



2017 SUMMER RESEARCH INTERNSHIP

Description of Program:

The Summer Research Internship (SRI) is a ten-week program designed for undergraduate college students interested in the medical field and biomedical research. This program is offered by The Queen's Medical Center's Office of Research & Development in collaboration with the University of Hawaii - John A. Burns School of Medicine (JABSOM), Department of Native Hawaiian Health. The SRI has five components: 1) didactic research education, 2) participation in a research project, 3) clinical job shadowing, 4) tours of medical school and various medical facilities, and 5) medically relevant cultural experiences. At the end of the program, students will write a final report and present their research to their peers, research mentors and family.

Eligibility Requirements:

To be eligible to apply for the SRI program, students must meet the following requirements:

- Enrolled as an undergraduate student in an accredited college or university (students graduating in Spring 2017 are still eligible)
- State of Hawaii resident
- Minimum 3.3 GPA or higher
- Able to commit full-time during the 10-week program i.e. 40 hours per week between the hours of 8a.m. to 5p.m.

Program Dates and Commitments Expected from the Student:

The SRI program will run from June 5 to August 11, 2017. Student interns should be available to begin the program on June 4 and be present for the entire ten weeks. All positions are voluntary; interns will not be hired as employees of The Queen's Medical Center. Interns will receive a stipend of \$2,000 upon successful completion of all the components of the SRI program, which includes but is not limited to, attending an orientation, completing relevant training courses, participating in required lectures and other internship activities, completing research project goals, delivering a final presentation and providing evaluations of the program through online surveys.

Transportation and parking arrangements are the responsibility of the intern. The internship activities will require travel to and from The Queen's Medical Center and JABSOM as well as off-site locations.

An *optional* cultural excursion to a neighbor island will likely be offered. All travel-related expenses will be the responsibility of the intern.

Interns are expected to dress, speak, and conduct themselves in a professional manner at all times during the internship.

Research Education and Experience:

Each intern will be matched to a Principal Investigator (PI) and a biomedical research project, usually a pilot study. Every effort will be made to consider the intern's interests and qualifications when assigned to a project.

Interns are required to attend the research education curriculum, which includes weekly formal and informal lectures, workshops, and group seminars. These sessions will be helpful when working directly with the PI. Interns will be given instructional support on the following tasks that are typically performed in a research project:

1. Conduct a literature review and summarize the findings. This serves to familiarize the student with the current state of knowledge as well as to provide a basis for the introduction and discussion sections in the final poster presentation and (optional) paper.
2. Critically design and review the data collection instrument and study protocol. This procedure must be well thought out in order to obtain the information necessary to answer the research question(s).
3. Assist in collecting study data by reviewing medical records, interviewing or testing patients, or other means.
4. Develop a computer database or continue one already established; enter and validate data.
5. Analyze data, apply appropriate statistical tests and interpret the results.
6. Prepare a final report including the documentation of study methods, analysis of findings, and sufficient information that the project may be continued or interpreted following the student's exit from the program.
7. Present research subject matter, hypotheses, and results to an audience of health care professionals and non-professionals, using appropriate audio-visual aids.

Interns will work closely with their assigned PI on the research project; the duties to accomplish the specific project may vary. Each intern is responsible for coordinating and carrying out his or her assignments to fulfill the project objectives, under the direction of the PI. Interns will complete a written project report describing their work and present their findings at a reception held during the last week of the program.

For questions or additional information, contact:

Phone: (808) 691-4121

Email: SRI@queens.org

Website: <http://ord.queens.org/sri/>