



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

JAN 02 2018

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Dr. Linda P. Fried, Dean
Mailman School of Public Health
Columbia University

Re: Columbia Center for Children's Environmental Health Epidemiology Study Data

Dear Dean Fried;

Thank you for your assistance in connecting staff in the Office of Pesticide Programs (OPP) with the head of the Center's data management core last year. I understand that at that time, staff discussed EPA's request for the original ("raw") data supporting the CCCEH epidemiology study and welcomed the submission of any raw data sets CCCEH was prepared to provide to EPA. We acknowledge your concerns regarding the release of Personally Identifiable Information and request your consideration in providing a de-identified dataset.

The EPA team is still interested in reviewing the data and has been further exploring ways the data could be integrated into the EPA's assessment in an open and transparent manner. In an effort to address the well-documented concerns on the reliance of this study in OPP's human health risk assessment for chlorpyrifos, EPA is particularly interested in additional analyses of the available epidemiological studies using the actual data, including examining the association of the log transformation for chlorpyrifos with WISC-IV scores. The EPA is also interested in understanding if the study participants were made aware of the exposure or outcome results during the study and what additional information may be available on study participants who were lost to follow-up. Additionally, we are requesting a copy of the study protocol and any amendments, statistical analysis plan, and copies of the questionnaires or interview questions used in the study. These documents will provide necessary information regarding data collection and analysis, which will help inform our assessment.

My staff will be reaching out to the Center as soon as possible to determine an appropriate time for a call to further discuss this request. Please let me know if you have any questions. I can be reached at keigwin.richard@epa.gov or at 703-305-7090.

Sincerely,

A handwritten signature in black ink that reads "Richard P. Keigwin, Jr." with a stylized flourish at the end.

Richard P. Keigwin, Jr., Director
Office of Pesticide Programs

cc: Dana Friedman, EPA Office of Pesticides
Frederica Perera, CCCEH