

Active Learning in Organic Chemistry
Workshop Schedule, June 20-23, 2016
Hyatt Place Cincinnati Airport

Workshop Leaders

Justin Houseknecht	Wittenberg University, Springfield, OH
Vince Maloney	Indiana U. Purdue U. Ft. Wayne, Fort Wayne, IN
Jennifer Muzyka	Centre College, Danville, KY
Bob Rossi	Rowan College at Gloucester County, Sewell, NJ
Cathy Welder	Dartmouth College, Hanover, NH

David Collard Georgia Institute of Technology, Atlanta, GA (cCWCS co-PI)

Monday

5-6 pm	Arrival and Check In
6-7 pm	Evening reception with heavy hors d'oeuvres Welcome and introductions
7-8 pm	Overview of Active Learning Pedagogies – Bob
8-9 pm	Backward Design – Cathy

Homework:

Choose a topic of focus for the workshop from this list: alkenes, stereochemistry, alcohols, aldehydes and ketones, carboxylic acids and derivatives, or alpha-carbonyl chemistry. You'll work on this topic throughout the workshop, generating learning objectives, clicker questions, and reading questions.

Tuesday

7:00-8:30	Breakfast
8:30-9:15	The Flipped Classroom at IPFW – Vince
9:15-10:00	The Flipped Classroom at RCGC – Bob
10:00-10:15	Break
10:15-12:00	Using the Tools (LiveScribe and Wacom Tablets) LiveScribe – Cathy SnagIt – Bob
12:00-1:00	Lunch
1:00-1:10	Group Photo
1:10-1:30	cCWCS and OrganicERs.org – David
1:30-2:45	Clicker technology and use – Vince and Jennifer
2:45-3:15	Break
3:15-4:00	Hands-on activities with clickers – Vince and Jennifer
4:00-4:30	EasyOChem – Jennifer
4:30-5:30	The Flipped Lab at Dartmouth – Cathy
5:30-6:00	Reflection period. Based on workshop topics discussed so far, what three things to you want to learn more about? What tools will you use to explore these topics?
6:00-7:00	Group dinner in hotel. Assigned seating, grouped by institution type

Wednesday

- 7:00-8:30 Breakfast
- 8:30-9:00 Just-in-Time Teaching at Wittenberg – Justin
- 9:00-9:30 Just-in-Time Teaching at Centre – Jennifer
- 9:30-10:00 Break
- 10:00-11:30 Learning Objectives and Reading Prompts – Jennifer and Justin
- 11:30-12:30 Lunch
- 12:30-1:45 Using the Tools (iPads)
Doceri – Jennifer and Cathy
Explain Everything – Justin
- 1:45-2:30 Assessments – Jennifer
- 2:30-3:00 Break
- 3:00-5:30 Concept Inventory Development – Justin
- 5:30-6:00 Reflection period.
- Considering all that we have discussed in the workshop thus far, what would you like to try to implement in your courses?
 - If you haven't already done so, upload something to OrganicERs.org.
- 6:00-8:00 Group dinner in nearby restaurant

Thursday

- 7:00-8:30 Breakfast
- 8:30-9:15 Discussion/show and tell with previous participant Dan Esterline
- 9:15-10:00 How to introduce active learning to students and colleagues – Jennifer
- 10:00-10:30 Break
- 10:30-11:45 Brainstorming – how will your teaching change? – David
Open Discussion
- 11:45-12:00 Evaluations
- 12:00-1:00 Lunch in hotel (available To Go)
- 1:00 Departure