

Current overall GPA: _____

STEM GPA: _____

List previous work or research experience:

Tell us about your **research interests and career goals** (include any past lab or research experience, if applicable and what you hope to gain by participating in the summer undergraduate research experience, attach another page if necessary):

Please see the list of participating faculty on the website:

Students will be paired with mentors based on students' research interests. Please choose your top three mentors:

Mentor 1:

Mentor 2:

Mentor 3:

Also, provide the names of two references. **Ask your references to send their reference letters by email to dbrown@trudeauinstitute.org by the application deadline.**

1. _____

2. _____

Please take this brief survey on research techniques, it's ok if you've never done a lot of these techniques, you will learn many of them during the summer program.

Indicate how many times you have performed the following:

Micropipetting:

never once or twice sometimes I do it all the time

Buffer Preparation:

never once or twice sometimes I do it all the time

Mammalian Cell Culture

never once or twice sometimes I do it all the time

Microbial Cell Culture

never once or twice sometimes I do it all the time

Flow Cytometry

never once or twice sometimes I do it all the time

Fluorescence Microscopy

never	once or twice	sometimes	I do it all the time
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Histology

never	once or twice	sometimes	I do it all the time
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Microplate Reader Operation

never	once or twice	sometimes	I do it all the time
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Gel Electrophoresis

never	once or twice	sometimes	I do it all the time
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Real time PCR

never	once or twice	sometimes	I do it all the time
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Transfection:

never	once or twice	sometimes	I do it all the time
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Transformation:

never	once or twice	sometimes	I do it all the time
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Rodent Restraint

never	once or twice	sometimes	I do it all the time
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Injections

never	once or twice	sometimes	I do it all the time
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