

Part-term, short-term paid internships with Friends of Five Creeks

Friends of Five Creeks, a 25-year-old volunteer group working for urban creeks, nature, and citizen involvement from Berkeley to Richmond, offers **part-time, short-term paid internships to folks planning to pursue environmental careers or further training**. We offer hands-on, real-world experience and achievement on flexible schedules. We are especially interested in interns with varied backgrounds and real financial challenges.

Basics of our general internships are described here. These focus on hands-on restoration work and leading volunteers, though they can involve a broad range of projects, including outreach and various forms of monitoring and citizen science. Independent projects are a possibility.

For spring and summer 2022, we also seek interns with creativity and skills needed to carry out innovative projects related to drought and climate change:

- Someone with GIS and related experience, as well as access to applications, to convert Arc-GIS files made before 2015 into current formats, making it possible to add the information to the Calflora plant database and generate information useful in planning vegetation management and fire-hazard reduction.
- One or more people to plan and set up a low-cost, easy-to-use system to monitor and record changes to local shorelines. Information should include at least erosion or accretion, and if possible flooding and vegetation changes such as death due to saltwater. This system should be usable by educated citizens, including interns without special skills, with equipment costing at most a few thousand dollars. Techniques could include photo monitoring, scheduled observations, use of satellite images, and accurate GPS mapping.
- One or more people to design and implement a system to monitor and record changes to local creeks and habitat, especially salmonid habitat, as a result of intermittency and storm flows. This system should be usable by educated citizens, including interns without special skills, with equipment costing at most a few thousand dollars. Techniques could begin with photo monitoring, scheduled observation, and use of standard protocols for measuring pools and other features. Water characteristics including flow, temperature, conductivity, and dissolved oxygen could be added.

These projects require basic knowledge, eagerness to learn, creativity, imagination, ability to work independently and with others, and willingness to deal with real-world complexities and limitations. They could be useful for classes, theses, publications, and building a CV.

If you are interested, please email f5creeks@gmail.com with some information about your abilities, experience, and interests.