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Hello,

Last year, we initiated our Wildfire Indoor/Outdoor Air Quality study. We are excited to continue studying the effects of wildfires on indoor and outdoor air quality. We are hoping to resample again this summer, in the event of new wildfires in the Pacific Northwest. We are currently tracking wildfire updates using this website from The National Wildfire Coordinating Group: <https://inciweb.nwcg.gov>. The website provides information on the type of fire, its size, how much is contained and when it was last updated. The website can also be used as an App for phones.

Dr. Anderson and her research team are interested in better understanding the influence of wildfires on indoor and outdoor air quality, as well as the movement of wildfire chemicals. In 2017, wildfires resulted in over **one million** acres burned in the Pacific Northwest, but there is very little research that looks at the impacts of these events on human health. We designed a study using our passive sampling technology that would encompass four western states: Washington, Idaho, Oregon and California.

With the help of interested community members, we were able to collect 33 samples from 13 different locations last summer. The Food Safety and Environmental Stewardship laboratory staff then processed those samples and determined the concentration of 63 different polycyclic aromatic hydrocarbons (PAHs) in air. We noticed some important trends. For example, we saw higher PAH concentrations indoors compared to outdoors. However, we saw a larger variety of PAHs outdoors.

We'd also like to hear from you! If you hear of any wildfires in your area, please do not hesitate to contact **Dr. Diana Rohlman**.

Thank you to the group of community members for your participation,

A handwritten signature in blue ink that reads 'Kim Anderson'.

Kim Anderson
Professor,
Environmental and Molecular Toxicology Department
Director,
Food Safety and Environmental Stewardship Program

A handwritten signature in black ink that reads 'Diana Rohlman'.

Diana Rohlman
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