Department of Chemistry
TA Training Schedule
Tuesday, August 28 – Friday, August 31, 2012

Tuesday, August 28

9:00 am – 12:00 pm  English Evaluation Exam (arrive between 8:30 and 8:50am)  Rm. 10-250
http://web.mit.edu/fl/www/languages/EET-FAQ.shtml

1:00 pm  Welcome – Professor Cathy Drennan and Dr. Jennifer Weisman  Rm. 4-237
Presentation of 2011-2012 TA Awards

2:00-4:00pm  Session 1: Meet Your Teaching Team**
Rooms Arr:

Goals of session: Be able to articulate teaching goals and answer the question, “what kind of teacher do I want to be?” Develop a good working relationship with your teaching team. Become familiar with course policies and faculty expectations.

5.111 Team  Rm. 4-257
Faculty: Alex Klibanov*, Keith Nelson, Patti Christie (Course Coordinator)
Advanced Graduate Students: Whitney Hess, David Song, David Veysett, Michael Funk

5.112 Team  Rm. 4-265
Faculty: Steve Lippard*, Keith Nelson, Patti Christie (Course Coordinator)
Advanced Graduate Students: Shannon Morey, D.W. Rowlands

5.07 Team  Rm. 18-598
Faculty: John Essigmann*, JoAnne Stubbe*
Advanced Graduate Student: Megan Brophy

5.13 Team  Rm. 4-149
Faculty: Tim Jamison, Steve Buchwald
Advanced Graduate Students: Paula Ruiz-Castillo*, Alex Zhukovitskiy

5.12 Team  Rm. 4-144
Faculty: Tim Swager*
Advanced Graduate Students: Jolene Mork, Grace Han, Alexandra Cok

5.60 Team  Rm. 4-146
Faculty: Moungi Bawendi
Advanced Graduate Students: Mike Mavros*, Jose Cordero

5.61 Team:  Rm. 6-233
Faculty: Troy Van Voorhis* and Bob Field  (Amdur)
Advanced Graduate Student: Matt Welborn

5.310/Team  Rm. 4-449B
Instructor: John Dolhun*
Advanced Graduate Students: Colby Steiner, Greg Gutierrez, Wankyu Lee, Lei Sun

5.35/5.37 Teams  Rm. 4-153
Faculty/Instructors: Keith Nelson (Mod. 1), Mariusz Twardowski* (Mod. 2), Tim Swager, (Mod. 3)
Daniel Nocera (Mod. 8), Kit Cummins (Mod. 9)
Advanced Graduate Student: Markrete Krikian

*Discussion leader for Session 1. **Area Four Pastries and Coffee provided.
**Wednesday, August 29**

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<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Facilitator</th>
<th>Room</th>
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<tbody>
<tr>
<td>8:30 am</td>
<td>Continental Breakfast</td>
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<td>4-237</td>
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<tr>
<td>9:00 – 9:15 am</td>
<td>Feedback from Tuesday’s Sessions</td>
<td>Facilitator: Jennifer Weisman</td>
<td>4-237</td>
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<tr>
<td>9:15 am-12:00 pm</td>
<td>Session 2: Teaching Triptych</td>
<td>Goals of Session: Be able to apply research on how students learn to one’s own teaching. Be able to describe specific strategies for active learning.</td>
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<td>9:15 am</td>
<td>Learning and Cognitive Theory</td>
<td>Facilitator: Dr. Beth Taylor</td>
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<td>9:45 am</td>
<td>Interactive Learning and Problem Solving</td>
<td>Facilitator: Marjorie Zohn</td>
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<td>11:00 am</td>
<td>Teaching as Performance</td>
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<td>12:00 pm</td>
<td>Lunch with your TA Team</td>
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<td>5.111 Team</td>
<td>Facilitators: Whitney Hess, David Song, David Veysett, Michael Funk</td>
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<td>Facilitators: Jolene Mork, Grace Han, Alexandra Cok</td>
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<td>Matt Welborn</td>
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<td>Facilitators: Colby Steiner, Greg Gutierrez, Wankyu Lee, Lei Sun</td>
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<td>Markrete Krikorian</td>
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<td>1:00 – 2:30 pm</td>
<td>Session 3a: Challenges in teaching recitations/labs</td>
<td>Goals of Session: Become familiar with common challenges specific to your course assignment, and be able to apply best teaching practices developed by former course TAs.</td>
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Thursday, August 30

8:30am   Continental Breakfast

9:00 - 9:15am   Feedback from Wednesday’s Sessions   Facilitator: Dr. Jennifer Weisman

9:15 - 10:30am   Session 4: Addressing Stereotype Threat in the Classroom
Goals of Session: Be able to define stereotype threat and identify who can be affected by it, explain how stereotype threat can lead to poor performance in a class or lab, and apply strategies to overcome the negative effects of stereotype threat.

5.111/5.112/5.310 Teams   Facilitator: Prof. Cathy Drennan
5.07/5.13/5.60/5.61/5.35/5.37 Teams   Facilitator: Dr. Beth Taylor

10:30 - 11:30am   Session 3b: Challenges in Teaching Recitations/Labs
Continuation of Session 3a

Rooms Arr:

12:00pm   Graduate Institute Welcome

1:00pm   Graduate Institute Lunch

2:30-2:45pm   Research Group Selection Advice (Optional Session)
Facilitator: Prof. Cathy Drennan

2:45-3:00pm   Stellar Training
Facilitators: Chemistry Education Office

3:00 – 4:00pm   Session 5: Getting Ready for Microteaching
Goal of Session: Be able to describe presentation pitfalls and best practices for application on Friday in Session 6.
Facilitator: Prof. Cathy Drennan

3:00pm   Microteaching Logistics
3:15pm   The Art of a Good Presentation
Friday, August 31

8:30am  Continental Breakfast  2-135 hallway

9:00am  **Session 6: Micro-teaching**
Goal of Session: Practice giving and receiving wise criticism in the context of teaching a five-minute recitation lesson.

5.07 Team
Facilitator: Megan Brophy

5.111 Team (A-L)
Facilitators: Whitney Hess, David Veysett

5.111 Teams (M-Z)
Facilitators: Dave Song, Michael Funk

5.112 Team
Facilitators: DW Rowlands, Shannon Morey

5.12 Team
Facilitators: Jolene Mork, Grace Han, Alexandra Cok

5.13 Team
Facilitators: Paula Ruiz-Castillo, Alex Zhukovitskiy

5.60/5.61 Teams
Facilitators: Matt Welborn, Mike Mavros, Jose Cordero

5.310 Team
Facilitators: Marcus Gibson, Colby Steiner, Greg Gutierrez
Wankyu Lee, Lei Sun

5.35/5.37 Teams
Facilitators: Markrete Krikorian

12:00-  Lunch!  Rm. 6-321
2:00pm  Congratulations! You have successfully completed TA Training!