Frontiers of Community Public Health: Service Learning Course

The University of Arizona

Mel and Enid Zuckerman College of Public Health
Interested in intersecting health & economic development challenges in small & tribal southwestern communities?

then register for the

FRONTIERS OF COMMUNITY PUBLIC HEALTH
Service-Learning Institute ♦ August 12-17, 2013

(CPH597D - 1 Credit - fulfills MCH/FCH, HBHP & PHP requirements)

Arizona Health Sciences Center IPEP Interprofessional Education & Practice Course

During this inter-professional week-long, field-based course you will:

➢ Learn about epidemiologic and economic trends, frontier/rural population health, and health access issues in Graham County and the San Carlos Apache Reservation.
➢ Assess health impacts of low population density, cotton farming & copper mining.
➢ Collaborate with diverse community partners to implement service-learning projects that address community health needs.

Course Faculty:
Lynda Bergsma, PhD
Karen Heckert, PhD, MPH, MSW

Registration is limited to 15 students

Graduate students in public health, nursing, pharmacy and medicine are invited to register for this IPEP course.

Travel/Food /Lodging is covered for all students!
Students are responsible for one-credit of fall-semester tuition only
For more information about CPH 597D and how to register, please send a brief email explaining your interest to Lynda Bergsma at lbergsma@u.arizona.edu.

Sponsored by the Rural Health Professions Program and IPEP in partnership with the Arizona Area Health Education Center Program
What Are We in For...Better Yet...
What Are *Ya’ll* in For?
Getting our bearings
San Carlos Apache Cultural Center

(herb, anita, jeri) - Shiana
Point of Pines - Where’s Shawn?
First time painting
Rural Dental Health... challenges for children!

Pediatric dental care challenges
Tooth decay affects more than one-fourth of U.S. children aged 2–5 years and half of those aged 12–15 years. About half of all children and two-thirds of adolescents aged 12–19 years from lower-income families have had decay.

Potential Results
- 52 million school hours lost per year.
- Loss of ability to eat properly
- Abnormal development of jaw bone
- Failure to guide adult teeth into place
- Poor speech development

Rural dental challenges:
- Lower dental care utilization
- Higher rates of dental caries
- Lower rates of insurance
- Less water fluoridation
- Fewer dentists per population
- Greater distances to travel to access care
Dental Disease in Children - A Costly Calamity!

- Tooth decay is the most widespread, chronic disease of childhood and often requires extensive and costly repair.
- 50% of children ages 0-4 have never been to a dentist.
- It is estimated that Arizonans have spent more than $44 million on restorative dental services for children K-3.
- $30 million is required for treatment of current decay.
Most dental problems are preventable with proper hygiene!

- We visited Headstart and the Dan Hinton School to teach oral hygiene to children.

- Early dental hygiene habits leads to lifetime habits and significantly reduced dental disease.
Our Neighbors Farm & Pantry - Day 2
Mount Graham Regional Medical Center

- Lunch with Dr. Dan Derksen
- Meeting with Wick Lewis, Laurie Burress and Keith Bryce
- Discussed the Affordable Care Act
- Learned about issues facing rural hospitals
Boys and Girls Club: Sexual Education

Taught Sex-Ed to Girls aged 8-11 using the **Smart Girls** curriculum given to us by the Graham County Health Dept.
Boys and Girls Club: Sexual Education

Taught Sex-Ed to boys aged 8-11 using the curriculum given to us by the Graham County Health Dept.
Boys and Girls Club
College and Career Exploration
A special thank you to Aimee for her commitment to the youth in this community.
On Friday morning we were lucky enough to take a tour of the Freeport McMoRan copper mine. This mine is the largest open-pit mine I have ever seen. I was rather taken aback by the immensity of it. We were provided with information regarding the mine by Shawn.
THANK YOU!