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Mission

The Center for Health Promotion and Disease Prevention is a collaborative transdisciplinary faculty that conduct translational research, training and outreach activities in close partnership with communities to improve health and prevent disease in vulnerable populations across the lifespan.

Administrative Core
Allocation of resources, governance, human resources, and coordination of activities across cores

Research Core
Conduct and disseminate extramurally-funded translational research focused on health promotion and disease prevention

Mentoring Core
Support the next generation of health promotion and disease prevention scientists

Community Engagement Core
Engage local community members, agencies, and stakeholders to increase community collaborations and visibility
Letter from the Director

It is a pleasure to present the 2016-2017 annual report for the Center for Health Promotion and Disease Prevention (CHPDP) in the College of Nursing and Health Innovation at ASU. With two years experience as a center, we have made great strides in the areas of research, training, and community engagement. From a research perspective, last year was incredibly productive with substantial increases in extramural funding (12 new awards) and peer-reviewed publications (more than 60). We are also very proud of the many talented mentees who have earned awards and recognition for their hard work (see page 8). Lastly, as an academic research center that is committed to working closely with our surrounding communities we were honored to host an open house event that highlighted the important work of our Youth Advisory Board.

These accomplishments are a testament to our talented faculty, dedicated staff, and strong support from our college. I invite you to look over our annual report and would love to hear any feedback, thoughts, or suggestions as we embark upon another year.

Sincerely,

Gabriel Shaibi, PhD
Associate Professor and Southwest Borderlands Scholar
Director, Center for Health Promotion and Disease Prevention
Preventing Diabetes in Latino Youth
PI: Gabriel Shaibi
In its second year, this NIH-funded study tests the effects of a community-based diabetes prevention program for high-risk youth. Partners include the YMCA, St. Vincent de Paul Family Wellness Program and Phoenix Children’s Hospital. Click here to learn more about this project.

Partnering for PA in Early Childhood: Sustainability via Active Garden Education
PI: Rebecca Lee
Sustainability via Active Garden Education (SAGE) is a NIH-funded garden-based physical activity and nutrition intervention for preschool-aged children. The SAGE curriculum uses a school garden as a metaphor for child development and engages children in interactive games, songs, and learning activities. Click here to learn more about this project.

Take action for AZ children through care coordination: A bridge to action
PI: Elizabeth Reifsnider
This PCORI funded project is focused on building a broad-based coalition to address the care-coordination needs of children with special healthcare needs (CSHCN) and their families. This project is designed to address the families’ needs for care coordination through creating a statewide (Arizona) system that can be tested through patient-centered outcomes research. Click here to learn more about this project.

Smart Walk: A Smartphone Physical Activity Program for African American Women
PI: Rodney Joseph
In its first year, this NIH-funded study focuses on testing the effects of culturally relevant, theory-based Smartphone-delivered intervention to increase physical activity and reduce cardiometabolic disease risk among African American women residing in the Phoenix metropolitan area. Click here to learn more about this project.

Recovery and Rejuvenation (Effects of Meditative Movement (Qigong/Tai Chi Easy) on Fatigued Breast Cancer Survivors
PI: Linda Larkey
The purpose of this NIH funded project is to explore ways of helping women recover from breast cancer. It is very common for breast cancer survivors to report feelings of fatigue for months and even years after treatment. The goal of this project is to explore ways of improving levels of fatigue through classes that have been carefully designed to help women find their way back to wellness. Click here to learn more about this project.

Improving Diabetes Management and Quality of Life in Latino and Latina Patients with Type 2 Diabetes
PI: Felipe Castro
The goal of this Mayo Clinic/ASU Obesity Solutions funded project is to conduct a proposed Integrative Mixed Methods study on culturally-relevant approaches for promoting effective diabetes management among elder Latino and Latina patients with type 2 diabetes. Click here to learn more about this project.

Couple Communication in Cancer: A Multi-Method Examination
PI: Shelby Langer
This NIH-funded study aims to examine communication, mood and adjustment among couples coping with breast, colon or rectal cancer, using multiple methods ranging from standard questionnaires to lab-based couple conversations to daily assessments using smartphones. Partners include Duke University, the University of Washington and Fred Hutchinson Cancer Research Center. Click here to learn more about this project.
By the Numbers
Faculty Productivity

32 abstracts & presentations

24 grants submitted

3 book chapters

12 grants funded

61 peer-reviewed publications

5.17 million in new awards

33.6% increase in # of publications

100% increase in # of grants funded
Mentorship and Training

The aim of our Mentorship Core is to support the next generation of health promotion and disease prevention scientists. Emphasis is placed on developing and submitting competitive research proposals, and advancing the scholar’s academic portfolio through presentations at scientific conferences and publications in the peer-reviewed literature.

75 Trainees

- 8 Junior Faculty
- 5 Fellows
- 2 Medical
- 27 Doctoral
- 3 Masters
- 29 Undergraduate (19 Honors)
- 1 High School

39 peer-reviewed publications

15 abstracts and presentations
Dr. Shelby Langer supervised a visiting scholar from Denmark, Christine Lehane, MSc. Ms. Lehane is a graduate student in the Department of Psychology at the University of Copenhagen, expected to earn a doctoral degree in the fall of 2018. The month-long visit has so far produced one published manuscript (Langer, Lehane & Yi, 2017) and collaboration on a daily diary study of communication among couples coping with sensory loss.

Jamie Karch, an undergraduate honors student in the College of Nursing and Health Innovation, was selected as a 2016-2017 Bidstrup Undergraduate Fellow by ASU’s Barrett Honors College. The fellowship recognizes Jamie’s commitment to academic excellence and will support her research under the mentorship of CHPDP director, Dr. Gabriel Shaibi.

Tara Perkins, a PhD student mentored by Dr. Felipe Castro, published an article titled Psychometric Properties of the DASS-21 Among Latina/o College Students by the US-Mexico Border in the Journal of Immigrant and Minority Health.

Dr. Erica Soltero’s abstract, titled “Comprehensive Lifestyle Intervention Improves Quality of Life in Obese Latino Youth”, was selected as a top ten abstract by the Pediatric Obesity Section during the Obesity Society’s annual meeting held on November 3rd in New Orleans. Dr. Soltero is a postdoctoral fellow in ASU’s Center for Health Promotion and Disease Prevention, who is mentored by Dr. Gabriel Shaibi.

The National Cancer Institute awarded supplemental funding to support Dr. Francisco Munoz, a post-doctoral fellow from the Pomona Valley Hospital Medical Center, who is working with Dr. Linda Larkey. The 2-year supplement will allow Dr. Munoz to add markers of inflammation and cognitive function to Dr. Larkey’s ongoing R01 titled, “Recovery and Rejuvenation”.

Elizabeth Lorenzo, a PhD student mentored by Dr. Rebecca Lee, had the second highest scoring Doctoral Level abstract submitted for presentation at the International Conference on Transport and Health (ICTH) to be held in Barcelona, Spain 27-29 June 2017. The title of her abstract is “Is Active Transportation Associated with Cardiometabolic Health Outcomes among Minority Women?”
Community Engagement
Engaging communities through partnerships

Phoenix Collegiate Academy Outreach Fair
Youth Advisory Board (YAB) members attended the Phoenix Collegiate Academy (PCA) Outreach Fair to promote their work and share their experiences with other youth. Through this event, YAB members were able to practice their leadership and public speaking skills while expanding their network.

City of Phoenix Latino Institute: PHX Kids Get Fit! Community Health Event
YAB members volunteered their time to inform community members about how to make good nutrition choices, why daily physical activity is important, and what the CHPDP is doing in their research to help grow the science of health promotion and disease prevention to make a positive impact on vulnerable community members.

NCLR National Latino Family Expo
The CHPDP showcased the center’s various research studies, distributed recruitment information, and promoted physical activity through a kid-friendly interactive game which showed the children how to perform different exercises. The National Latino Family Expo is one of the largest events in the country focused on providing resources and activities for the entire family, with an average attendance of over 20,000 and more than 150 exhibitors.

CHPDP Summer Work with Science in the City Program
The CHPDP assisted the Southwest Interdisciplinary Research Center (SIRC) with the annual Phoenix Union High School District Science in the City Program. This program provides 8th grade students the opportunity to come to the ASU campus and learn about SIRC’s research projects, in addition to participating in physical activity exercises and nutrition in the kitchen.

American Diabetes Association Health Fair
CHPDP staff and YAB members distributed information about the center’s mission, provided information on faculty research studies and promoted healthy living through an interactive physical activity game.

This year we...
attended 7 community events
received 80 Facebook page “likes”
gained 67 Twitter followers
were re-tweeted 36 times
Youth Advisory Board
Ambassadors to the community

What is the YAB?
The Center for Health Promotion and Disease Prevention Youth Advisory Board (YAB) is a scientific advisory, service-learning, and leadership development program where youth, between the ages of 14 and 17, serve as advisors to the center’s faculty, mentees, and staff, and as health promotion ambassadors to their communities.

- 13 members (6 female, 7 male aged 14-17)
- 9 total sessions
- Community Project: Southwest Keys Shelter Toy Drive
- Faculty Advisement Sessions: 5
- Topics: HPV Vaccination Promotion Intervention (Chen), DEXA Scan and Pregnancy Testing (Shaibi), Viv Maryvale Website Project (Soltero)

YAB in the Community
Through community engagement activities, the CHPDP Youth Advisory Board members learn to identify and appreciate the needs of community members while promoting the YAB’s work and available opportunities within the CHPDP. The youth participated in multiple community events this year including the ADA Health Fair, City of Phoenix Latino Institute: PHX Kids Get Fit! Community Health Event, and the Phoenix Collegiate Academy Outreach Fair.

Fall Health Promotion Project
To promote healthy living and emotional well-being, the YAB members delivered wellness activities and gifts to the 138 children and teens currently living at a valley youth shelter. The YAB members worked hard gathering donated toys through their schools, churches, families, and friends. The goal was to raise at least 150 toys and within 2 weeks the YAB members raised over 350 toys!

How did the YAB improve?
In its second year the YAB achieved the following objectives:

- Increased the amount of participants to 10-15 youths
- Recruited new members by partnering with school teachers and staff
- Established Youth Board Committees
- Identified a community project and carried out the tasks necessary to complete it
- Established Social Media presence
- Established a qualitative evaluation plan for the program
- Developed a focus group structure
- Revised curriculum utilizing focus group and qualitative evaluation items

“Being part of the ASU community since my junior year has really made a phenomenal impact on my life. Through this I have learned to be a more influential leader and speaker for my community.
- Angelica, YAB member

YAB members at the Southwest Keys Shelter
2016-2017
A year of growth and productivity

August 2016
CHPDP welcomes new faculty member Dr. Shelby Langer!

September 2016
Dr. Langer’s R01 funded by the National Cancer Institute (NCI)

November 2016
Congratulations to Dr. Castro for his work on the first-of-its-kind “Facing Addiction: The Surgeon General’s Report on Alcohol, Drugs, and Health”

January 2017
Dr. Shaibi has chapter published in new book on pediatric obesity

October 2016
CHPDP featured in the CONHI 2016-2017 Innovations in Nursing and Health magazine

August 2016
Dr. Reifsnider awarded ASU’s first Patient Centered Outcomes Research Institute (PCORI) award

December 2016
CHPDP Youth Advisory Board promotes healthy holidays at Phoenix youth shelter
February 2017
Dr. Lee’s abstract submitted to the International Conference on Transport and Health is awarded the highest score among researchers.

April 2017
CHPDP hosts its 1st Annual Research Program Presentation and Open House.

March 2017
Dr. Castro receives Mayo Clinic/ASU Obesity Solutions Seed Grant.

April 2017
CHPDP receives the 2nd highest amount of commitments within CONHI on Sun Devil Giving Day.

May 2017
Dr. Reifsnider receives clinical trial funding.

June 2017
Dr. Larkey receives seed grant from the Institute for Social Science Research (ISSR).

August 2017
Drs. Kelly Cue Davis and Rodney Joseph join the CHPDP!

August 2017
Dr. Keller is selected to receive The Ohio State University (OSU) College of Nursing Alumni Society’s Mildred E. Newton Distinguished Educator Award.

February 2017
Dr. Lee’s abstract submitted to the International Conference on Transport and Health is awarded the highest score among researchers.
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