

SRP-Funded Research Improves Public Health

The National Institute of Environmental Health Sciences Superfund Research Program (SRP) protects people's health by reducing exposure to harmful things in our environment, improving our understanding of how such exposures affect health, and providing sound science to inform communities and decision-makers.

Research and technology highlights from SRP-funded academic institutions and small businesses across the U.S. include:

WHAT CHEMICALS ARE YOU EXPOSED TO?

Wristbands made of silicone help scientists easily measure a person's exposure to low levels of hundreds of chemicals. The wristbands provide a wealth of information on daily exposures without collecting blood or other biological samples.



KNOWLEDGE IS POWER:

An interactive online dashboard simplifies complex exposure data. The dashboard shows people what chemicals they are exposed to in their daily lives, the sources of those exposures, any potential health effects, and how to reduce exposures.



REDUCING TOXIC CHEMICALS IN WATER:

Carbon pellets combined with specialized microbes can clean up water at contaminated sites. The new water treatment captures polychlorinated biphenyls, known as PCBs, and then destroys them, removing their harmful effects.



ELIMINATING HARMFUL CHEMICALS FROM YOUR BODY:

Specialized clays bind to hazardous chemicals in the body, reducing their ability to do harm. When consumed as a supplement, the clays can protect health following natural disasters, chemical spills, and other emergencies.



REMOVING PFAS FROM YOUR DRINKING WATER:

A new sustainable technology puts PFAS-free water in reach. From household pitchers to citywide water treatment, specialized filters use molecules from corn starch to trap PFAS.



EATING HEALTHY MAY PROTECT YOU:

Scientists discovered that healthy fats, fiber, and antioxidants can reduce the harmful effects of hazardous chemicals in our bodies.



To learn more about these and other projects, visit the SRP Public Health Impacts page using the following link or QR Code:

<https://www.niehs.nih.gov/research/supported/centers/srp/phi>



To learn more about the Superfund Research Program, visit the SRP website:

<https://www.niehs.nih.gov/srp>

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