Andy Krause</i>
3/7-3/11		Happy Spring Break!
W e e k 9	Tuesday, Mar. 15 3:00pm - 4:00pm C304 WH	Gateway to Mathematics - David Bressoud - The expectation that most students will study calculus in high school, the financial pressures to teach more students using fewer resources, and the heightened demands from the client disciplines to do a better job of preparing their students have created a situation where we can no longer afford to simply teach calculus the way we did twenty or even ten years ago. This talk will address what these pressures mean for the mathematical community and how we can meet them. (You, come to this talk)
	Thursday, Mar. 17 11:45am-12:45pm A-108 WH	Formative Assessment - Assessing student learning to inform teaching, as opposed to assign grades, is called formative assessment and is one of the most important components of effective teaching. <i>Discussion leader: Andy Krause</i>
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	Thursday, Mar. 24 11:45am-12:45pm A-108 WH	Spring Orientation Seminar (MTH 133 Discussion, etc.) <i>Mandatory for all 1st year Ph. D. Students</i>
W e e k 1 1	Tuesday, Mar. 22 4:00pm - 5:00pm A-324 WH	Conversations Among Colleagues (Poll Everywhere) - Ryan, Gabriel, and Sheldon will share their experiences with Poll Everywhere, a classroom polling software that they are piloting in MTH 235.
W e e k 1 2	Tuesday, Apr. 5 3:00pm - 4:00pm C304 WH	Gateway to Mathematics - Angela Kubena - The talk will be about calculus at the University of Michigan. This will be a really good talk about a different look at calculus.
	Thursday, Apr. 7 11:45am-12:45pm A-108 WH	Assessment - How can student learning be assessed? Hint: exams are one of many ways. Explore various assessments and the different learning opportunities and assessment value of each. <i>Discussion Leader: Andy Krause</i>
W e e	Tuesday, Apr. 12 4:00pm - 5:00pm A-324 WH	Conversations Among Colleagues (MTH 124) - Teena, Ben, and Dave will share their experiences with the new Bio/Business format of MTH 124, which includes Friday lab activities.

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k 1 3	Thursday, Apr. 14 11:45am-12:45pm A-108 WH	Spring Orientation Seminar <i>Mandatory for all 1st year Ph. D. Students</i>
1 4	Tuesday, Apr. 19 4:00pm - 5:00pm A-324 WH	Conversations Among Colleagues (Prof. Bob Bell - maybe) - Prof. Bell will share his experience with the new Bio-Calc that is being taught in Lyman Briggs.
1 5	Tuesday, Apr. 26 4:00pm - 5:00pm A-324 WH	Conversations Among Colleagues (MTH 132 - maybe) - Instructors will share innovative teaching approaches that include flipped classrooms, group quizzes, and lecture videos. <i>Presenters: Andy Krause, Ryan Maccombs (?), Wenbin Li (?), Zhengi Wang (?)</i>