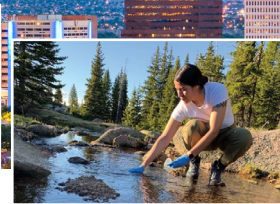# Superfund Research Program Annual Meeting – Trainee Session

All times Mountain Standard Time

The Trainee Session will take place in the Alvarado Ballroom.

Monday, December 4, 2023

9:00 – 9:45 a.m.   **Opening Session: Collaboration With Integrity** – Alvarado Ballroom
Kirena Tsosie, University of New Mexico (moderator)

Opening Remarks — **Wilfred Herrera**, Pueblo of Laguna

Indigenous Ways of Knowing — **David Begay** (Diné) and **Nancy Maryboy** (Diné/Cherokee), University of New Mexico

Tribal Data Sovereignty — **Guthrie Ducheneaux** (Cheyenne River Sioux), Columbia University

9:45 – 10:00 a.m.   **Break**

10:00 – 11:00 a.m.   **Session One: Indigenous Environmental Justice Research and Trainee Experiences Surrounding Uranium Mining Impacts**
Moderator: Thomas De Pree, University of New Mexico

Teracita Keyanna (Diné), Red Water Pond Road Community, Coyote Canyon Chapter, Navajo Nation

Lincoln Encino (Laguna), Paguate Community Member

Mae Franklin (Diné), Cameron Farm Enterprise

10:20 – 10:40 a.m.   **Breakout Discussions**
Kim Fortun, University of California, Irvine (moderator)

10:40 – 11:00 a.m.   **Report Backs**
Adreanna Roros and **Paige Haley**, University of New Mexico (moderators)

11:00 – 11:15 a.m.   **Break**

11:15 a.m. – 12:15 p.m.   **Session Two: Research Translation and Report Back of Research Results in Underserved Communities**
Jessica Begay (Diné), University of New Mexico (moderator)

Soil-Plant Uptake Studies to Protect Traditional Agriculture
Derek Capitan (Laguna), University of New Mexico

Science Communication Through Indigenous Art
Mallery Quetawki (Zuni), University of New Mexico

Pine Ridge, Point of Use Arsenic Intervention
Tracy Zacher (Rosebud Sioux), Columbia University

Assessment of VOC Exposure and Health Outcomes in Detroit
Rahul Mitra and **Lyke Thompson**, Wayne State University

12:30 – 1:30 p.m.

Session Three: Science Communication and Future of Machine Learning/Artificial Intelligence in Research – Alvarado Ballroom

Eliane El Hayek, University of New Mexico (moderator)

Navajo WaterGIS: Community Needs, Missing Data
Daniel Beene, University of New Mexico

Machines vs. People: Determining Criterion Weights for Environmental Exposure Models
Theodros Woldeyohannes, University of New Mexico

Maternal Exposures to Metal Components of PM2.5 and Low Birth Weight in New Mexico
Yanhong Huang, University of New Mexico

Infographics: Are You Effectively Communicating Your Research?
Xenia De Gracia, University of Arizona

Let's Talk Science Communication
Marisa Sobel, Columbia University

Social Responsibility of Scientists Working at Superfund Sites: The Case of Jones Road Ground Water Plume Site in Houston
Anna-Barbara O'James, University of Texas Medical Branch

1:30 – 2:50 p.m.

Lunch (on your own)