



GLOBAL HEALTH/SCIENTIFIC CAPACITY BUILDING INTERNSHIP

The Alliance for Global Health and Science seeks 2 student interns to help develop and execute a series of workshops focused on laboratory techniques and bioinformatics in Kampala, Uganda in the summer of 2020. Interns will assist in developing three 2 week-long wet lab workshops in metagenomics, tissue culture/immunology, and protein purification in conjunction with faculty and student assistants. The curriculum and protocols have been largely developed and may have to be adapted in response to last year's feedback. The interns will work with faculty and student assistants to test all protocols first in the US and subsequently on the ground in Uganda during the month leading up to the workshop.

Responsibilities include:

- Working with workshop faculty and student assistants to test all workshop protocols during the Spring of 2020 at UC Berkeley and UCSF
- Responsible for timely ordering and shipping of all workshop supplies to Uganda
- Establish a Gantt chart for each workshop, communicate deadlines for ordering, finalization of workshop protocols and writing of protocol booklets to faculty and student assistants; identify and help eliminate obstacles
- Travel to Kampala Uganda ~2-3 weeks prior to the workshop to test all workshop protocols and troubleshoot procedures in coordination with student assistants and workshop faculty
- Prepare all stock reagents necessary for workshop protocols; ensure that each workshop has all necessary reagents and supplies ready to go on each day of the workshop
- Be available as a "floater" to troubleshoot problems as needed during the workshop and assist in teaching, if necessary
- Communicate potential issues or delays in a timely manner to stakeholders affected and CEND leadership

Requirements for the position are:

- Significant experience with wet-lab skills in at least one area: protein purification, basic techniques in molecular biology, tissue culture
- Availability during the Spring semester – timing of the work is flexible, but it is estimated that the position will entail 1-10h per week
- Ability to travel to Kampala Uganda and work full time ~July 10-August 7 2020
- Interest in teaching and scientific capacity building
- Excellent interpersonal and coordination skills, team player
- Self-motivated, ability to work with minimal supervision

Preferred qualifications:

- Experience as a GSI or student assistant

- Experience with bioinformatics and computer programming
- Previous international experience

Compensation & Additional Information:

- Interns will be compensated at the rate of Student Asst. 4 (4919), between \$18 and \$25 per hour depending on experience. This position does not include benefits.
- Interns will be fully compensated for all work-related expenses, through reimbursement or purchasing via the university, including vaccinations and health-related expenses, round trip air ticket to Uganda, accommodation, and daily expenses during travel to Uganda.
- Interns will be supervised by CEND Executive Director Dr. Julia Schaletzky and Alliance scientific advisor Dr. Sarah Stanley during the Spring semester, and Alliance program manager Isabelle Charles during the weeks leading up to the workshop. Interns are expected to report with updates directly to Dr. Schaletzky and Dr. Stanley on scientific progress throughout the workshop during Spring semester and while in Uganda.

If you are interested in this position, please e-mail your resume, cover letter, and a list of 2-3 references to Intern_.a59g60cpxu4mgpc@u.box.com , and cc Isabelle Charles at i.m.charles@berkeley.edu

Applications will be reviewed on a first-come, first-serve basis, and the position will start as soon as possible.