

June 16, 2023

ATTN: Michael Regan, Administrator
U.S. Environmental Protection Agency

EPA Docket Center
OAR, Heavy-duty Docket ID No. EPA-HQ-OAR-2022-0985,
Light-duty Docket ID No. EPA-HQ-OAR-2022-0829
Mail Code 28221T
1200 Pennsylvania Avenue NW
Washington, DC 20460
Email: a-and-r-Docket@epa.gov

**RE: Scientists' Statement to Strengthen the U.S. Environmental Protection Agency's Proposed Rules:
Greenhouse Gas Emissions Standards for Heavy-Duty Engines and Vehicles-Phase 3 (Docket ID No.
EPA-HQ-OAR-2022-0985) and Multi-Pollutant Emissions Standards for Model Years 2027 and Later
Light-Duty and Medium-Duty Vehicles (Docket ID No. EPA-HQ-OAR-2022-0829)**

We, the over 1000 undersigned scientists, researchers, health professionals, economists, engineers, and planners respectfully submit this comment in support of standards for heavy-duty vehicles and passenger vehicles that put us on a trajectory to eliminate tailpipe pollution.

The Environmental Protection Agency (EPA) has made explicit commitments to climate, clean air, and environmental justice under this administration. The transportation sector is the largest contributor to global warming emissions in the United States. And while heavy-duty trucks make up only 10 percent of vehicles on the road, they produce 28 percent of global warming emissions from on-road transportation, as well as 45 percent of nitrogen oxide emissions and 57 percent of particulate matter emissions, which disproportionately harm environmental justice communities living near ports and freight corridors. Thus, we believe that the light- and medium-duty vehicle multipollutant rule and the global warming emissions proposal for heavy-duty trucks should live up to these important stated commitments and to set us on an accelerated path to a zero-emission transportation future.

The light- and medium-duty vehicle rule is on the right track to reduce climate-harming, smog-forming, and particulate pollution, but the heavy-duty rule trails passenger vehicles, leaving environmental justice communities in harm's way.¹ The science and technology, as well as the urgent need to protect public health and address the climate crisis, are clear on this front: zero-emission vehicles are available today and must be the number one priority.²

¹ <https://www.movingforwardnetwork.com/zero-emissions/>

² <https://www.ucssusa.org/resources/electrify-trucks>

Scientists' Statement on Heavy-Duty and Passenger Vehicle Air Pollution Standards
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New state standards adopted by several states across the country will ensure more than 50 percent of new heavy-duty vehicle sales are electric vehicles by 2030. Also, new tax incentives for commercial trucks are predicted to push electrification even further.³ As the EPA acts to accelerate the deployment of zero-emission passenger vehicles, it must also eliminate toxic tailpipe emissions from heavy-duty trucks and ensure that 100 percent of all new vehicles sales are electric by 2035 to maximize clean air to breathe. This has also long been an ask of environmental justice communities across the country.

The urgency of these issues demands a strong response. For far too long, vehicle pollution has been devastating for the health of communities across the country and the climate.⁴ The solutions are here – and we urge the EPA to stand up to this moment, pass the strongest possible version of the light- and medium-duty standards, and eliminate tailpipe pollution from heavy-duty trucks and cars.

Thank you for taking public comment on this important topic.

Marc Dumas, M.D.

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Science, Diagnostics
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Earth Sciences, Meteorology
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Life Science, Nursing
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Materials Science & Engineering
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Biology, Microbiology, Plant Physiology
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Engineering, Electronics
AZ

Robert L. Jr Sanford, Ph.D.

Ecology, Biogeochemistry
AZ

Linda Schermer, M.P.H.

Public Health, Nutrition
AZ

³ <https://theicct.org/wp-content/uploads/2023/04/hdv-phase3-ghg-standards-benefits-apr23.pdf>

⁴ <https://www.ucsusa.org/resources/diesel-engines-public-health>

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1030 Endorsers

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Ecology, Ecology
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Physical Science, Solid State Physics & Liquid Crystals
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Medicine/Medical Research, Infectious Disease
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Physical Science, Physics And Materials Science
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Biology, Ostracoda, Marine Biology
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Social Sciences, Sociology Of Education & Social Class Relations
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Engineering, Mechanical, Environmental
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Chem
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Earth Sciences, Marine Biology
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Life Science, Neuroscience
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Scientists' Statement on Heavy-Duty and Passenger Vehicle Air Pollution Standards
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Social Sciences, Community Clinical Psychology
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Economics, Health Systems
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Medicine/Medical Research, Infectious Diseases
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Chemistry, Inorganic Chemistry
CO

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Sustainability
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Astrophysics
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Physical Science, Physics
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Statistics with applications in the earth sciences
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Earth Sciences, Evolutionary Biology
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Public Health, Microbiology
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Social Sciences, Psychology
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Social Sciences, Psychology
MA

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Physical Science, Materials & Process Engineering
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Mathematics, Statistics
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Engineering, Manufacturing
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NY

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Public Health, Asthma
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Social Sciences, Applied Research Methodology & Evaluation
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William J. Forrest, Ph.D.

Physical Science, Astrophysics
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Physical Science, Climate Issues
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Scientists' Statement on Heavy-Duty and Passenger Vehicle Air Pollution Standards
1030 Endorsers

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OR

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Engineering, Industrial Engineering
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Social Sciences, Mental Health
NY

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OH

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Physical Science, Atomic/Molecular Physics;
Astrophysics
OH

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Medicine/Medical Research, Neurochemistry
OH

Luisa Appleman, Post doc
Medicine/Medical Research, Neuroscience
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Elyce M M. Benham, M.A./M.S.
Social Sciences, Severe & Persistent Mental
Disorders
OR

Scientists' Statement on Heavy-Duty and Passenger Vehicle Air Pollution Standards
1030 Endorsers

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OR

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& Analysis
OR

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OR

Donna Harris, D.V.M.

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Medicine
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Earth Sciences, Paleontology
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Engineering, Energy Efficiency
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Social Sciences, Psychology
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Peter Adams, M.B.A.

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Earth Sciences, Vertebrate Paleontology
PA

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Biology, Freshwater Ecology
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Earth Sciences, Marine Geology
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D. Richard Decker, Ph.D.

Engineering, ee
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Naomi Miller, Ph.D.

Social Sciences, Archaeobotany; Ancient
Environment & L& Use
PA

Emma Oxford, Ph.D.

Physical Science, High Energy Physics
PA

Alan S. Peterson, M.D.

Environmental Science, Environmental Health
PA

Dalton Stewart, M.A./M.S.

Engineering, Biofuels
PA

Scientists' Statement on Heavy-Duty and Passenger Vehicle Air Pollution Standards
1030 Endorsers

Daniel B. Szyld, Ph.D.

Mathematics, Numerical Analysis
PA

Kristin Toscano, M.A./M.S.

Biology, Microbiology
PA

Walter Yerk, Ph.D.

Engineering, Environmental Hazards
PA

Sheila Ward, Ph.D.

Ecology, Tropical Forest Ecology
PR

Sheila Ward, Ph.D.

Ecology, Tropical Forest Ecology
PR

Charles Lawrence, Ph.D.

Mathematics, Probability & Statistics
RI

Connie Lippert, M.A./M.S.

Earth Sciences, Soil Science
SC

Don H. Kelley, M.D.

Medicine/Medical Research, Pathology
SD

Georg Andersson, Post doc

Environmental Science, Agroecology
Sweden

Arshad Ameen, M.A./M.S.

Engineering, Structural Engineering
TN

Timothy Gaudin, Ph.D.

Biology, Mammalogy, Systematics, Paleontology
TN

Diane Keeney, Ph.D.

Life Science, Pharma Product Development
TN

Mark Klugiewicz, B.A./B.S.

Engineering, Chemical
TN

Michael Bergman, Ph.D.

Social Sciences, Clinical Psychology
TX

Linda Fielder, Post doc

Chemistry, Educator
TX

Benjamin G. Jr Liles, Ph.D.

Biology, Mycology
TX

Linda Schmalstieg, M.D.

Medicine/Medical Research, Mental Health
TX

Mary Bostick, Dr. P.H.

Education, Special Education
UT

Paul A. A. Gardner, Ph.D.

Biology, Anatomy
UT

Christopher L. Hall, M.D.

Pathology
UT

James Viney, M.D.

Medicine/Medical Research, Anesthesia
UT

Virginia Barber, M.D.

Medicine/Medical Research, Gynecology/
Women'S Health
VA

Scientists' Statement on Heavy-Duty and Passenger Vehicle Air Pollution Standards
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Leah Bush, M.D.

Medicine/Medical Research, Pathology
VA

Mason Deaver, M.A./M.S.

Computer Science, Software Design &
Development
VA

Norman E. Dowling, Ph.D.

Engineering, Materials, Mechanics
VA

Peter Egan, Ph.D.

Biology, Forestry, Entomology, Ecology, Invasive
Species Management, Pest Management
VA

Manuel E. Fiadeiro, Ph.D.

Earth Sciences, Oceanography
VA

Quentin Fischer, Post doc

Medicine/Medical Research, Neuroscience
VA

Daniel Hardy, M.A./M.S.

Engineering, Transportation Planning
VA

Kenneth Lederman, Ph.D. candidate

Social Sciences, Geography
VA

Charlotte Lehmann, M.A./M.S.

Earth Sciences, Paleoclimate Change
VA

John Renfrew, Post doc

Medicine/Medical Research, Causes & Control Of
Aggression
VA

Jess Summers, D.V.M.

Medicine/Medical Research, Veterinary
VA

David Wotton, Ph.D.

Biology, Genetics
VA

Wallace Elton, Ph.D.

Earth Sciences, Climatology
VT

richard jackson, M.D.

Medicine/Medical Research, Surgery
VT

Rene Langis, Ph.D.

Environmental Science, Water
VT

Lance Polya, Ph.D.

Ecology, Ecological Systems Thinking
VT

Robert Popp, M.A./M.S.

Biology, Botany
VT

Joel Creswell, Ph.D.

Environmental Science, Environmental Chemistry
WA

Eve Gordon, M.D.

Medicine/Medical Research, Allergy/Asthma
WA

Lise Grace, M.A./M.S.

Environmental Science, Landscape Ecology
WA

Joel Hencken, Ph.D.

Social Sciences, Clinical Psychology
WA

Joseph Hiss, M.A./M.S.

Fisheries
WA

Scientists' Statement on Heavy-Duty and Passenger Vehicle Air Pollution Standards
1030 Endorsers

William J J. Hoffer, B.A./B.S.
Engineering, Solar
WA

Dorothy Jordan, D.V.M.
Medicine/Medical Research, Veterinary Medicine
WA

David David Kerlick, Ph.D.
Physical Science, Mathematical Physics, Applied Mathematics
WA

Breck Lebegue, M.D.
Medicine/Medical Research, Public Health
WA

Deane Wang, Ph.D.
Ecology, Ecosystem Ecology
WA

Marian Wineman, M.A./M.S.
Engineering, Toxicology; Hazardous Waste
WA

David Henning, M.A./M.S.
Pharmacy
WI

Michael Iltis, Ph.D.
Mathematics, Probability
WI

Glenn Krakower, Ph.D.
Medicine/Medical Research,
Biochemistry/Endocrinology
WI

Theresa M. Lehman, B.A./B.S.
Sustainable Design/Construction
WI

James Scoville, B.A./B.S.
Engineering, Refrigeration
WI

Angeline Johnson, M.P.H.
Public Health, Epid
WA

Mary A Keeler, Ph.D.
Computer Science, Telecommunication
WA

Harrie Kessler, M.A./M.S.
Biology, Microbiology
WA

Javier Ortiz, M.A./M.S. candidate
Engineering, Aerospace & Systems
WA

Bruce A. Watson, Ph.D.
Life Science, Wine Chemistry & Microbiology
WA

Andrea Dutton, Ph.D.
Earth Sciences, Climate Change & Sea Level Rise
WI

Edward Hubbard, Ph.D.
Social Sciences, Cognitive Neuroscience
WI

Robert S. Juracka, M.A./M.S.
Biology, Ecology
WI

Douglas LaFollette, Ph.D.
Chemistry, Climate Disruption
WI

Shannon Milhaupt, M.A./M.S.
Economics, Valuation
WI

Daniel Weber, Ph.D.
Environmental Science, Behavioral Toxicology
WI

Scientists' Statement on Heavy-Duty and Passenger Vehicle Air Pollution Standards
1030 Endorsers

Louise Amrine, Ph.D.
Medicine/Medical Research, Physical Therapy
WV

Garrett Adams, M.D.
Medicine/Medical Research, Pediatric Diseases

Bharat Shrirang Adarkar, M.A./M.S.
Pharmacy, Materials Science, Packaging Engg.,
Design, Dev., & Validation

Mona Gustafson Affinito, Ph.D.
Social Sciences, Psychology

Frederic Allegrini, Post doc
Physical Science, Space Research

Julie Ann Allender, Ph.D.
Medicine/Medical Research, Psychologist

Marshall Anderson, Ph.D.
Medicine/Medical Research, Biochemistry,
Molecular Biology

Jim H. Andrews, Ph.D.
Physical Science, Optical Materials

Laurie Archambault, M.A./M.S.
Biology, Botany

Juan Artes, Ph.D.
Chemistry, Biochemistry & Biophysics

William IV Telfair, Ph.D.
Physical Science, Lasers
WV

Dave Adams, M.A./M.S.
Engineering, Mechanical Engineering

Ken Adler, M.A./M.S.
Social Sciences, Community Mental Health

Nina Ainslie, M.D.
Medicine/Medical Research, Internal Medicine,
Geriatrics

Ethan Allen, Ph.D.
Biology, Behavior

Matt Alles, B.A./B.S.
Engineering, Mechanical Engineering

Virginia Anderson, Ph.D.
Social Sciences, Psychology

Cynthia Ann Annett, Ph.D.
Environmental Science, Aquatic Ecology,
Environmental Remediation

Dave Arndt, B.A./B.S.
Engineering, Chemistry, Biology, Information
Services, International Relations

Afshan Nuri Baig, M.D.
Public Health, Pediatrics

Scientists' Statement on Heavy-Duty and Passenger Vehicle Air Pollution Standards
1030 Endorsers

Nathaniel Bailey, M.A./M.S.
Environmental Science, Policy

David Baine, B.A./B.S.
Engineering, Mechanical

Norman Baker, Ph.D.
Ecology, Entomology

Charles M. Baldwin, Ph.D.
Chemistry, Chemical Education, Organic
Chemistry, Poly

Roger C. Bales, Ph.D.
Engineering, Climate Solutions

David Penfield Ballou, Ph.D.
Life Science, Enzymology, Oxygen Chemistry

Ron L. Bardell, Ph.D.
Engineering, Fluid Dynamics

Greg Barnett, M.A./M.S.
Engineering, Software

Ernst Bauer, Ph.D.
Physical Science, Surface Physics

Richard Baumgartner, Ph.D.
Engineering, Integrated Circuit Design &
Measuring Instrument Design

Gary Baxel, B.A./B.S.
Engineering, IE

Christopher Bayne, Post doc
Biology, Immunology, Parasitology, Genomics.

Gary R. Bea, M.A./M.S.
Engineering, Guidance & Control

William S. Beckett, M.D.
Medicine/Medical Research, Environmental Health

Ann Behmann, M.D.
Medicine/Medical Research, Pediatrics

Martine Louise Behra, Post doc
Life Science, Molecular Biology

William C. Belknap, M.A./M.S.
Ecology, Freshwater Fisheries

Vedavathi Bellamkonda-Athmaram, M.D.
Medicine/Medical Research, Pediatrics

Douglas Jeffrey Bender, Ph.D.
Engineering, Space Vehicles

Douglas M Benedict, M.A./M.S.
Engineering, Computer System Design

Jerry Berkman, M.A./M.S.
Mathematics, Computer Programming

Joseph Berkson, M.D.
Medicine/Medical Research, Family Medicine

Scientists' Statement on Heavy-Duty and Passenger Vehicle Air Pollution Standards
1030 Endorsers

Dave Berlin, M.A./M.S.
Computer Science, Ai

Nancy Berman, M.A./M.S.
Social Sciences, Therapy

Joseph Bernstein, Ph.D.
Physical Science, Astrophysics

Barbara Betz, Ph.D. candidate
Social Sciences, Anthropology

Larry Beutler, Ph.D.
Life Science, Clinical Psychology

James Bibb, Ph.D.
Clinical Psychology

Staci Bilbo, Ph.D.
Biology, Neuroscience, Neuroimmunology,
Including Studies Of Air Pollution Effects

Tamsen Binggeli, M.A./M.S.
Environmental Science, NEPA

Kevin Bissonnette, D.V.M.
Medicine/Medical Research, Veterinary Surgery

William Blackley, M.D.
Medicine/Medical Research, Family Medicine

Stu Blechner, D.D.S.
Biology, Oral Health

Phyllis Blumberg, Ph.D.
Social Sciences, Learning

Susan Bollinger, Ph.D.
Ecology, Biology

Jim Bolstad, M.A./M.S.
Chemistry, Water

S. Thomas Bond, Ph.D.
Chemistry, Teaching

Martha L. Booz, Ph.D.
Biology, Plasma Membranes in Plants

Kristina Borror, Ph.D.
Biology, Regulatory Science

Mark Boryta, Ph.D.
Earth Sciences, Atmospheric Aerosols For
Geoengineering

Dimitris Boufidis, Ph.D. candidate
Engineering, Biomedical Engineering

James Boulter, Ph.D.
Chemistry, Air Pollution & Climate Change

Richard Bourgin, Ph.D.
Mathematics, Functional Analysis

Kathryn Bourgooin, M.D.
Medicine/Medical Research, Family Medicine

Scientists' Statement on Heavy-Duty and Passenger Vehicle Air Pollution Standards
1030 Endorsers

Joan Boyar, Ph.D.
Computer Science, Algorithms

Richard Boyce, Ph.D.
Ecology, Invasive Plants

Susan L and John E L. Brant, M.A./M.S.
Retired Librarian

Spyros Braoudakis, Ph.D.
Computer Science, Databases

Kenneth Brennen, Ph.D.
Chemistry, Biomedical Technology

Keith F. Brill, M.A./M.S.
Earth Sciences, Meteorology

Pamela Brock, Ph.D.
Earth Sciences, Tectonics

John Brooks, D.V.M.
Medicine/Medical Research, Equine Surgery & Reproduction

Matthew Brown, M.P.H.
Public Health, Behavioral Science

Barbara Bryce, Ph.D.
Social Sciences, Clinical Psychology

Theodore Burger, M.D.
Medicine/Medical Research, Family Medicine

John T Burgess, M.A./M.S.
Computer Science, Software Engineering

Sharon Burke, M.D.
Medicine/Medical Research, Ophthalmology

Janie Burkhart, M.P.H.
Public Health, Public Health

John Burridge, M.A./M.S.
Chemistry

Janet Burrows, M.A./M.S.
Biology, Education

Ruth Burstrom, M.D.
Medicine/Medical Research, Geriatric Medicine

Harry J J. Bury, Ph.D.
Social Sciences, Organizational Behavior

John Bushweller, Ph.D.
Chemistry, Structural & Chemical Biology

Hooman Bustani, M.A./M.S.
Engineering, Electrical

Janine Busz, B.A./B.S.
Engineering, LID

Sue Butler RN MSN PhD, Ph.D.
Social Sciences, Behavioral Economics & Climate Behavior

Scientists' Statement on Heavy-Duty and Passenger Vehicle Air Pollution Standards
1030 Endorsers

Tara Bylsma, M.D.
Medicine/Medical Research, Infectious Diseases

Jim Byrne, M.A./M.S.
Biology, Aquaculture

John Calomeni, M.D.
Medicine/Medical Research,

James H. Jr Campbell, M.A./M.S.
Engineering, Energy

Christian Camphire, M.A./M.S.
Environmental Science, Environmental Science & Policy

John F. Cantilli, M.A./M.S.
Ecology, Wetlands

Shannon Card, M.D.
Medicine/Medical Research, Family Medicine

Suzanne Cashman, Ph.D.
Public Health, Structural Determinants Of Health

John Chapin, M.D.
Medicine/Medical Research, Hematology

Ted Cheeseman, Ph.D. candidate
Biology, Marine Biology

Sheryan Epperly Chester, M.A./M.S.
Biology, Marine Sciences; Conservation Biology

Jason Chinn, M.A./M.S.
Chemistry, Medicinal & Organic

Alexandre Chorin, Dr. P.H.
Mathematics, Computational Physics

David Christiansen, M.D.
Medicine/Medical Research,
Emergency/Occupational Medicine

David L. Clapper, Ph.D.
Medicine/Medical Research, Cell Biology, Tissue Engineering

Joseph Cleary, Ph.D.
Life Science, Molecular Microbiology

Linda L. Clements, Ph.D.
Engineering, High-Performance Composite Materials

Ruth Clifford, Ph.D.
Social Sciences, Clinical Psychology

Alicia Clifton, M.A./M.S.
Social Sciences, Anthropology, Linguistics

Michael Coblenz, Ph.D.
Computer Science, PL, HCI, SE

Todd Cochran, Ph.D.
Chemistry, Medicinal Chemistry

Stephen Cofer-Shabica, Ph.D.
Earth Sciences, Oceanographer

Scientists' Statement on Heavy-Duty and Passenger Vehicle Air Pollution Standards
1030 Endorsers

Natalie S. Cohen, Ph.D.
Biology, Metabolic Biochemistry

Aaron Cohen, M.P.H
Public Health, Epidemiology

Art Cohen, M.P.H.
Public Health, Transportation; Water & Sanitation.

Mike Cohn, D.V.M.
Medicine/Medical Research, Veterinary Surgery & Medicine

Amber Cohn, D.V.M.
Medicine/Medical Research, Veterinary Medicine

Paul M. Jr Collins Jr, D.O.
Medicine/Medical Research, Anesthesiology

Robert Jr Colson, M.A./M.S.
Social Sciences, Archaeology

Douglas Conant, Dr. P.H.
Social Sciences, Clinical Psychology

Paul Conklin, Ph.D.
Environmental Science, Micrometeorology

David Conklin, M.A./M.S.
Environmental Science, Forest Pathology

Joyce Coombs, M.A./M.S.
Biology, Fisheries

John N. Cooper, Ph.D.
Chemistry, Physical, Inorganic, Environmental

Charles Coston, Ph.D.
Chemistry, Measurement

Brian M. Cox, Ph.D.
Medicine/Medical Research, Pharmacology

Tony P. Crabb, B.A./B.S.
Engineering, Electrical

David L. Craft, M.A./M.S.
Physical Science, Weather Forecasting

Scott Crass, Ph.D.
Mathematics, Geometry, Dynamics

Kimberly Crihfield, M.D.
Medicine/Medical Research, Internal Medicine/Occupational Medicine

Donald Criss, M.A./M.S.
Earth Sciences, Geology

Sarah Crowder, Post doc
Physical Science, Physics

Don Crozier, M.A./M.S. candidate
Chemistry

Laurette Cucuzza, M.P.H.
Public Health, Reproductive Health

Scientists' Statement on Heavy-Duty and Passenger Vehicle Air Pollution Standards
1030 Endorsers

Donald Cuming, M.A./M.S.
Engineering, Facilities Management

Sandra L. Curry, Ph.D.
Social Sciences, Psychology

Barry Daly, M.D.
Medicine/Medical Research, Radiology

Camille Annette D'Ascoli, Ph.D.
Social Sciences, Clinical Psychology

Jack David Marcus, M.P.H.
Public Health, Public Health

Howard Davidson, Ph.D.
Physical Science, Electronics

Steve Davidson, Ph.D.
Physical Science, Systems Architecture

Gary Davis, Ph.D.
Biology, Virology Microbiology Cell Biology
Biochemistry

Daniel M. Dawley, M.D.
Medicine/Medical Research, Internal Medicine

Richard Dawson, B.A./B.S.
Engineering, Vacuum Electron Devices

MaryAnn Decker, M.A./M.S.
Mathematics, Statistics

Michael DeLoye, M.A./M.S.
Engineering, Computer System Design

Elizabeth DeLyria, Post doc
Biology, Immunology

Susan L Deppe, M.D.
Medicine/Medical Research, Psychiatry

Alan W. DeSilva, Ph.D.
Physical Science, Plasma Physics, Ionized Gases

Ingrid Desilvestre, M.A./M.S.
Social Sciences, International Affairs

John Devendorf, Ph.D.
Social Sciences, Treatment Of Youth, Therapeutic
Community, Residential Treatment Management

Lawrence Lawrence Dingman, Ph.D.
Earth Sciences, Hydrology

Paul Doelling, M.B.A.
Public Health, Healthcare Administration

John T. Donlin, M.A./M.S.
Physical Science, Physics

Scientists' Statement on Heavy-Duty and Passenger Vehicle Air Pollution Standards
1030 Endorsers

Ann Dorsey, M.A./M.S.
Ecology, Plants

Ellen Dorshow-Gordon, M.P.H.
Public Health, Infectious Diseases

John W. Douglas, M.A./M.S.
Physical Science, Pulse Sciences

Christine Doyka, M.A./M.S.
Psychology

Jeffrey J Dravis, Ph.D.
Earth Sciences, Sedimentology

Lloyd Dumas, Ph.D.
Economics, Political Economy

Cathie Dunal, M.D.
Medicine/Medical Research, Family Practice

Karthik Durvasula, Ph.D.
Linguistics (Phonetics & Phonology)

Nejat Duzgunes, Ph.D.
Life Science, Microbiology

Erica Ehrhardt, Ph.D.
Life Science, Neuroscience

Joseph Eichberg, Ph.D.
Chemistry, Biochemistry

Robert L Elgin, Ph.D.
Physical Science, Low Temperature Physics &
Thermodynamics

Louisa K. Emmons, Ph.D.
Physical Science, Atmospheric Chemistry

Eileen Entin, Ph.D.
Social Sciences, Human Factors

Anne Erreich, Ph.D.
Medicine/Medical Research, Psychology

Alexander C Esche, M.A./M.S.
Mathematics, Computational Mathematics

Linda Evinger, M.A./M.S.
Nursing, Mental Health Nursing

John Eyler, Ph.D.
Chemistry, Physical Chemistry

Esther J. Faber, M.A./M.S.
Social Sciences, Psychotherapy

Maureen Enid Fairbrother, M.D.
Medicine/Medical Research, Anesthesia

Amy Faivre, Ph.D.
Biology

Laura E Farrell PhD, Ph.D.
Biology, Wildlife & L&Scape Ecology

Scientists' Statement on Heavy-Duty and Passenger Vehicle Air Pollution Standards
1030 Endorsers

Ryszard Feldman, M.A./M.S.
Engineering, Computer Engineering

Tracy Feldman, Post doc
Ecology, Population Ecology/Biodiversity

Matt Filler, M.B.A.
Computer Science, Systems Engineering

Robert Fischer, Dr. P.H.
Medicine/Medical Research, Psychiatry

Teresa Fleener, M.A./M.S.
Environmental Science, Global Sustainability

Ken Fletcher , D.V.M.
Medicine/Medical Research, Veterinary Care Clinical

Adam Fogel, M.A./M.S.
Engineering, Design

Heather Flueger, M.P.H.
Public Health, Environmental Health

Daniel Ford, Ph.D.
Medicine/Medical Research, Anatomy, Skin Biology, Toxicology

Cherryl Friedman, M.D.
Medicine/Medical Research, Psychiatry

Mark G. Friesen, Post doc
Physical Science, Quantum Computing Theory; Condensed Matter Theory

Robert Frischmuth, M.A./M.S.
Engineering, Chemical

Jan Fritz, Ph.D.
Social Sciences, Environmental Justice

Dennis Froman, B.A./B.S.
Engineering, Utility Solar Plant Design

Tom Frost, Ph.D.
Social Sciences, Cognitive Science

Gene R. Heinze Fry, Ph.D.
Economics, Climate Change

Alan Fryar, Ph.D.
Earth Sciences, Hydrogeology

Marc Futernick, M.D.
Medicine/Medical Research, Emergency

Kay C. Gabriel, M.A./M.S.
Biology, Molecular Biology

Kevin Gallen, B.A./B.S.
Engineering, Mechanical Engineering

Sharma Gaponoff, M.A./M.S.
Biology, Paleopalynology

Albert Garcia-Romeu, Ph.D.
Social Sciences, Psychopharmacology

Scientists' Statement on Heavy-Duty and Passenger Vehicle Air Pollution Standards
1030 Endorsers

Jenene G G. Garey, Ph.D.
Environmental Science, Nutrition

Michael Gawel, M.A./M.S.
Ecology, Coral Reefs

Donna Gellman-Rodriguez, Ph.D.
Psychology

David Gieseker, Ph.D.
Mathematics, Algebraic Geometry

Steven S. Gilbert, M.A./M.S.
Ecology, Ecology

Prisca Gloor, Ph.D.
Social Sciences, Psychology

Daniel Goldberg, Ph.D.
Biology, Animal Behavior

Bill Goldsborough, M.A./M.S.
Ecology, Estuarine Ecology

Beverly Goodman, M.D.
Medicine/Medical Research, Child Psychiatry

Lawrence A. Goodman, Ph.D.
Physical Science, Semiconductors

Albert M Gottlieb, Ph.D.
Physical Science, Solid State Physics

Alvaro Garza, M.D.
Public Health, Public Health

Barbara Gelder, Ph.D.
Neuropsychology

Madelaine Georgette, M.A./M.S.
Economics, Public Policy Analysis

Ken A. Gigliello, M.A./M.S.
Environmental Science, Regulations, Enforcement
Of Environmental Laws

Val R. Gizinski, M.A./M.S.
Ecology, Natural Resource Management

Rachel Godbout, M.A./M.S.
Biology, Virology

William Golding, M.A./M.S.
Equitable Climate Adaptation

Livier Gonzalez Cordero, Ph.D.
Life Science, Microbiology

Ron Goodman, Ph.D.
Biology, Neuroscience

Eugene L. Gottfried, M.D.
Medicine/Medical Research, Professor Emeritus,
Laboratory Medicine

Anita Gould, Ph.D.
Biology, Neurobiology

Scientists' Statement on Heavy-Duty and Passenger Vehicle Air Pollution Standards
1030 Endorsers

David Greenfield, M.D.
Medicine/Medical Research, Orthopedic Surgery

Paul Gregg, M.A./M.S.
Engineering, Electrical Engineering, Industrial Control

Gregory Grether, Ph.D.
Biology, Ecology

Georgia Griffin, D.O.
Medicine/Medical Research,
Neuromusculoskeletal Medicine/Osteopathic Manipulative Medicine

Harry III Griffith, M.D.
Medicine/Medical Research,
Hematology/Oncology

Elizabeth Gross, M.A./M.S.
International Relations

Nevin E. Grossnickle, Ph.D.
Biology, Limnology

Gary Groth-Marnat, Ph.D.
Medicine/Medical Research, Neuropsych

Thomas J Guobis, M.A./M.S.
Ecology, Wetland & Reclamation Ecology

Steven Guttmann, B.A./B.S.
Engineering, Decarbonization Of The Built Environment

William Hager, Ph.D.
Mathematics, Optimization & Control

Camille Hakansson, M.A./M.S.
Public Administration

Susanne Hale, M.A./M.S.
Earth Sciences, Climate Agroforestry

John Hall, M.A./M.S.
Environmental Science, Geology

George Hall, M.A./M.S.
Earth Sciences, Geotechnical/Hydrogeology

Ellen A. Hall-Chave, M.D.
Medicine/Medical Research, Pediatrics

Leah Hallow, Ph.D.
Social Sciences, Psychology

Charles B. Halpern, Ph.D.
Ecology, Plant Ecology

Elizabeth Hamilton-Byrd, M.D.
Medicine/Medical Research, Neurology,
Epidemiology

Robin Hamlin, M.A./M.S.
Biology, Wildlife

Scientists' Statement on Heavy-Duty and Passenger Vehicle Air Pollution Standards
1030 Endorsers

Robert M. Hamm, Ph.D.
Medicine/Medical Research, Psychology Of Medical Decision Making

John Haresch, M.D.
Medicine/Medical Research, Family Medicine

Jack Harlan, Ph.D.
Physical Science, Radar Oceanography

Linda Harrell, M.A./M.S.
Biology, Science Education

Fred A. Harris, Ph.D.
Physical Science, Elementary Particles

Mary Harte, Ph.D.
Environmental Science, Population & Climate Change

Charles Jr Hash, Post doc
Agriculture, Conventional & Marker-Assisted Plant Breeding

Christine Hass, Ph.D.
Biology, Wildlife Ecology

Teresa Hawkes, Post doc
Medicine/Medical Research, Human Physiology

John T. Hayes, Ph.D.

John T. Hardy, M.A./M.S.
Biology, Environmental Biology, Biogeography

John Harkness, Ph.D.
Engineering

Patricia P Harlow, Ph.D.
Biology, Molecular Biology/Pharmacology/Toxicology

Helen Harrell, M.A./M.S.
Social Sciences, Psychology/Sociology

James S. Harris, Ph.D.
Engineering, Semiconductor Materials & Photonic Devices For Gas Detection

Beverly Karplus Hartline, Ph.D.
Earth Sciences, Geophysics

Richard C. Haskell, Post doc
Education, Nuclear Physics, Biophysics, Optical&Photovoltaic Physics, Solid State

Jeanette Hassin, Ph.D.
Social Sciences, Medical Anthropology

Lelia Hawkins, Ph.D.
Environmental Science, Air Pollution Chemistry

Michael Heaney, M.A./M.S.

Scientists' Statement on Heavy-Duty and Passenger Vehicle Air Pollution Standards
1030 Endorsers

Physical Science, Physical Geography, Climatology, Engineering, Energy Engineering
Natural Resource Management

Richard O. Heck, M.D.
Medicine/Medical Research, Pediatrics

Beverly M. Hector-Smith, M.A./M.S.
Public Health, Maternal/Child Health

Eli Hegeman, Post doc
Social Sciences, Psychology

Donald Helm, Ph.D.
Earth Sciences, Groundwater Hydraulics

Carl S. Helrich, Ph.D.
Physical Science, Plasma Physics

Marilee Henry, Ph.D.
Earth Sciences, Seismology/Oceanography

Thomas Herlacher, M.B.A.
Engineering, Mechanical & Environmental

Tom Herman, M.A./M.S.
Engineering, Environmental

Tucker Hermans, Ph.D.
Engineering, Robotics

Sidney Herszenzon, M.D.
Medicine/Medical Research, Dermatology

Michael Herz, Ph.D.
Biology, Behavioral Biology, Marine & Coastal
Protection & Advocacy

Judith Herzfeld, Ph.D.
Chemistry, Biophysical Chemistry

Alfred Higgins, M.D.
Medicine/Medical Research, Neurosurgery

Peter H. Hildebrand, Ph.D.
Earth Sciences, Meteorology

Brodie Hilp, Ph.D.
Psychology, Evolutionary Basis Of Social Behavior

Deb Hirt, Ph.D.
Life Science, Ornithology

Nancy Hiser, M.A./M.S.
Speech Pathology

Lynn Hoang Hoang, M.D.
Medicine/Medical Research, Pediatrics

Steven T. Hoelke, M.A./M.S.
Physical Science, Solid State Physics

Richard Hogaboom, M.A./M.S.
Physical Science, Physics

Scientists' Statement on Heavy-Duty and Passenger Vehicle Air Pollution Standards
1030 Endorsers

Craig Holt, Ph.D.
Engineering, Digital Electronics

John Holtzclaw, Ph.D.
Environmental Science, Urbn

John Holtzclaw, Ph.D.
Environmental Science, urbn, VMT

Nancy Honeychuck, M.A./M.S.
Medicine/Medical Research, Clinician

Marcia Hoodwin, M.A./M.S.
Education, Speech Pathology

John II Hoover, M.D.
Medicine/Medical Research, Ob/Gyn

Ben Horner-Johnson, Post doc
Earth Sciences, Paleomagnetism & Tectonics

Joe Houde, M.A./M.S.
Computer Science, Climate Change

Ke Chiang Hsieh, Ph.D.
Physical Science, Space Physics

Ronald W W. Hull, Ph.D.
Education, Study Of Technology Including Energy Conservation

Ken Hultquist, M.A./M.S.
Engineering, Energy Engineering

Larry Hund, M.D.
Medicine/Medical Research, Pediatrics

Marc Imlay, Ph.D.
Biology

David W. Inouye, Ph.D.
Biology, Ecology, Climate Change

Monika Ivancic, Ph.D.
Physical Science, NMR Spectroscopy

Brad Jacobsen, Ph.D.
Physical Science, Field Theory

Arthur Jameson, Ph.D.
Earth Sciences, Cloud Physics & Radar Meteorology

Edwin Jaros, M.A./M.S.
Environmental Science, Hazardous Materials Management

Jo Ann Jeffries, M.A./M.S.
Nursing, Nursing Informatics

Matthew A. Jendian, Ph.D.
Social Sciences, Race & Ethnicity; Nonprofit Administration; Terrorism & Genocide

Kenneth Jenrow, Post doc
Medicine/Medical Research, Neuroscience

Christopher J J. Jensen, Ph.D.
Ecology, Environmental Education

Scientists' Statement on Heavy-Duty and Passenger Vehicle Air Pollution Standards
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Pamela Jernigan, M.A./M.S.
Medicine/Medical Research, Advanced Practice
Nursing, Cardiology

Keith Johnson, M.A./M.S.
Agriculture, Animal Breeding

Amy Johnson, M.D.
Medicine/Medical Research, Radiology

Andrew Jones, Ph.D.
Social Sciences, Environmental Sociology

James Jones, M.A./M.S.
Biology, Raptors

Susan I. V. Judge, Ph.D.
Medicine/Medical Research, Neuroscience &
Biophysics

Patricia Kadar, B.A./B.S.
Engineering, Process Engineering, Project
Management, Environmental Engineering & Test

Mary Ann Kadooka, M.A./M.S.
Education, Physics

Henry S. Kahn, M.D.
Medicine/Medical Research, Preventive Medicine,
Chronic-Disease Epidemiology

Thomas Kailath, Ph.D.
Engineering, Signal Processing

Marjorie Jimenez, M.A./M.S.
Medicine/Medical Research, Pediatrics

Eric Johnson, B.A./B.S.
Engineering, Civil

Jonna Johnson, M.A./M.S.
Sustainable Communities

Virginia A Jones, Ph.D.
Environmental Science, Environmental Education

Sandra K. Joos, Ph.D.
Public Health, Health Services Research

Beth Juliar, M.A./M.S.
Mathematics, Biostatistics, Medicine & Health

Andreas Kadavanich, Ph.D.
Chemistry, Materials

Bill Kaemmerer, Ph.D.
Life Science, Neuroscience

Sidney Kahn, Ph.D.
Medicine/Medical Research, Biochemistry /
Pharmacology

Bharat Kaku, Ph.D.
Education, Operations Management

Scientists' Statement on Heavy-Duty and Passenger Vehicle Air Pollution Standards
1030 Endorsers

Richard E. Kanner, M.D.
Medicine/Medical Research, Pulmonology

David Kannerstein, Ph.D.
Social Sciences, Psychology

Edward Kansa, Ph.D.
Physical Science, Environmental Physics

James Kantor, M.A./M.S.
Public Health, Environmental Management

Robert Kaplan, D.V.M.
Medicine/Medical Research, Veterinary

Eda Kapsis, M.A./M.S.
Chemistry, Climate Science

Roxanne Karimi, Ph.D.
Life Science, Environmental Health

Ronald Karpick, M.D.
Medicine/Medical Research, Pulmonary Diseases & Tuberculosis

Mary Kaysinger, Ph.D.
Medicine/Medical Research, Pharmacology

Paul Keady, M.A./M.S.
Engineering, High Tech

Gerald Patrick Kealey, M.D.
Medicine/Medical Research, Surgery

Bobby Keeland, Ph.D.
Ecology, Southern Swamps & Bottoml& Hardwood Forests.

Lori L. Kegler, M.A./M.S.
Biology, Cytogenetics

Elizabeth Kemph, B.A./B.S.
Engineering, Architecture

Kim Kengor, M.A./M.S.
Public Health, Diabetes

Peter A. Kerr, Ph.D.
Biology, Agriculture

Karl Kibler, M.A./M.S.
Earth Sciences, Geoarcheology

Sue King, M.A./M.S.
Chemistry, Education

Chris King, Post doc
Chemistry, Syn Org Chem/Formulation
Science/B.I.R.S.

John B. Kirby, M.A./M.S.
Computer Science, AI

Karen Kirkhart, Dr. P.H.
Social Sciences, Program Evaluation

jon kirkpatrick, Ph.D.
Earth Sciences, The Earth

Scientists' Statement on Heavy-Duty and Passenger Vehicle Air Pollution Standards
1030 Endorsers

David Klein, Ph.D.
Mathematics, Mathematical Physics

Phil Klein, Ph.D.
Linguistics

Barry A. Klinger, Ph.D.
Earth Sciences, Physical Oceanography & Climate.

Pete Klosterman, Post doc
Chemistry, Biochemistry

Ned J. Knight, Ph.D.
Ecology, Freshwater Fish Ecology

Van IV Knox, D.V.M.
Medicine/Medical Research, Radiology

R. Wade Kohlmann, B.A./B.S.
Engineering, Environmental Engineering/Science

Kristin Kokal, M.A./M.S.
Environmental Science, Environmental Policy

Janet L. Kolodner, Ph.D.
Computer Science, Learning Technologies

Maureen Koneval, M.A./M.S. candidate
Biological Oceanography

Louis C C Kovacs, M.A./M.S.
Environmental Science, Physical Oceanography

Rita Kovshun, M.A./M.S. candidate
Engineering, Mechanical

Pawel Kozlowski, Ph.D.
Physical Science, Plasma Physics

John Kozub, Ph.D.
Physical Science, Physics

Arthur Krakowsky, M.A./M.S.
Engineering, Engineering & Psychology

Bruce Krawisz, M.D.
Medicine/Medical Research, Pathology, Climate Change

Wolf Krebs, D.V.M. candidate
Medicine/Medical Research, Neuroscience

Karel Krerzschmar, M.D.
Biology, Physiology

Marian Kummer, M.D.
Medicine/Medical Research, Pediatrics

Edward J. Kushner, Ph.D.
Environmental Science, Climate Change

Kenneth J. Kutalek, M.D.
Medicine/Medical Research, Pediatrics

Michael Kutilek, Ph.D.
Biology, Biology

Scientists' Statement on Heavy-Duty and Passenger Vehicle Air Pollution Standards
1030 Endorsers

Thomas W. La Point, Ph.D.
Biology, Environmental Toxicology

Troy Ladine, Ph.D.
Ecology, Medium-Sized Mammalian Community
Ecology

John W. Lamperti, Ph.D.
Mathematics, Random Processes; Statistics

Beth Larson, Ph.D.
Social Sciences, Geography

Pat LaStrapes, M.B.A.
Engineering, Chemical Engineering

Silvia Leahu-Aluas, M.A./M.S.
Engineering, Sustainable Manufacturing

Dennis Ledden, M.A./M.S.
Social Sciences, Psychology

Christoph Leemann, Ph.D.
Physical Science, Accelerator Physics

Barry R. Lentz, Ph.D.
Chemistry, Biophysics

Eric Levine, M.A./M.S.
Computer Science, Information Technology

Peter Levon, Ph.D.
Environmental Science, Chemistry & Microbiology

shawn lewis, M.A./M.S. candidate
Engineering, Quality Management

Felicia Lewis, M.D.
Medicine/Medical Research, Infectious Diseases

Lian Kirit Limperis, M.P.H.
Biology, Molecular Biology

Ashley Lindell, M.D.
Medicine/Medical Research, Family Medicine

Dan Ling, M.A./M.S.
Earth Sciences, Geology & Science Education

Virgene Link-New, D.D.S.
Medicine/Medical Research, Dentistry

James J. Lipka, Post doc
Chemistry, Inorganic Biochemistry

Hugh Lippincott, Ph.D.
Engineering, Medical Instrument Systems
Engineering

Don Lipsitt, M.D.
Medicine/Medical Research, Psychiatry

David K. Lohrmann, Ph.D.
Public Health, Child & Adolescent Health
Promotion

Julie Long, M.D.
Medicine/Medical Research, Pediatric Surgery

Scientists' Statement on Heavy-Duty and Passenger Vehicle Air Pollution Standards
1030 Endorsers

John P. Lorand, Ph.D.
Chemistry, Organic Chemistry

Frank Lorch, M.D.
Medicine/Medical Research, Sports Medicine

Herbert Lord, Ph.D.
Engineering, Heat Transfer, Fluid Dynamics

Robin Lorentzen, Ph.D.
Social Sciences, Educator

Kenneth J. Lutz, Ph.D.
Engineering, Electric Grid Modernization

Stephen Maack, Ph.D.
Social Sciences, Urban Anthropology, Planning,
Strategic Change, Program Evaluation

Sophia Malamud, Ph.D.
Linguistics

Franklin Maloba, Ph.D. candidate
Medicine/Medical Research, Infectious (Malaria,)
& Non-Infectious Diseases (Cancer, Diabetes/Obe

Elizabeth Margaret Maloney, Dr. P.H.
Public Health, Epidemiology

Cynthia Manos, M.D.
Medicine/Medical Research, Pediatrics

Robert Marcinko, M.A./M.S.
Physical Science, Chemical Toxicology

Gary Martin, Ph.D.
Engineering, Electrical

Julie Mascarenhas, Ph.D.
Ecology, Marine

Gerry Masurat, Ph.D.
Biology, Microbiology & Immunology.

Diane F. Matesic, Ph.D.
Biology, Cancer Biology

Albert R. Matheny, Ph.D.
Social Sciences, Environmental Regulation

Duane J. Matthiesen, M.A./M.S.
Engineering, Electrical Engineering -- Radar Systems

Stefan Maus, Ph.D.
Earth Sciences, Geophysics

Eric K McCall, Ph.D.
Computer Science, Data Processing

Gordon McCurry, Ph.D.
Earth Sciences, Hydrology

Kevin McKernan, M.A./M.S.

William McKinney, Ph.D.

Scientists' Statement on Heavy-Duty and Passenger Vehicle Air Pollution Standards
1030 Endorsers

Engineering, Transportation

Computer Science, System Architecture

Patricia McLaine, Dr. P.H.
Public Health, Nursing

Donald McNellis, M.D.
Public Health, Maternal-Fetal Medicine

Carol McRae, Ph.D.
Social Sciences, Psychotherapy

Anthony Mehle, M.D.
Medicine/Medical Research, Dermatology

Douglas Meikle, Ph.D.
Biology, Ecology

Jonathan Memmert, M.P.H.
Public Health, Health Services Administration

William Meneese, Ph.D.
Social Sciences, Clinical Neuropsychology

Nachum Meres, Ph.D.
Environmental Science, Microbiomics

Charles Michel, B.A./B.S.
Engineering, Petroleum Engineering

Eric Michelsen, Ph.D.
Physical Science, Physics

Pascal Mickelson, Post doc
Physical Science, Renewable Energy, Low-Temperature Plasmas

Gaia Mika, Ph.D.
Social Sciences, Psychology

Michael Mikus, M.D.
Medicine/Medical Research, Preventive Care

Scott Milam, M.A./M.S.
Engineering, Process Engineering

Susanna Miller, M.A./M.S.
Environmental Science, Wildlife Ecology/Habitat Fragmentation

Steven Miller, M.A./M.S.
Life Science, Teaching

Arthur Miller, Post doc
Medicine/Medical Research, Pharmacology / Polycyclic Aromatic Hydrocarbon Metabolism / Gene Therapy

Kelly Miller, M.D.
Medicine/Medical Research, Family Medicine/Epidemiology

Gifford H. Miller, Ph.D.
Earth Sciences, Paleoclimate

Guy S. Miller, Ph.D.
Physical Science, Physics, Financial Risk

Scientists' Statement on Heavy-Duty and Passenger Vehicle Air Pollution Standards
1030 Endorsers

Miramanni Mishkin, Dr. P.H.
Environmental Science, Human Geography

F Marion Mitchell III, M.A./M.S.
Engineering, Mechanical System Design

Pascal Molineaux, M.A./M.S.
Agriculture, International Development

Phil Monroe, M.D.
Medicine/Medical Research, Fam Med

David Morganstein, M.A./M.S.
Mathematics, Statistics

Frances Mott, D.V.M.
Medicine/Medical Research, Veterinary Medicine;
Public Health Veterinarian

Melanie Mouzoon, M.D.
Medicine/Medical Research, Pediatrics

Patricia Mullan, Ph.D.
Life Science, Medical Education

Michael A. Mulligan, M.A./M.S.
Engineering, Variable Frequency Drives

Desmond L. Murphy, B.A./B.S.
Engineering, Circuit Design

Chris Murray, Ph.D.
Earth Sciences, Hydrogeology, Sedimentary
Geology, Geostatistics

Robert Mitchell, Ph.D.
Social Sciences, Comparative Psychology

Bryan Moffitt, M.A./M.S.
Engineering, Communications

Andrew Monjan, Ph.D.
Life Science, Neurobiology

Elizabeth Moore, M.A./M.S.
Physical Science, Computational Fluid Dynamics

Henry Morgen, M.A./M.S.
Engineering, Production; Process Optimization;
Management; Test; Electronics

Mark Mountford, M.D.
Medicine/Medical Research, XRay

Stephen Mudrick, Ph.D.
Earth Sciences, Meteorology

Eric Muller, D.V.M.
Medicine/Medical Research, Veterinarian

Shawn Mulvihill, D.V.M.
Medicine/Medical Research, Holistic Vet Med

Brigid Murphy, D.V.M.
Medicine/Medical Research, Veterinary Medicine

Tracy Musgrove, M.A./M.S.
Biology, Environmental Toxicology

Scientists' Statement on Heavy-Duty and Passenger Vehicle Air Pollution Standards
1030 Endorsers

Jacob Naeb, M.A./M.S.
Engineering, Energy Engineering

marvin napgezek, M.D.
Medicine/Medical Research, Retired

Jean Marie Naples, Post doc
Medicine/Medical Research, Family Medicine,
General Surgery International
Environmental/Public Health,

Carroll A. Nast, B.A./B.S.
Engineering, Electrical/Electronic

Michael Neale, Ph.D.
Medicine/Medical Research, Statistical Modeling

Anne Ness, Other
Public Health, Chronic Care & Mental Health

John Nettleton, Other
City Planning, Energy Efficiency & Sustainable
Design

Rebecca Neumann, Ph.D.
Engineering, Environmental Engineering

Donnah Nickerson-Reti, M.D.
Medicine/Medical Research, Neurodevelopmental
Psychiatry

Lynn Nielsen, Ph.D.
Biology, Human

Anne W. W. Nielsen, M.A./M.S.
Biology, Botany, Microbiology

Nathan Nielsen, M.D.
Medicine/Medical Research, Critical Care

Michael Niemiec, B.A./B.S.
Engineering, Electrical / Automotive

Tanya Nieri, Ph.D.
Social Sciences, Health

Michele Nihipali, M.P.H.
Public Health, Education

Pamela Nitsos, M.D.
Medicine/Medical Research, Internal Medicine

Nicholas Noe, Ph.D.
Economics, Urban & Regional Economics

Michael J. Norden, M.A./M.S.
Engineering, Remote Sensing

Richard B. Noto, M.D.
Medicine/Medical Research, Nuclear Medicine

Richard Michael Nunno, M.A./M.S.
Physical Science, Science & Technology Policy

Scientists' Statement on Heavy-Duty and Passenger Vehicle Air Pollution Standards
1030 Endorsers

James M. Olcese, Ph.D.
Biology, Neuroendocrinology

Susan Olive, Ph.D.
Education, Science

Thomas Olmsted, M.A./M.S.
Engineering, Energy

Charles E. Olmsted, Ph.D.
Ecology, Sustainable Existence

Karen O'Neil, M.A./M.S.
Biology, Secondary Education

James M Orr, Ph.D.
Social Sciences, Highway Design, Cultural Anthropology

Joyce H. Ownbey, M.A./M.S.
Biology, Botany

Sarah Pallas, Post doc
Life Science, Developmental Neuroscience, Synaptic Plasticity

Sharon Paltin, M.D.
Medicine/Medical Research, Primary Care/Family Practice

John H. Parker, Ph.D.
Chemistry, Energy Science

Harry A. Parrott, M.A./M.S.
Physical Science, Hydrologist

Adina Parsley, M.D.
Medicine/Medical Research, FP/ER

Michael L. Paterson, M.D.
Medicine/Medical Research, Emergency Medicine

Linda E Paul, Ph.D.
Education, Educational Psychology

Donald Pearson, M.A./M.S.
Chemistry, Gas Kinetics

Ronald Pedersen, B.A./B.S.
Engineering, Civil

Janet Perlman, M.D.
Medicine/Medical Research, Pediatrics

Phyllis Perna, Ph.D.
Social Sciences, Psychology

Elizabeth Petersen, M.A./M.S.
Education, Stem Education

Winfield Peterson, M.A./M.S.
Engineering, Environmental Engineering

Steve Peterson, Post doc
Chemistry, Power Plant Corrosion Issues

John Petro, M.A./M.S.
Engineering, Electro Magnetics

Scientists' Statement on Heavy-Duty and Passenger Vehicle Air Pollution Standards
1030 Endorsers

William Pevec, M.D.
Medicine/Medical Research, Vascular Surgery

Ralph Pifer, Ph.D.
Social Sciences, Clinical/Developmental Psychology

Gary Pischke, M.A./M.S.
Earth Sciences, Natural & Un-Natural Hazards

Christopher Pitt, B.A./B.S.
Engineering, Structural Engineering

Louis Poncz, Ph.D.
Biochemistry

John D. Potter, Ph.D.
Medicine/Medical Research, Epidemiology/Public Health

Diana Praus, M.A./M.S.
Education, English

Theresa Pretlow, Ph.D.
Medicine/Medical Research, Cancer

Lou Priem, M.D.
Medicine/Medical Research, Critical Care

Allan S. Pristoop, M.D.
Medicine/Medical Research, Medicine/Cardiology

Rebecca Procter, Ph.D.
Social Sciences, Archaeology

George V. Profous, M.A./M.S.
Environmental Science, Forestry, Climate, Urban Planning

Herbert Pummer, Dr. P.H.
Physical Science, Lasers, Nonlinear Optics

Patricia Purdy, M.A./M.S.
Biology, Microbiology

Jean Rabovsky, Ph.D.
Environmental/Occupational Health

James Ralston, B.A./B.S.
Engineering,

Carmen Ramirez, M.A./M.S.
Social Sciences, Psychology

Patricia Ramsey, Ph.D.
Philosophy

Dee Randolph, M.A./M.S.
Earth Sciences, Minerals Exploration

Robert Reed, M.A./M.S.
Engineering, Regional & Urban Planning

Randy G. Reims, M.D.
Medicine/Medical Research, Internal Medicine

Leonard Reinhart, B.A./B.S.
Engineering, Computer Systems

Scientists' Statement on Heavy-Duty and Passenger Vehicle Air Pollution Standards
1030 Endorsers

Kenneth Reiszner, Ph.D.
Chemistry, Environmental Analysis

Adam Resnick, M.A./M.S.
Engineering, Electrical Engineering, Feedback Control Systems, Estimation

Daniel Richardson, Ph.D.
Life Science, Physiology

Douglas Rives, M.A./M.S.
Biology, Fisheries & Wildlife Management

Esther Roberts, M.A./M.S.
Public Health, Nursing

Javier Rodriguez, Ph.D.
Biology, Evolution

Tanya L Rogers, Ph.D.
Ecology, Marine Ecology, Fisheries

Ron Rohovit, Other
Education, Science Education

Kenneth Rosenblad, M.A./M.S.
Education, Educational Psychology

Ella Rowan, M.A./M.S.
Environmental Science, Wildlife Management

Jodi Rowe, Dr. P.H.
Social Sciences, Psychology

Miriam Rozian, M.P.H.
Public Health, Industrial Health & Safety

Geoffrey Ruben, M.D.
Medicine/Medical Research, Emergency Medicine, Pediatrics, Toxicology

Stuart Rubinow, Ph.D.
Social Sciences, Psychology

Dan Rudolf, M.A./M.S.
Engineering, Electrical/Computer

Emily Rugel, Post doc
Public Health, Environmental Epidemiology

Bill Russell, Ph.D.
Engineering, Materials Science

Stephen M. Sachs, Ph.D.
Social Sciences, Public Policy

Shaina Sadai, Ph.D.
Earth Sciences, Climate

Daniel Safer, Ph.D.
Biology, Biochemistry

Phyllis Safman, Ph.D.
Education, Adult Development & Learning

Eric Sage, M.A./M.S.
Environmental Science, Infrastructure & Invasive

Scientists' Statement on Heavy-Duty and Passenger Vehicle Air Pollution Standards
1030 Endorsers

Species

Robert Salinger, M.D.
Medicine/Medical Research, Psychiatry

Carlton E. Salvagin, Ph.D.
Engineering, Energy Technologies

Peter A. Sampou, Ph.D.
Environmental Science, Biogeochemistry

Dale Sartor, M.B.A.
Engineering, Mechanical Engineer, Retired,
Lawrence Berkeley National Lab

Tamar Sautter, M.D.
Medicine/Medical Research, Medicine

Barbara Sayres, M.D.
Medicine/Medical Research, Pediatrics

Andrea Schauer, M.D.
Medicine/Medical Research, Family Physician

Roberta Schear, Ph.D.
Medicine/Medical Research, Clinical Psychology

Barbara Scheinman, M.A./M.S.
Social Sciences, Health

John Schenck, M.D.
Medicine/Medical Research, Endocrine

Daniel Scherr, Ph.D.
Social Sciences, Cyber & Homeland Security

Debra Scheuerman, D.V.M.
Medicine/Medical Research, Small Animal- Exotics

Arndt Schimmelmann, Ph.D.
Earth Sciences, Isotopes

Henry Schlenger, Ph.D.
Life Science, Behavior Analysis

Richard S. Schloss, M.D.
Medicine/Medical Research, Psychiatry

Malgorzata Schmidt, Post doc
Medicine/Medical Research, Human Genetics,
Johns Hopkins

Tim Schmitt, M.A./M.S.
Environmental Science, Marine Science

Andreas Schmittner, Ph.D.
Physical Science, Climate Science

Gladys Schmitz, M.A./M.S.
Chemistry, Teaching

Susan M Schneider, Ph.D.
Life Science, Behavioral & Biopsychology

Scientists' Statement on Heavy-Duty and Passenger Vehicle Air Pollution Standards
1030 Endorsers

Spruce Schoenemann, Post doc
Earth Sciences, Climatology

Ilana Schoenfeld, M.A./M.S.
Ecology, Social Ecology

Albert Schroeder, Dr. P.H.
Chemistry, Electrochemistry

Richard Schulte, Ph.D.
Social Sciences, Psychology

Peter F. Schultz, Ph.D.
Physical Science, Particle Accelerators, Ion Sources; Telecom

Laura M. Schulz, Ph.D.
Social Sciences, Mental Health Counseling

Tom Schuppe, Ph.D.
Engineering, Operations Research

Nancy Schwartz, Ph.D.
Social Sciences, Psychology

Marlene Schwarz, Ph.D.
Engineering, Polymer

Raiyan Seede, Ph.D.
Engineering, Materials Science & Engineering

Oliver Seely, Ph.D.
Chemistry, X-Ray Crystallography

Isabel M. Sena, Ph.D.
Spanish/Literature

Erik Shank, B.A./B.S.
Engineering, Retired.

Judith Shapiro, Ph.D.
Social Sciences, Cultural Anthropology

Patricia Sheller, B.A./B.S.
Engineering, Environmental Engineering

Derek Shendell, Other
Environmental Science, Air Quality & Environmental Quality & Public Health & Safety

Rebecca Sherry, Ph.D.
Biology, Ecosystem Ecology & Climate Change

Jeffrey Shires, B.A./B.S.
Engineering, Electrical

Joel D. Shore, Post doc
Physical Science, Computational Physics

Richard Siegel, M.A./M.S.
Engineering, Mechanical Engineering, Locomotive Design/Servicing

Bruce H. Sielaff, Ph.D.
Medicine/Medical Research, Health Informatics

Selena Sifontes, M.P.H.
Education, Health Promotion & Disease Prevention

Scientists' Statement on Heavy-Duty and Passenger Vehicle Air Pollution Standards
1030 Endorsers

Carl Sigel, Dr. P.H.
Chemistry, Research Science

Linda G. Silversmith, Ph.D.
Biology, Biochemistry

Jeffrey Simms, M.A./M.S.
Biology, Endangered Aquatic Species Management

Steve Simon, Ph.D.
Chemistry, Analytical/ Physical

Randolph C Skrovan, M.A./M.S.
Biology, Marine Science

Jonathan Slaughter, M.D.
Medicine/Medical Research, Epidemiology,
Neonatology

John E. Smedley, Ph.D.
Physical Science, Amo Physics

Barbara Smith, Ph.D.
Education, Reading

Copley H. Smoak, M.A./M.S.
Biology, Fish

Steven D. D. Solomon, Ph.D.
Social Sciences, Clinical Psychology

Robert J. Soreng, Dr. P.H.
Earth Sciences, World Vegetation

Marsha Sousa, Ph.D.
Biology, Reproductive Physiology

Barbara Southard, M.A./M.S.
Public Health, Community Health, Nursing

Lawrence Staunton, Ph.D.
Physical Science, Theoretical Physics

Ninian Stein, Ph.D.
Social Sciences, Environmental Studies,
Anthropology, & Archaeology

Richard Stein, Ph.D.
Medicine/Medical Research, Neuroscience

Elizabeth Steinberger, Ph.D. candidate
Public Health, Health Education Over The Internet

Palmer Steward, Ph.D.
Engineering, Medical Physics

John Stewart, Ph.D.
Social Sciences, Environmental Justice

Sarah B. Stewart, Ph.D.
Social Sciences, Clinical Psychologist

Glenn R. Stewart, Ph.D.
Biology, Herpetology, Mammalogy

monique stins, Ph.D.
Biology, Blood Brain Barrier & Teaching Biology

Scientists' Statement on Heavy-Duty and Passenger Vehicle Air Pollution Standards
1030 Endorsers

Jeffrey Story, M.A./M.S.
Earth Sciences, Hydrogeology

Peter Syre, Ph.D.
Social Sciences, Psychology

Kenneth H. Talan, M.D.
Medicine/Medical Research, Child Psychiatry

Ray C. Telfair II, Ph.D.
Biology, Wildlife & Fisheries Science

Susan Terris, Ph.D.
Biology, Biochemistry, MD

Tim Thilman, B.A./B.S.
Engineering, Process Improvement

Beatrice Ting, M.D.
Medicine/Medical Research, Developmental Behavioral Pediatrics

Ivar Tombach, Ph.D.
Engineering, Air Pollution

Matthew Totaro, M.A./M.S.
Education, Science Education

Mario Troiani, M.A./M.S.
Engineering, Testing, Reliable Computers

Michael V Tullius, Ph.D.
Life Science, Molecular Biology & Microbiology

Dennis P. Sweeney, M.D.
Medicine/Medical Research, Gastroenterology

Tristan Taber, M.A./M.S. candidate
Ecology, Aquatic Systems

Joanna Tang, Ph.D. candidate
Ecology, Restoration Ecology

Joe Tellez, M.A./M.S.
Earth Sciences, Geology

Steven Thai, Other
Medicine/Medical Research, Pharmacist

Katherine Tildes, M.A./M.S.
Medicine/Medical Research, Nurse Practitioner

Margot H. Tollefson Conard, Ph.D.
Statistics

John Tooker, M.D.
Medicine/Medical Research, Pulmonary

Laurie Towne, M.D.
Medicine/Medical Research, Medicine

Pearl Tsang, Ph.D.
Chemistry, Biophysical

Audrey Urbano, M.D.
Medicine/Medical Research, Emergency Medicine

Scientists' Statement on Heavy-Duty and Passenger Vehicle Air Pollution Standards
1030 Endorsers

Trisha Vaidyanathan, Ph.D.
Medicine/Medical Research, Neuroscience

John E. Van Gilder, M.D.
Medicine/Medical Research, Cardiology

Elisabeth Julie Vargo, Post doc
Public Health, Psychology

William M. Vaughan, Ph.D.
Biology, Indoor Air Quality

Marc P. Vayssieres, Ph.D.
Ecology, Agro-Ecology

Thomas Veblen, Ph.D.
Environmental Science, Climate Change Impacts
On Forests

Yaamini Venkataraman, Post doc
Biology, Marine Biology

Charmaine Venters, M.D.
Medicine/Medical Research, Pediatrics

John C. Vickery, M.A./M.S.
Ecology, Conservation

Nichole Vivion, M.P.H.
Public Health, Health Education

Ruchir Vora, B.A./B.S.
Engineering, Environmental

Christine Voss, Ph.D.
Ecology, Coastal Ecology

Jessica L. Walcott, Ph.D.
Life Science, Neuroscience

Jessica Walker, Ph.D.
Social Sciences, Anthropology, Anatomy,
Physiology

Jenny G. Walker, M.D.
Medicine/Medical Research, Family Medicine

Edward Z Z. Walworth, M.D.
Medicine/Medical Research, Surgery

Deborah Wardly, M.D.
Medicine/Medical Research, Pediatrics

Zoe Warner, Ph.D.
Ecology, Environmental Planning

Alicie Warren, Ph.D.
Biology, Conservation Biology

Kathleen M. Washienko, M.P.H.
Public Health, Health Behavior & Research
Methods

Karen Waters, M.A./M.S.
Library Science

Paul Joseph Watson, Ph.D.
Ecology, Behavioral Ecology

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Earth Sciences, Physical Oceanography

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Social Sciences, Social Work

Dennis Weeter, Ph.D.
Engineering, Hazardous Waste Management;
Waste Minimization; Wastewater Treatment

Casey Weiner, M.A./M.S.
Mathematical Neuroscience

Ira Weissman, M.D.
Medicine/Medical Research, Pediatrics

Laura Welch, M.D.
Public Health, Occupational Medicine

Alexandra Welsko, J.D.
Environmental Science, Environmental

Christopheri Wenzel, Ph.D. candidate
Ecology, Soil Microbial Ecology

John Weston, M.A./M.S.
Management

John Wheeler, B.A./B.S.
Engineering, Network & Electrical Engineer

Patricia Whelehan, Ph.D.
Social Sciences, Medical Anthropology, Women's
Health & Sexuality, Hiv/Aids

Mickey White, M.A./M.S.
Environmental Science, Hydrology

Thomas Whitlow, Ph.D.
Ecology, Interaction Of Pm2.5 & Urban Tree
Canopies

Lynn Wilbur, Ph.D.
Environmental Science, Marine Community
Ecology

William E. Williams, Ph.D.
Ecology, Plant Physiological Ecology

Lauren Williamson, M.A./M.S.
Earth Sciences, Geology

Greg Wilson, M.A./M.S.
Physical Science, Physics

Wayne Wilson, Ph.D.
Mathematics, Software Engineering

William Ryan Wishart, Ph.D.
Social Sciences, Environmental Sociology

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Life Science, Wildlife Science

Philip A. Wood, D.V.M.

Medicine/Medical Research, Internal Medicine

Elisha Wood-Charlson, Ph.D.

Biology, Microbes

Victoria Wu, Ph.D.

Social Sciences, Clinical Psychology

Fred S. Wuertele, M.B.A.

Engineering, Electronic Engineering

Peter C. Yeager, Ph.D.

Social Sciences, Environmental Law

David Yelton, Ph.D.

Medicine/Medical Research, Microbiology

Michael Yester, Ph.D.

Physical Science, Medical Physics

Yonit Yogev, M.A./M.S.

Environmental Science, Equitable Access To
Outdoor Spaces

John Young, Ph.D.

Social Sciences, Applied Anthropology

Sam Zappala, M.A./M.S. candidate

Engineering, Math

Leslie Zebrowitz, Ph.D.

Social Sciences, Social Psychology