

Overall Experience

What is your 6-digit unique identifier?

Which rotations have you completed?

- ☐ Laboratory
- ☐ Virtual

Do you prefer the separation of your work space from your home environment? Please list your primary reasoning (e.g., health and safety, travel)

- ☐ Yes
- ☐ No

Was your current rotation more flexible in working hours than your perception of a "typical" research experience?

- ☐ Yes
- ☐ Equal
- ☐ No

Did your current rotation implicitly encourage you to work more than the suggested 5 hours per week?

- ☐ Yes
- ☐ No

Was your current rotation free from distractions (Y/N)? If yes, please estimate the number of interruptions you experience per hour.

- ☐ Yes
- ☐ No

What other activities did you engage in while doing research (e.g., watching TV, cooking, schoolwork, listening to music)?

Did you experience physical ailments from the research task (e.g., vision fatigue, neck pain)?

- ☐ Yes

☐ No

Rank your physical comfort during this research task, from 1 being extremely uncomfortable to 5 being extremely comfortable.

	1	2	3	4	5
Rank your physical comfort during this research task:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Sense of Belonging

To what extent do you intend to pursue a science-related career?

- ☐ Extremely unlikely
- ☐ Somewhat unlikely
- ☐ Indifferent
- ☐ Somewhat likely
- ☐ Extremely likely
- ☐ Unsure

To what extent do you intend to pursue a research-related science career?

- ☐ Extremely unlikely

- ☐ Somewhat unlikely
- ☐ Indifferent
- ☐ Somewhat likely
- ☐ Extremely likely
- ☐ Unsure

How likely is it that you will pursue a Master's degree in a science field?

- ☐ Extremely likely
- ☐ Somewhat likely
- ☐ Indifferent
- ☐ Somewhat unlikely
- ☐ Extremely unlikely
- ☐ Unsure

How likely is it that you will pursue a Doctoral (PhD) degree in a science field?

- ☐ Extremely likely
- ☐ Somewhat likely
- ☐ Indifferent
- ☐ Somewhat unlikely
- ☐ Extremely unlikely
- ☐ Unsure

Evaluate the following statements:

I have a sense of
belonging to the
scientific community

I derive great personal
satisfaction from
working on a science
team that is doing
important work

I have come to think of
myself as a scientist

The daily work of a
scientist is appealing to
me

Did you attend a lab meeting? What are your biggest takeaways from this experience (with regard to scientific topics, sense of community, confidence in collaboration, etc.)?

Please rate your comfort level in the following tasks:

Answers to the following questions are not shared with your research supervisors, and therefore we encourage you to reach out directly if you are

needing extra help in any of these areas!

Reaching out to fellow
undergraduates [within
your research project]
with questions

Reaching out to
members of the
Todgham Lab [outside
of your research
project] with questions

Ability to comprehend
peer-reviewed literature
relevant to the research
project

Ability to complete
basic laboratory tasks
required for this
research project (using
forceps, microscope,
virtual technology)

Ability to identify
invertebrate samples in
this research project

Ability to teach a peer
how to conduct this
research

Please rank the below topics in order of importance for your sense of belonging throughout the experience.

Interactions with colleagues outside of this research task

Lab Meeting - Professional Development Presentation

Lab Meeting - Journal Club

Research Task

Lab Meeting - Graduate Student Presentation

Informal conversations with lab colleagues (e.g., Slack)

Formal conversations with lab colleagues (e.g., email)

Research Skills

Based on your experience from this rotation only, what research questions are you interested in pursuing with the data and/or samples available?

Research Question
1

Research Question
2

Research Question
3

What types of support have you sought out from peers and lab colleagues in your current rotation?

☐ Identification of invertebrates

☐ Use of microscope

- ☐ Use of virtual interface
- ☐ Interpreting scientific literature
- ☐ Logistics (scheduling, access)
- ☐ Discussion of new research ideas
- ☐ Mentorship (i.e., career advice)
- ☐ Other

What is the most valuable research skill you have gained from this rotation?

What skills and/or experiences have you gained from participating in this project?

- ☐ Technical skills in-lab (e.g., microscope use, invertebrate ID)
- ☐ Technical skills virtual (e.g., invertebrate ID, data entry)
- ☐ Interpreting scientific literature
- ☐ Making connections with other undergraduates
- ☐ Making connections with graduate students, postdocs, and faculty
- ☐ Becoming part of the scientific community
- ☐ Increasing confidence in independent research skills
- ☐ Other

How many times have you reached out to peers for support (e.g., a full conversation over Slack or email) **during the past two weeks?**



Which experience offers more valuable skills?

- ☐ Equal
- ☐ Virtual
- ☐ Laboratory

Which experience do you prefer?

- ☐ Virtual
- ☐ Laboratory
- ☐ No preference

Are laboratory and virtual research experiences equal in value for your future career? Please evaluate this based on COVID-restricted laboratory experiences (e.g., reduced time working with colleagues)

Are laboratory and virtual research experiences equal in value for your future career? Please evaluate this based on "normal" laboratory experiences (e.g., full time working with colleagues)

Which experience, virtual or laboratory, would you recommend to a peer and why?

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