

**University of Michigan Mathematics Department
Faculty Professional Development Program Schedule, Fall 2017**

Monday, August 29

9:00-12:00	Capsule Research Talks <i>20 minutes each, individual talks</i>	New assistant professors	Seminar Rooms
12:00-1:00	Lunch provided		EH Atrium
1:00-2:00	Introductions, Departmental Overview, and Assignment for Tuesday <i>Introduction of professional development staff</i>	All Staff	EH 1068
2:00-?	Social time—at Dominick's for all interested....		

Assignment: *Pick up a calculus textbook (6th edition) and calculator between 12:00-3:30 pm from the Undergraduate Office in 2084 East Hall. You will need your textbook tonight.*

Assignment: *Prepare a 7- minute explanation for the Tuesday morning session using the assignment sheet to guide you. Consult the Group & Topic (GAT) list to find your topic, time, and room.*

Assignment: *Take and pass the Calculator Gateway, in the Gateway Lab, EH B069, which will be open 1-6pm on Monday and 5-10pm on Tuesday. The Gateway has a 12 minute time limit, and before going to the Gateway Lab you can practice the Gateway as many times as you like using the "calculator gateway" link under "training materials" on the instructional technology site <<http://instruct.math.lsa.umich.edu/>>. You may take the Gateway in the Gateway lab at most twice a day. Those who do not pass the Calculator Gateway MUST attend the calculator breakout session on Wednesday afternoon.*

Tuesday, August 29

9:00-10:30	Groups A-F: Short Individual Practice Teaching (<i>7 minutes each, videotaped</i>) <i>Instructors are videotaped giving a short lesson to other instructors; followed by a discussion.</i>	All Staff	See the GAT
	Groups AA-GG: Asking Questions	Nina, Beth, Lizbee	CCL 1528
10:45-12:15	Groups AA-GG: Short Individual Practice Teaching (<i>7 minutes each, videotaped</i>) <i>Instructors are videotaped giving a short lesson to other instructors; followed by a discussion.</i>	All Staff	See the GAT
	Groups A-F: Asking Questions	Beth, Lizbee	CCL 1528
12:15-1:15	Lunch (on own)		

1:15-2:30	Michigan Math in Action <i>Course features, student profiles, and the courses they take</i>	Gavin, Angela, Paul	CCL 1528
2:30-2:45	Refreshments		CCL 1528
2:45-3:45	The Groupwork Fractal (The Cooperative Classroom)	Gavin, Fernando, Paul	MH
4:00-5:00	Professional Responsibilities <i>Departmental suggestions and support</i>	Tony Bloch	CCL 1528

Assignment: *If you have not already passed it, take and pass the Calculator Gateway, in the Gateway Lab. Information about this appears above in the Monday assignments. You can take the Gateway in the Gateway Lab at most twice a day.*

Wednesday, August 30

[New faculty may want to participate in the Campus-Wide New Faculty Orientation in the morning.]

1:00-2:15	Most Things You Worry About Never Happen.... <i>Troubleshooting in the classroom</i>	Gavin, Dan	CCL 1528
2:15-2:30	Refreshments.		CCL 1528
2:30-3:45	A Day in the Life (The Interactive Classroom)	Karen, Stephen, Scott	MH
4:00-5:00	Technology Breakout Sessions <i>(Sessions will deal with technology use and availability.)</i>	All Staff	EH Computer Labs

Assignment: *Assume that you have already finished introducing the topic from the section you are assigned. You will give the "students" an in-class group work assignment related to that section. Prepare an exercise that does not require any introduction to use as a group assignment and plan to manage that work, including closure. You will have 10 minutes. See GAT for topics and room. Please go to <http://www.math.lsa.umich.edu/courses/Instructors/guide.html> and look at the section titled Cooperative Learning in the Classroom.*

Thursday, August 31

9:00-11:00	Running an Interactive Classroom, Session 1 <i>(10 minutes each)</i> <i>Instructors give and manage an in-class group assignment</i>	All staff	MH
11:15-12:00	Where is the Line? (Values, Ethics, and Grades) <i>How to handle the instructor-student relationship.</i>	Dan, Jasmine, Yan Shuo	WEIS 260
12:00-12:45	Team Homework in Action <i>How to form teams, team roles, etc.</i>	Fernando, Paul	WEIS 260
12:45-1:45	Lunch (on own)		
1:45-2:45	Understanding Student Understanding <i>Videos, discussion, investigation of students' conceptual understanding</i>	Scott, Hanna, Dan	CCL 1528
2:45-3:00	Refreshments.		CCL 1528
3:00-4:00	105 Course Meeting / 115 Course Meeting / Course Specific Q&A <i>If you are teaching 105 or 115, you must attend the course meeting. Course specific Q&A is for instructors teaching other courses.</i>	All staff	CCL

Assignment: *Prepare a group work exercise as you did for Thursday morning. (Follow the instructions for last night's assignment.) See GAT for topics and room.*

Friday, September 1

9:00-11:00	Running an Interactive Classroom, Session 2 <i>(10 minutes each)</i> <i>Instructors give and manage an in-class group assignment</i>	All staff	MH
11:00-12:00	Course Administrivia <i>General information from Kevin Jensen and Alaina Wollner appropriate for all—then, we will break for course meetings for 105/115 instructors—If you are teaching one of these courses, you must attend the course meeting.</i>		CCL 1528
12:00-1:30	Chairman's Wrap-up and Lunch		EH Atrium
1:30-3:30	Getting Ready for Your First Class <i>(optional)</i>	Yan Shuo, Jasmine	MH