

Prospective Researcher Assessment Form

Students Name:

Date:

Graduate Student;

Undergraduate Student;

Major Chemistry

Biological Sciences

Other (specify)

Are you doing research for course credit (4850L)? Yes

No

After graduation will you be seeking:

a research job

non research job

Further education in graduate school

further education in professional school

What is(are) your ultimate career goal(s)?

What if your immediate goals can't be met? (What is plan B?)

Are you planning on medical school?

If Yes, allopathic

or osteopathic

If yes, what makes you think you will be successful at that career path. How will this laboratory experience help you be a better physician?

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What do you consider your finest achievement and why?

On a team or in a group what role do you usually play, leader or follower.

Your group is assigned a task and has fallen behind in achieving that task. How do you respond to the task?

What are you expecting to learn/achieve in a research experience?

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Have you worked in a research laboratory before? If yes, what were your tasks and duties?

How much time do you think you can devote to laboratory work, in terms of months and hours/ week?

Basic Skills Test

Formula weights

Trizma (f.w. = 121.5 gr/M)

Sodium Chloride (f.w. = 58.44 gr/ M)


A 250 ml solution contains 0.3645 grams Tris (Trizma). What is the molarity of the tris in this solution?

How much NaCl, in grams, would you add to this solution to make it 0.75 molar NaCl?

Using a micropipetter pipet 345 μ l H₂O onto a tared balance and record the weight? Repeat three time. What is the average weight you pipetted?

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Describe the hazards you think you will encounter while working in a Lab.



The above responses are genuine and provided in good faith, to the best of my knowledge.

Name:

Date: