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

June 4–5, 2019
Betty Irene Moore School of Nursing at UC 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 the Betty Irene Moore School of Nursing, University of California, Davis
Planning Committee and Workshop Chair

David Lubarsky, M.D., M.B.A.
Vice Chancellor of Human Health Sciences
Chief Executive Officer, UC Davis Health
University of California, Davis

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 at UC 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
Distinguished Professor, School of Medicine and the Betty Irene Moore School of Nursing, University of California, Davis

Speakers:

• Benjamin Houlton, Ph.D.
Professor and Chancellor’s Fellow, Department of Land, Air and Water Resources
Director, UC Davis John Muir Institute of the Environment
• Liane Jollon, R.N., 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

<table>
<thead>
<tr>
<th>Session II</th>
<th>Populations Impacted by Wildfires</th>
</tr>
</thead>
</table>
| 10:00 AM   | **Moderator:** Winston Wong, M.D., M.S.  
             Medical Director, Community Health & 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 of Geography and Planning
  California State University, Chico  
• Genevieve Flores-Haro, M.P.A.  
  Associate Director, Mixteco/Indigena Community Organizing Project
  Oxnard, California  
• Andy Miller, M.D.  
  Health Officer
  Butte County, California |

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

<table>
<thead>
<tr>
<th>Session III</th>
<th>Effects of Wildfires on the Natural Environment</th>
</tr>
</thead>
</table>
| 1:00 PM    | **Moderator:** Wayne Cascio, M.D., FACC, FAHA  
             Director, National Health and Environmental Effects Research Laboratory, Office of Research and Development, U.S. Environmental Protection Agency |
|            | **Speaker:**
|            | • Andrew J. Whelton, Ph.D.  
             Associate Professor of Civil, Environmental, and Ecological Engineering
             Lyles School of Civil Engineering, Purdue University (*Remote*) |

<table>
<thead>
<tr>
<th>Session IV</th>
<th>Human Health Effects of Wildfires</th>
</tr>
</thead>
</table>
| 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, & Cell Biology
  UC Davis School of Veterinary Medicine |
• **Heather Riden, M.A.**  
  Manager, Western Center for Agricultural Health and Safety  
  UC Davis  

• **Kathleen Navarro, Ph.D., M.P.H.**  
  Forest Planning Specialist  
  U.S. Forest Service

**Panel Discussion and Q&A with Audience**

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, UC Davis Environmental Health Sciences (EHS) Center  
    Professor, Department of Public Health Sciences, UC Davis School of Medicine  

  - **Lauren Thie, M.S.P.H.**  
    Public Health Epidemiologist  
    North Carolina Department of Health and Human Services  

  - **Ana Rappold, Ph.D.**  
    Statistician, National Health and Environmental Effects Research Lab  
    U.S. Environmental Protection Agency

**Panel Discussion and Q&A with Audience**

<table>
<thead>
<tr>
<th>Session V</th>
<th>Challenges and Limitations of Wildfire Smoke Exposure Research</th>
</tr>
</thead>
</table>

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 Lab  
    U.S. Environmental Protection Agency  

  - **Irva Hertz-Picciotto, Ph.D.**  
    Director, UC Davis Environmental Health Sciences (EHS) Center  
    Professor, Department of Public Health Sciences, UC Davis School of Medicine

5:30 PM  **ADJOURN**
June 5, 2019 Day 2

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

### Session VI  The Trials of Recovery

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

**Speakers:**
- **Byron Mason, M.A.**  
  Deputy Director, Office of Human Services, Emergency Preparedness, & Response  
  Administration for Children and Families *(Remote)*
- **Annie Schmidt**  
  Director of Policy and Partnerships  
  Washington State Fire Adapted Communities Learning Network
- **Megan Kurtz, M.A.**  
  Wildcats Rise Community Liaison  
  California State University, Chico

10:45 AM  **BREAK**

### Session VII  Enhancing Operational Response

11:00 AM  **Moderator: Kenneth W. Kizer, M.D., M.P.H.**  
Founding Director, Institute for Population Health Improvement  
Distinguished Professor, School of Medicine and the Betty Irene Moore School of Nursing, University of California, Davis

**Speakers:**
- **John Balmes, M.D.**  
  Director, Joint Medical Program, and Professor, Environmental Health Sciences  
  University of California, Berkeley
- **Merrit Schrieber, Ph.D.**  
  Director, Psychological Programs, Emergency Medicine  
  University of California, Irvine School of Medicine
- **Tina Palmieri, M.D., FACS, FCCM**  
  Assistant Chief of Burn Surgery, Shriners Hospital for Children of Northern California, and Director, UC Davis Regional Burn
12:30 PM  **LUNCH** *(Boxed lunches available free of charge for meeting attendees)*

<table>
<thead>
<tr>
<th>Session VIII</th>
<th>Work Upfront: The Impact of Mitigation and Preparedness</th>
</tr>
</thead>
</table>
| **1:30 PM**   | **Moderator:** Suzet McKinney, Dr.P.H., M.P.H.  
|               | Chief Executive Officer and Director  
|               | Illinois Medical District  
|               | **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.  
|               | Consultant, Wildfire Defense Works, LLC  
|               | • Michelle Medley-Daniel  
|               | Deputy Director, The Watershed Center  
|               | Co-Director, Fire Adapted Communities Network  
|               | • Jennifer Hogan,  
|               | State Hazard Mitigation Officer  
|               | California Governor’s Office of Emergency Services  

**2:45 PM  BREAK**

<table>
<thead>
<tr>
<th>Session IX</th>
<th>Further Reflections on What We Learned</th>
</tr>
</thead>
</table>
| **3:00 PM**   | **Moderator:** Kenneth W. Kizer, M.D., M.P.H.  
|               | Founding Director, Institute for Population Health Improvement  
|               | Distinguished Professor, School of Medicine and the Betty Irene Moore  
|               | School of Nursing, University of California, Davis  
|               | Planning Committee and Workshop Chair  
|               | **Panel Discussion and Q&A with Audience**  
|               | **3:45**  
|               | **Closing Remarks**  
|               | Kenneth W. Kizer, M.D., M.P.H.  
|               | Founding Director, Institute for Population Health Improvement  
|               | Distinguished Professor, School of Medicine and the Betty Irene Moore School of  
|               | Nursing, University of California, Davis  
|               | Planning Committee and Workshop Chair  

4:00 PM  **ADJOURN**