



Trudeau Biomedical Research Scholars Program Application 2024

The Program Benefits:

Undergraduate students selected to participate will receive 15-credit hours to engage in a semester long research experience at Trudeau Institute. This program is an immersive 15-week program in which Scholars receive didactic training in immunology and microbial pathogenesis, experimental design, biosafety and animal care, scientific ethics and professional development. In addition, Scholars will receive hands-on training in core facilities such as microscopy and flow cytometry as well as conducting cutting edge infectious disease research with leading experts in the field. Scholars have a competitive advantage in the application process for graduate and professional school; and many have gone on to successful biomedical research careers.

Application Process (due Jan 22, 2024):

Fill in your personal information, including your university, academic major and minor (if applicable), courses taken, and grades earned in those courses. Alternatively, you may attach an unofficial copy of your transcript. Attach a statement describing your interest in research and career goals. Please fill out the short survey on laboratory techniques on the third page of this application. Send the application and arrange to have two letters of reference sent to Deb Brown: dbrown@trudeauinstitute.org

_____Permanent Address:_____

Personal Information:

Name:

Phone #:	e #:Email:			
Current University		Major		
Minor	Graduation year			
Relevant Science Courses	Taken:			
Course	Grade	Course	Grade	

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 Trudeau Biomedical Research Scholars Program, attach another page if necessary):

	Please indicate h	now many times	you have performe	ed the following:
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Please indicate how ma	ny times you have perfo	rmed 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 Microscop never	once or twice	sometimes	I do it all the time
<u>Histology</u> never	once or twice	sometimes	I do it all the time
Microplate Reader Oper never	ation once or twice	sometimes	I do it all the time
Gel Electrophoresis never	once or twice	sometimes	I do it all the time
Real time PCR never	once or twice	sometimes	I do it all the time
<u>Transfection:</u> never	once or twice	sometimes	I do it all the time
<u>Transformation:</u> never	once or twice	sometimes	I do it all the time
Rodent Restraint never	once or twice	sometimes	I do it all the time

<u>Injections</u>			
never	once or twice	sometimes	I do it all the time
Also, provide the	names of two references. Ask	your references to send	their reference letters by email
to dbrown@trud	<u>eauinstitute.org</u> by the applic	ation deadline.	•
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