



# Opportunities To Advance Climate Health at State and Local Levels

California Department of Public Health  
Climate Action Team – Public Health Working Group  
January 19, 2016

**Speakers:**

**Bonnie Holmes-Gen, Senior Director, Air Quality and Climate**

**Jenny Bard, Director, Partner Engagement and Media Advocacy**

**Will Barrett, Senior Policy Analyst**



 AMERICAN LUNG ASSOCIATION. |  LUNG FORCE

**DOCTORS FOR CLIMATE HEALTH**

**When you can't breathe, nothing else matters**

**Karen Jakpor, MD**  
VOLUNTEER PHYSICIAN, AMERICAN LUNG ASSOCIATION IN CA, RIVERSIDE

**#ClimateHealth**

# DISCUSSION TOPICS

- Health Professionals for Clean Air
- Doctors for Climate Health
- Upcoming opportunities for climate advocacy

# HEALTH PROFESSIONAL INITIATIVES



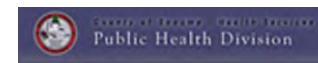
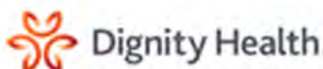
- **Golden State Standards 50-50-50 (SB 350)**
- **Charge Ahead California Initiative (SB 1275)**
- **California Clean Truck, Bus, and Off-Road Vehicle and Equipment Technology Program (SB 1204)**
- **Alternative Fuel and Vehicle Technologies Act of 2013 (AB 8)**
- **Advanced Clean Cars standards**
- **Sustainable Communities Act of 2008 (SB 375)**
- **Low Carbon Fuel Standard of 2007**
- **The Global Warming Solutions Act of 2006 (AB 32)**
- **Diesel regulations**
- **The Clean Cars Law (AB 1493) of 2002**

# OUR EQUITY FOCUS



- Protecting the Clean Air Act
- Fighting to improve federal air quality standards for ozone and particle pollution
- Advocacy for SB 535 and funding for disadvantaged communities
- Charge Ahead campaign to prioritize electric vehicles in low-income communities
- Reducing health disparities

# HEALTH PROFESSIONALS FOR CLEAN AIR



# HEALTH DEPARTMENT PARTNERS



# DOCTORS FOR CLIMATE HEALTH

**DOCTORS FOR CLIMATE HEALTH**

All Communities Deserve A Healthy Climate

Sharon Chinthrajah, MD  
PULMONARY/CRITICAL CARE AND ALLERGY/IMMUNOLOGY, STANFORD

#ClimateHealth

**DOCTORS FOR CLIMATE HEALTH**

Fighting for a healthy climate

David Tom Cooke, MD and Lung Surgery Team  
UC DAVIS SACRAMENTO

#ClimateHealth

**DOCTORS FOR CLIMATE HEALTH**

Strong clean air leadership will help my patients in the Valley breathe easier

Mary Anne Tablizo, MD  
PEDIATRIC PULMONOLOGIST, VALLEY CHILDREN'S HOSPITAL, FRESNO

#ClimateHealth

Launched January, 2015  
Follow us on social media  
**#DocsforClimateHealth**  
**@californialung**

**DOCTORS FOR CLIMATE HEALTH**

Clean air equals healthy air

Benson Chen, MD  
CRITICAL CARE & PULMONARY MEDICINE  
SAN FRANCISCO

#ClimateHealth

**DOCTORS FOR CLIMATE HEALTH**

Dirty air affects us all, but especially children

Darin Latimore, MD  
PAST PRESIDENT, AMERICAN COLLEGE OF PHYSICIANS, CALIFORNIA SERVICES CHAPTER, UC PHYSICIAN, SACRAMENTO

#ClimateHealth

**DOCTORS FOR CLIMATE HEALTH**

We must act decisively, and now

Bruce Bekkar, MD  
OBSTETRICS AND GYNECOLOGY, SAN DIEGO

#ClimateHealth

**DOCTORS FOR CLIMATE HEALTH**

Fighting climate change is critical primary care medicine

Catherine Sonquist Forest, MD, MPH  
FAMILY PHYSICIAN, ASST PROF OF MEDICINE, MEDICAL DIRECTOR, STANFORD HEALTH CARE AT LOS ALTOS

#ClimateHealth

**DOCTORS FOR CLIMATE HEALTH**

The planet has a fever

David Pepper, MD  
STAFF PHYSICIAN, CONTRA COSTA HEALTH SERVICES; CO-FOUNDER, MEDICAL ADVOCATES FOR HEALTHY AIR

#ClimateHealth

**DOCTORS FOR CLIMATE HEALTH**

My patients need cleaner air

Felix Agullar, MD, MPH  
FAMILY PRACTICE  
LOS ANGELES

#ClimateHealth

**DOCTORS FOR CLIMATE HEALTH**

Invest in health, not harmful fuels

Linda Rudolph, MD, MPH  
CENTER FOR CLIMATE CHANGE AND HEALTH, PUBLIC HEALTH INSTITUTE

#ClimateHealth



# DOCTORS FOR CLIMATE HEALTH

*As a health officer with the San Luis Obispo Public Health Department, I view climate change as an urgent health issue.*

*I am working hard with my staff to educate the public about ways we can work together to improve health and fight climate change...*



**Penny Borenstein, MD, MPH**  
Health Officer  
San Luis Obispo County Health Agency

# DOCTORS FOR CLIMATE HEALTH



CaliforniaLung favorited



Mary Nichols @MaryNicholsCA · Jan 7

ARB Board Member Dr. Sherriffs takes a stand for #cleanair as part of @CaliforniaLung's Doctors for #ClimateHealth



4 2



# DOCTORS FOR CLIMATE HEALTH

## DIGNITY HEALTH



**AMERICAN LUNG ASSOCIATION.** | **LUNG FORCE**

**DOCTORS FOR CLIMATE HEALTH**

**Caring for our patients means caring for our planet**

**Teresa Swida, DO**  
GENERAL PRACTICE PHYSICIAN;  
BIOETHICS CHAIR, DIGNITY HEALTH  
GLENDALE MEMORIAL HOSPITAL, GLENDALE, CA

**#ClimateHealth**



**AMERICAN LUNG ASSOCIATION.** | **LUNG FORCE**

**DOCTORS FOR CLIMATE HEALTH**

**Climate action is the best medicine**

**Marc Futernick, MD**  
MEDICAL DIRECTOR, EMERGENCY DEPT.,  
DIGNITY HEALTH CALIFORNIA HOSPITAL  
MEDICAL CENTER, LOS ANGELES

**#ClimateHealth**



**Dignity Health** @DignityHealth · 16 Sep 2015

We support a healthy community & healthy economy. @MattDababneh @ASM\_Irwin - please vote "aye" on #SB32 #SB350. [dignityhlth.org/climate-health...](http://dignityhlth.org/climate-health...)



**California's healthcare industry can lead the way on stronger climate...**

Last week, dozens of businesses wrote letters to California lawmakers to urge passage of bills that would regulate emissions. Susan Vickers of Dign... [theguardian.com](http://theguardian.com)

# HEALTH ADVOCACY CLIMATE ACTION

## THE SACRAMENTO BEE



### Viewpoints: Two policies that help limit air pollution and reduce emergency room visits

By David Tom Cooke  
Special to The Bee

Published: Wednesday, May 21, 2014 - 12:00 am

I've spent the better part of my life as a doctor, caring for my patients, working to make their lives better and helping them live longer.

Modern medicine, innovative research and preventive health care have certainly improved patients' quality of life, but over the years, the growing number of patients suffering from lung cancer, asthma, heart attacks, and other respiratory and cardiac illnesses continues to disturb me.



A key factor linked to the increase and worsening of these conditions, air pollution, isn't new to California. According to the American Lung Association State of the Air report, our state regularly tops lists of worst polluted areas in the country and is home to the five worst polluted cities in the United States for both ozone and particle pollution. Our Sacramento metropolitan area ranks fifth on the list of worst polluted cities for ozone or smog.

Unfortunately, poor air quality can't be solved with two aspirin and a call in the morning.

A new report from the American Lung Association in California and Environmental Defense Fund, however, shows two policies that are key components of the state's land law, AB 32: the Low Carbon Fuel Standard and the market-based emissions trading program, cap and trade. They help to limit air pollution and reduce the of emergency room visits along the way.

### Many avenues

- Media
- Testimony
- Letters
- Events



June 10, 2013

Diana Dooley  
Secretary  
California Health and Human Services Agency  
1600 Ninth Street, Room 460  
Sacramento, CA 95814

**Re: Public Health Organizations' Support for California's Clean Fuel Standard**

Dear Secretary Dooley:

On behalf of the undersigned California public health and medical organizations and their allies, we are writing to reaffirm our strong support for the state's clean fuel standard – the Low Carbon Fuel Standard (LCFS) – as a key pillar of our state's decisive clean air and climate leadership. We applaud California's commitment to achieving the LCFS goal of a 10 percent reduction in transportation fuels' climate pollution by 2020 because of the enormous air quality and public health benefits. However, we are concerned about the oil industry's active campaign to weaken and undermine this critical clean air law and would like to meet with you to discuss opportunities to promote the health benefits of the LCFS within and outside your agency.



# DOCTORS FOR CLIMATE HEALTH

## FRESNO MADERA MEDICAL SOCIETY RESOLUTION – JAN 18, 2016

RESOLVED: The Fresno-Madera Medical Society recognizes that climate change threatens the health and well-being of the patients we serve.

Therefore, we:

- 1) support efforts to educate our patients and the medical community regarding the potential adverse health effects of global climate change.
- 2) encourage our health care institutions to review and improve their carbon footprint and that of their supply chain, and also encourage them to prepare for climate impacts.
- 3) support efforts to communicate with our local, state, and national legislators, and request that they take action to adapt to and mitigate the effects of climate change.

# KEY CLEAN AIR GOALS FOR CA



## Climate Targets

- 2020: return to 1990 levels
- 2030: 40% below 1990
- 2050: 80% below 1990

## 2030 Short Lived Climate Pollutants

- 50% Black Carbon
- 40% Methane
- 40% F-Gases

## ZEV Targets

- 2020: Achieve 1M ZEVS
- 2025: 15% ZEV sales
- 2025: 1.5M ZEVs

## Fuel Targets

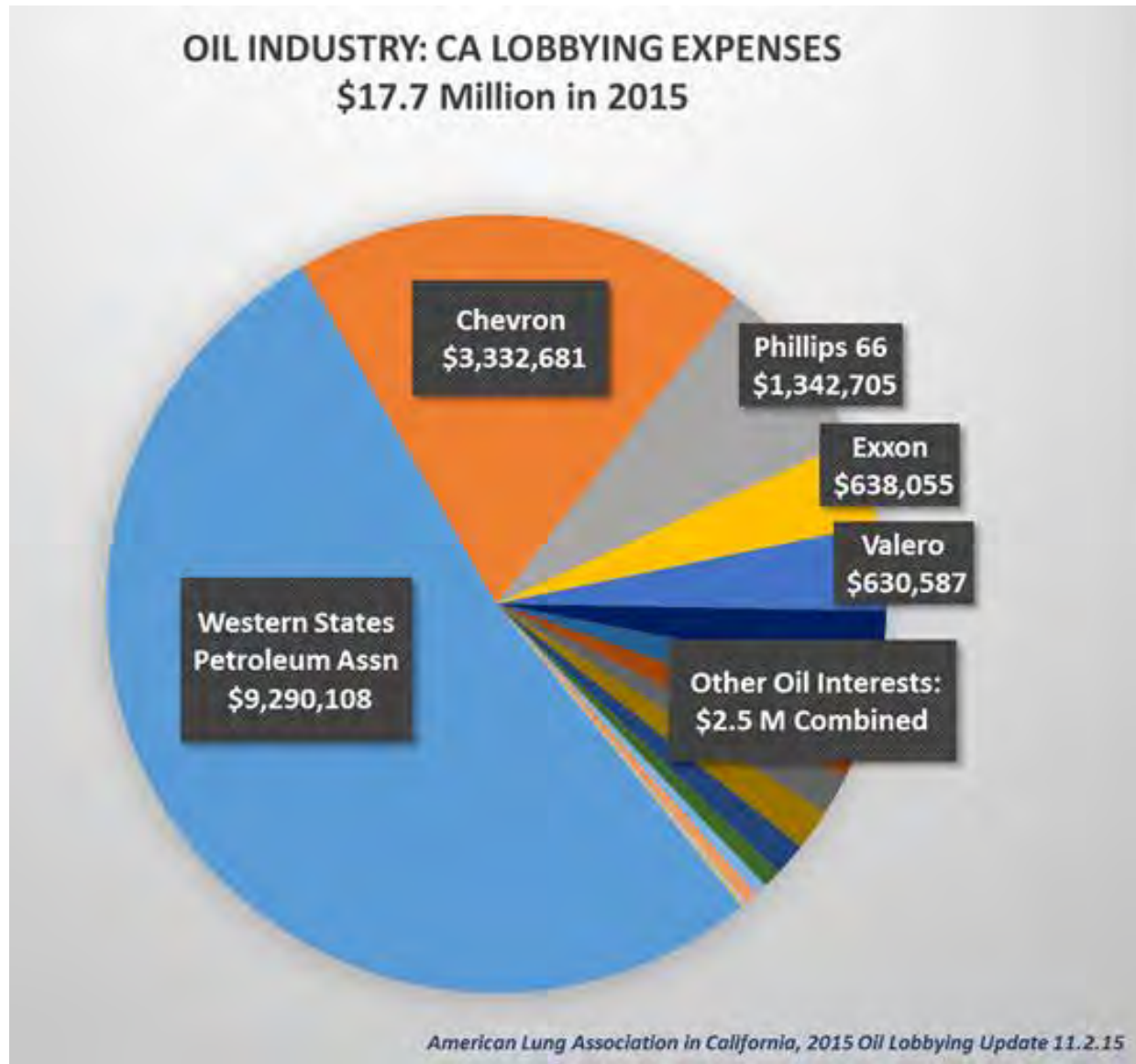
- 2020: 10% cut in climate pollution in fuels
- 2030: 50% cut in petroleum consumption

# ADVOCACY OPPORTUNITIES

- **Supporting Strong Air/Climate Policies in 2016**
  - Federal Clean Air Act
  - AB 32 Scoping Plan Update
  - Short Lived Climate Pollutants
  - Cap and trade investments
  - Zero emission vehicle policies
  - Cleaner Freight
  - Smart Growth
- **Educate on Climate/Health Link to Support Local Action**
  - Reports to BOS, Cities
  - Blog/Social Media
  - Resolutions
  - Climate Plans
- **Other actions we can support?**



# CHALLENGES





## Contacts:

**Bonnie Holmes-Gen** [bonnie.holmes-gen@lung.org](mailto:bonnie.holmes-gen@lung.org)  
**Will Barrett** [william.barrett@lung.org](mailto:william.barrett@lung.org)  
**Jenny Bard** [jenny.bard@lung.org](mailto:jenny.bard@lung.org)