

Research with Undergraduates – Notes and Ideas

1. What has been your past experience in working with undergraduates on research?
 - a. What are the potential benefits of undergraduate research for students? For you?

 - b. What are the challenges and pitfalls of working with undergraduates in research?

2. What is a research project that you envision working on with students?
 - a. What challenges do you anticipate?

 - b. What potential solutions might help you overcome these challenges?

Things to think about as you plan undergraduate research projects:

- What are your goals and motivations for working on research with undergraduates? These should guide how you structure the project.
- What are the strengths and weaknesses of the population of undergraduates with whom you might work?
- How much time and experience do you and your students have for this project? What are the deadlines?
- What do you and your students expect from this experience? Consider using a research contract.
- Take the time to teach students about organization, time management, record keeping, and data preservation, especially if the end results are important to your research.
- How will you structure the undergraduate research project such that your goals for the research are achievable?

Write down your other thoughts and notes from this session in the space below.....