

AP Chemistry for Experienced Teachers
June 26 – 29, 2018
University High School, Morgantown, WV
Facilitator: Bill Cumming

TUESDAY, June 26

- Introduction to AP Chemistry
- Equity and Access Discussions
- Goals of AP Chemistry
- Exam data and the reading
- Examination of the Curriculum Framework focused on the first three “Big Ideas”
- Discussions of Inquiry Lab goals and expectations
- Inquiry Laboratory Experiment 1 & 2

WEDNESDAY, June 27

- Examination of the Curriculum Framework focused on the final three “Big Ideas”
- Practice Exam – Multiple Choice questions 1 – 30 in groups. How does the exam fit with the learning objectives and the science practices?
- Laboratory expectations and an exploration of resources – a discussion of guided inquiry
- The AP Exam – A Detailed look.
- Inquiry Laboratory Experiment 3 & 4

THURSDAY, June 28

- Practice Exam – questions 31 – 60 in groups. Again - How does the exam fit with the learning objectives and the science practices?
- 2018 Operational Free Response section – questions 1 – 3 in groups.
- The Rubric and how to apply it
- Practice scoring sample papers
- Inquiry Laboratory Experiment 5 & 6

FRIDAY, June 29

- Building on what we have learned this week participants will work on generating a syllabus and inquiry Lab and classroom activities appropriate to their course.
- Test strategies
- Inquiry Laboratory Experiment 7
- Wrap-up session with participant sharing and evaluation

Total contact hours – 30

Graduate Credit:

Those seeking graduate credit must complete an additional 15 hours. To complete the additional hours participants must complete a unit plan including inquiry based lessons and labs, formative and summative assessments. More information will be provided on the first day of the summer institute.