

## PREP # 3 : Pinellas County AP Research Ethics Training

This training is a required component of the AP Research course. Upon completion, students will have knowledge in the importance of and ways to conduct research that meets ethical guidelines. You must complete all sections of the training.

Modules: <https://researchethics.od.nih.gov/CourseIndex.aspx>

Introduction:

1. Why do you think following ethical guidelines in research is important? How can this affect research studies?

Scientific Integrity:

1. What is scientific integrity and why is it important in research?
2. What are some ways you will maintain scientific integrity?

Data Acquisition and Management:

1. Explain the three categories of scientific data. Which one(s) will be the most relevant to your research? Why?
2. What data are you planning to collect? How can a good research record help your research?

Publication and Authorship:

1. Do you plan to publish your research? Why or why not?
2. In what ways do you think your research will bring new information to the field?

Mentor/Trainee Relationships:

1. Who are some mentors, or expert advisers, you can utilize for your research? How will you go about contacting them?

Collaborative Science:

1. Although your research for this course is individual, there are some benefits to collaboration during the research process. What types of collaboration do you think would be beneficial to your study?
2. IRB approval is required for this course, and done through the district. This is to ensure your participants are protected. Do you think your research could be considered harmful to participants? If so, how can you minimize this harm? Is there any benefit to your participants being part of the study? If so, what benefits?

Human and Animal Subjects:

1. What will you have to do to ensure IBR approval for your study?
2. What are your responsibilities for engaging in human subjects research?
3. Are you using animals in your research? If so, what do you need to do to ensure approval? Can you use any alternatives, like are suggested in the module?

Conflict of Interest and Commitment:

1. Define conflict of interest. How might this affect your research?

Conclusion:

1. Now that you have completed the ethical research training, what will you do to ensure your research meets ethical guidelines?