

Abstract Submitted
for the APR12 Meeting of
The American Physical Society

The Global Youth Service Team: students applying science and technology in remote, developing region of the world DOUG HOLLINGER, American Physical Society — Eh Kalu, director of the Karen Department of Health and Welfare along the border region between Thailand and Burma said, “It is very difficult to attend to a medical emergency at night when all you have are candles for light.” The Global Youth Service Team (GYST) provides high school and college students with the opportunity to apply science that they have learned in the performance of international humanitarian service. Volunteers with the GYST build solar powered electrical systems, ultraviolet water purifiers, provide training and education to people who are most in need due to energy poverty, lack access to resources, natural disasters or human rights violations. GYST volunteers train with photovoltaic materials and equipment to become solar energy technicians. They then travel to remote communities in developing countries where we are able to catalyze improvements in education and health care, promote sustainable energy initiatives and help communities develop the capacity to use their own resources by which to create opportunity.

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Date submitted: 05 Jan 2012

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