Cross-Disciplinary Science Institute at Gettysburg College

APPLICATION FOR SUMMER RESEARCH – SUMMER 2021

We currently plan to hold our Summer 2021 research program on-campus and strongly encourage you to apply. Please be advised, however, that operation of the program is contingent on administration approval and subject to possible constraints related to the COVID-19 pandemic. If you are chosen 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. Though the majority of the research positions are on-campus and in-person, some are planned to be remote; please discuss this with potential faculty research mentors. If your project is on-campus, 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. The program normally starts the week after graduation, but that may be negotiable with 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.

This year's application form is electronic and can be found here. Please review the below information as it details what is asked on the application and note that you should meet with all of your potential faculty research mentors prior to filling out 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_____

SECOND CHOICE_____

THIRD CHOICE _____

This year, our application is electronic and can be found **below**. The due date for all applications is March 1st. 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).

X-SIG SUMMER RESEARCH APPLICATION

Students will be notified of their acceptance into the research program on/around March 8th.