

Global Health

Practical Solutions for Health Equity Worldwide

Venue: Eaton Hall, Seattle Pacific University

Global Health is the intersection of science, policy, and human rights. The result is health equity – making sure that everyone has the best opportunity to be as healthy as possible, no matter where they were born, their background or gender. Knowing that the problems global health addresses are complex and multifaceted, students will be given a toolbox of knowledge and learn how to apply the concepts when facing any health challenge. Inherently, the field of global health was created to address health deficits in under-resourced countries, but students will learn how the concepts can be applied universally and across fields, providing a new way to think about and tackle problems.

During this camp, students will use scientific techniques and labs to learn information related to global health outcomes and how people can be affected differently based on their community, including demographics, poverty level, and cultural norms. There will also be hands-on activities simulating challenges found when working in the field and students will apply critical thinking to complex problems. The week will start with a general overview of what global health is, the impact throughout history, and some labs will be set up, which will be observed throughout the week. We will examine the effects of ocean acidity on the food system, learn how to test for bacteria after a disaster, explore the saponification process and the effect on communicable diseases, and the way vaccines and supplements can impact viruses and parasites at the molecular level. The knowledge gained throughout the week will culminate in a student led project that addresses a global health issue of their choosing.