

Meeting Minutes: Schools & After-School Domain November 21, 2017: 2:30 p.m. – 3:30 p.m. 2-1-1 San Diego 3860 Calle Fortunada, Rm. 114 San Diego, CA 92123	Next Domain Meeting: Schools & After-School Domain January 16, 2017: 2:00 p.m. – 3:30 p.m. 2-1-1 San Diego 3860 Calle Fortunada, Rm. 114 San Diego, CA 92123
Attendees: Angeles Nelson, Dan Fesperman, Nina Ghatan, (CHIP), Anali Garces, Barbara Hughes, Beatrice Lomer, Daniel Barajas, Deirdre Kleske, Erika Hernandez, (HHSA), Heather Cruz (CVESD), Christine Tu, Jamie Moody, Kelsey Fahy, Rubia Sohail (UCSD), Kim Speckhahn (North County WIC), Kristin Haukom (Alta Planning), Lynn Barres-Wallace (SDUSD), Paige Metz (SDCOE), Shohre Zahedi (Hygia Weight Loss & Nutrition), Staci Boretzky (Alliance for Healthier Generation), Stella Weaver (UCCE), Yuka Asada (University of IL Chicago)	

Topic/Issue	Discussion	Action
Welcome	<ul style="list-style-type: none"> Deirdre Kleske led introductions. 	
Announcements	<ul style="list-style-type: none"> County NEOP (Nutrition Education and Obesity Prevention) Specialists are in each County region. If you have nutrition education needs for students or parents (in schools or communities that are SNAP eligible) please contact Barbara Hughes at barbara.hughes@sdcounty.ca.gov 	
Climate Change and Physical Activity- Dr. Jenni Vanos, Scripps Institute of Oceanography	<ul style="list-style-type: none"> Dr. Vanos' research focuses on understanding the impact of environmental heat on human health, with a focus on vulnerable populations, including children. Most recently Dr. Vanos has been using data to guide creation of environments conducive to physical activity and health promotion. Healthy urban spaces consider the function to ensure it is thermally comfortable based on its purpose. Bioclimatic design works to change the microclimate to make it more comfortable for users and considers usability for future generations. Children's bodies do not regulate heat as well as adults for various reasons (they are closer to the ground, they have a smaller body surface, they don't always recognize signs of dehydration or heat stroke) so they are more vulnerable. Dr. Vanos published a multi-case surface temperature analysis to understand the impact of heat on a playground, measuring the temperature of playground equipment and equipment under shade sails. For example, In October 2017 the surface temperature of a slide on a playground in El Cajon reached 135 degrees Fahrenheit. A 2016 pilot study in Lubbock, Texas used a weather station to identify impact of shade on heat balance and physical activity. Dr. Vanos is currently researching the differences in children's activity levels in sun versus shade. One finding is that, while children spent less time in the sun they got more activity in the sun versus the shade (likely because of the types of activities available in each setting). 	<ul style="list-style-type: none"> Paige/Lynn will connect to Dr. Vanos to identify schools interested in pilot projects.

	<ul style="list-style-type: none"> • They found that the children get more activity in the sun, but spend less time in the sun. • Since the air temperature doesn't vary much between the shade and the sun the research hopes to capture body temperatures using bio-sensing with epidermal electronics that use Bluetooth to show real time temperatures, heart rate, etc. to show the effects of increased UV exposure on body temperature. • Safe playground designs look at fall heights, surface beneath playground, and incorporating more green space in urban areas with woodchips, naturalized playgrounds and shade. • Challenges in San Diego include: lack of data, parks and schools in low income areas have fewer resources for shade protection, and school fields do not have irrigation to grow trees. • Joint use agreements could help offset some of the development and maintenance costs of transforming more sunny play spaces into shadier parks/playscapes with trees, artificial shade, and water stations. • Dr. Vanos has worked with the University of Tokyo to promote using data in to design healthy venues for the summer 2020 Olympic Games. <ul style="list-style-type: none"> • Her work considered heat index data from the Olympic marathons in the years 1964- 2016. To date, Athens, Greece has had the hottest conditions during the marathon. Data led to modeling "energy budgets" for marathon spectators to pinpoint areas of heat concern and make recommendations for shade, water, cooling stations, and availability of emergency responders. 	
COI and Farm to School Taskforce Updates- Dan Fesperman, CHIP	<ul style="list-style-type: none"> • First COI partner orientation will be 12/11 from 10-11:30 at HHSA. • Elizabeth Vaughan is leaving CHIP's Food Systems team to move to the Bay Area. We are hiring a new Food Systems Manager if you are interested in applying. 	
Project Planning	<ul style="list-style-type: none"> • Key Focus Areas for the next two years: <ul style="list-style-type: none"> • Continuing to support implementation and assessment of progress of School Wellness Policies. • Increasing after-school integration with wellness work. • Supporting Safe Routes to School/Vision Zero. • Continue providing a forum for partner education and collaboration. • Kristin Haukum will lead the effort to support safe routes to school/ Vision Zero. Kristin is with Alta Planning and also participate in the Government Domain. She will act as a liaison between the two domains on this project. • SAVE THE DATE: Workshop on February 9, 8:30 – 11:30 at San Diego County Office of Education "Assessing Wellness Policy Implementation: the Who, the Why, and the How". In addition to Schools & After-School Domain work group partners, this workshop is for school district child nutrition leads, district and site wellness leads, wellness committee members, and other district and school staff involved with wellness policy 	<ul style="list-style-type: none"> • COI/CHIP to send the save the date for the Feb. 9 wellness workshop to work group and Farm to School Task Force.

implementation, PTA and PTO leads, leads of school-site preschool and after-school programs, and anyone else supporting healthy school environments! Please pass this on as appropriate.

- Partner Education & Collaboration – Presentation Schedule
 - **January-** UC Cooperative Extension and Wild Willow Farms Education Center will be presenting on resources for schools. Nina will also present on the COI Mini-Grant Program.
 - **February-** workplan development.