

Implications of the California Wildfires for Health, Communities, and Preparedness

A Workshop

June 4–5, 2019

Betty Irene Moore School of Nursing at the University of California, Davis

Betty Irene Moore Hall

2570 48th Street, Room 1000

Sacramento, CA 95817

June 4, 2019 Day 1

8:00 AM REGISTRATION

Opening Comments and Welcome

- 8:30 AM **Kenneth W. Kizer, M.D., M.P.H.**
Founding Director, Institute for Population Health Improvement, UC Davis Health
Distinguished Professor, School of Medicine and Betty Irene Moore School of Nursing,
University of California, Davis
Workshop Planning Committee Chair
- David Lubarsky, M.D., M.B.A.**
Vice Chancellor of Human Health Sciences and Chief Executive Officer, UC Davis Health
- Deborah Ward, Ph.D., RN, FAAN**
Dignity Health Dean's Chair for Nursing Leadership, Interim Dean, and Clinical Professor,
Betty Irene Moore School of Nursing, University of California, Davis

Session I California Wildfires: Past and Future

- 9:00 AM *Moderator:* **Kenneth W. Kizer, M.D., M.P.H.**
Founding Director, Institute for Population Health Improvement, UC Davis
Health
Distinguished Professor, School of Medicine and Betty Irene Moore School of
Nursing, University of California, Davis
Workshop Planning Committee Chair
- Speakers:*
- **Benjamin Houlton, Ph.D.**
Professor and Chancellor's Fellow, Department of Land, Air and Water Resources,
University of California, Davis
Director, John Muir Institute of the Environment, University of California, Davis

- **Liane Jollon, RN, M.A.**
Executive Director, San Juan Basin Public Health, Durango, Colorado
- **Howard Backer, M.D., M.P.H., FACEP**
Director, California Emergency Medical Services Authority

Session II Populations Impacted by Wildfires

- 10:00 AM *Moderator: **Winston Wong, M.D., M.S.***
Medical Director, Community Health and Director, Disparities Improvement and Quality Initiatives, Kaiser Permanente
- Speakers:*
- **Oscar Chavez**
Assistant Director of Human Services, County of Sonoma, California
 - **Don Hankins, Ph.D.**
Professor, Geography and Planning Department, California State University, Chico
 - **Genevieve Flores-Haro, M.P.A.**
Associate Director, Mixteco/Indigena Community Organizing Project
 - **Andy Miller, M.D.**
Health Officer, Butte County Public Health Department, Oroville, California

- 11:30 AM *LUNCH (Boxed lunches available free of charge for meeting attendees)*
*Screening of **Waking Up to Wildfires** documentary*

Session III Effects of Wildfires on the Natural Environment

- 1:00 PM *Moderator: **Wayne Cascio, M.D., FACC, FAHA***
Director, National Health and Environmental Effects Research Laboratory, U.S. Environmental Protection Agency
- Speaker:*
- **Andrew J. Whelton, Ph.D.**
Associate Professor of Civil, Environmental, and Ecological Engineering, Purdue University (*Remote*)

Session IV Human Health Effects of Wildfires

- 2:00 PM *Moderator: **Wayne Jonas, M.D.***
Executive Director, Samueli Integrative Health Programs
Practicing Family Physician
- Speakers:*
- **Colleen Reid, Ph.D., M.P.H.**
Assistant Professor, Department of Geography, University of Colorado Boulder
 - **Lisa Miller, Ph.D.**
Professor, Department of Anatomy, Physiology, and Cell Biology, School of Veterinary Medicine, University of California, Davis
Associate Director of Research, California National Primate Research Center
 - **Heather Riden, M.A.**
Manager, Western Center for Agricultural Health and Safety, University of California, Davis
 - **Kathleen Navarro, Ph.D., M.P.H.**
Forest Planning Specialist, U.S. Forest Service

3:15 PM *BREAK*

3:30 PM **Human Health Effects of Wildfires (*Session IV Continued*)**

Moderator: **Wayne Jonas, M.D.**

Executive Director, Samueli Integrative Health Programs
Practicing Family Physician

Speakers:

- **Irva Hertz-Picciotto, Ph.D.**
Director, Environmental Health Sciences Center, University of California, Davis
Professor, Department of Public Health Sciences, School of Medicine, University of California, Davis
- **Lauren Thie, M.S.P.H.**
Environmental Program Consultant, North Carolina Department of Health and Human Services
- **Ana Rappold, Ph.D.**
Statistician, National Health and Environmental Effects Research Laboratory, U.S. Environmental Protection Agency

Session V Challenges and Limitations of Wildfire Smoke Exposure Research

4:45 PM *Moderator:* **Michelle Bell, Ph.D., M.S., M.S.E.**

Mary E. Pinchot Professor of Environmental Health, Yale University School of Forestry and Environmental Studies

Speakers:

- **Colleen Reid, Ph.D., M.P.H.**
Assistant Professor, Department of Geography, University of Colorado Boulder
- **Ana Rappold, Ph.D.**
Statistician, National Health and Environmental Effects Research Laboratory, U.S. Environmental Protection Agency
- **Irva Hertz-Picciotto, Ph.D.**
Director, Environmental Health Sciences Center, University of California, Davis
Professor, Department of Public Health Sciences, School of Medicine, University of California, Davis

5:30 PM *ADJOURN*

8:00 AM REGISTRATION

Call to Order and Opening Comments

8:30 AM **Kenneth W. Kizer, M.D., M.P.H.**
Founding Director, Institute for Population Health Improvement, UC Davis Health
Distinguished Professor, School of Medicine and Betty Irene Moore School of Nursing,
University of California, Davis
Workshop Planning Committee Chair

Session VI The Trials of Recovery

9:00 AM *Moderator:* **David Eisenman, M.D., M.S.H.S.**
Director, Center for Public Health and Disasters, Fielding School of Public
Health, University of California, Los Angeles
Professor-in-Residence, David Geffen School of Medicine and Fielding
School of Public Health, University of California, Los Angeles

Speakers:

- **Byron Mason, M.A.**
Deputy Director, Office of Human Services, Emergency Preparedness, and
Response, Administration for Children and Families (*Remote*)
- **Annie Schmidt**
Strategic Advisor, Washington State Fire Adapted Communities Learning
Network
- **Megan Kurtz, M.A.**
Camp Fire Campus–Community Liaison, Office of the President and Faculty,
College of Communication and Education, California State University, Chico

10:45 AM BREAK

Session VII Enhancing Operational Response

11:00 AM *Moderator:* **Suzet McKinney, Dr.P.H., M.P.H.**
Chief Executive Officer and Director, Illinois Medical District

Speakers:

- **John R. Balmes, M.D.**
Professor, School of Medicine, University of California, San Francisco
Professor, Environmental Health Sciences Division, School of Public Health,
University of California, Berkeley
Director, UC Berkeley-UCSF Joint Medical Program
Physician Member, California Air Resources Board
 - **Merritt D. Schreiber, Ph.D.**
Professor, Department of Pediatrics, David Geffen School of Medicine and Los
Angeles Biomedical Research Institute at Harbor–UCLA Medical Center,
University of California, Los Angeles
 - **Tina Palmieri, M.D., FACS, FCCM**
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Director and Professor, Firefighters Burn Institute Regional Burn Center, UC Davis Health
Assistant Chief of Burn Surgery, Shriners Hospitals for Children–Northern California

- **Stella Fogleman, R.N., M.S.N./M.P.H., CNS**
Director, Emergency Preparedness and Response Division, Los Angeles County Department of Public Health (*Remote*)

12:30 PM *LUNCH (Boxed lunches available free of charge for meeting attendees)*

Session VIII **Work Upfront: The Impact of Mitigation and Preparedness**

1:30 PM *Moderator:* **Kenneth W. Kizer, M.D., M.P.H.**

Founding Director, Institute for Population Health Improvement, UC Davis Health

Distinguished Professor, School of Medicine and Betty Irene Moore School of Nursing, University of California, Davis
Workshop Planning Committee Chair

Speakers:

- **Nicole Errett, Ph.D., M.S.P.H.**
Lecturer, Department of Environmental and Occupational Health, University of Washington School of Public Health
- **Dave Shew, B.Arch.**
Wildfire Field Representative, National Fire Protection Association
Consultant, Wildfire Defense Works, LLC
- **Michelle Medley-Daniel**
Director, Fire Adapted Communities Network
Deputy Director, The Watershed Research and Training Center

Session IX **Further Reflections on What We Learned**

3:00 PM *Moderator:* **Kenneth W. Kizer, M.D., M.P.H.**

Founding Director, Institute for Population Health Improvement, UC Davis Health

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Workshop Planning Committee Chair

Speakers:

- **Wayne Jonas, M.D.**
Executive Director, Samueli Integrative Health Programs
Practicing Family Physician
- **David Eisenman, M.D., M.S.H.S.**
Director, Center for Public Health and Disasters, Fielding School of Public Health, University of California, Los Angeles
Professor-in-Residence, David Geffen School of Medicine and Fielding School of Public Health, University of California, Los Angeles
- **Julie Baldwin, Ph.D.**
Regents' Professor, Department of Health Sciences and Director, Center for Health Equity Research, Northern Arizona University
- **Colleen M. Ryan, M.D., FACS**

Professor, Department of Surgery, Harvard Medical School
Staff Surgeon, Sumner M. Redstone Burn Center, Massachusetts General
Hospital
Staff Surgeon, Shriners Hospitals for Children–Boston

- **Winston Wong, M.D., M.S.**
Medical Director, Community Health and Director, Disparities Improvement and
Quality Initiatives, Kaiser Permanente
- **Michelle Bell, Ph.D., M.S., M.S.E.**
Mary E. Pinchot Professor of Environmental Health, Yale University School of
Forestry and Environmental Studies

Closing Remarks

3:45 PM **Kenneth W. Kizer, M.D., M.P.H.**
Founding Director, Institute for Population Health Improvement, UC Davis Health
Distinguished Professor, School of Medicine and Betty Irene Moore School of Nursing,
University of California, Davis
Workshop Planning Committee Chair

4:00 PM *ADJOURN*