Firefighter Occupational Exposures (FOX) Project

The Firefighter Occupational Exposures (FOX) Project is a study of environmental chemical exposures in firefighters. This study was conducted in partnership with the University of California Irvine's Center for Occupational and Environmental Health (UCI COEH) and a Southern California fire department. UCI COEH provides study updates to the fire department on a quarterly basis. Firefighters were chosen because they are likely to be exposed to many toxic chemicals in the performance of their duties. Questionnaire information and blood and urine samples were collected in 2010-2011 from 101 firefighters in Southern California.

Audio Slide Show on FOX Benzophenone-3 Findings (Waldman et al., 2016)

Project Publications

Waldman et al. (2016)


Highlights of this study are available in a 4 minute audio slide show.

Dobraca et al. (2015)


Park et al. (2015)


Project Type

Full project collaboration

Project Status

Ongoing

Participants

101 Firefighters

Sample Collection Area

Southern California

Chemicals Being Biomonitored

[Environmental Phenols] [Triclosan] [Bisphenol A (BPA)] [Parabens] [Brominated and Chlorinated Flame Retardants] [Polybrominated Diphenyl Ethers (PBDEs)] [Other BFRs & CFRs]

[Metals] [Cadmium] [Lead] [Manganese] [Mercury] [Pesticides] [Phthalates]

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