

# CAP Agenda

Monday, May 12, 2025

- **Introductions**
- **Update (25 minutes)**
- **Questions (30 minutes)**

**Individual questions:**

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# CO SCOPE

## Colorado Study on Community Outcomes from PFAS Exposure

[co-scope.org](https://co-scope.org)

The CO SCOPE Team  
May 12, 2025



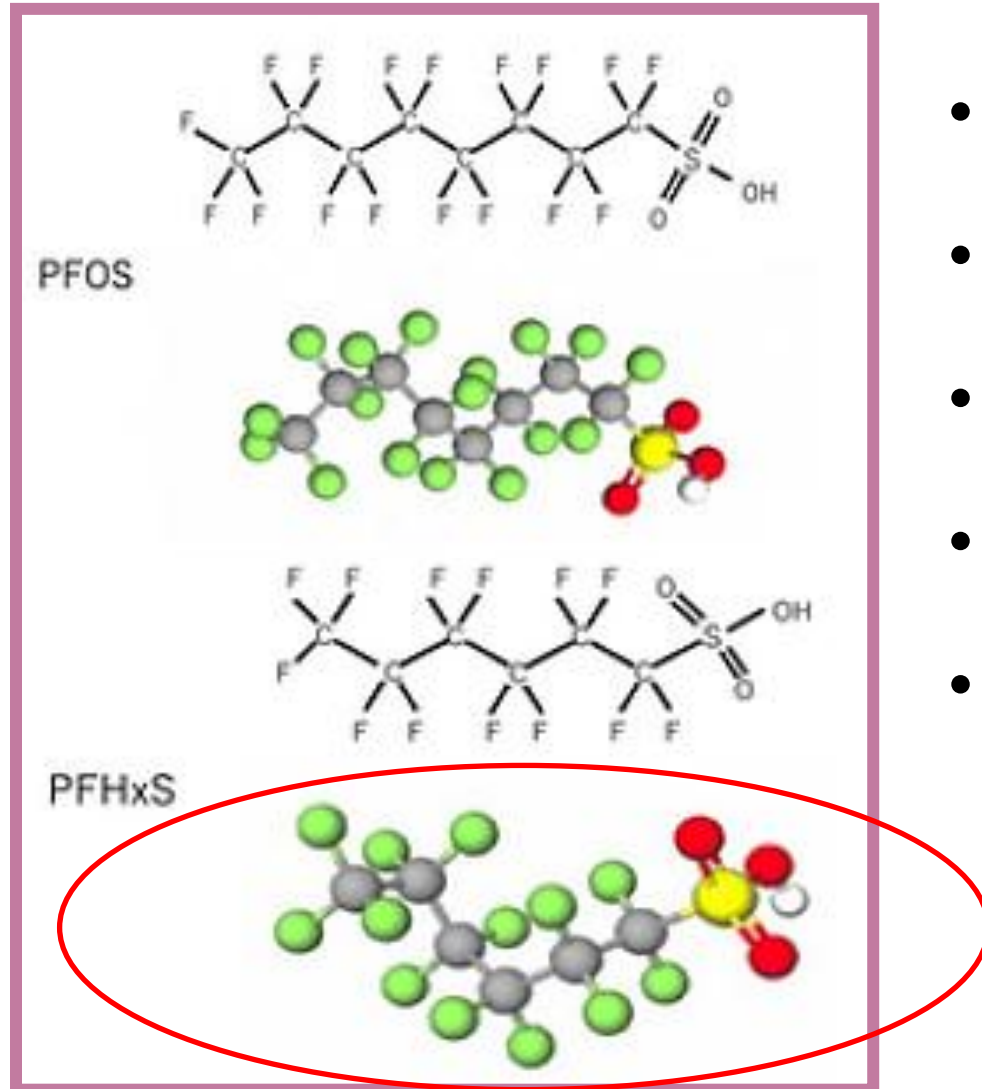
# Roadmap

- Why we are doing the study
- National work
- Colorado specific work
- What's next?
- Q and A

# Why are we doing this?

- To better understand health related outcomes from PFAS

# Common PFAS we are studying



- PFOA – cookware, fast food packaging
- PFOS – Fish, water repellent for clothing
- PFHxS – Firefighting foams
- PFNA – Fast food packaging
- **New:** FASAs (further explanation below)

# Multi-Site Study and COSCOPE Participants

- The MSS consists of eight sites using the same questionnaires and bio-samples
- This helps by having a larger number of people to look at health outcomes
- MSS recruited a total of 6536 participants
- Colorado recruited over 1000 participants

# Overview: MSS Progress and Update

- Sept 2023: Last MSS participant was seen.
  - Sept 2025: Expected current funding will end
  - Oct 2025 - Future: Continued work with MSS research
  - Early 2026: Community meeting on published MSS research on PFAS and health outcomes.
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- There is continued interest in PFAS.
  - Data you have given us will be used for PFAS research for many years to come.

# What are we doing nationally?

- The MSS team is currently working on health outcomes papers on:
  - Diabetes
  - High cholesterol
  - Heart disease
  - Hypertension
  - Metabolic syndrome
  - Neurobehavioral outcomes in kids
  - Obesity
  - Pregnancy complications
  - Thyroid disease

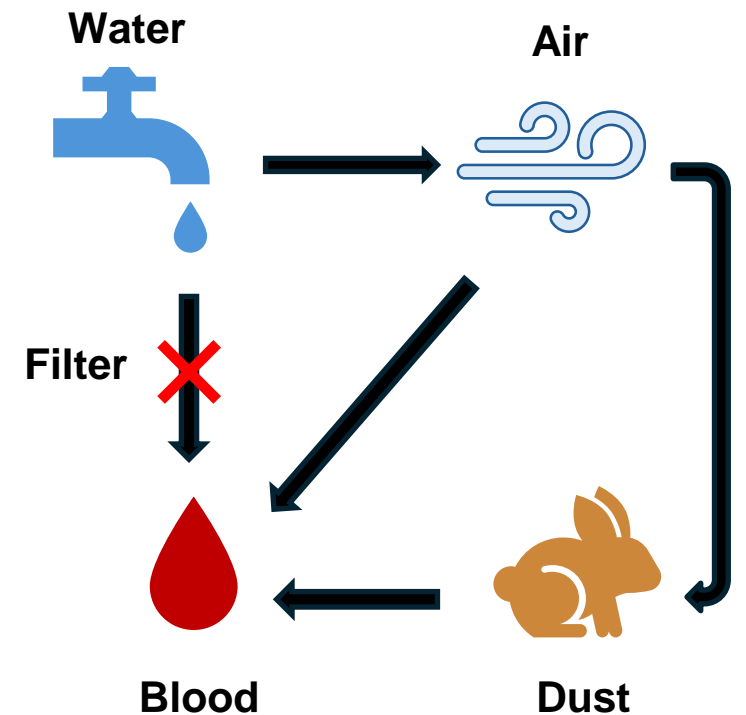


# What are we doing in Colorado?

- The CO SCOPE team is currently working on:
  - Does PFAS affect COVID antibody levels in blood?
  - Does PFAS affect biomarkers of testicular cancer risk?
  - Is PFAS in indoor air and dust?
    - We have some preliminary results to tell you about for this topic

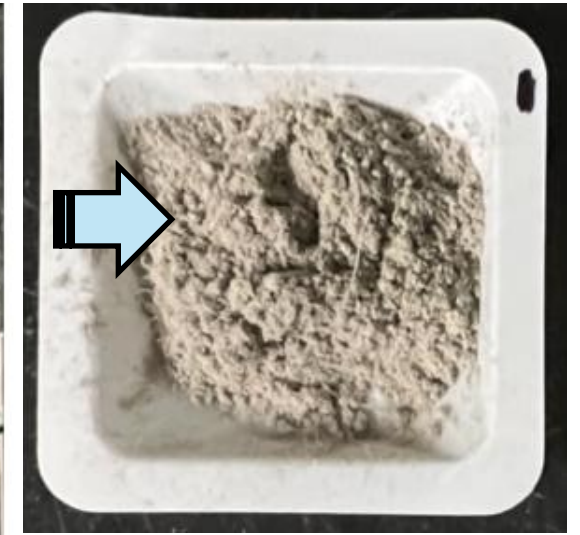
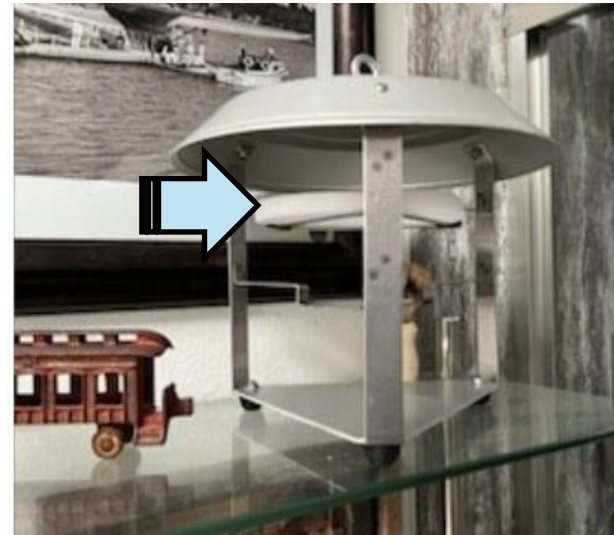
# Why are we doing the PFAS indoor air study?

- There are some **less studied PFAS** (sulfonamides or **FASAs**) that can go into the air and change into one of the PFAS we commonly measure
- FASAs may be released from water used for showers or washing, so we asked:
  - **Do FASAs (or their break down products) end up in household air, dust, or resident blood?**



# What we did in the indoor air study

- We collected samples of water, indoor air, and dust
- We measured PFAS (including FASAs) in water, indoor air, and dust



Test water

# What we found from the indoor air study

- PFASs and FASAs were detected in water, blood, air, and dust
- New and less invasive method of blood collection for PFAS testing was successfully used.
- Currently there is limited data to compare these results to as this is one of the first studies on indoor FASAs

# What we found from the indoor air study

- Blood
  - PFHxS, PFOA, and PFOS were detected in blood samples
  - Participants who had FASAs detected in their blood tended to be on well water
- Water
  - FASAs were seen in well water households
  - Municipal water FASA concentrations were mostly non detect and 2 were barely above detection
  - Municipal water meets EPA's health-based standards
- House Dust
  - Median PFAS levels were somewhat higher in private well water homes than in homes on municipal water
  - Multiple sources of PFAS in consumer products (e.g., carpet) complicate interpretation of these findings
- Indoor Air
  - Most PFAS were not detectable in indoor air

# What we know so far from the indoor air study

- This is a small study, but the results are not unexpected
- Consumer products, like new carpet, likely influence PFAS levels in air and dust.
- We are developing a manuscript and will record a presentation on this issue once the manuscript is in review.
- Results letters are going out to participants by the end of May

# What's next?

- Online community meeting in 2026 to summarize published results to date on PFAS and health outcomes
- We plan to provide written summaries after that as well once substantive findings are published.





# Thank you for listening!

**Questions? Contact us at:**

coscope@cuanschutz.edu

**More about CO SCOPE:**

CO-SCOPE.org

PFAS-FVC.org

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