

SUMMARY

My goal is to make our communities and environments more sustainable by studying our ecosystem and implementing sustainable management practices. I want to do research that will contribute to improving our understanding of our natural world and helping Colorado ecosystems health in a changing climate.

SKILLS

- Sample preparation and analysis
- Team collaboration
- Laboratory chemical analysis
- Field work experience
- Attentive to detail
- Good work ethic
- R programming experience
- Reliable & trustworthy

EXPERIENCE

WILDFIRE EFFECTS & WATERSHED TECHNICIAN | 05/2023 to 06/2024
ROSSyndicate - Fort Collins, CO

Samuel Struthers samuel.struthers@colostate.edu

Katie Willi kathryn.willi@colostate.edu

- Installation, operation, and maintenance of instream sensors and dataloggers
- Calibration of water quality sensors
- Collection and preparation of water samples
- Measuring streamflow using various methods
- Collecting samples and measurements relating to effects of wildfire and prescribed burn treatments throughout watersheds

LAB TECHNICIAN | 09/2022 to 05/2023

Loch Vale Watershed Long-term Monitoring Program - Fort Collins, Colorado

Jill Baron jill.baron@colostate.edu

Tim Weinmann Timothy.weinmann@state.co.us

- Prepared bottle sets for field work
- Cleaned bottle sets & other lab duties
- Weekly field work in RMNP at Loch Vale to collect water samples and maintain weather station
- Water sample analysis

EDUCATION AND
TRAINING

Colorado State University - Fort Collins, CO
Bachelor of Science

Ecosystem Science & Sustainability

- Minor in Sustainable Water

LANGUAGES

English:

Native/ Bilingual

Spanish:

Limited

Dutch:

Native/ Bilingual