

Samantha Sabo, DrPH, MPH
Program Director, Transborder Initiatives

Division of Health Promotion Sciences
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EDUCATION

- Doctorate of Public Health** **2013**
Zuckerman College of Public Health, University of Arizona
Major: Maternal and Child Health; Minor: Medical Anthropology
Dissertation: The Public Health Impact of Immigration and Border Enforcement Policy and a Service-Learning Approach to Counter Ethno-Racial Health Disparities of the US-Mexico Borderlands.
- Master of Public Health** **2004**
Zuckerman College of Public Health, University of Arizona
Major: Family and Child Health, International Health Tract
Internship: Ngobe Bugle Women's Perspectives about Quality of Maternal Health Services Received in a Basic Emergency Obstetric Unit (EmOC), United Nations Population Fund (UNFPA), Panama.
- Bachelor of Science** **1997**
California State University at Chico
Major: Health Science, Health Education Concentration
Second Major: Latin American Studies, Minor: Spanish
Senior Capstone: Black Market Pharmaceuticals in El Salvador

LANGUAGES

Spanish: fluent, speaking, reading and writing

Research Areas: Community based health and development, migration and transnationalism, indigenous health, migrant farmworkers, globalization and trade, corporate social responsibility, public health advocacy and coalition building, public health workforce development.

Geographic Areas: US Southwest, US-Mexico Borderlands, Northern Mexico, Central America

PROFESSIONAL PREPARATION

- 2010 Certified Basic Auditor, Social Accountability International (SAI), SAI8000
- 2009 US-Mexico Border Representative, Evidenced Informed Policy Network (EVIPNet) Training, Developing Evidenced Based Policy Brief Workshop, Program in Policy Decision Making, McMaster University, October 26-30, 2009, Santiago, Chile.

Samantha Sabo, DrPH, MPH
Program Director, Transborder Initiatives

- 2009 Advanced Author Training, Cochrane Systematic Review, Pan American Health Organization and the Cochrane Collaborative, April 14-17 2009, El Paso, TX.
- 2009 Graduate, Campus-Community Partnerships for Health 12th Annual Summer Service-Learning Institute, July 24-27, 2009, Seattle WA.
- 2004 Intern, United Nations Population Fund, Panama City and Comarca Ngobe Bugle, Panama.

EMPLOYMENT (ACADEMIC AND PROFESSIONAL)

- 2014-present Assistant Professor, Family and Child Health, Division of Health Promotion Sciences, Zuckerman College of Public Health, University of Arizona
- 2007-2014 Appointed Personnel, Program Director for Transborder Initiatives Mel and Enid Zuckerman College of Public Health, University of Arizona
- 2009-2011 Consultant, Gorgas Health Education Initiative, Panama City, Panama
- 2004-2007 Senior Research Specialist, Division of Health Promotion Sciences, Mel and Enid Zuckerman College of Public Health, University of Arizona
- 2002-2004 Returned Peace Corps Volunteer Fellow, United States-Mexico Border Health Commission, Arizona Office of Border Health, Arizona Department of Health Services
- 2003 Teaching Assistant, Mel and Enid Zuckerman College of Public Health, University of Arizona
- 2001-2002 Bi-lingual Educator, California Migrant Education Program, Lodi Unified School District, CA
- 1999-2001 United States Peace Corps Volunteer, Santa Cruz del Quiche, Guatemala
- 1996-1997 Women's Health Advocate, Women's Choice Clinic, Chico, CA

HONORS AND AWARDS

- 2013 Community Service Award, Zuckerman College of Public Health, University of Arizona
- 2013 Outstanding Social Justice Advocate, University of Arizona Accolade
- 2011-2013 Dissertation Scholarship, Migration and Health Program (PIMSA), The California Endowment, University of California at Berkeley
- 2009-2013 Doctoral Fellow, Arizona Area Health Education Centers (AHEC), Rural Health Professions Program, Zuckerman College of Public Health, University of Arizona
- 2005 Educational Award, Philanthropic Education Organization
- 2002-2004 Returned Peace Corps Volunteer Fellow, Graduate College, University of Arizona
- 2003 Delta Omega, Lifetime Member

Samantha Sabo, DrPH, MPH
Program Director, Transborder Initiatives

1996 Dean's List, California State University, Chico
1996 Golden Key Honor Society, Lifetime Member

TEACHING EXPERIENCE

Courses Taught:

2014 CPH 605 Community Based Participatory Research to Decrease Health Disparities
2009-present CPH 597A Maternal and Child Health in Urban Settings (service-learning – required for MPH-MCH and DrPH)
2009-2012 CPH 597B Family and Child Health in Rural Settings (service-learning – required for MPH-MCH and DrPH)
2009-2011 CPH 597C Border Health Service Learning Institute (service-learning – required for MPH-MCH and DrPH)
2012 -present CPH 535 Multicultural Health Beliefs (MPH-HBHP core course)

Internship Committees:

2013 Member, Internship Committee, Diana Perez Ramirez, Public Health Practice, Zuckerman College of Public Health, University of Arizona

2009 Member, Internship Committee, Hannah Carlson, Health Education and Health Promotion, Zuckerman College of Public Health, University of Arizona

Mentoring (*informal*):

Angela Valencia, MPH Doctoral Student, Maternal and Child Health, Zuckerman College of Public Health, University of Arizona (CPH 597A, urban service learning instruction)
Christina Ore de Boehme, MPH Doctoral Student, Policy and Management, Zuckerman College of Public Health, University of Arizona (CPH 597A, urban service learning instruction)
Stephanie Rainie Carroll, MPH Doctoral Student, Policy and Management, Zuckerman College of Public Health, University of Arizona (CPH 597A, urban service learning instruction)
Adeline Tsosie, MPH Doctoral Student, Policy and Management, Zuckerman College of Public Health, University of Arizona (CPH 597B, rural/tribal service learning instruction)
Carmella Khan-Thornbrough, MPH Doctoral Student, Policy and Management, Zuckerman College of Public Health, University of Arizona (CPH 597B, rural/tribal service learning instruction)

Invited Presentations and Guests Lectures:

2014 Panelist, "De-Pathologizing Border Health and Well-Being: Binational Studies of the Embodiment of Immigration Policy, Violence, Discrimination, and Physical Dislocation" Society for Applied Anthropology Annual Meeting, March 18-22, 2014 Albuquerque, NM
2013 Panelist, "Immigrant Health Disparities", Congressional Health Disparities Summit,

Samantha Sabo, DrPH, MPH
Program Director, Transborder Initiatives

- University of New Mexico, Robert Wood Johnson Center for Health Policy Research, September 5-6, 2013, Albuquerque, New Mexico.
- 2013 Arizona Community Health Outreach Worker Network Annual Conference, “Arizona CHW Workforce Sustainability Policy Workshop” June 19-21, 2013, Casa Grande, AZ.
- 2010 CPH 606 Changing Health Policy: Cultural Understanding & EPI Analysis, “Developing Evidenced Based Policy Briefs in International Health Settings”, Part I and II
- 2009, 2010 CPH 577 Social Behavioral Dimensions of Public Health, “Introduction to Service-Learning and Guided Reflection”
- 2009- present Mariposa Community Health Center, Summer Youth Institute (SYI), “Public Health Research and Advocacy 101”
- 2009 Arizona Community Health Outreach Worker Network Annual Conference, “Community Advocacy for Social Change Workshop”

SERVICE AND OUTREACH

Service – College Committee(s)

- 2013 -present Community Engagement, Practice and Service Committee
 Community Service Award
 Service-Learning Subcommittee
- 2011-2012 Member, Search Committee- Division of Health Promotion Sciences
- 2010-2011 Member, Education Committee
- 2008-present Appointed Professional (AP) Committee
- 2009-2010 AP Career Progression Committee

Service – University Committee (s)

NA

Service – Other Committee (s) (internal or external)

- 2013- present Co-Founder, Arizona Community Health Worker Workforce Coalition
- 2007-present Advisor, Arizona Community Health Worker Outreach Network (AzCHOW)
- 2006-2009 Member, Arizona Public Health Association, Health Disparities Caucus
- 2007-2009 Member, Health Advocacy Group, Santa Cruz County, AZ
- 2005-2007 Member, School Health Coordinators Committee (SHCC), Santa Cruz County, AZ

Service – National/International Outreach

- American Public Health Association
- 2009-2011 Member, Community Health Worker Section, Leadership Council
- 2012- present Member, Community Health Worker Section, Policy Committee
- 2009- 2011 Member, Trade and Health Forum, Leadership Council
- 2009 US-Mexico Border Representative, World Health Organization (WHO) Evidenced Informed Policy Network (EVIPNet)
- 2007-2009 Member, Doctors for Global Health (DGH)

PUBLICATIONS

Samantha Sabo, DrPH, MPH
Program Director, Transborder Initiatives

Peer Review Journal Articles (*student co author, **community co author)

- 2014 **Sabo S**, Shaw S, Ingram M, de Zapien J, Teufel Shone N, Carvajal S, Redondo F**, Garcia G**, Rosales C. Rubio-Goldsmith R. Everyday Violence , Structural Racism and Mistreatment at the US-Mexico Border. *Social Science and Medicine*. 109 :66-74
- 2013 Ingram M, Schachter K, **Sabo S**, Reinschmidt K, Gomez S*, De Zapien J, Carvajal S (2013) A Community Health Worker Intervention to Address the Social Determinants of Health Through Policy Change. *Journal of Primary Prevention*. Dec 22. [Epub ahead of print]
- 2013 **Sabo S**, Ingram M, Reinschmidt K, Schachter K, Jacobs L*, de Zapien J, Robinson L**, Carvajal S. (2013). Predictors and a Framework for Fostering Community Advocacy as a Community Health Worker (CHW) Core Function to Eliminate Health Disparities. *American Journal of Public Health*. 103(7): e67-73.
- 2013 Arranda P, Ortega I, Rosales C, de Zapien J, **Sabo S**, Zapien A. (2013) Migracion y atención a la salud de los Jornalero agricolas. In *Alternativas en la crisis para la transformación de las políticas sociales en México, México/Hermosillo*, El Colegio de Sonora, CIAD, Fundación Konrad Adenauer
- 2012 Carvajal S, Rosales C, Rubio-Goldsmith R, **Sabo S**, Ingram M, McClelland J, Redondo F, Torres E, Romero, J, O’Leary A, Sanchez Z, & de Zapien J. (2012). The Border Community & Immigration Stress Scale: A Preliminary Examination of a Community Responsive Measure in Two Southwest Samples. *Journal of Immigrant and Minority Health (Online First)*
- 2011 Ingram M, Reinschmidt K, Schachter K, Davidson C, **Sabo S**, De Zapien J, Carvajal S. (2011). Establishing a professional profile of community health workers: Results from a national study of roles, activities and training. *Journal of Community Health*. *Journal of Community Health*, 37(2): 529-537
- 2011 Cornejo E, Denman C, **Sabo S** de Zapien J, and Rosales C. (2011) Scoping Review of Community Health Worker/Promotora-Based Chronic Disease Primary Prevention Programs on the U.S.-Mexico Border. *Avance de Investigación*, Colegio de Sonora: Hermosillo, MX
- 2009 **Sabo S**, Ingram M, Wennerstrom A. Social Justice and Health in Arizona Border Communities: The Community Health Worker Model. In *The Colonias Reader*. Angela Donelson and Adrian Esparza eds. Tucson: University of Arizona Press
- 2008 Ingram M, **Sabo S**. Rothers J, Wennerstrom A, and de Zapien J. (2008) Community Health Workers and Community Advocacy: Addressing Health Disparities. *Journal of Community Health* 33(6): 417-24

In Press

- 2014 Sabo, S., Guernsey de Zapien, J., & Rosales, C. *Entre Fronteras (Between Borders)*:

Samantha Sabo, DrPH, MPH
Program Director, Transborder Initiatives

The Power of Service-Learning in Cultural Exchange and Social Action in the United States -Mexico Borderlands. *International Journal of Heritage and Sustainable Development*.

2014 Ingram M, **Sabo S**, Gomez S*, Piper S**, Reinschmidt K, Schachter K, Carvajal S. Taking the CBPR approach in the development of methods for a CHW community advocacy intervention. *Progress in Community Health Partnerships: Research, Education and Action*

Under Review

2013 **Sabo S**, Carvajal S, Rothers J, de Zapien J, Teufel Shone N, McClelland J, Redondo F, Rubio-Goldsmith R, Ehiri J, Rosales C. Mental Health Impact of Immigration Mistreatment and Ethno Racial Profiling Among Arizona Border Residents. *American Journal of Public Health*. (*Resubmission Under Review*)

Submitted:

2014 Sabo S, De Zapien J, Teufel-Shone N, Rosales C, Bergsma L, Taren D. Service Learning: A Vehicle for Building Health Equity and Eliminating Health Disparities. *American Journal of Public Health*.

In Progress

2014 Sabo S, Nez Henderson P, Yazzie A**, Clark H**, Nahee J**, Moore G, Leischow S. Breathing Clean Air is Sa'ah Naaghai Bik'eh Hozhoo (SNBH): A Navajo-centered approach to commercial smoke-free policy. *Society for Research on Nicotine and Tobacco*.

REPORTS (* student co author, ** community co author)

REPORTS (not peer reviewed)

2013 A Framework for Sustaining Community Health Workers/Promotoras in Arizona. Submitted to the Arizona Department of Health Services Tobacco and Chronic Disease. Prepared by Arizona Prevention Research Center, University of Arizona.

2012 **Sabo S**. Wesley Community Health Community Health Worker Hypertension Program. Final Report to the Arizona Department of Health Service, Phoenix, Arizona.

2010 **Sabo S**. Santa Cruz County Healthy Start Program Final Evaluation Report. Report submitted to the Mariposa Community Health Center and the HRSA Healthy Start Program.

2008 Ortega I, Aranda P, de Zapien J, Zapien A, **Sabo S**, Rosales C. La salud de los jornaleros migrantes y un modelo de la responsabilidad social de las empresas agricolas. Report submitted to Programa de Investigación en Migración y Salud, Health Initiative of the Americas, Berkley, California.

Samantha Sabo, DrPH, MPH
Program Director, Transborder Initiatives

2007 Drummond R, Ingram M, **Sabo S**, Staten L. (authorship alphabetical) Final Steps to a Healthier Arizona Evaluation Report: Cochise, Santa Cruz, Yuma Counties and the Tohono Oodham Nation. Report submitted to the Centers for Disease Control STEPS Program, Atlanta, Georgia.

Scientific Posters, peer-reviewed

- 2013 **Sabo S**, Ingram M, de Zapien J, Rosales C, Carvajal S. Everyday violence of immigration related ethno-racial profiling and mistreatment: A mixed methods approach to understanding immigration policy as a structural determinants of health. The 141st APHA Annual Meeting, November 2 - November 6, 2013, Boston, MA.
- 2013 Reinschmidt K, Ingram M, Schachter K, **Sabo S**, Gomez S, Fernandez L, Carvajal S. Impact of a community advocacy intervention on partnering agencies and promotoras in southern Arizona. The 141st APHA Annual Meeting, November 2 - November 6, 2013, Boston, MA.
- 2012 **Sabo S**, Ingram M, Reinshmidt K, Redondo F, Schachter K, de Zapien J, **Fernandez L, **Robinson L, **Murrieta L, **Piper R, Carvajal S. Predictors and a Framework for Fostering Community Advocacy as a CHW Core Function to Eliminate Health Disparities. Poster Presentation. 140th APHA Annual Meeting: Prevention and Wellness Across the Lifespan. San Francisco, CA October 27-31, 2012.
- 2008 **Sabo S**, Ortega I and Arranda P, de Zapien J and Zapien A. Health of Mexican Migrant Farm workers: Critical elements of social responsibility in grape and vegetable production in Northern Mexico. Poster Presentation. 135th APHA Annual: Meeting Public Health Without Border. San Diego, CA October 2008.
- 2006 **Sabo S**, Carvajal S, Rubio-Goldsmith R, de Zapien J, Rosales C, McCormick M. Developing a mixed-method community-wide survey of health and human rights issues for South Tucson, Arizona. Poster Presentation. 134th APHA Annual Meeting: Public Health and Human Rights. November 4-8, 2006. Boston, MA.

SCHOLARLY PRESENTATIONS (* student co author, ** community co author)

Invited:

- 2006 Staten L, de Zapien J, **Sabo S**. Creating a State-wide Policy Agenda to Eliminate Health Disparities. Arizona Department of Health and Human Services Health Disparities Conference, Phoenix, AZ. May 2006.
- 2005 **Sabo S** and Staten L. Participatory Evaluation and the Arizona Steps Initiative: Planning, Implementation and Feedback. Steps to a Healthier US Cooperative Agreement, Centers for Disease Control (CDC) Workshop. Denver, CO. May, 2005.

Scholarly Presentations

Samantha Sabo, DrPH, MPH
Program Director, Transborder Initiatives

- 2014 **Sabo S**, Nez Henderson P, Yazzie A**, Clark H**, Nahee J**, Moore G, Leischow S.. Perceptions and Opinions about Smokefree Policies on Navajo Nation. Society for Research on Nicotine and Tobacco 20th Annual Meeting, Feb 5-8, 2014 Seattle, WA.
- 2013 **Sabo, S.** and Yazzi A**. Perceptions and Opinions about Smokefree Policies on Navajo Nation. Navajo Nation Human Subjects Review Board Annual Research Conference. October 23-24, 2013 Window Rock, AZ.
- 2013 Moor G, Leischow S, Nez Henderson P, **Sabo S**, Provan K, Okamoto J. Participatory Mixed Methods Research on Navajo Nation's Efforts Toward Commercial Smoke-Free Policies. Canadian Council for Tobacco Control 8th National Conference on Tobacco or Health, Ottawa, Ontario on November 25-27, 2013.
- 2013 **Sabo S.** Community Health Worker for Social Change. United States Public Health Service Scientific and Training Symposium. Glendale, Arizona May 21-24, 2013.
- 2013 Carvajal S, Cheng J, **Sabo S**, De Zapien J, Rosales C. Diabetes disparities in Latino adults in US-Mexico border: Are social context-related stressors contributing to stress? 141st APHA Annual Meeting: Think Global Act Local. Boston, MA November 2-6, 2013.
- 2011 Rosales C, Aranda P, Ingram M, **Sabo S**, de Zapien J, Zapien A, Ortega I. La frontera entre EE.UU. y Mexico: Un enfoque binacional para analizar las condiciones de vida y de salud de los jornaleros agricolas. Las migraciones regionales y extra regionales en, hacia y desde Latinoamerica y el Caribe: entre el mito y la realidad. 3rr Coloquio de Migracion Internacional. San Cristobal de las Casas, Chiapas, Mexico, November 10, 2011.
- 2010 **Sabo S**, **Fernandez L, **Redondo F, Ingram M. Arizona Community Health Workers Network (AzCHOW): Creating Unity and Honoring Diversity. Round Table Discussion. 138th APHA Annual Meeting: Social Justice: A Public Health Imperative. Denver, CO, November 6-10, 2010.
- 2008 **Sabo S**, Ortega I, Aranda P, de Zapien J and Zapien A. Discutiendo resultados de investigación y responsabilidad compartida: jornaleros, salud y derechos humanos. VIII Binational Policy Forum on Migration and Health, Zacatecas, Mexico, October 2008
- 2008 Rosales, C, **Sabo S**, Cornejo Vucovich E, Frontini, M. Creating Transborder Centers of Excellence for the Prevention of Chronic Illness (3) Systematic review of Promotora community and work-place based models in cross-border health promotion and chronic disease prevention. APHA, San Diego, Ca. Oct. 2008
- 2008 Ortega I, Aranda P, Guernsey De Zapien J, Zapien A, **Sabo S**, Rosales C, *Contreras Paniagua A, * Guadalupe Franco P, Ramirez Medina S, and Mercedes Rosas Coronado L. Health of Mexican Migrant Farmworkers: Critical elements of social responsibility in grape and vegetable production in Northern Mexico., Zacatecas, Zacatecas; Oct. 2008.

Samantha Sabo, DrPH, MPH
Program Director, Transborder Initiatives

- 2008 **Sabo S**, Ingram M, **Verdugo L, and de Zapien J. Arizona Community Health Workers Advocate for Community Change: How can the CHW work environment foster leadership in advocating for community-wide change. Round Table Discussion. 135th APHA Annual: Meeting Public Health Without Border. San Diego, CA October 2008.
- 2007 **Sabo S**, de Zapien J. Diplomado en Salud Publica: Engaging the Sonora-Arizona border health workforce in experiential learning to understand shared borders issues. Border Health Information for Action Conference. Rio Rico, AZ, April 2007.
- 2007 **Sabo S**, **Tittelbaugh I, **Coe N, and **Molina P. School Health Coordinators Committee (SHCC): Improving school and employee wellness through school-based interventions. Border Health Information for Action Conference. Rio Rico, AZ, April 2007.
- 2007 de Zapien J, **Sabo S**, Taren D, Denman C, and Cornejo E. Creating a Binational Space or Public Health at the U.S.-Mexico Border. Training Internship and Exchanges (TIES) Conference (USAID). Queretaro, Mexico, 2007.
- 2007 **Simpson R, Molina P, and **Sabo S**. Making our communities walkable: Santa Cruz County community members empowered toward policy change. Steps to a Healthier US Cooperative Agreement, Centers for Disease Control (CDC) Workshop. Seattle, WA 2007.
- 2006 **Sabo S**. School Health Coordinators Committee: Strengthening School-Community Partnerships with School Nurses. Steps to a Healthier US Cooperative Agreement, Centers for Disease Control (CDC) Workshop. Atlanta, GA 2006.
- 2006 **Sabo S**, de Zapien J. Workshop on Transborder Collaboration: Strengthening public health infrastructure and action through higher education. Arizona Rural Health Conference, Bisbee, AZ. July, 2006.
- 2006 Rosales C, De Zapien J, Carvajal S, Rubio-Goldsmith R, *Martinez D, **Sabo S**, *McCormick M. Preliminary findings on relations between health and human rights in a low income, predominantly Latino, Southwest Community; Presented at APHA Boston, Mass; November 18, 2006.

RESEARCH SUPPORT

Ongoing:

Co-Investigator. Networks Among Tribal Organizations for Clean Air Policies (NIH/NCI UO1 A154300) 50% effort, 08/01/2011 - 7/031/2015, \$66, 779.00. The goal of this award is to evaluate communication and collaboration patterns of the 'TEAM Navajo' coalition that is working to promote smoke free policies on the Navajo Nation and the knowledge and attitudes of individuals living and working on the Navajo Nation who are not part of TEAM Navajo and are either in favor of, opposed to or neutral /undecided about TEAM Navajo efforts.

Samantha Sabo, DrPH, MPH
Program Director, Transborder Initiatives

Investigator. Arizona Prevention Research Center Action for Health Project (CDC 5U48DP001925), 30% effort, 09/01/2010 - 09/01/2015, \$542,943.00. This community-based participatory research (CBPR) project aims to determine the effectiveness of integrating community advocacy into community health worker (CHW) outreach and education activities in increasing community-driven policy change related to chronic disease prevention within organizations, systems, and the broader social and physical environment in communities along the Arizona-Mexico Border.

Investigator. Arizona Health Education Center's Rural Health Professions Program, 15% effort, 01/01/2012 – 12/31/2013, \$105,074.00. Aims to improve, transfer, and institutionalize service-learning course experience, process, and outcome evaluation and dissemination of findings through peer reviewed scholarly products, manuscripts, and development of MPH student internship opportunities and collaborative grant collaboration with community partners.

Instructor. Maternal and Child Health Public Health Training Program (HRSA T76MC04925), 10% effort, 06/01/2005 - 06/31/2015, \$362,706.00. The overarching goal for the training program is to increase the numbers and quality of culturally competent MCH professionals who will provide the next generation of MCH public health leadership for the development of evidenced based policies, programs, and program evaluation to address the health and wellness of women, children and families throughout the Southwest and Rocky Mountain region and nationally.

Pending:

PI. Southern Arizona Workplace Health Research Network (SAWHRN) and the Business of Wellness Workplace Health Initiative. CDC-SIP 031, .20% effort, \$ 150,000.00 , 09/01/2014-08/31/2019. Use a community based participatory research (CBPR) approach to establish a multidisciplinary regional network of academic and community stakeholders in setting a research agenda for low wage, small business workforce and develop and test a Community Health Worker (CHW) intervention focused on the reduction of chronic disease related health disparities among this unique population.

Co-Director. Reaching and Training Practicing MCH Professionals in Navajo Communities through a University-Tribal College Partnership for Undergraduate and Graduate Education HRSA -14-074 Reaching Practicing MCH Professionals in Underserved Areas through Education and Training Program ,.20% effort,, \$ 150,000.00 , 09/01/2014-08/31/2019, American Indians (AIs) including the Navajo bear disproportionately high rates of poor maternal and child health (MCH) outcomes. The Navajo reservation is the size of West Virginia and is connected by a high proportion of dirt roads. Many families live in remote areas without access to MCH services. Tier 1 and Tier 2 public health (PH) professionals employed by tribal, state and federal programs are often the only source of health care and education for AIs. Yet, these professionals lack access to training to enhance skills related to MCH, data interpretation, evaluation, service integration, and leadership. The UA (UA) College of Public Health (COPH) and Diné College (DC) of Navajo Nation will build on a 10-year partnership and UA's graduate certificate in MCH Epidemiology to develop MCH under-graduate and graduate training for the Navajo Nation with transferability to others serving AIs.

Completed:

Samantha Sabo, DrPH, MPH
Program Director, Transborder Initiatives

Principal Investigator. Challenges to Farmworker Health at the US-Mexico Border: Testing an Ecological Model of Health. California Endowment Investigation in Migration and Health Program, 20% effort, \$10,000, 05/01/11-05/01/2013. The purpose of this dissertation award was to contextualize and test ecological determinants of farmworker mental and physical wellbeing and access to care in a binational context through a secondary data analysis. Mixed methods are used to model an ecological theoretical framework for understanding the social, cultural, economic and individual response, and access to care factors associated with Hispanic farmworkers health.

Investigator. Health Disparities Learning Collaborative, Community-Campus Partnerships for Health, 25% effort, 02/01/08-02/01/10. The overall goal of this project is to design, implement and evaluate a series of weeklong service learning courses in the areas of rural, urban, tribal and border health. The project will provide the opportunity for faculty members to participate in this service learning experience and strengthen our participatory research partnerships with our community partners that are working to eliminate health disparities at the U.S.-Mexico border.

Principal Investigator. Mariposa Community Health Center Healthy Start Evaluation Contract MCHC/HRSA Healthy Start. 30% effort, \$50,000.00. 06/01/07-04/01/11. This contract supports community based participatory evaluation of maternal and child health outcomes at the US-Mexico border and aims to strengthen the prenatal system of the region.

Investigator. Building a Transborder Observatory for Health at the U.S.-Mexico Border: A Case Study of Access to Health Services in Nogales, Sonora, and Nogales, Arizona. California Endowment Investigation in Migration and Health Program. 10% effort, \$ 50,000.00, 02/01/08-02/01/10. The goal of this award is to strengthen the binational inter-disciplinary, inter-institutional working group in the development of place based methodological approaches that translate public health research into action to improve access to health services in the Sonora-Arizona region.

Investigator. A Coalition of Centers of Excellence to Counter Chronic Disease on the US -Mexico Border. Ovations/ United Health Group. 10% effort, \$35,000.00, 01/2/08-02/01/10 This contract supports the strengthening of a binational inter-disciplinary, inter-institutional working group in the development of place based methodological approaches that translate public health research into action to improve access to health services in the Sonora-Arizona region.

Co-Investigator. The Health of Migrant Farm workers and a Model of Social Responsibility of Agricultural Enterprises in Sonora, México. California Endowment Investigation in Migration and Health Program. 10% effort, \$40,000.00, 02/01/06-02/01/08. This contract supports the binational interdisciplinary study of health issues facing the migrant farmworker population in Sonora, Mexico to provide a composite picture of the issue of the development, implementation, and impact of a model of social responsibility among grape and vegetable producers who depend on large numbers of migrant agricultural workers.

Coordinator. Transborder Collaboration to Strengthen the Public Health Infrastructure and Increase the Health and Competitiveness of Sonora, Mexico. USAID/TIES. 30% effort, 06/01/04-06/01/07. This contract supports the development of educational collaboration with Mexican academic and public health institutions to develop and implement public health graduate certificate program for Mexican health professionals.

Research Collaborator. Steps to a Healthier Arizona Evaluation Contract. CDC, 50% effort,

Samantha Sabo, DrPH, MPH
Program Director, Transborder Initiatives

10/01/03-09/01/08. This contract from the Arizona Department of Health Services is to provide technical assistance in program development and program evaluation in addressing diabetes, asthma, and obesity to four Arizona border communities.