
HEAT & HUMAN HEALTH SUMMIT 2025



SATURDAY, AUGUST 16TH, 2025

HOSTED BY: UC SAN DIEGO SCHOOL OF MEDICINE,
KAISER PERMANENTE, & SAN DIEGO FOUNDATION

Saturday, August 16th

SCHEDULE

8:00 - 8:45 AM	Registration & Breakfast
9:00 - 9:15 AM	Opening Remarks
9:15 - 10:00 AM	Plenary
10:15 - 11:00 AM	Breakout Session 1
11:15 - 12:00 PM	Breakout Session 2
12:15 - 1:45 PM	Lunch & Poster Sessions
2:00 - 2:45 PM	Breakout Session 3
3:00 - 3:30 PM	Closing Remarks

ADDRESS

UC San Diego Medical Education
and Telemedicine Building

3160 Biomedical Sciences Wy, La
Jolla, CA 92093

PARKING

South Parking Structure

3101 Biomedical Sciences Wy
La Jolla, CA 92093

8:00 - 8:45 AM

Registration & Breakfast | *Courtyard*

Catered by Corner Bakery

9:00 - 9:15 AM

Opening Remarks | *Ong Family Lower Auditorium*

Sayone Thihalolipavan MD, MPH

County of San Diego Public Health Officer

9:15 - 10:00 AM

Plenary Session | *Ong Family Lower Auditorium*

Health Effects of Extreme Heat

County of San Diego Health & Human Services

10:15 - 11:00 AM

Breakout Session #1

Wildfire Smoke and Public Health

Heat & Youth Sports

Heat Risk in the Imperial and Coachella Valleys

11:15 - 12:00 PM

Breakout Session #2

Extreme Heat & Kidney Disease

“Hot Topics”

Tijuana Sewage Crisis

EVENT OUTLINE

12:15 - 1:45 PM

Lunch & Poster Sessions | *Courtyard & LC 141*

Catered by Amardeen Mediterranean Cuisine & Empanada Kitchen

"Meet the Experts" Booth:

Anne Marie Birkbeck MD

Dan Spencer MD

Priyanka Patel MD

Jesse Kuehn MS2

Tabling by:

League of Women Voters

Climate Action Campaign

American Academy of Pediatrics

American College of Physicians

County of San Diego

2:00 - 2:45 PM

Breakout Session #3

The San Diego Regional Climate Collaborative

Climate Hope

Harvesting Farmworker Health

3:00 - 3:30 PM

Closing Remarks | *Ong Family Lower Auditorium*

Luis Castellanos MD, MPH

Clinical Professor of Medicine

Executive Director, PRIME-HEq

Vi Thuy Nguyen MD, FAAP

Co-Founder SD Pediatricians for Clean Air

Co-Chair of the AAP-CA3 San Diego Climate Health

Poster Award Recognition

SPEAKER SESSIONS

PLENARY SESSION

9:00-10:00 AM

Health Effects of Extreme Heat

County of San Diego Health & Human Services

Ong Family Lower
Auditorium

Sayone Thihalolipavan MD, MPH

County of San Diego Public Health Officer

Cory Osth & Nicholas Williams

EMS, Public Health Preparedness & Response Branch

BREAKOUT SESSION 1

10:15 AM-11:00 AM

Wildfire Smoke and Public Health in a Changing Climate

Rosana Aguilera PhD

SoCal Heat Hub

Learning Center 145

Heat and Youth Sports

David McClaskey MD, ATC

Melissa Campbell DO, MPH

Kaiser Permanente

Learning Center 143

Heat in the Imperial and Coachella Valleys

Eyal Oren PhD

San Diego State University

Ong Family Lower
Auditorium

Heat Risk Among Farmers of the Imperial and Coachella Valleys

Sagar Parajuli PhD

San Diego State University



BREAKOUT SESSION 2

11:15 AM-12:00 PM

Extreme Heat and Kidney Disease

Pranav Garimella MD, MPH
UC San Diego Health

Learning Center 145

“Hot Topics”

Jennifer Bailey
Socal Heat Hub

Learning Center 143

Tijuana Sewage Crisis: A Binational Collaboration

Phillip Musegaas; Margarita Diaz;
Yamilett Carrillo PhD
San Diego Foundation

Ong Family Lower
Auditorium

BREAKOUT SESSION 3

2:00 PM-2:45 PM

The San Diego Regional Climate Collaborative

Nan Renner PhD, A-bel Gong MS, Maren Hale MS
The San Diego Regional Climate Collaborative

Learning Center 145

Climate Hope: A Deliberate Choice and Active Practice

Christine James MD, MPH
UC San Diego Health

Learning Center 143

Harvesting Farmworker Health: Tackling Heat-Related Illnesses Through Inclusive Training for Aspiring and Current Health Professionals

Alejandra Rivas Deras; Leslie Nunez
UCLA School of Medicine

Ong Family Lower
Auditorium

Poster Titles, Authors, & Presenters

LEARNING CENTER 141 | 12:15-1:45 PM

Accessing Compliance With California's Flavored Tobacco Ban: An Online Retail and Social Media Analysis

Presenter(s): Aquino, Marianne.

Author(s): Aquino, M.*, McMann, T.*, Nali, M.*, Li, Z.*, Yang, J.*, Mackey, T.*

Rethinking Heat Risk: A Community-Partnered, Digitally Integrated Toolkit for Heat Illness Screening

Presenter(s): Carter, Milan. Arteaga, Gerardo. Mengistu, Beza. Bello, Gladys.

Author(s): Carter, M.*, Bello, G.*, Arteaga, G.*, Mengistu, B.*, Hernandez, A.*, Moreno, G.*, Brown, S.*

CalHeatScore: A novel heat-health ranking system for California

Presenter(s): Chiang, Felicia.

Author(s): Chiang, F.*, Bell, B. M.*, Cohen, S.*, Wieland, W.

Student Electrification Initiative

Presenter(s): Chou, Kian.

Author(s): Chen, J.*, Chou, K.*, Hernandez, N*, Nguyen, V*, Ni, J*.

Air Pollution and Warehouse Expansion in Moreno Valley, California

Presenter(s): Gonzalez, Yamilet.

Author(s): Gonzalez, Y.

"The River is Changing": Heat, Health, and Climate Perceptions in the Cucapá Community

Presenter(s): Lara-Jacobo, Linda. Gonzalez-Valencia, Daniela. Navarro-Ibarra, Maria Josse.

Author(s): Zavala, M.*, Lara-Jacobo, L.*, Gonzalez-Valencia, D.*, Navarro-Ibarra, M.*, Cheng, K.*, Gonzalez, A.*, Perez, A.*

Water, River, and Culture Under Heat Stress: Cucapá Perspectives on Binational Water Conflicts and Community Health Along the U.S.-Mexico Border

Presenter(s): Navarro-Ibarra, Maria Josse. Gonzalez-Valencia, Daniela. Lara-Jacobo, Linda.

Author(s): Gonzalez-Valencia, D.*, Navarro-Ibarra, M.*, Cheng, K.*, Aceves, B.*, Zuñiga, M.*, Lara-Jacobo, L.*

Degrees of Despair: Strength of Summer Temperature-Suicide Associations Across California

Presenter(s): Jayaramam, Pranav. Shabdar, Sherwin.

Author(s): Jayaramam, P.*, Shabdar, S.*

Spatially-Varying Contribution of PM_{2.5} on Preterm Birth Racial/Ethnic Inequalities in California

Presenter(s): Kalkat, Sharan.

Author(s): Kalkat, S.*, Ma, Y.*, Benmarhnia, T.*

Public Health Advisory Council and Climate Action Campaign: An Advocacy Model that Elevates Healthcare Voices to Oppose Hydrogen Blending at UC Irvine

Presenter(s): Kim, Angela. Tran, Andrew.

Author(s): Kim, A.*, Tran, A.*, Nguyen, V.*, Craciun, A.*, Lin, H.*

Advocacy Efforts to Ban Leaded Aviation Fuel in New York State

Presenter(s): Lim, Chelsea.

Author(s): Lee, S.*, Trinh, L.*, Lim, C.*

The DEMB Tracker

Presenter(s): Mensah-Baah, Danielle-Elizabeth.

Author(s): Mensah-Baah, D.

Unique Community Interventions by Community Members to Combat Climate Change

Presenter(s): Molina, Isabella.

Author(s): Molina, I.

Mitigating Role of Food Aid During Climate Shocks: A longitudinal analysis of climate shocks impacts on the nutrition status of children ages 1-15 in Ethiopia

Presenter(s): Najarro, Diana Olivia.

Author(s): Najarro, D.*, Dimitrova, A.*, Benmarhia, T.*

Humic-Like Substances (HULIS) from Wood Smoke Particles Disrupts Iron Transport and Promotes Inflammation in Raw 264.7 Cells

Presenter(s): Nguyen, Emily.

Author(s): Nguyen, E.*, Gonzalez, D. H.*, Kang, E.*, Zefran, M.*, Araujo, J. A.*

The Carbon Footprint of Hemodialysis: A Systematic Review

Presenter(s): Manguid, Richard.

Author(s): Nguyen, N.*, Manuguid, R.*, Garimella, P.*

Do No Harm—To Patients and the Planet: A Community-Based Approach to Assessing Healthcare Provider Awareness on the Environmental Impact of Inhalers in a Federally Qualified Health Center (FQHC) in Los Angeles

Presenter(s): Nunez, Leslie. De Haro, Vanessa.

Author(s): De Haro, V.*, Nunez, L.*, Soto, M.*, Stafford-Carreker, K.*, Brown, S.*, Moreno, G.*, Hernandez, M.*

Which Heat Stress Metric Best Predicts Emergency Department Visits

Presenter(s): Thompson, Callum. Ciborowski, Haley. Jones, Charles.

Author(s): Thompson, C.*, Ciborowski, H.*, Jones, C.

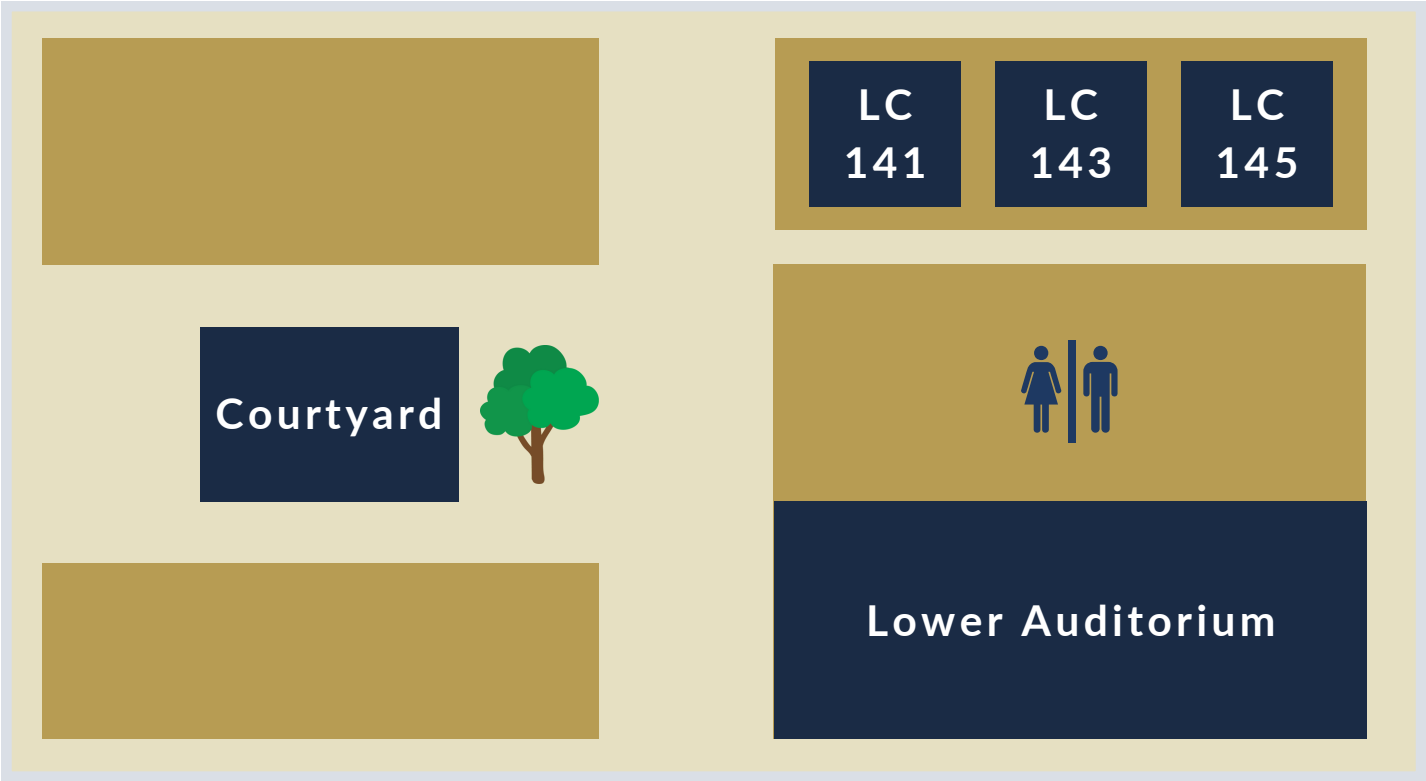
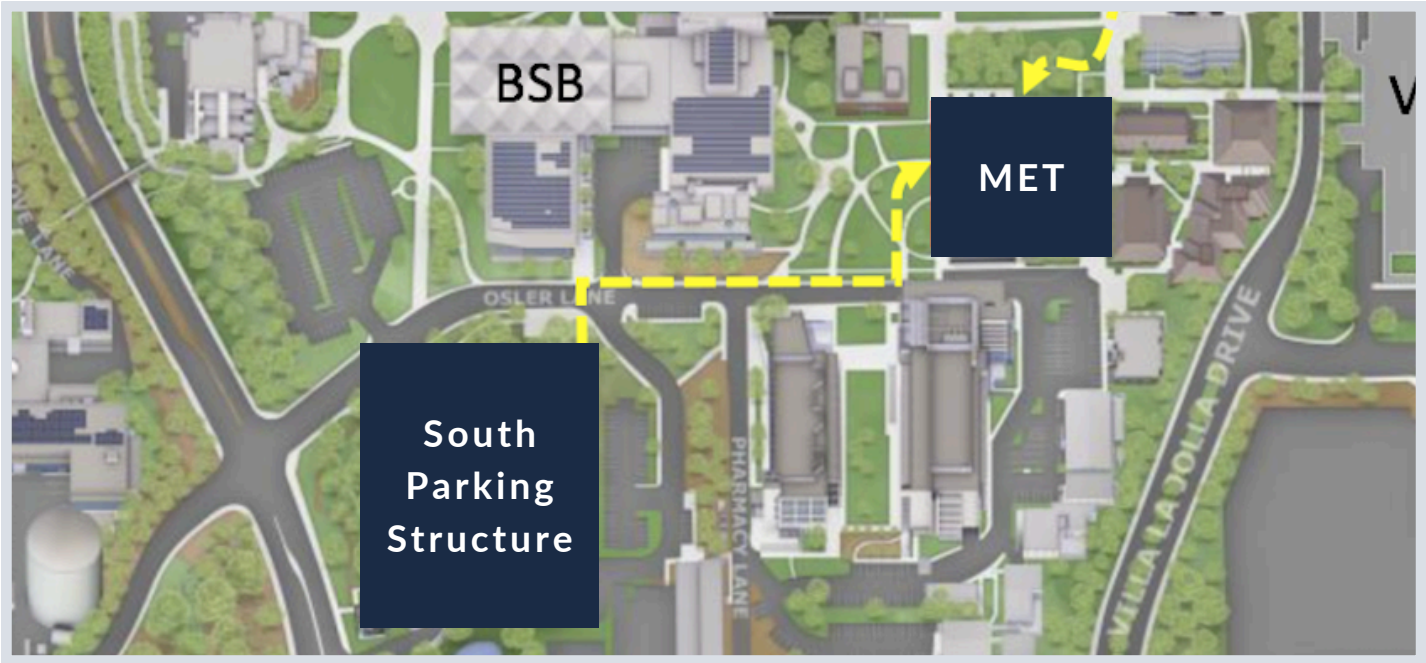
California Heat Assessment Tool (CalHeatScore): What is it and How Do We Use It?

Presenter(s): Zamora, Carissa. Javier, Andie. Dhanala, Shreya.

Author(s): Zamora, C.*, Javier, A.*, Dhanala, S.*, Nguyen, V.*, Abbott, R.*

*These authors contributed equally to this work.

MET BUILDING | MAP AND LOCATION



ACKNOWLEDGEMENT OF SPONSORS

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The Kaiser Permanente San Diego Physician Education Department is accredited by the California Medical Association (CMA) to provide continuing medical education for physicians.

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