



Cross-Disciplinary Science Institute at Gettysburg College

APPLICATION FOR SUMMER RESEARCH – SUMMER 2022

For those interested in applying for the 2022 X-SIG summer research program, we will hold an info session about the program and the application process on Tuesday, February 1 at 4:00 p.m. in Mara Auditorium (Masters 110).

Note that the program is subject to possible constraints relating to the COVID-19 pandemic. If you are considered for a position in the program, we will keep you informed about any situations that may affect your participation.

The Cross-Disciplinary Science Institute at Gettysburg College (X-SIG) offers a summer research program **which is open to rising sophomore, junior and senior Division 3 majors**. The length of the specific research experience is full time for 8 weeks. The stipend is \$4,000. Research positions will be conducted on-campus and in-person. Housing for the summer program is provided by the College at no cost. Note that this summer research position is considered full-time and that any other jobs (on or off-campus) should not interfere with your responsibilities to the X-SIG summer program. X-SIG programming begins May 23rd, but the start date for individual research groups is up to the discretion of individual mentors. As part of the X-SIG summer research program, students are required to attend weekly brown-bag lunches and several evening panel or round-table discussion events and are encouraged to attend other X-SIG sponsored events, both during the summer and academic year. For remote students, there will also be a programming component, format to be determined. Additionally, all students will present a poster at Family Weekend in the fall following their summer research (students abroad in the fall semester must present in another venue, such as Celebration).

Due to various constraints (budget and faculty capacity to take on students), we will not be able to accommodate every applicant. The application process to any research program is competitive so we suggest that you explore alternatives in case you are not awarded an X-SIG position.

What research projects are available on campus? A document outlining the research projects of faculty participating in the program can be found at – <https://www.gettysburg.edu/offices/cross-disciplinary-science-institute/summer-research-fellowships/> or attached to the announcement e-mail. Read this document carefully as preferred criteria may be listed for certain research groups.

Depending on your interests and current involvement in research, figure out what research is most interesting to you (typically in your own department, but this may vary depending on your interests and that of the faculty member) and meet with the sponsoring faculty member to discuss projects and other details about the program such as specific projects, any off-campus travel, etc. Once you have spoken with those faculty members, list your preferences (you may list your top three potential faculty sponsor choices) for summer research projects/advisor.

We want to know whether you have applied for research positions at other institutions. However, answering in the affirmative DOES NOT decrease your chances of securing a position on campus, but it provides us with useful data. If you do accept a summer research position elsewhere, let us know immediately so that we can accommodate other students.

Please note that you should meet with all of your potential faculty research mentors prior to filling out and submitting the form.

APPLICANT NAME: _____

STUDENT ID: _____

MAJOR: _____

CLASS YEAR: _____

Have you previously participated in the X-SIG Summer Research Program? _____ Yes _____ No

Are you a student from a group underrepresented in your major's field (this has a number of definitions and could include being a first generation college student in any major, a woman in physics, mathematics, or computer science, among other things)?

_____ Yes _____ No _____ Choose not to answer

Are you also applying for summer positions off-campus? _____ Yes _____ No

If yes, list the places to which you are applying:

If you are a rising senior, what are your post-graduation plans? _____

What is your motivation for undertaking summer research at Gettysburg College? What benefit do you see a summer research experience providing to your career plans after Gettysburg College?

After reviewing the project descriptions and determining which are of interest, request appointments to talk to those faculty research mentors – either in-person or via Zoom. *After* you meet with all of them, rank the names of your top choices in the spaces below:

FIRST CHOICE _____

I have met with the faculty mentor listed above. _____

SECOND CHOICE _____

I have met with the faculty mentor listed above. _____

THIRD CHOICE _____

I have met with the faculty mentor listed above. _____

This year, our application will be completed electronically and submitted to [Kristi Waybright](#). The due date for all applications is February 14th and is a **firm deadline**. If you have any questions about the application process or the application itself, reach out to the X-SIG Coordinator, Shelli Frey (sfrey@gettysburg.edu), or our administrative assistant, Kristi Waybright (kwaybrig@gettysburg.edu).

Students will be notified via email of their acceptance into the research program on/around February 28th.