

infocus

Volume 13 | Issue 1 | Fall 2016

Director's Message



This is the first issue of the 13th volume of InFocus, in other words we have been communicating through this venue for 13 years and this school year (2016-2017) SIRC celebrates its 15th year. SIRC's research portfolio continues to grow and expand based on the needs identified by our community partners and investigators. As we announced last year, CITIR (Center for International Translational Intervention Research) was born as part of such expansion. Through CITIR, SIRC's evidence based interventions are being adapted and tested by community-investigator teams in many countries around the globe. At the same time we are expanding our research partnerships within the US as the urban American Indian youth and family interventions are being planned for urban American Indian communities beyond the Southwest. All this work is made possible by the continuous commitment and hard work of our community partners, our competent staff and our very talented faculty affiliates. As students return from their break we at SIRC/CITIR reflect on a summer well spent advancing our respective missions in Arizona, the nation and the world. This issue of InFocus will give you a taste of our various projects and accomplishments. Thank you for all your contributions to the enterprise. Please continue to participate and keep in touch as a new school year unfolds, filled with many hopes and discoveries.

Peace and wellbeing,

Flavio F. Marsiglia, PhD
Regents' Professor and Director, CITIR & SIRC

Welcome visiting faculty and visiting scholars



We are pleased to welcome the following:

James Herbert Williams, PhD, MSW, MPA, Visiting Faculty

Dr. Williams has served as Professor, Dean, Distinguished Emil M. Sunley Endowed Chair, and Milton Morris Endowed Chair at the University of Denver, Graduate School of Social Work from 2007-2016. Prior to going to Denver, Dr. Williams was the Foundation Professor of Youth and Diversity at the ASU School of Social Work. Williams' research and scholarship focuses on K-12 academic performance, youth violence, delinquency prevention, adolescent substance use, race and gender differences, and mental health service needs and utilization patterns in urban schools. Dr. James Herbert Williams will spend a year with us at SIRC helping with our strategic planning and sustainability efforts as well as providing leadership on specific projects and cores. Welcome Dr. Williams!

Aigul Chinasilova, Visiting Doctoral Scholar, Kazakhstan

Aigul is currently a doctoral student at the Al-Farabi Kazakh National University located in Kazakhstan (central Asia). His research focuses on aging and social welfare.

Ayesha Bugvi, Visiting Doctoral Scholar, Pakistan

Ayesha is currently a doctoral student at the Institute of Social and Cultural Studies, University of the Punjab located in Pakistan. Her research focuses on challenges in optimal work performance of community health workers.

Health Equity Lecture Series*

September 7, 2016

Reducing Cardiometabolic Disease Risk among African American Women: The Role of Physical Activity, Culture, and Technology*

Rodney Joseph, Ph.D, Postdoctoral Fellow, College of Nursing & Health Innovation

* now available on sirc.asu.edu/content/presentations

September 21, 2016

Optimal Selection of Auxiliary Variables in Missing Data Procedures for Structural Equation Models

David Alarcón Rubio, Ph.D., Professor, Universidad Pablo de Olavide, Spain

October 5, 2016

Cultural Discordances: Experiences and perceptions of Somali Refugee Women and Healthcare Providers in childbearing in the context of female genital cutting (FGC)

Lubayna Fawcett, P.T., Ph.D., Assistant Professor in Physical Therapy, Mayo Clinic Faculty Research Affiliate Candidate

October 19, 2016

Do Differences in Sleep between Black and White Adults Exacerbate Cardiovascular Health Disparities

Megan E. Petrov, PhD, Assistant Professor, College of Nursing & Health Innovation

Early Career Faculty Fellow, Southwest Interdisciplinary Research Center

November 9, 2016

Barbering Health Literacy: Impacting Chronic Illness Management of Black Men's Health

Olga Davis, Ph.D, Associate Professor, Hugh Downs School of Human Communication

* All events held in University Center, Suite 720, Noon – 1 pm

Data Analysis Clinic

The Data Analysis Clinic (DAC) provides on-going methodological and statistical support and training to investigators, students & the community. Held weekly, Wednesdays, beginning August 31st, 1:30 – 2:30 pm, University Center, Room 720A.

2016 Conference Recap

The 13th Annual Research Conference, Culture as an Anchor in Preventing and Reducing Health Disparities, was held April 9, 2016. There were 239 in attendance representing 5 countries, 24 universities, and over sixty organizations. Our keynote speaker, Donald Wame, MD, MPH was well received in his discussion of American Indian Health Equity. This year's conference also highlighted the work of our new Center for International Translational Intervention Research (CITIR), with faculty partners presenting their work on the topics of substance abuse and mental health issues in Mexico. This year's Scientific Leadership Award was presented to Dr. Eddie F. Brown (Professor Emeritus, ASU) and the Community Leadership Awards were presented to Dr. Randal Christensen, Division Chief of Pediatric and Adolescent Medicine, Phoenix Children's Hospital, George Greathouse, Retired Barbershop Owner, Esquire Barbershop, and Dr. Micheal R. Zent (1947-2016), President and CEO, Jewish Family & Children's Service. We are incredibly thankful to our sponsors, presenters, facilitators, faculty, staff, community partners, and the community for making this 13th annual conference a huge success.

Southwest Interdisciplinary Research Center



Community Leaders in Promoting Health Equity

The American Dream Academy's (ADA) Director, Alex Perilla along with ADA staff and facilitators were recognized with a Community Leadership Award for Promoting Health Equity on April 4, 2016 by Dr. Marsiglia and the SIRC team. ADA and SIRC successfully completed a three year partnership to implement the Families Preparing the New Generation (FPNG) parenting curriculum and the keepin' it REAL (kiR) youth drug prevention intervention in 19 Phoenix area public middle schools with 533 Latino parents and youth. The effectiveness trial is funded by the National Institute on Minority Health and Health Disparities of the National Institutes of Health and is aimed at equipping a community-based organization such as ADA with an evidence-based curricula to test the effectiveness of implementing the programs in a real-world setting. ADA will continue to make the FPNG and kiR programs available through their extensive ASU – K-12 school partnerships across the Valley.

Community corner

In an effort to increase community-wide health literacy, SIRC and its Community Advisory Board (CAB) engage in a collaborative process to translate research to practice. The CAB selects publications that inform about health equity, prevention, and interventions that are relevant to the communities they serve. Together, SIRC and CAB develop "Research in Action" research summaries, and "Policy Briefs," conduits to affect action and advocacy.

This fall season, download and share a copy of the latest Research in Action, "The Influence of Family and Friends on American Indian Youth's Intent to Use Substances." This article advances understanding of the familial influence and peer interactions that protect urban American Indian youth from using alcohol, cigarettes, and marijuana. This is one of few studies to examine the influence of grandparents on urban American Indian youths' intent to use substances.

Listed below is other research to practice publications ("Research in Action" and "Policy Briefs") ready for dissemination.

Research in Action

- The Influence of Family and Friends on American Indian Youth's Intent to Use Substances
- The Need for Mental Health Screening for Refugee Women
- Diabetes Related Stress and the Importance of Self-Care
- The Importance of Acculturation on Latina Women's Health

Policy Briefs

- Effectiveness of Promotoras in Engaging Latino Parents
- Acculturation and Life Satisfaction among Mexican immigrants
- Battling School Bullying: what works to make schools safer?

Faculty research affiliate news

Congratulations to Drs. Olga Davis and Kelly Jackson on their recent promotion and tenure appointments.



Science in the City

The Community Engagement and Outreach Core (CEOC) of the Southwest Interdisciplinary Research Center (SIRC) hosted the annual Phoenix Union High School District's 8th grade summer program: Science in the City. The SIRC CEOC, in collaboration with ASU's Center for Health Promotion and Disease Prevention (CHPDP) in the College of Nursing and Health Innovation (CONHI), welcomed an average of 28 students and teachers from the Phoenix Union High School District and its feeder elementary districts on June 7, 14 and 21. Each of the three sessions allowed students to learn about SIRC's health disparities research programs, prevention of diabetes, and the importance of staying active and eating healthy foods. The students learned about the SIRC research projects and participated in physical fitness activities at the Downtown Sun Devil Fitness Center. Each session concluded at the Downtown Taylor Active @ASU Kitchen by creating healthy snacks from granola, low fat yogurt, and fruit. The SIRC-CONHI collaborative, community-university event could not have been successful without the involvement of the volunteers of St. Vincent de Paul, American Diabetes Association, CHPDP Youth Advisory Board, and CONHI Doctor of Nursing Practice, who donated time and resources to teach students about sugar and fat content in foods, the importance of sleep, and maintaining a healthy blood pressure.

Southwest Interdisciplinary Research Center (continued)

Health Policy Advocates

The Southwest Interdisciplinary Research Center (SIRC) Community Engagement and Outreach Core (CEOC) concluded its six-week Health Policy Advocacy training on June 9, 2016. The advocacy series kicked off its third cohort on May 5, 2016, with 24 participants. The 23 participants who completed the course represented a diverse scope of the community including: Center for Neighborhood Leadership, Maricopa County Department of Public Health, Asian Pacific Community in Action, Chicanos Por La Causa, St. Mary's Food Bank, higher learning institutions including ASU, Midwestern, and Grand Canyon, and other local agencies. The purpose of the training is to inspire and equip citizens with the necessary skills to become active advocates so they can build relationships with policy makers. We are grateful to the City of Phoenix's HOPE VI Emmett McLoughlin Community Training and Education Center for hosting this training. Health advocacy facilitators, Timothy Schmaltz and Catherine Eden, PhD, delivered "...an incredible training as much for the depth of planned curriculum, as the brilliance of the humans in the cohort," stated one participant. Another participant added, "From the content of this training, I will be able to advocate for change by organizing at public forums and reaching out to many individuals. I will be able to advocate appropriately and with correct avenues." Participants learned about health disparities and the health care system in Arizona, framing political messages, and how to work through community groups and coalitions.



From left to right: Lilliana DeSantiago Cardenas, Lyle Bartelt, Cindy Quintero, Ashley Lynch, Gitika Pawar, David Martinez III, Chavon Boston, Dr. Catherine Eden, Loyal Rabat, Dr. Hope Voto, Jessie Green Gruner, Tamira Burns, Nicole Vaudrin, Leonor Camarena, Carmen Heredia, Veronica Perez, Morgan Anderson, Jessica Roberts, Toireasa Corrales, and Timothy Schmaltz. Not pictured: Karen Armknecht, Frank Castillo, Hillary Ceja, Viridiana Hernandez, and Alexis McKinley.

NIMHD Health Disparities Research Institute Scholar



Airin D. Martinez, assistant professor in the School of Transborder Studies and an Early Career Faculty Fellow with the Southwest Interdisciplinary Research Center, has been selected as a 2016 National Institute of Minority Health and Health Disparities (NIMHD) Health Disparities Research Institute Scholar. The Institute, held August 15-19 in Bethesda, Maryland, provides participants with a broad overview of the leading issues facing minority health and health disparities. It also supports development of individual projects by promising scientists early in their careers. Dr. Martinez' research seeks to integrate both biobehavioral and socio-ecological approaches to understand how the local implementation of immigration enforcement policies creates material deprivation and psychosocial stress in mixed-status families. She is currently leading a Phoenix-based, pilot study examining how chronic stressors, including fear of deportation, are related to salivary biomarkers for stress and inflammation among mixed-status, Mexican families.

Office of Evaluation and Partner Contracts

Using Data to Empower Arizona Communities is a free training designed to teach preventionists, community leaders and coalitions, policymakers, and other key stakeholders who work on issues related to substance abuse to better use the vast data resources to guide program planning, implementation and evaluation.

Led by Wendy Wolfersteig, PhD, Director of SIRC's Office of Evaluation and Partner Contracts, this project is a collaborative effort with the Governor's Office of Youth, Faith and Family, and the Substance Abuse Epidemiology Work Group (Epi Work Group) of which she has been a member for 13 years.

You can request this free training for your group or organization, participate in several of the modules online, and check-out the informational video at sirc.asu.edu/content/webinars

Center for International Translational Intervention Research

keepin' it REAL in Mexico

The bi-national research team led by CITIR in collaboration with the National Psychiatry Institute of Mexico, the Autonomous University of Nuevo Leon, and The Milton H. Erickson Institute of Guadalajara have initiated Year 2 of the 5 year cultural adaptation and randomized controlled trial of keepin' it REAL in Mexico's three largest cities: Mexico City, Guadalajara, and Monterrey. In Year 1, teams in each site trained teachers to implement keepin' it REAL with 7th grade students and received feedback on cultural adaptation through implementation, and student and teacher focus groups. Drs. Marsiglia and Kulis and the R01 Mexico team met in Guadalajara in August, 2016 in preparation for Year 2 which will involve a revised curriculum based in the Mexican context, and new videos as part of the program that will reflect students from all 3 major Mexican cities.



keepin' it REAL in Spain

The keepin' it REAL or Mantente REAL pilot study in Sevilla, Spain was completed in the spring 2016 semester in collaboration with the Universidad Pablo de Olavide, 10 middle school teachers, and 274 7th grade students. Drs. Marsiglia and Kulis led the keepin' it REAL teacher training with CITIR's research partners in Spain, including Dr. David Alarcón who will complete his 6-month International Exchange Scholar Fellowship with CITIR in October, 2016. The project will continue as more Sevilla schools and students receive the school-based intervention and further data analysis is done to glean insight on cultural adaptation in the Spanish context, and effectiveness of prevention against youth-substance abuse and risk.

Family Migration and Child Development [PHOTO -7]

The Family Migration Context and Early Life Outcomes (FAMELO) P01 study led by Dr. Jennifer Glick (PI) and funded by the National Institute of Child Health and Human Development is preparing for data collection from 2,000 households each from Mexico, Nepal and Mozambique. This will increase knowledge on the role of familial migration and children's development which can inform programs and policies directed at children in areas with a high prevalence of labor migration. Dr. Marsiglia (Co-I) specifically provides leadership to the Mexico site in Guadalajara in partnership with site director, Dr. Bertha Nuño.





Aku Anyi Swastha: Help for Health

Aku Anyi Swastha (AAS)-Help for Health, is a community-based participatory research project that was developed to bridge the gap in health literacy in vulnerable communities by enhancing the dissemination of health information in order to improve access to health care services and the adoption of preventive health behavior. During the first two phases of the project, eleven members of the Burmese and Bhutanese refugee communities in Phoenix were recruited and trained to become Community Health Advisors (CHAs) and Certified Application Counselors (CACs) using the Train-the-Trainer (TTT) Method. In addition to increasing access to health care by enrolling a total of 318 Burmese and Bhutanese refugees in health care plans using the online Marketplace through the Affordable Care Act, the CHAs also assessed health literacy needs and disseminated relevant health information within their respective communities. The next steps will be to focus on addressing mental health concerns which was identified as a health priority in the Burmese and Bhutanese refugee communities. Through a partnership with Catholic Charities Community Services and the Refugee Women's Health Clinic, the AAS initiative will embark upon a collaborative pilot program to train the CHAs to implement culturally and linguistically appropriate adjustment support groups which will enable them to increase Burmese and Bhutanese refugees' access to and utilization of mental health services through Maricopa County's regional behavioral health providers.



Dr. Crista Johnson-Agbakwu Receives Funding to Improve Female Genital Cutting-related Health Services

The U.S. Department of Health and Human Services (HHS) Office on Women's Health (OWH) has provided \$6 million in grant awards over a 3-year period to cities across the nation. Eight sites, including Arizona State University, were selected to address the gaps and problems in female genital cutting (FGC) related health care services for women and girls living in the U.S. who experienced FGC. The funds will also be used to prevent FGC of women and girls living in the U.S. who are at risk for having the procedure conducted here or in another country. Arizona continues to remain among the top refugee resettlement states in the country resettling nearly 75,000 refugees since 1975. The focus of Dr. Johnson-Agbakwu's research is to refine and enhance the provision of FGC-related health care and social services for women who have experienced FGC in Arizona.

Ayón, C., Baldwin, A., Umaña-Taylor, A. J., Marsiglia, F. F., & Harthun, M. L. (2016). *Agarra el momento/ seize the moment: Developing communication activities for a drug prevention intervention with and for Latino families in the US Southwest*. *Qualitative Social Work*, 15(2), 281-299.

Kulis, S. S., Ayers, S. L., Harthun, M. L., & Jager, J. (2016). *Parenting in 2 Worlds: Effects of a culturally adapted intervention for urban American Indians on parenting skills and family functioning*. *Prevention Science*, 17(6), 721-731. doi: 10.1007/s11121-016-0657-0

Kulis, S. S., Booth, J. M., & Becerra, D. (2016). *Drug resistance strategies of early adolescents in Mexico: Gender differences in the influence of drug offers and relationship to the offeror*. *Substance Use and Misuse*, 51(3), 370-382. doi: 10.3109/10826084.2015.1110171

Marsiglia, F. F. & Booth, J. (2015). *Cultural adaptation of interventions in real practice settings*. *Research on Social Work Practice*, 25, 423-432. doi: 10.1177/1049731514535989.

Martinez, M. J., Kawam, E., Marsiglia, F. F., Wright-Salas, C., Ayers, S. L., Porta, M. (2016). *School connectedness and substance use in Guatemalan youth: Does gender matter?* *Advances in Social Sciences Research Journal*, 3, 185-198. doi:10.14738/assrj.34.1923

Shaibi, G. Q., Konopken, Y., Nagle-Williams, A., McClain, D. D., Castro, F., & Keller, C. (2015). *Diabetes prevention for Latino youth: Unraveling the intervention*. *Health Promotion Practice*, 1-9. doi: 10.1177/1524839915603363

Ayers, S., Jager, J., & Kulis, S. (2016, June). *Using latent variable interaction modeling to understand ecodevelopmental influences on substance use for urban American Indian adolescents*. Oral presentation at the annual conference of the Society for Prevention Research, San Francisco, CA.

Davis, O. I. (2016, June). *Watching our brotha's back: Black barbers as community health navigators of cardiovascular disease from a life course perspective*. Poster presentation at the annual conference of the Society for Prevention Research, San Francisco, CA.

Dustman, P., Harthun, M., Wolfersteig, W. L., & Morales, K. (2016, June). *Developing and testing parent education workshops to prevent child abuse and neglect as supplemental to an evidence-based parenting intervention*. Oral presentation at the annual conference of the Society for Prevention Research, San Francisco, CA.

Marsiglia, F. F. & Kulis, S. S. (2016, June). *Drug resistance strategies of early adolescents in Guadalajara, Mexico: Gender differences in the influence of drug offers and relationship to the offeror*. Poster presentation at the annual conference of the Society for Prevention Research, San Francisco, CA.

Marsiglia, F. F. & Kulis, S. S. (2016, June). *Translating and adapting efficacious prevention interventions in partnership with Latin American collaborators*. Poster presentation at the National Institute on Drug Abuse International Program, Palm Springs, CA.

Marsiglia, F. F., Kulis, S., & Porta, M. (2016, June). *Mantente REAL (keepin' it REAL) in Guatemala City: A test of a middle school-based US model program in vulnerable neighborhoods*. Oral presentation at the annual conference of the Society for Prevention Research, San Francisco, CA.





Southwest Interdisciplinary Research Center | Center for International Translational Intervention Research

411 N. Central Avenue
Suite 720
Phoenix, AZ 85004-0685
602-496-0700
sirc.asu.edu

SIRC is Funded by | The National Institute on Minority Health and Health Disparities of the National Institutes of Health (NIMHD/NIH), award: P20MD002316 | The National Institute on Minority Health and Health Disparities of the National Institutes of Health (NIMHD/NIH), award: R01MD006110 | Arizona State University | Evaluation contracts with community partners. For more information visit our website: sirc.asu.edu

CITIR is Funded by | The National Institute on Drug Abuse of the National Institutes of Health (NIDA/NIH), award: R01DA038657 | The Eunice Kennedy Shriver National Institute of Child Health & Human Development of the National Institutes of Health (NICHD/NIH), award: P01HD080659 | U.S. Department of Health and Human Services Office on Women's Health (OWH), award: ASTWH160045 | Arizona State University. For more information visit our website: sirc.asu.edu/citir

