

## Interview for New Instructors

1. How many semesters did you teach here?
2. What type of classes did you teach (major, non-major, introductory, higher-level, small, large enrollment classes, etc.)?
3. What is your teaching philosophy?
4. What should chemical and life-science majors acquire in their undergraduate studies? What are you doing in order to make sure that you're giving the students the opportunity to acquire these aspects?  
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
5. Are you using the following in your teaching and 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
  - l. Other
6. How do you interact with your students?
7. How do you plan your class sessions? (for example, review of the last session in the first 10 minutes, time for questions, etc.)
8. How do you build the syllabi? Do you use the Blackboard?
9. How do you build the course assessments? 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. Did you use any resources inside or outside of the university to learn skills to enhance your teaching? Explain.
13. Are you using an interdisciplinary teaching approach?
14. Do you belong to any community around teaching in the university or outside of the university?

15. How do you divide your time between research and teaching? Are you concerned about being able to do a good job at both?