FARE User's Workshop - Goals & Objectives

Brigitte Baeuerle

NCAR/EOL Assistant Director for Operations & Workshop Co-Chair

Workshop Overview

The FARE Users' Workshop is funded by NSF to bring together new and experienced users of Lower Atmosphere Observing Facilities (LAOF) and Community Instruments and Facilities (CIF) to network, collaborate, and explore observational needs to advance atmospheric science.

The main goals of the workshop are :

- Increase community awareness of the expanded NSF FARE Program and provide guidance to new users in submitting scientific proposals and facility requests that plan to use available FARE assets
- To facilitate and engage in important discussions related to science drivers, emerging technologies, and community needs in the atmospheric sciences that will guide NSF's investment in future observing capabilities
- To form and strengthen partnerships and sustain innovative collaboration.

FARE Process (Monday/Tuesday)

Target audience:
- Researchers who are unfamiliar with NSF's FARE program and/or need a refresher
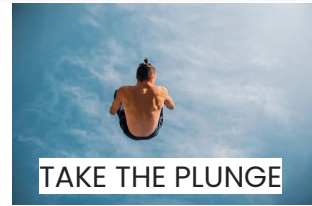
Program:
- Comprehensive overview of the NSF FARE Program (LAOF, CIF, FIRP, Track 1,2,3)
- Overview of field project support services offered by NCAR and other facility providers (e.g., data mgmt)

Highlights:
- User Stories by recent principal investigators who used FARE assets
- Instrument Circuit - get to know facility providers/staff
- Facilities and Instrument Exhibit in UCAR Center Green parking lot
- Breakout sessions to discuss challenges
- Ideas on how to train of next generation of airborne observationalists
- Reception - network to "find your flock"

Ultimate Goal:
Walk away with a better understanding of what facilities and services are available; how to request those facilities, how to build a successful experiment design plan, and who to reach out to for further questions

TAKE THE PLUNGE

FARE Tours and Data FAIR (Wednesday)

Target audience:
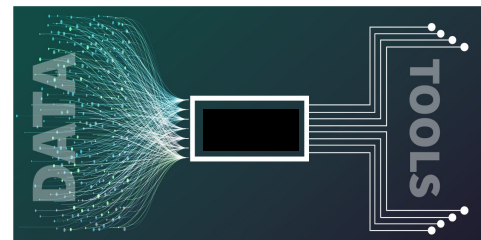- Novice and seasoned users of FARE assets

Program:
- RAF Tour (morning)
- Foothills Lab Tour (afternoon, 2 tours / 1 hour each)
- Data FAIR (afternoon, 1-3 pm)

Highlights:
- NSF aircraft, the new NCAR RAF building, DFS shop
- MicroPulse DIAL, NCAR dropsonde display
- Delve into the world of data at the Data FAIR (Findable, Accessible, Interoperable, Reusable)
- Tools available to support field deployments

Ultimate Goal:
Don't make data an afterthought

FARE Future (Thursday / Friday)

Target audience:
- Experienced and new users interested in new technologies, instrumentation development, and collaboration

Program:
- Presentations, lightning talks and discussions focused on science drivers, emerging technologies and community needs associated with observational atmospheric research

Highlights:
- Breakout sessions and in-depth discussions on a wide range of topics
- Reception

Ultimate Goal:
Facilitate discussions and solicit input related to community needs associated with observational research; provide feedback in the form of a final report to NSF/AGS to set the stage for future instrumentation developments

Our Pledge to Participants & Code of Conducts

UCAR/NCAR are committed to providing a safe, productive, and welcoming environment for all workshop participants, no matter what role they play or their background. This includes respectful treatment of everyone regardless of gender, gender identity or expression, sexual orientation, disability, physical appearance, age, body size, race, religion, national origin, ethnicity, level of experience, political affiliation, veteran status, pregnancy, genetic information, as well as any other characteristic protected under state or federal law.

- All participants are treated with respect and consideration, valuing a diversity of views and opinions

- Be considerate, respectful, and collaborative

- Communicate openly with respect for others, critiquing ideas rather than individuals

- Avoid personal attacks directed toward other participants

- Be mindful of your surroundings and of your fellow participants

- Alert NCAR conference staff if you notice a dangerous situation or someone in distress

- Respect the rules and policies of the workshop and UCAR/NCAR facilities

NCAR   NSF

Housekeeping

- **Daily Agenda** poster located in CG Lobby, Whova browser and App

- **"Sticky Wall for Questions"** in CG Lobby

- **Guest Wifi** instructions located at registration table

- **Conference Locations**
  - *CG*: Auditorium, Lobby, South Bay & Library, various conference rooms (2nd & 3rd floor), CG Parking Lot
  - *FL1*: EOL Atrium, DFS workshop, various labs (Wed only)
  - *RAF*: escorted (Wed only)

- Doors & Emergency Exits & Bathrooms

- **Cell phones:** Remember to put phones in silent mode during meeting

- **Microphones:** Use microphones for all questions

NCAR

NSF

QUESTIONS?