

#### California Polytechnic State University

Community & Economic Development, Health/Nutrition, International Service

# **Engineers without Borders**

The organization Engineers without Borders at Cal Poly consists of 35 members with a core of 12 student leaders and faculty advisors. The Cal Poly chapter is part of national is a non-profit organization that is committed to providing sustainable service for local and international disadvantaged communities through implementation of environmentally and economically sustainable projects. Eleven people took part in the first international project that involved partnering with a hill tribe village in Mae Nam Khun, Thailand. This collaboration led to an installation of a drinking water treatment system for the local school of 1200 students. This project was implemental in reducing the incidence of illness among children of the village and to improve overall sanitation.

In addition to overseas projects, the students have been working on a Poly Canyon Culverts Project. The motivation for this project is to evaluate the feasibility of a future wetland immediately down-grade from the Cerro Vista culvert on the Cal Poly State University Campus in San Luis Obispo. The peak flows established will help determine if a wetland would be an appropriate aesthetic and environmental addition to the Poly Canyon area. This preliminary study will also focus on the existing conditions of the subject culverts and will provide best management practices in order to minimize the impact on the surrounding natural environment.

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#### **Case Western Reserve University**

Education, Health/Nutrition, Mentoring, Service Learning

## **School Partnership for Child Health and Wellness**

The collaborative effort of nursing students and faculty from Case Western's Frances Payne Bolton School of Nursing (FPBSN); nurses, nutritionists, teachers and administrators from the Cleveland Municipal School District (CMSD); CMSD students in the 5th, 6th, and 7th grades and their families; this project provides health screening and monitoring to identify children at risk and the implementation of an intervention. Through routine state mandated screening in the CMSD, students at FPBSN found that over 45% of the children screened were overweight or obese, putting them at high risk for the development of diabetes and hypertension. As a result of these findings, a service learning project was developed to reduce the risk of diabetes and hypertension in children in two Cleveland elementary schools by reducing the incidence of obesity. Interventions include health education for students and families related to nutrition, exercise; and education about the signs, risks and complications of diabetes and hypertension; student support groups focusing on the issues of self esteem, self worth and empowerment; and a school physical activity program, developed in collaboration with members of the Case Western Athletic Department and led by nursing students and parent and community outreach. Over 200 CMSD students participated in the first year of this project. Project activities included the development of an exercise video, presentation of multiple educational modules, the implementation of community wide health fairs, parents night educational programs, parent and community newsletters and regular meetings and activities with the children during the school day.

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### **Century College**

Community & Economic Development, Health/Nutrition, Service Learning

## Give Kids a Smile Day

Century's Dental Hygiene Department hosted "Give Kids a Smile Day," an event held during spring semester which provided free preventative dental care for 167 children, including 57 who had never before had a dental exam. A total of 50 Century volunteers, including students, faculty and staff, combined with 17 community volunteers, including dentists, assistants and hygienists came together to provide services worth an estimated \$39,525. The children received oral health education, screenings, exams, cleanings, sealants and fluoride treatments. This event drew children and families from 36 communities in the metro and western Wisconsin areas and interpreters for speakers of languages other than English were provided. This event offers a wonderful opportunity to provide dental care to underserved populations in the Twin Cities area. Students were able to see the differences between patients that receive regular dental care and the dental problems that occur when patients are unable to afford ongoing services.

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#### **Connecticut College**

Education, Health/Nutrition, Literacy, Tutoring, Service Learning

## **Project Kids, Books and Athletics**

Project Kids, Books and Athletics (KBA) at Connecticut College fosters the love of reading, increasing the physical fitness of New London Children and their families and encouraging family literacy and parental involvement in children's learning. Research documents the inter connectedness of mind and body wellness for learning. Statistics document that obesity is a growing problem among children and even toddlers. Poor nutrition and the lack of physical activity are primary cited reasons. Research has also shown that children who have parents who are involved in their learning have a higher success rate in school.

Staff worked with faculty and Athletic Department coaches to recruit and train over 100 students to participate in Project KBA. Teams of students met weekly at seven community sites to lead a half hour of structured, age appropriate physical activities and a half hour of guided reading. Three Connecticut College courses have service-learning components that include student participation in KBA. In addition to leading weekly KBA sessions, students in these courses organized and implemented field trips to Connecticut College to visit the library, Athletic Center, and Arboretum and led special KBA activities on campus. They organized successful KBA family events at the sites and completed other projects including: an age appropriate exercise guide, a nutrition brochure that was distributed to the participants' families, and a multicultural book list. All of these projects have strengthened KBA and our community partnerships. In return, the college students have developed a better understanding of education in urban settings and have increased their teaching and coaching skills. KBA also provides the College students the opportunity to examine public policy related to literacy and child wellness. Over 300 children participate in Project KBA each year.

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#### Kalamazoo College

Community & Economic Development, Education, Environmental, Health/Nutrition, Service Learning

#### Farms2K

Farms2K combines service-learning courses and student-led projects to link Kalamazoo College students ("K"), staff, and faculty with individuals and organizations in the community to promote local agriculture and implement a local foods policy at the College. The program grew from a service-learning course in which students work with the non-profit Fair Food Matters and Tillers International to conduct research, develop marketing materials and design programs promoting sustainable agriculture. Through this grassroots initiative, "K" students have worked directly with over 150 Kalamazoo residents to promote sustainable local agriculture. Farms2K meets regularly with Sodexho (dining service), farmers, nutritionists, economists and others to plan a strategy to buy more local foods at "K". They also work with KPS to improve community nutrition. The program raises awareness of related public health and social justice issues: globalization; immigration and farm labor; child labor; obesity; environmental health; and world and local hunger -- amplifying what many students learn on study abroad programs focusing on sustainable agriculture. Last year students organized local food tastings to build campus-wide commitment to "buying local," attracting over 500 students.

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#### **Lake Erie College of Osteopathic Medicine**

Education, Health/Nutrition

## **Operation Prom**

The Emergency Medicine Club at the Lake Erie College of Osteopathic Medicine (LECOM) conducted "Operation Prom" that reached 1200 high school students in Lakewood Ranch, Florida, one week before the Junior/Senior Prom. The objective of Operation Prom was to prevent drunk driving incidents. Ten LECOM Bradenton students played an active role by staging of a mock drunk driving incident causing a fatality. Operation Prom was an intricately timed event using resources from around Manatee County, including the Emergency Medical Services, Bayflite air ambulance, County Sheriff's Department, and a funeral home.

The event took place in the Lakewood Ranch High School stadium before an audience of 1200 juniors and seniors. LECOM Bradenton students played the roles of victims, bystanders and a drunk driver. A LECOM Bradenton second year student coordinated all departments throughout the exercise. This planning of this event began in January, 2006 and the actual event took place on April 27, 2006. Witnessing the mock accident visibly moved many high school students; others thanked the high school principal for allowing it to take place in their school. Media coverage of the event increased awareness for drunk driving prevention. Most important, there were no drunk driving accidents following the Lakewood Ranch Prom in the spring of 2006. The Emergency Club will conduct a similar staging at a different high school each spring.

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#### **Missouri Western State University**

Education, Health/Nutrition, Day of Service, Fundraiser

## Jump Rope for Heart and Hoops for Heart

The American Heart Association and the Health, Physical Education and Recreation Department at Missouri Western State University have been in partnership for the last 25 years conducting Jump Rope for Heart and the past 10 years with Hoops for Heart to raise awareness to fight the number one killer – heart disease. Jump Rope for Heart involves up to 15 area elementary schools with 500 participants who have raised over 1 million dollars during the twenty-five years; including over \$27,000 for this year. The Hoops event involves eight area middle schools with 250 participants and raised almost \$7,000 this year.

University students are responsible for running the events, with Phi Epsilon Kappa officers as the masters of ceremony. 50-60 students from many classes assist with the events. Public school students either jump rope or play 3-on-3 basketball for two hours and are eligible for prizes that are given throughout the event.

In conjunction with those programs, the Health, Physical Education and Recreation Department at the University sponsors a pizza-swim party for the elementary school that raises the most money. The university students provide education for the children and parents on preventive measures and statistics relating to heart disease.

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#### **New York University**

Community & Economic Development, Culture/Arts/Performance, Health/Nutrition, Special Needs, International Service

#### **Service Abroad**

The Office of Global Education and the Office of Community Service have collaborated to ensure that New York University (NYU) students are actively engaged in meaningful service in Florence, London, Prague, and Accra. The staffs at NYU's global centers have developed relationships with local agencies where students gain a richer appreciation of their host communities. NYU in Ghana has become our flagship for international service with 85% of the students participating in ongoing service at organizations including The West Africa AIDS Foundation (WAAF), Osu Children's Home, New Horizons School for the Developmentally Disabled, and Habitat for Humanity.

Students dedicate countless hours to the completion of significant projects. For example, NYU student Katherine Otto coordinated an AIDS awareness poster competition which engaged school children in art projects to raise awareness about the disease and fight prejudice against those suffering from it. The winning posters were displayed at an art exhibit/fundraiser which brought in over \$25,000 to support WAAF. At the New Horizons School for the Developmentally Disabled, another NYU students, Kristen Rhea Van Liew, launched a joint dance program with students from the University of Ghana. The recital raised \$5,000 for the school and provided the students with a sense of pride and accomplishment.

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#### **Purdue University**

At-Risk Youth, Health/Nutrition, Mentoring, Youth Leadership, Service Learning, Summer Program

## **National Youth Sports Program at Purdue**

NYSP at Purdue University is a free, six-week summer day camp designed to give children ages 10-16 the opportunity for academic, health and nutrition, and sports instruction. The program targets low-income students who qualify for either free or reduced lunch programs as defined by federal guidelines. Purdue hosts program participants on campus for seven hours each day, five-days-a-week for six weeks. Participants receive instruction in various sports activities with innovative games used to increase aerobic capacity, strength, and flexibility. In all activities, campers learn self-responsibility, mutual respect, responsibility to others, teamwork, and other hallmarks of good citizenship.

Forty Purdue undergraduate and graduate students are paid a living stipend and are engaged in 200 hours of service learning in Purdue's NYSP. In addition to the leadership and/or teaching skills they bring to the program, the entire NYSP staff undergoes three days of special training on the needs of our campers and their families before camp begins. At the moment, service-learning credit is optional (HK 590N).

For the last two years, NYSP at Purdue has added another level of service learning. Each of the 20 camper teams is expected to give back to the community for three hours and then they learn about the social agency or site function before they leave campus. After the visit, they are asked to reflect on the experience in their computer/writing class. Service-learning sites for NYSP have included the YWCA Women's shelter, Trinity Mission, Community and Family Resource Center, Transitional Housing, Veteran's Home, and a number of assisted living and senior center homes.

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## **Rhodes College**

Community & Economic Development, Health/Nutrition, Housing, International Service

#### **Tex Mex**

Since 1988, Rhodes College's students and faculty have been participating in Tex-Mex, an alternative break program to Mexico. The students head to Reynosa, an impoverished squatter camp along the U.S. border to build houses, repair roofs, and work in a local medical clinic. Along with the 25 participating students, a Latin American history professor went as well and participated in the builds, and helped students understand immigration issues.

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#### **Simmons College**

At-Risk Youth, Community & Economic Development, Education, Health/Nutrition, Senior Citizens, Service Learning

## **Graduate Service Learning**

Five graduate level courses, three in Communication Management and two in the St. Olaf College doctoral program in Physical Therapy, engaged eighty-one students in service learning and volunteering to help the larger community. The Graduate Education Grant taught teachers K -12 how to incorporate service-learning into their classrooms and provided financial support to implement them.

The students in the courses assisted a number of community partners. One student assisted Mass Mentoring Partnership to establish and implement a branding campaign. Students in another communication course worked closely with four designated community partners that produced a communications analysis of each organization and a social marketing plan. Graduate students also participated in an Alternate Spring Break project to assist a Boston Public Elementary School to reestablish their library. In order to do so, students held a children's book drive, which yielded over 600 books, and they processed, shelved and weeded the collection.

In the two physical therapy courses students worked in small teams to serve several different community partners. These teams developed a physical fitness program for eighth grade students, a running and exercise skills program for high school age women, exercise and strength training for elderly residents of a nursing home, a program event for the Special Olympics for athletes who are severely disabled and a pilot project to promote physical activity of fifth graders who attend school on a Navajo reservation in Arizona.

Finally, another team developed a series of workshops on nutrition, exercise, and stress management for female offenders, and another team provided academic assistance and stretching exercise classes to underserved middle school students in an after school program.

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#### Syracuse University

At-Risk Youth, Community & Economic Development, Culture/Arts/Performance, Education, Health/Nutrition

#### **South Side Initiatives**

South Side Initiatives (SSI), are on going projects which look at an entire range of economic, health, education, and safety issues. In 2005-06, SSI involved more than 200 students from Syracuse University. SSI represents many new partnerships that have been forged on the Syracuse's South Side, an area with untapped potential that has been struggling through a period of economic decline. Activities include: the Genesis Health Project, which works with neighborhood churches to educate congregants about healthier lifestyles in the city's African American community; a campaign that works with local barbershops to educate African American men about prostate cancer and the importance of early screening for the disease; satellite locations for two African American performing and visual arts organizations with ties to the University; a billboard project that partnered SU advertising students with neighborhood teens and a Syracuse University artist to create a series of billboards featuring inspiring messages of hope.

The focus of the projects is on the direct involvement of residents, citizens, and businesses within the identified geographic area and thus they are closely involved with identifying needs, creating strategies, and implementing solutions.

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