

Cottrell Scholars Collaborative New Faculty Workshop

July 31–August 2, 2014
American Chemical Society • 1155 16th Street, NW • Washington, DC 20036

Thursday, July 31

2:30 PM – 3:00 PM Workshop Check-In (*Just-in-Time Teaching (JiTT)* Exercise Due)
3:00 PM Panel (optional): *Writing Proposals and Managing Grants*
5:00 PM Break
6:00 PM Session: *The Difference Between Teaching and Learning* (Program Organizers)
8:00 PM Opening Reception (Hotel Rouge)

Friday, August 1

8:00 AM – 8:30 AM Breakfast
8:30 AM Welcome and Introductions (Madeleine Jacobs)
9:00 AM Workshop Overview (Andrew Feig and Rory Waterman)
9:15 AM Session: *JiTT Model Explanation and Implementation* (Linda Columbus and Andrew Feig)
9:45 AM Session: *Introduction to Scientific/Research-Based Teaching* (Rory Waterman)
10:15 AM Break
10:30 AM Active Learning Exercise (Andrew Feig)
11:15 AM Teachable Tidbit (Pt. 1): *Backward Design – Syllabi and Selection of Content* (Lane Baker and Rigoberto Hernandez)
12:15 PM Teachable Tidbit Report
12:30 PM Lunch: *Learning Taxonomies* (Rory Waterman)
1:45 PM Teachable Tidbit (Pt. 2): *Making a Content Element Active* (Penny Beuning and Andrew Feig)
3:15 PM Teachable Tidbit Report
3:30 PM Session: *Assessing Student Learning* (Linda Columbus)
4:00 PM Break
4:15 PM Teachable Tidbit (Pt. 3): *Developing Formative Assessment to Assist Student Learning* (Linda Columbus and Chris Douglas)
5:15 PM Teachable Tidbit Report
5:30 PM Session: *Engaging Large Classes* (Lane Baker, Penny Beuning, and Chris Douglas)
6:30 PM Dinner: *Table Topics*
7:30 PM Session: *Addressing Student Diversity* (Rigoberto Hernandez)
8:00 PM Session: *Time Management* (Penny Beuning)
8:30 PM Adjourn

Saturday, August 2

8:00 AM – 8:15 AM Breakfast
8:15 AM Teachable Tidbit (Pt. 4): *Trial Run – Try Out Your Project in Small Peer Groups* (All Facilitators)
10:15 AM Teachable Tidbit (Feedback): *What Worked? What Was Less Successful? Were there trends?*
10:45 AM Break
11:00 AM Session: *Managing a Safe Laboratory* (Chris Douglas)
11:30 AM Discussion: *Student Mentoring Issues through Case Studies and Problem-Based Learning (PBL) Approaches; Case Studies and PBL Approaches as Instructional Strategies* (Lane Baker and Andrew Feig)
12:30 PM Workshop Wrap Up and Evaluation (Andrew Feig and Marilyne Stains)
12:45 PM Adjourn and Lunch