Summer Intern Goal Planning - 2014

Summer interns, May 16, 2014

In preparation for this summer at the University of Missouri, we would like you to do some reflection on what you hope to gain from this experience (professionally, personally, and scientifically). We hope this will help you establish some goals for yourself and enable you to share these goals with your MU research mentor so that you can get the most from the summer experience. If your time permits, we encourage you to discuss your thoughts and goals with your faculty mentor/advisor at your home institution. We hope to encourage a three-way discussion between you, your MU faculty mentor, and your faculty mentor at your home institution.

The information you provide will be shared with your faculty mentors at Missouri and your home institution. Please bring this completed form with you to the Welcome Dinner on Tuesday night. We will make a copy for our records and then you can use this form when you meet with your MU Mentor on Wednesday afternoon. Thanks!

Part I. Information

MU Faculty Mentor ________________

Student Name ______________________

Home Institution ____________________

Faculty Mentor (at your college) ____________

Faculty Mentor’s Email (your college) ____________

Part II. Your learning goals for the summer

Educational Researchers have developed a list of 21 learning gains that are potential outcomes of a summer research program. They are listed below.

Please put TWO stars next to the top three most important learning goals you have for yourself this summer. Then please put ONE star next to the next three most important learning goals you have for this summer. You should have stars next to a total of six items.

1. Skill in Interpretation of Results
2. Readiness for more demanding research
3. Understanding how knowledge is constructed
4. Understanding the research process
5. Ability to integrate theory and practice
6. Understanding how scientists work on real problems
7. Understanding that scientific assertions require supporting evidence
8. Ability to analyze data and other information
9. Understanding science
10. Ability to read and understand primary literature
11. Understanding how scientists think
12. Clarification of Career Path
13. Tolerance of obstacles in the research process
14. Learning ethical conduct
15. Learning laboratory techniques
16. Skill in how to give and effective oral presentation
17. Skill in science writing
18. Self-confidence
19. Learning to work independently
20. Becoming part of a learning community
21. Confidence in potential as a teacher
Part Three: Open ended questions.
You may respond with professional, personal, or scientific answers…whatever is most important to you.

1. I think my biggest strength/useful knowledge/skill that I bring to the summer experience is….

2. I anticipate that my biggest challenge this summer will be….

3. Another challenge for me will be….

4. I will consider this summer a success if I learn to….

5. I would like regular feedback (~once/week) from my mentor on….

6. Two things you should know about me:

Date form completed by the student ________________

Did you discuss this with your faculty mentor at your home institution/your own college?

    __ no    __ yes, in person    __ yes, by phone    __ yes, by email