

The National Cancer Institute's Integrative Cancer Biology Program

2013 Summer Cancer Research Fellowships/Internships

Research Experience for Undergraduates: sophomore, junior and senior level students

Program Description

The Summer Cancer Research Fellowship/Internship program provides a unique opportunity for sophomore, junior or senior undergraduate students to engage in innovative integrative biology approaches to cancer research through the National Cancer Institute's (NCI) Integrative Cancer Biology Program (ICBP). The ICBP, composed of multi-disciplinary Centers across the United States, focuses on the analysis of cancer using systems biology approaches. Researchers within each ICBP Center utilize the integration of experimental biology with mathematical and computational modeling to gain new insights into the biology and management of cancer.

Selected student participants are paired with a faculty-mentor from a participating ICBP Center based on the student's indicated research interests. Through mentored research projects, faculty lectures, seminars, discussions and other activities, the student gains both an understanding and appreciation of major questions currently under investigation and the novel research approaches being used within the ICBP Centers.

The program begins June 3, 2013 and ends August 2, 2013. Note: some ICBP Centers have modified start/end dates based on the individual Center institution's summer calendars.

Travel, Stipend and Housing

Participants receive a travel allowance up to \$600 (total) for travel to the paired ICBP Center at the beginning of the program and return travel home at the end of the program. Participants receive a stipend of \$3,300 for the summer program. Housing accommodations, up to \$100 per night, are arranged by each ICBP Center.

Eligibility

Application to the ICBP Summer Cancer Research Fellowship/Internship program is open to students *currently enrolled, at the time of application, as a sophomore, junior or senior* in an accredited college or university located in the continental United States. An applicant must live in the United States and be a United States citizen or hold a permanent resident visa to be eligible to apply. Priority will be given to students who have at least a 3.0 GPA computed over the last three semesters and who have successfully completed relevant course work in the areas of biological, chemical, physical, computational, mathematical or statistical sciences, or engineering. Students will be selected on the basis of their academic record, statement of interest, and faculty recommendations. Students from under-represented minority groups and women are encouraged to apply.

For more information including project descriptions and the online application, visit:

<http://icbp.nci.nih.gov/education-and-outreach/summer>

Submission of Applications

Online applications (<https://ncifrederick.cancer.gov/careers/icbp/>) will be accepted beginning **Monday, December 3, 2012**. The online application is the only format accepted by the NCI - ICBP Summer Cancer Research Fellowship/Internship Program. The deadline for submission of applications is **Tuesday, January 22, 2013**. Two completed faculty recommendations must be received no later than **Tuesday, January 29, 2013** for the application to be considered complete.

Inquiries regarding the 2013 Summer Cancer Research Fellowship/Internship Program may be directed to:
Betty Tarnowski, Ph.D., Division of Cancer Biology, National Cancer Institute, tarnowsb@mail.nih.gov