

Analyses of Acute Pesticide Exposure Data Needed (Paid Temporary Position)

Overview of “Analysis of PEST Cases 2008-2011”

Informed decisions about pesticide use and policy are only possible if residents, policy makers, advocates, and state agencies have a basic understanding of the nature and magnitude of acute pesticide exposures in the state of Oregon. The PEST Program analyzed acute pesticide exposures reportedly taking place in Oregon from 2002-2007. The analysis proposed here adds four more years of reported cases, and will assess trends previously examined in the 2002-2007 analysis. It will incorporate new queries, as appropriate.

An overarching goal is a better understanding of acute pesticide exposure trends in Oregon over a ten-year period.

Goal: To provide an analysis, mostly descriptive, of the surveillance data gathered by the PEST program from 2008 to 2011.

Scope of Work: The analysis will examine frequencies and trends associated with acute pesticide exposures reportedly occurring in Oregon from 1/1/08 to 12/31/11. [Due to the seasonality of acute pesticide exposure, very few cases are expected in December, and can easily be incorporated if they occur.] The analysis will be in the same format and query structure of the analysis that resulted in [Descriptive Analysis of PEST Cases, 2002-2007](#), although some new queries will be added.

Project Requirements:

A successful candidate will be able demonstrate strong past success (class work-related, voluntary, or paid) with descriptive statistics, and be able to give references to support that work. Demonstrated success with SPSS or SAS (SPSS is preferred) is required. Past experience with inferential statistics would be a plus. Knowledge of pesticide toxicology or acute pesticide exposure is not needed.

Because the data set contains medical information with identifiers, the analytical work will need to be done in the Office of Environmental Public Health, Oregon Public Health Division, at the Portland State Office Building (Ste. 640, 800 NE Oregon St, Portland, OR 97232). A computer with SAS or SPSS will be provided. A successful background check of the candidate, required of all state employees, is needed.

Project Timeline:

Data will be ready to be analyzed in early December 2011. Gaining familiarity with dataset and assisting with the analysis plan may December 1st. Paid hours for work on this project must occur before January 31, 2012, though uncompensated work on the resulting analysis, including journal manuscripts, is possible afterwards.

The hourly wage for this position is \$20.46/hour. If interested or if you have questions, please contact Justin Waltz, PEST Program Coordinator, at 971-673-1217 or justin.waltz@state.or.us.