



Four Corners States Biomonitoring Consortium

Are you looking for a practicum opportunity, capstone or EDGE project?

We are looking for partners to help us fulfill the goals of a biomonitoring study.

What is Biomonitoring?

Biomonitoring is the assessment of human exposure to environmental chemicals by measuring chemicals and their metabolites found in the body.

Urine samples are collected from each person for a specific chemical of concern including heavy metals, phthalates, 2,4-D, p-DCP and pyrethroids.

Anonymous data is used to make decisions on both the local and state level to improve health communities.



Why is this important?

Utah has a long history of mining and agriculture, increasing the likelihood of metals and other chemical exposures of our residents.

Metals and other chemical exposure in humans can lead to serious health issues.

This study will help us better understand what chemicals we are being exposed to in rural communities across Utah.



How can I get involved?

Potential opportunities for students include:

- Outreach and education
Create and present information about chemical exposure in locations of interest
- Participant recruitment
Identify and create a sample cohort
Organize and execute sample collection for biomonitoring analysis



Interested in participating?

Contact Carrie Butler at 801-347-6739
or cbutler@utah.gov