

NIH's Community-Based Participatory Research Scientific Interest Group (CBPR SIG) presents three case studies in its Community-Based Participatory Research Speaker Series,

**Wednesday, June 4, 2008**

1-4 p.m.

CSR Conference Room 6087

Two Rockledge Center (Rockledge 2)

6701 Rockledge Drive

Bethesda, MD 20817

Free parking

Rockledge 2 is a stop on the NIH-Rockledge Shuttle (Green Line)

**Three Case Studies in Community-Based Participatory Research**

**Sources of Lead Exposure and Health of Mexican Americans in El Paso, Texas**

**Maria Alvarez Amaya, Ph.D., WHCNP**

Wakefield Professor of Health Sciences

School of Nursing

University of Texas at El Paso

El Paso, TX

Dr. Amaya's NIEHS-supported Encuentros Project is to evaluate environmental lead exposure among children in the border communities of El Paso, Texas and Cd. Juarez, Mexico, using a community-based public health research approach. The El Paso-Juarez border region is characterized by many factors that may increase the risk for childhood lead exposure, including poverty, overcrowding and substandard housing, lack of infrastructure, and history of an extensive mining industry. The study objectives are to: 1) estimate the geographic distribution of environmental lead contamination in El Paso, Texas and Juarez, Mexico; 2) estimate the prevalence of elevated blood lead levels (EBL) in children, 3) differentiate chronic lead exposure in children with EBL, 4) fractionate lead in blood samples of children with EBL, and 5) involve end-users to evaluate a scientifically-based culturally relevant prevention/intervention strategy. is headed by Dr. Maria Amaya's multidisciplinary team includes scientists from The University of Texas at El Paso, Texas Tech University Health Sciences Center at El Paso, the Paso del Norte Center for Border Health Research, and a Coalition of Community based organizations including the Femap Foundation, Organización Popular Independiente, Inc. (OPI), Adults and Youth United Organization (AYUDA), and Salud y Desarrollo Comunitario, A.C. (SADEC). The Project interacts with the community through the Binational Task Force (Junta Directiva).

## **CBPR Approach to Cancer Intervention Trials in Asian Communities**

**Grace X. Ma, Ph.D., CHES**

Professor and Director  
Center for Asian Health  
Department of Public Health  
Temple University  
Philadelphia, PA

Dr. Ma's multiple research projects focus on community-based participatory cancer prevention and early detection, health disparities, patient navigation, smoking cessation and other substance abuse interventions, chronic illnesses and quality of healthcare in medically underserved, uninsured and high-risk Asian American populations. One of her NCI-funded projects, ATECAR-Asian Community Cancer network, focuses on smoking cessation and lung cancer prevention, cervical and breast cancer, Hepatitis B-liver cancer, colorectal and stomach cancer interventions and healthcare access in Asian communities of Delaware, Pennsylvania, New Jersey, New York City, and Washington, D.C. areas. She established the first Asian Community Cancer Coalition (ACCC) with a membership of 56 community-based organizations and 35 hospitals, health centers and clinics throughout the region. She is also the Principal Investigator of an NIH funded R01 project, a randomized trial designed to increase cervical cancer early detection for underserved Vietnamese women. Dr. Ma's research network and collaboration extend to the Southeast and Southwest regions of China. This international component of her research focuses on longitudinal studies of tobacco control in China.

## **Biological Markers of Drug Use and Related Risky Behaviors among Club Patrons**

**Brenda A. Miller, Ph.D.**

Senior Research Scientist  
Prevention Research Center  
Pacific Institute for Research and Evaluation  
Berkeley, CA

Dr. Miller's research focuses on the issues of family violence, violent victimization, family-based prevention strategies, women's alcohol/drug use, parenting and adolescent alcohol/drug use, adolescent risky sexual behavior, drinking and driving, and crime/social justice. She is Principal Investigator on a Family Strengths study that is designed to provide in-depth and qualitative information about parent and older adolescent perspectives about protective strategies that are implemented by families and that are relevant to the prevention of adolescent alcohol/drug use. She is also the Principal Investigator on NIAAA funded study designed to address whether choice makes a difference in recruitment, retention, and completion of family-based programs, as well as adolescent outcomes (alcohol, drugs, delinquency). Her current work as Principal Investigator of a NIDA funded study focuses on the prevention of drug use of young adults in club settings. She is a Co-Investigator on a NIAAA funded international study of family-based prevention strategies to prevent adolescent alcohol/drug use and risky sexual behavior in Bangkok, Thailand, and is Co-Investigator on a cross-site, NIDA

funded study to develop community intervention strategies to prevent adolescent use of inhalants and other legal products. Finally, she collaborates on a cross-site research project (NIAAA) to develop prevention strategies for young women crossing the border to Mexico and who are exposed to heavy drinking and violence.

To learn more about CBPR and this scientific interest group, start with our NIH webpage:

[http://grants.nih.gov/grants/training/esaig/cbpr\\_sig.htm](http://grants.nih.gov/grants/training/esaig/cbpr_sig.htm)

To confirm sign language interpreter service or to arrange other reasonable accommodations to participate in this event, contact Dr. Bill Elwood 301/435-1503 or the Federal Relay (1-800-877-8339).

***William Elwood, Ph.D.***

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***Chairperson, NIH Community Based Participatory Research (CBPR) Scientific Interest Group (SIG)***

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