

From: **James E. Enstrom** <jenstrom@ucla.edu>
Date: Tue, Apr 19, 2022 at 11:00 AM
Subject: Does PM2.5 Cause Premature Deaths in the US?
To: Dave Eaton <toxdok@gmail.com>
Cc: David L. Eaton <deaton@uw.edu>

April 19, 2022

Dave Eaton <toxdok@gmail.com>

Re: Does PM2.5 Cause Premature Deaths in the US?

Dear Dave,

I am very impressed with your many important positions at the University of Washington (<https://deohs.washington.edu/faculty/david-l-eaton>), as well as your National Academy of Medicine Membership (https://nam.edu/member/?member_id=mlagIpe%2B7ZOTbdTGYOCzVA%3D%3D), and your recent service as HEI Research Committee Chair (https://www.healtheffects.org/sites/default/files/Eaton-Merchant_0.pdf). Also, I see that you contributed to the 2012 NRC Book “*Science for Environmental Protection: The Road Ahead*” (<https://doi.org/10.17226/13510>). Because of your highly relevant background, I request that you ask Dr. Lianne Sheppard, UW DEOHS Professor (<https://deohs.washington.edu/faculty/lianne-sheppard>) and current EPA CASAC Chair (<https://www.epa.gov/newsreleases/epa-announces-selections-charter-members-clean-air-scientific-advisory-committee>), to engage in a debate with me on the timely EPA-related topic “Does PM2.5 Cause Premature Deaths in the US?” The debate could be guided by the 2012 NRC Book section on “INTEGRITY, ETHICS, AND TRANSPARENCY IN THE US ENVIRONMENTAL PROTECTION AGENCY’S PRODUCTION AND USE OF SCIENTIFIC INFORMATION.” I would like you to moderate the debate, which could be conducted by via Zoom as soon as mutually convenient. I know a prominent organization that could sponsor the debate.

Please respond to my April 13 email message and to this request for a debate as soon as you can.

Thank you very much for your consideration.

Sincerely yours,

Jim

Slightly Edited Earlier Emails:

From: **James E. Enstrom** <jenstrom@ucla.edu>
Date: Wed, Apr 13, 2022 at 3:00 PM
Subject: Does PM2.5 Cause Premature Deaths in the US?
To: Dave Eaton <toxdok@gmail.com>
Cc: Dan, Fred, David

April 13, 2022

Dave Eaton <toxdok@gmail.com>

Re: Does PM2.5 Cause Premature Deaths in the US?

Dear Dave,

Sometimes life is stranger than fiction, especially during the past two years. Dan's April 12 email below just reminded me that we have a remote connection because of your recent service as Chair of the HEI Research Committee. Our connection involves the 30-year epi-tox controversy surrounding the claim that PM2.5 causes premature deaths in the US. Please read (or reread) my May 19, 2017 email to HEI Chair Celeste (with cc to you) regarding my 2017 *Dose-Response* article presenting strong evidence of NO PM2.5 deaths (<http://www.scientificintegrityinstitute.org/Celeste051917.pdf>). Also, please watch my 33-minute July 20, 2019 DDP Talk in Tucson, AZ "The PM2.5 Deaths Controversy: Combating Pseudoscientists" (<https://youtu.be/8j3a4MBUU40>). Finally, please read my December 10, 2021 Comments to the EPA CASAC PM Panel regarding the 2021 PM ISA Supplement and 2021 PM PA (<http://www.scientificintegrityinstitute.org/PMPanel121021.pdf>). Please take a couple hours to examine these three links carefully and then let me know your assessment of the claim that PM2.5 causes premature deaths in the US. Believe or not, your response has **profound** implications for the integrity of science and regulatory policy in the US at a time when the world is on the verge of World War III.

Also, I plead with Fred and David to carefully examine these same three links and let me know their assessment of the claim that PM2.5 causes premature deaths in the US. I already know Dan's assessment.

Thank you very much for your consideration of this important request.

Sincerely yours,

Jim
James E. Enstrom, PhD, MPH, FFACE
Retired UCLA Research Professor (Epidemiology)
President, Scientific Integrity Institute
<http://www.scientificintegrityinstitute.org/>
jenstrom@ucla.edu
(310) 472-4274

----- Forwarded message -----

From: **Dan**

Date: Tue, Apr 12, 2022 at 4:13 PM

Subject: Possible association between glyphosate exposure and autism spectrum disorder (ASD)

To:

****[Read emails from oldest to newest]****

From: Dave Eaton <toxdok@gmail.com>

Sent: Saturday, April 9, 2022 7:17 PM

Dan

Let me add to the firestorm...As a proud member of the **National Academy of Schmoozers**, I could not agree more with Fred. I'm continually dismayed by the number of so-called toxicology studies that draw 'disconcerting' conclusions for human health — based on in vitro (and sometimes in vivo) studies that use doses/concentrations that are **1,000 times to, sometimes, 10s-of-thousands of times, higher** than could ever conceivably be achieved from 'environmental' exposures.

Imagine if drug safety assessment were based on observed effects on in vitro studies that required doses thousands of times higher than physiological-based pharmacokinetic modeling and simulation (PBPK) therapeutic concentrations. We would have no new drugs....**the**

Glyphosate 'controversy' is just the tip of this toxicology iceberg....

Dave

David L. Eaton, PhD, now residing in Tucson

Previous Dean and Vice Provost, University of Washington (UW) Graduate School

Professor Emeritus of Toxicology

Department of Environmental and Occupational Health Sciences

UW's School of Public Health and Community Medicine

Infamous left-handed golfer, with single-digit handicap (if you only count the first 3 holes)

Often a golfing partner of Dan