

Getting Involved with EWB Professional Partners

There are many ways in which you can volunteer with EWB. Each position has varying levels of time commitment depending on how much time and interest you have.

Volunteer Activity	Time Commitment	Description
Quality Control of Final Design	5-10 hrs/month	Perform technical review the final project designs before the projects are implemented. This volunteer opportunity provides a way for engineers to see the final design before it is installed in country. Some projects may require a PE for final approval.
Project Liaisons	1-10 hrs/month	These professionals oversee a student project. Project Liaisons will check mentor's qualifications prior to the mentor working with a student design team, and will review project teams and make sure the proper training and technical expertise are available for the projects. Liaisons will suggest training possibilities and possibly organize professionals to work with the project. They will also verify that all professional and student team members are members of EWB and that all necessary paperwork is turned in on time for the project.
Mentors for Student Projects	10-15 hrs/month	This is the most time consuming volunteer activity, but it can also be the most rewarding. It requires 10 -15 hours a month during a two semester design process to work with the student team. The mentor must guide the students in the design process and ensure that all relevant issues of the project are addressed. Each project is unique and most begin in the fall semester. During winter or spring break it is often necessary for the mentor to make an assessment trip to the country for about a week. The mentor usually accompanies the group on the implementation trip in the country for 2-3 weeks at the end of the spring semester. The mentor is responsible for making sure all administrative logistics are completed (i.e. vaccinations, plane tickets, lodging, obtaining peer review from EWB)
Technical Advisory Committee (TAC) Member (Colorado Only)	5-30 hrs/month	The TAC reviews all projects at several stages. All new projects are first reviewed for suitability, and then viable projects are assigned to student chapters. The TAC also reviews project plans prior to assessment trips, and gives final approval to projects prior to implementation. Each project requires 5-10 hours per month. Typically a person will review two to three projects per month. There is also a 3 hour evening meeting on the first Monday of each month.

Health Metrics Group Member and Health Point Person	5-20 hrs/month	<p>Health Metrics Group Member: As a subcommittee of the TAC, public health professionals with experience in epidemiology, community development, medicine and nursing act as Health Metrics Reviewers and assist with community health assessments and developing specific health metrics to measure project success.</p> <p>The "Health Point Person" (HPP) will be an individual on the project team who is responsible for planning for overseas healthcare for the project team and working on the project specific health assessment for the host community. Ideally they will be a licensed health professional or someone with public health experience.</p>
Short Training Programs	3-10 hrs/month	Develop training programs to increase students' and professional partners' technical and cultural skills. Some examples include how to mix concrete, how to fix a well pump, cultural customs, or expanding cultural awareness of the impacts of water distribution systems.
Knowledge Resource for Students	1-10 hrs/month	Be a resource for student design teams. Answer occasional questions and create resource lists for student access (articles, reports, training program, web links, etc). This is a great way to be involved in a project with minimal time commitment.
Knowledge Resource for Other EWB Professional Partners and Mentors	1-10 hrs/month	Be a resource for other professional engineers working on student projects. Most of our projects are cross discipline, and while a mentor may have expertise several areas, they seldom have expertise in all areas. Some possible activities include doing final Quality Control (QC) review of a project, answering technical questions, and supplying technical resources (articles, reports, training program, web links, etc)
EWB Professional Partners Projects	5-20 hours per week	Professional Partners Chapters are acquiring their own projects. These projects will involve teams of professional engineers operating independently from students chapters (although it is encouraged that students participate in the projects). These may also involve rapid response teams to respond to situations overseas which need assessment work for rebuilding in conjunction with relief work.

The time of professionals spend on these projects for Professional Partners of EWB is volunteered. While EWB is working towards one day covering the travel expenses of Professional Partners accompanying student projects or working on their own projects, funding is limited. It is often necessary for professionals to cover their own travel expenses. Professional members of EWB are also responsible for their EWB membership dues.