Cottrell Scholars Collaborative
New Faculty Workshop
July 25-27, 2013
Washington, DC

**Thursday, July 25**
American Chemical Society (1155 16th St, NW), Marvel Hall
5:00 pm – 6:00 pm Workshop check-in (appetizers will be provided)
6:00 pm – 7:30 pm Opening Session – panel discussion with workshop organizers
Overcoming Challenges to New Faculty Success

**Thursday, July 25**
Hotel Rouge (1315 16th St, NW)
8:00 pm – 10:00 pm Opening reception

**Friday, July 26**
American Chemical Society (1155 16th St, NW), Marvel Hall
7:30 am Workshop check-in
8:00 am Breakfast
8:30 am Welcome Session and Introductions (Madeleine Jacobs)
9:00 am Workshop Overview (Andrew Feig and Rory Waterman)
9:15 am Just-in-time Teaching (Andrew Feig and Linda Columbus)
9:45 am Introduction to scientific teaching/research-based teaching (Rory Waterman)
10:15 am Break
10:30 am Active learning exercises (Andrew Feig)
11:15 am *Teachable Tidbit project - Part 1* (Lane Baker and Rigoberto Hernandez)
   *Goal – Learning objective, syllabi and selection of content*
12:15 pm Teachable Tidbit report-out
12:30 pm Lunch Learning Taxonomies - (Rory Waterman)
1:45 pm *Teachable Tidbit project - Part 2*
   *Goal – make a content element active*
3:15 pm Teachable Tidbit report-out
3:30 pm Assessing student-learning (Linda Columbus)
4:00 pm Break
4:15 pm *Teachable Tidbit project - Part 3*
   *Goal - Develop formative assessment to assist student learning*
5:15 pm Teachable Tidbit report-out
5:30 pm Engaging large classes (Lane Baker, Rory Waterman, Penny Beuning)
6:30 pm Dinner (table topics: Bring forward from first night topics – assign roles) report-out
7:30 pm Addressing Student Diversity (Rigoberto Hernandez)
8:00 pm Time management (Penny Beuning)
8:30 pm Adjourn
Saturday, July 27
American Chemical Society (1155 Sixteenth St, NW), Marvel Hall

8:00 am  Breakfast
8:30 am  **Teachable Tidbit project - Part 4**  
**Trial Run - Try out your project on your peers in small groups**
9:30 am  **Feedback on Teachable Tidbit projects** (Rory Waterman and Andrew Feig)  
*What worked? What was less successful? Were there trends?*
9:45 am  Break
10:00 am  Mentoring students (Andrew Feig and Lane Baker)
  Mentoring exercise – Case studies and Problem-Based Learning (PBL) approaches
11:00 am  Break
11:15 am  Workshop wrap up and evaluation (Marilyne Stains)
11:30 am  Grant Writing 101
  Panelists:  (Linda Columbus - moderator)  
  Dr. Carol Bessel, NSF Division of Chemistry  
  Dr. Paula Flicker, NIH National Institute of General Medical Sciences  
  Dr. Burt and Lee, ACS Office of Research Grants  
  Dr. Gail McLean, Department of Energy
1:00 pm  Lunch
1:30 pm  Adjourn

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