

Name: \_\_\_\_\_

**Dear REU participants—thank you in advance for filling out this Monster Survey. We are trying to track the impact of our REU program; we are interested in how it affects your career preparation, presentation skills, and specific research skills. Thus, we will conduct both entrance and exit surveys.**

**You**

1. What is the highest educational level attained by your mother or female guardian?
  - a) Grade School
  - b) Some High School
  - c) Graduated from High School or earned G.E.D.
  - d) Some College
  - e) College Associate Degree
  - f) College Bachelor's Degree
  - g) Master's Degree
  - h) Ph.D.
  - i) First Professional Degree (M.D., J.D., D.D.S.)
  
2. What is the highest educational level attained by your father or male guardian?
  - a) Grade School
  - b) Some High School
  - c) Graduated from High School or earned G.E.D.
  - d) Some College
  - e) College Associate Degree
  - f) College Bachelor's Degree
  - g) Master's Degree
  - h) Ph.D.
  - i) First Professional Degree (M.D., J.D., D.D.S.)
  - j) Trade School
  
3. To what educational level do you aspire?
  - a) Some College
  - b) College Associate Degree
  - c) College Bachelor's Degree
  - d) Master's Degree
  - e) Ph.D.
  - f) First Professional Degree (M.D., J.D., D.D.S.)
  
4. Name of your College or University: \_\_\_\_\_
  
5. Your Major(s) or Concentration(s): \_\_\_\_\_
  
6. How many years of college have you completed? \_\_\_\_\_
  
7. Approximate size of your College or University:
  - a) less than 1000 students
  - b) 1000 to 5000 students
  - c) 5000 to 20,000 students
  - d) more than 20,000 students
  
8. Does your college or university have graduate programs in your major? \_\_\_\_\_

9. If yes to question 8, indicate which graduate degrees are offered in your major area

Masters Degree? \_\_\_\_\_ Ph.D.? \_\_\_\_\_

10. Are there opportunities for research at your college? \_\_\_\_\_ If yes, describe the opportunities for research that exist:

### **Application**

11. How did you find out about our program?

\_\_\_\_\_ Saw the poster          \_\_\_\_\_ a Web site          \_\_\_\_\_ received a postcard

\_\_\_\_\_ Faculty member          \_\_\_\_\_ friend

\_\_\_\_\_ Other (describe) \_\_\_\_\_

12. Our deadline of March 1 was ...

\_\_\_\_\_ too early                          \_\_\_\_\_ too late                          \_\_\_\_\_ just right

13. How many other, formal, summer research programs did you apply to? (Feel free to name them if you wish).

14. Do you have any suggestions for improving the application process?

### **Career**

15. Have you ever read a scientific paper from the primary literature?

\_\_\_\_\_No          \_\_\_\_\_yes, 1-3 papers          \_\_\_\_\_yes, 3-6 papers          \_\_\_\_\_yes, >6 papers

16. Which scientific journals do you look at regularly?

17. How often did you attend scientific talks this past semester, Spring, 2004? (departmental seminars, colloquia, etc., not course lectures)

At least once a week                          Several times each semester

Once or twice in a semester                          Never

18. Have you ever attended a scientific meeting? \_\_\_\_ If yes, which meeting and what was your role?
19. If you wanted a letter of recommendation, how many professors know you well enough (from more than just being a student in a lab or lecture course) to write you a strong letter?
20. Do you have a lot of friends who are studying science? (If you answer no, then answer this question: Do you have a lot of friends?)
21. What are three things you are considering doing after you graduate with a BA/BS degree?
22. What are you hoping to accomplish this summer with respect to your career goals?

### **Presentation skills**

23. What types of scientific presentations have you done? Please describe the venue (was it for a class, at a scientific meeting, etc), the form of the presentation (a poster, 20 min talk using slides, 5 min chalk talk, etc), and the purpose of the talk (present research, review literature, “magic show” for 4<sup>th</sup> graders, etc) for each scientific presentation.
24. What one presentation skill do you most want to improve or to learn?

**Scientific style**

25. Have you done research before? If yes, please describe what you did and tell what you most enjoyed or gained from this experience.
26. What characteristics does it take to be a good scientist?
27. Do you know someone who is a scientific role model for you? If so, describe how and why that person is a role model for you.
28. If a non-scientist friend asked you, “what are the three broad areas of chemical investigation,” how would you reply?