

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.

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|-------------------------------------------------------------------------|---------------------------------------------------------|
| 1. Skill in Interpretation of Results | 11. Understanding how scientists think |
| 2. Readiness for more demanding research | 12. Clarification of Career Path |
| 3. Understanding how knowledge is constructed | 13. Tolerance of obstacles in the research process |
| 4. Understanding the research process | 14. Learning ethical conduct |
| 5. Ability to integrate theory and practice | 15. Learning laboratory techniques |
| 6. Understanding how scientists work on real problems | 16. Skill in how to give an effective oral presentation |
| 7. Understanding that scientific assertions require supporting evidence | 17. Skill in science writing |
| 8. Ability to analyze data and other information | 18. Self-confidence |
| 9. Understanding science | 19. Learning to work independently |
| 10. Ability to read and understand primary literature | 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