GLOBAL HEALTH/SCIENTIFIC CAPACITY BUILDING STUDENT ASSISTANT POSITION

The Alliance for Global Health and Science seeks a volunteer student assistant to help organize a workshop on laboratory techniques in immunology and tissue culture in Kampala Uganda in the summer of 2020. The student assistant will aid in developing a 2 week-long wet lab workshop in conjunction with Associate Professor Sarah Stanley, a student assistant located on the ground at Makerere University in Kampala, and 2 Alliance interns who will be US based during the Spring of 2020. The professor and student assistant will be primarily responsible for the conceptual development of the workshop protocol, and in ensuring that the Alliance interns are fully supported in their role of vetting all protocols first in the US and then on the ground in Uganda during the month leading up to the workshop.

Responsibilities of the position include:

• Working with faculty to develop a 2 week-long workshop based on the analysis of human samples and tissue culture specimens
• Train Alliance interns in required techniques for the workshop
• Aid in troubleshooting and optimizing protocols
• Primary responsibility for developing a detailed protocol and workbook to provide students to accompany the workshop
• Aid the professor in teaching the workshop in Kampala; some independent teaching may also be required
• Together with the professor, ensure that the intern is well prepared to practice the protocol and prepare and required reagents in Kampala prior to the initiation of the workshop.
• Ensure smooth coordination during the workshop between Alliance staff, interns, the professor, and workshop students.

Requirements for the position are:

• Significant experience with tissue culture techniques
• Experience with basic skills in immunology and molecular biology including flow cytometry, ELISA, qPCR
• Ability to read primary literature and assist in leading journal clubs during the 2-week workshop
• Availability during the Spring semester – timing of the work is flexible, but it is estimated that ~40h of work will be required in total.
• Ability to travel to Kampala Uganda and work full time July 27-August 7 2020
• Interest in teaching and scientific capacity building
• Experience as a GSI or student assistant
• Excellent interpersonal skills, desire to work as part of a team

If you are interested in this position, please e-mail your resume, cover letter, and a list of 2-3 references to Grad_St.1h98yjfwry06w7@u.box.com

Applications deadline is January 31st, 2020 and the position is expected to start late February or early March. For questions about the position or the Alliance, please contact Isabelle Charles at i.m.charles@berkeley.edu