

UW Institute for Stem Cell and Regenerative Medicine (ISCRM) UW Bothell Summer Research Program

UW Institute for Stem Cell and Regenerative Medicine (ISCRM) UW Bothell Undergraduate Summer Research program is a competitive fellowship intended to enhance the educational experience of an undergraduate student at UW Bothell while they are engaged in research guided by UW ISCRM faculty. We hope that with this research fellowship, a student may focus more attention and time, deepening their inquiry into a discipline and project with a reduced financial burden. In 2024, three students will receive a \$6,000 award to pursue research in a discipline pertaining to regenerative medicine. Six of nine previous fellows have received further funding (Mary Gates Scholarship, Washington Research Fellowship etc.) to continue their research.

ISCRM is located in Seattle's South Lake Union. Please go to [this link](#) to see the kinds of research that is done at ISCRM. It is a phenomenal place—beautiful, state-of-the-art, filled with energetic, amazing, inspiring scientists. Soon, you might be there too!!

How to find out more about the program:

1) Come to a Q/A Zoom session and hear about the program from previous UW Bothell ISCRM fellows. It will be held at 7 pm on Wed, March 12th. Zoom link: <https://washington.zoom.us/j/91697341938>

If you were unable to attend the zoom session, here is a [link](#) to the recording for you to learn more from past recipients.

2) Read a [UW Bothell news story](#) about the 2021 fellows.

3) Read an [ISCRM news story](#) about the broader summer program and one 2022 UW Bothell fellows.

Essential Eligibility Requirements

- Applicants must be matriculated UW Bothell undergraduate students registered full time, pursuing a bachelor's degree. This fellowship is open to U.S. citizens, international students, and undocumented students.
- Once awarded, recipients must be actively engaged in their research from June 16th – August 21st and remain full-time undergraduate students for at least one year after the award period.
- Applicants do **not** need to be already engaged in research to be eligible to apply.

Preferred Attributes

- Applicants have *recently completed BBIO200 or BBIO220 by the start of the fellowship* and are early in their biology undergraduate studies.
- Applicants come from backgrounds not traditionally represented in regenerative medicine.

Program Expectations

- Fellow will work full time in an ISCRM Lab from June 16th – August 21st. This is at least 40 *hours per week* working/researching/learning in an ISCRM lab.
- Fellow will not take summer classes, allowing them to focus on their ISCRM research. Students can petition for it to be counted as the investigative biology requirement.
- Fellow will not work another job during this time or will be willing to restrict hours considerably to focus on their ISCRM research.
- Fellow is required to attend a weekly science class during the fellowship and present at the ISCRM Undergraduate Research Symposium at the end of the 10-week program.

- If the fit with the lab is mutually beneficial and finances allow, fellows are encouraged to continue to engage in research beyond the summer in a way that allows them to balance classes/other work/other life responsibilities. Six out of nine previous fellows have continued to work in their ISCRM lab for the remainder of their college career and the other three pursued research in another lab in the Seattle area..
- Fellow will present their research at the UW Bothell School of STEM Symposium no later than Spring 2026.

Responsibility of the Program to the Fellow

- UW Bothell Program Facilitator will help find a suitable ISCRM lab to join.
- UW Bothell Program Facilitator will check in with fellow during the summer to ensure a productive, supportive working relationship with ISCRM lab.
- UW Bothell Program Facilitator will review papers and scientific concepts with fellow to ensure an understanding of the science.
- Fellow will work closely with a graduate student, post doc, or PI furthering a specific project.

Timeline of Application Process

- Application call initiated Wednesday, March 5th.
- Optional Zoom Q/A session at 7 pm on Wednesday, March 12th. [Zoom link](#).
- **Application deadline Sunday, March 30th.**
 - Email applications and questions to bdwhite@uw.edu
- First round candidates interviewed via Zoom April 10-12.
- Decision conveyed to candidates 4th or 5th week in April.
- Work in lab starts June 16th, and some communication with lab may start in late spring quarter.

UW Bothell/ISCRCM Summer Research Fellowship Application

- 1) Name:
- 2) Pronunciation of name:
- 3) Preferred pronouns:
- 3) NETID:
- 4) Student ID #:
- 5) Email:
- 6) Phone: Do you accept texts (not required):
- 7) Unofficial transcript: (This is more to see the classes you have taken than your GPA. There is not a GPA cutoff.)
- 8) When did you/will you finish BBIO220?
- 9) When do you anticipate graduating (quarter and year)?

10) Please answer the following questions. Total page length for these five questions (a-e) should not be more than 3 pages.

- a) Pick something you like about cell biology, molecular biology, or physiology. Why do you like it? Explain it in a way that might persuade me to like it too.
- b) Give an example of when a biology topic or observation (this time any topic in the natural world) during your time at UW Bothell got you excited and curious. Did you do anything explore that topic more? If so, what did you do and how did it make you feel?
- c) What are your motivations for engaging in research generally? In research about stem cells and regenerative medicine?
- d) How does this work contribute to your career objectives?
- e) Are there any unique circumstances or obstacles you have overcome in obtaining your education, and/or how you would contribute to diversity and belonging in the ISCRM UW Bothell program? (optional but strongly encouraged).

11) Look at the research aims of faculty at ISCRM. You can either [look at faculty labs by research topic](#) or a [list of all faculty](#).

- a) List six labs that are of interest to you. It can be overwhelming to decide, but give it a shot.
- b) For each of the six labs, briefly explain why you were drawn to the lab. It could be because of the topic, something about the primary investigator, or anything else that piqued your interest.

This list is not binding, can be changed, and ISCRM cannot guarantee that you will work in one of these labs. We will hone this list together if you are chosen as a fellow.