OU/UNM REU Assessment

Name _____

Number of summers participated in the REU program _____

Number of academic year semesters participated in the REU program _____

To what extent do you feel you can? ? Understand contemporary concepts in your field. ? Make use of the primary scientific research literature in your field(e.g. journal articles)> ? Identify a specific question for investigation based on the research in your field. ? Formulate a research hypothesis based on a specific question. ? Design an experiment or theoretical test of a hypothesis. ? Understand the importance of "controls" in research ? Observe and collect data ? Statistically analyze data. ? Interpret data by relating results to the original hypothesis ? Reformulate an original research hypothesis (as appropriate). ? Relate results to the "bigger picture" in your field. ? Orally communicate the results of research projects. ? Write a research paper for publication. ? Think independently. ?
Make use of the primary scientific research literature in your field(e.g. journal articles)>Image: Scientific research literature in your field(e.g. image: Scientific question for investigation based on the research in your field.Image: Scientific question for investigation based on the research in your field.Formulate a research hypothesis based on a specific question.Image: Scientific question for investigation based on the research in your field.Image: Scientific question for investigation based on the research in your field.Design an experiment or theoretical test of a hypothesis.Image: Scientific question for investigation based on a specific question.Image: Scientific question for investigation based on a specific question.Understand the importance of "controls" in researchImage: Scientific question for investigation based on a specific question.Image: Scientific question for investigation for investigation for investigation for investigation for investigation.Understand the importance of "controls" in researchImage: Scientific question for investigation for investigation for investigation for investigation for investigation.Image: Scientific question for investigation for investigation for investigation for investigation.Understand the importance of "controls" in researchImage: Scientific question for investigation for investigation for investigation for investigation for investigation.Image: Scientific question for investigation for investigation for investigation for investigation for investigation.Interpret data by relating results to the original hypothesisImage: Scientific question for investigation for investigation for investigation for investigation for investigation.Image: Scientific questific question for investigation for in
journal articles)>Image: Constraint of the second system of the seco
Identify a specific question for investigation based on the research in your field. Identify a specific question for investigation based on the research in your field. Formulate a research hypothesis based on a specific question. Image: Design an experiment or theoretical test of a hypothesis. Design an experiment or theoretical test of a hypothesis. Image: Design an experiment or theoretical test of a hypothesis. Understand the importance of "controls" in research Image: Design and the importance of "controls" in research Observe and collect data Image: Design and test of the original hypothesis Image: Design and test of the original hypothesis Statistically analyze data. Image: Design an original research hypothesis (as appropriate). Image: Design and test of the original hypothesis Reformulate an original research hypothesis (as appropriate). Image: Design and test of the results to the "bigger picture" in your field. Orally communicate the results of research projects. Image: Design and test of the test of the test of the test of t
your field.Image: Constraint of the original hypothesis based on a specific question.Design an experiment or theoretical test of a hypothesis.Image: Constraint of the original hypothesis.Understand the importance of "controls" in researchImage: Constraint of the original hypothesis.Observe and collect dataImage: Constraint of the original hypothesisStatistically analyze data.Image: Constraint of the original hypothesisInterpret data by relating results to the original hypothesisImage: Constraint of the original hypothesisReformulate an original research hypothesis (as appropriate).Image: Constraint of the original hypothesisRelate results to the "bigger picture" in your field.Image: Constraint of the original hypothesisOrally communicate the results of research projects.Image: Constraint of the original hypothesisWrite a research paper for publication.Image: Constraint of the original hypothesisThink independently.Image: Constraint of the original hypothesis
Design an experiment or theoretical test of a hypothesis.Understand the importance of "controls" in researchObserve and collect dataStatistically analyze data.Interpret data by relating results to the original hypothesisReformulate an original research hypothesis (as appropriate).Relate results to the "bigger picture" in your field.Orally communicate the results of research projects.Write a research paper for publication.Think independently.
Understand the importance of "controls" in researchImage: Control of ControlsObserve and collect dataImage: Control of ControlsImage: Control of ControlsStatistically analyze data.Image: Control of ControlsImage: Control of ControlsInterpret data by relating results to the original hypothesisImage: Control of ControlsImage: Control of ControlsReformulate an original research hypothesis (as appropriate).Image: Control of ControlsImage: Control of ControlsRelate results to the "bigger picture" in your field.Image: Control of ControlsImage: Control of ControlsOrally communicate the results of research projects.Image: Control of ControlsImage: Control of ControlsWrite a research paper for publication.Image: Control of ControlsImage: Control of ControlsThink independently.Image: Control of ControlsImage: Control of Controls
Observe and collect dataImage: Collect dataStatistically analyze data.Image: Collect data by relating results to the original hypothesisInterpret data by relating results to the original hypothesisImage: Collect data by relating results to the original hypothesisReformulate an original research hypothesis (as appropriate).Image: Collect data by relating results to the original hypothesisRelate results to the "bigger picture" in your field.Image: Collect data by relating results of research projects.Orally communicate the results of research projects.Image: Collect data by relating results of research projects.Write a research paper for publication.Image: Collect data by relating results.Think independently.Image: Collect data by relating results.
Statistically analyze data.Image: Constraint of the constra
Interpret data by relating results to the original hypothesisImage: Constraint of the original hypothesisReformulate an original research hypothesis (as appropriate).Image: Constraint of the original hypothesisRelate results to the "bigger picture" in your field.Image: Constraint of the original hypothesisOrally communicate the results of research projects.Image: Constraint of the original hypothesisWrite a research paper for publication.Image: Constraint of the original hypothesisThink independently.Image: Constraint of the original hypothesis
Reformulate an original research hypothesis (as appropriate). Image: Construct of the search hypothesis (as appropriate). Relate results to the "bigger picture" in your field. Image: Construct of the search hypothesis (as appropriate). Orally communicate the results of research projects. Image: Construct of the search hypothesis (as appropriate). Write a research paper for publication. Image: Construct of the search hypothesis (as appropriate). Think independently. Image: Construct of the search hypothesis (as appropriate).
Relate results to the "bigger picture" in your field.Image: Constraint of the second seco
Orally communicate the results of research projects. Image: Communicate the results of research projects. Write a research paper for publication. Image: Communicate the results of research projects. Think independently. Image: Communicate the results of research projects. Image: Communicate the results of research projects. Image: Communicate the results of research projects. Image: Communicate the results of research projects. Image: Communicate the results of research projects. Image: Communicate the results of research projects. Image: Communicate the results of research projects. Image: Communicate the results of research projects. Image: Communicate the results of research projects. Image: Communicate the results of research projects. Image: Communicate the results of research projects. Image: Communicate the results of research projects. Image: Communicate the results of research projects. Image: Communicate the results of research projects. Image: Communicate the results of research projects. Image: Communicate the results of research projects. Image: Communicate the results of research projects. Image: Communicate the results of research projects. Image: Communicate the results of research projects. Image: Communicate the results of research projects. Image: Communicate the results of research projects. Image: Communicate the results of research pr
Write a research paper for publication. Image: Constraint of the second sec
Think independently. Image: Constraint of the second s
Think creatively to solve a research problem.
Work with others to investigate a research problem. =
Discuss ongoing research with colleagues (other students).
Discuss ongoing research with colleagues (professors or graduate
assistants).
Ask questions about things you don't understand related to research.
Interact with others in your field at a professional meeting or
conference.

Demographics

Age _____

Gender: ____ male ____female

Ethnicity: Please mark all that apply: African American Hispanic American Indian Alaska Native Native Hawaiian or Other Pacific Islander Other (please specify) _____

Have you ever been identified as having a disability? Yes No Please share any detail you feel comfortable.

If yes, how could the REU program better accommodate you and your special needs if any.

How did you find out about our REU program? OU's website NSF's REU Site website Word of mouth Announcement in class Other (please specify)

Open Ended Questions:

Please give an example of when you were frustrated in the REU program, and how you overcame it?

Please give an example of something you learned in the REU program that you were (are) really excited about?

When you were in elementary school, what did you want to be when you "grew up"?

When you were in high school, what did you want to be when you "grew up?"

When you entered the REU program, what were you planning for your future career?

How did you change your future plans after participation in the REU program?

OU/UNM REU Assessment

Would you recommend someone else to participate in the program?

Has the program helped you academically? If so, how?

Did you develop any professional skills through the REU, if so, please give an example of what activities fostered the skill?

How might you improve the REU program for future participants?