

Interview for New Instructors: Pre-interview

1. Did you have any experience as a teacher (TA, guest lecturer, etc)?
2. What is your teaching philosophy?
3. What should chemical and life-science majors acquire in their undergraduate studies?
 - Pay attention to the following aspects:
 - a. Content knowledge
 - b. Laboratory skills
 - c. Scientific writing and reading
 - d. Understanding the dynamic nature of science
 - e. Understanding the applicability of science to everyday life
 - f. Understanding of what scientists do?
 - g. Historical views
 - h. Motivation to continue in the field
4. As a student (undergraduate/graduate), were you exposed to approaches for teaching and learning other than lecture? Do you think that you will use them in your teaching? (How?)
 - a. Case studies and/or problem-based-learning
 - b. In-class discussions
 - c. Out-of-class discussions (virtual chat, bulletin board)
 - d. Critical writings (reflective journals, summaries, essays, critiques)
 - e. Group work
 - f. Visual-based instruction (streamed video or CD)
 - g. Games & Simulations
 - h. Problem solving
 - i. Online Presentations
 - j. Role-play
 - k. Directed research
5. As an undergraduate student, how did you interact with your instructors after classes (e-mail, office hours, web, question box...)
6. How do you think that you are going to interact with your students?
7. How do you envision your class sessions? (for example, review of the last session in the first 10 minutes, time for questions, etc.)
8. How did you build the syllabi? Do you use the Blackboard?
9. How do you build the course assessment? Do you use any alternative assessment?
10. How do you learn about your students' background knowledge in order to relate to the diversity in the class?
11. How do you feel about teaching? Do you like teaching? Why or why not?
12. What do you think would help you to prepare to teach your first class (workshops from CTE, mentoring from your colleagues, participating in a support group, etc.)
13. How do you plan to divide your time between research and teaching? Are you concerned about being able to do a good job at both?