



November 19, 2013

Student Internship Announcement

Hui o Ko'olaupoko (HOK) is a 501(c) 3, non-profit organization with a mission to protect ocean health by restoring the 'āina: mauka to makai. Throughout our region of focus, the Ko'olaupoko moku (Makapu'u to Kualoa) or "windward Oahu," land-based pollution is a leading threat to ocean health. HOK works to protect resources through community based watershed restoration and implementation of on-the-ground projects to directly address watershed and water quality issues. HOK works in partnership with local stakeholders, including interested citizens, non-governmental organizations, government, educational institutions and businesses while using sound ecological principles, community input, and cultural heritage. HOK's projects include riparian restoration, storm water management and low impact design. Visit www.huihawaii.org to learn more about HOK and our projects.

Low impact development (LID) and low impact retrofits (LIR) are innovative design strategies that mimic natural systems, aimed at reducing pollution entering streams and oceans by intercepting storm water at the source. A rain garden is a type of LID/LIR which works to capture, infiltrate and treat storm water runoff onsite. HOK has established a robust rain garden program and has successfully installed a number of rain gardens at various locations within the Ko'olaupoko moku.

The use of LID/LIR and rain gardens is gaining traction throughout the state as an effective means of managing storm water and mitigating the effects of non-point source pollution. A variety of government, non-government and private organizations across the country have created websites, such as a "Rain Garden Registry," which allows individuals or organizations to upload their projects onto an online database that houses information about LID/LIR and rain garden projects. HOK is interested in establishing this type of website not only for our own use, but hopefully for the use of other organizations across the State. See <http://www.raingardenregistry.com/> for an example of what we are aiming to create.

HOK is looking for a student intern to work with HOK staff to develop this website/database, which would include basic location information (address and associated map data), project specs, pictures and video, as well as a forum for asking question and providing community feedback. Although the student intern will focus their time on website/database development, student interns are also encouraged to participate in HOK's other restoration and storm water management projects to see how their work is assisting our on-the-ground community projects.

This is an unpaid internship opportunity. HOK is flexible and able to work with the student to develop a work schedule that accommodates the student's class schedule.

Ultimately this internship is a wonderful opportunity for a student in the computer science or geography/GIS program to adopt an important community project need into their current studies and research project requirements. Ideally, this student would be interested in applying their computer science or geography/GIS degree within the non-profit or environmental sector to help find solutions that will address natural resource management and conservation projects in Hawaii.

For more information please contact Annie Lovell at annie@huihawaii.org or 808-258-2662.