## Recent PM2.5 Activities Documenting NO Relationship Between PM2.5 and Total Mortality in US

PM2.5 Working Group Meeting at Heritage Foundation, Washington, DC

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May 30, 2018 Enstrom Comments to May 31, 2018 EPA SAB Meeting re May 29, 2018 Enstrom D-R Response to December 13, 2017 Pope-ACS D-R Criticism of March 28, 2017 Enstrom D-R Reanalysis of ACS CPS II, which identified errors in Pope 1995, HEI 2000, HEI 2009 <a href="https://yosemite.epa.gov/sab/sabproduct.nsf/D41456F6889F91658525829D004DBD73/\$File/88483770.pdf">https://yosemite.epa.gov/sab/sabproduct.nsf/D41456F6889F91658525829D004DBD73/\$File/88483770.pdf</a>

August 14, 2018 Enstrom Comments on EPA Transparency Rule (above three D-R articles & Spring 2018 JAPS article) EPA Docket Link: <a href="https://www.regulations.gov/document?D=EPA-HQ-OA-2018-0259-8290">https://www.regulations.gov/document?D=EPA-HQ-OA-2018-0259-8290</a>

August 16, 2018 Enstrom EPA Comments on EPA Transparency Rule (US and CA Meta-Analyses of PM2.5 deaths) EPA Docket Link: <a href="https://www.regulations.gov/document?D=EPA-HQ-OA-2018-0259-6945">https://www.regulations.gov/document?D=EPA-HQ-OA-2018-0259-6945</a>

August 24, 2018 "NO response" to August 17, 2018 Enstrom letter to CVS Chief Medical Officer Troy Brennan challenging CVS Health corporate partnership with ACS and support of ACS research, which ranks EPA PM2.5 NAAQS as second among "Our Proudest Achievements" in ACS epidemiology

September 14, 2018 NEJM Rejection of September 11, 2018 Presubmission Inquiry re Enstrom NEJM Prospective: 1) challenging validity of August 29, 2018 Joel Schwartz NEJM Perspective "'Transparency' as Mask?" DOI: 10.1056/NEJMp1807751, 2) supporting EPA Transparency Rule based on my ACS CPS II Reanalysis, and 3) providing link to fully deidentified H6CS person-year data for Lepeule 2012.

September 14, 2018 73-page Enstrom Comment to SJVAPCD and CARB on misrepresentations in 2018 Draft Plan for PM2.5 and strong case for no further PM2.5 regulations in San Joaquin Valley <a href="https://www.arb.ca.gov/lispub/comm/bccommlog.php?listname=sjvsipsupplement">https://www.arb.ca.gov/lispub/comm/bccommlog.php?listname=sjvsipsupplement</a>

September 27, 2018 Enstrom Email to Fresno Bee Editor challenging objectivity and accuracy of their articles on 2018 Draft Plan for PM2.5 and testimony at September 24, 2018 EPA Hearing in Fresno → potential FB article focused on Enstrom SJVAPCD comment and September 21, 2018 Milloy OpEd

September 28, 2018 Intrepid Insight "Statistical Review of Competing Findings in Fine Particulate Matter and Total Mortality Studies" by brilliant UCLA PhD economics graduate student (<a href="https://www.intrepidinsight.com/pm25">https://www.intrepidinsight.com/pm25</a> statreview/). Random effects model meta-analyses of nine US cohorts and six California cohorts show PM2.5 relationship to total mortality is consistent with relative risk of 1.00 in both US and California if proper study results are used in meta-analyses.

**Action Item:** PM2.5 Working Group needs to write letter to Pope and ACS challenging them to defend or retract their claim that there are PM2.5-related premature deaths in the US based on CPS II data.