WORKSHOP AGENDA

Wednesday, September 21, 2016

4:45 pm or before  Check-in to hotel (otherwise take the shuttle directly to the Mesa Lab)

5:15 – 5:45 pm  Bus leaves hotel for NCAR Mesa Lab

5:45 - 6:30 pm  Reception at the NCAR Mesa Lab  Mesa Lab Cafeteria
  Pickup registration packet in the cafeteria
  Visit the Mesa Lab weather exhibit & outdoor space

6:30 - 8:15 pm  Welcome and opening remarks - Val Sloan, David Fields
  Meet and greet other REU site managers
  Introducing managers of new REU Sites

8:30 - 8:50 pm  Bus leaves NCAR Mesa Lab for hotel for the Hampton Inn & Suites N. Boulder
WORKSHOP AGENDA

Thursday, September 22, 2016

7:45 am  Bus departs hotel for NCAR Center Green Campus

8:00 - 8:30 am  Put up posters and preview posters

8:30 - 9:15 am  Welcome and Overview  
                Welcome by UCAR President, Dr. Anthony Busalacchi  
                Introduction to the workshop and overview - Val Sloan  
                Overview of GEO REU Sites - NSF Education Program Officers

9:15 - 10:15 am  PLENARY SESSION: Recruiting and Broadening Participation  
                  Challenges that REU students face  
                  Melissa Burt, Reggie Blake  
                  The role of minority science societies  
                  Diana Dalbotten on AISES and the Geoscience Alliance,  
                  Aisha Morris on NABG, Corey Garza on SACNAS, and Chris  
                  Atchison on IAGD  

                  Battling the GPA Bias: Selecting participants for research  
                  experiences  
                  Marianne Smith

10:15 - 10:30 am  Break

10:30 - 11:30 am  Breakout Sessions: Key Elements Sessions and Working Groups

In each Breakout Session, there are two formats to consider.

The ‘Key Elements’ sessions are meant to provide fundamental information and cover more  
ground and were designed with newer REU managers in mind, however all are welcome.

OR

‘Working Groups’ will go into greater depth on specific issues or topics. In addition to providing  
a venue for brainstorming on strategies, identifying resources, and providing support, these  
sessions will result in a document that will become a part of the final workshop report. Each  
working group should identify a scribe who will record ideas in Google Docs and a reporter who  
will report out to the larger group afterwards.
WORKSHOP AGENDA

Thursday, September 22, 2016

10:30 - 11:30 am  Breakout Sessions: Key Elements Sessions and Working Groups

**Key Elements of Running an REU - Part I**  Center Auditorium
Chris Atchison, Daphne LaDue
1. Designing an inclusive REU and recruiting applicants
2. Selecting students for your REU and matching with projects
3. How to build a strong cohort & why it matters

Or choose one of these:

**Working groups:**

- Recruiting and supporting students from underrepresented groups, minority-serving institutions, and minority science organizations
  Corey Gaza, Itchung Cheung  South Auditorium

- Recruiting and supporting students who are academically younger or from community colleges
  Marianne Smith, Deanna Erdner, Lesley Smith  Room 2126

- Recruiting and supporting students from tribal colleges and universities
  Diana Dalbotten, Sen Chaio  Room 2503

- Additional rooms are available for groups who want to split off to discuss related topics
  Rooms 3131, 3150

11:30 am - 12:00 pm  Report out from working groups  Center Auditorium
Reporters share highlights (5 min. per group)

12:00 - 12:45 pm  Lunch  CG1 Atrium

12:45 - 1:30 pm  Poster session

1:30 - 2:00 pm  Creating a Safe Workplace in your REU: Title IX and Sexual Harassment
Lisa Rom, Rebecca Haacker  Center Auditorium

2:00 - 3:00 pm  Breakout Sessions

**Key Elements of Running an REU Part II**  Center Auditorium
Melissa Burt, Rochelle Seitz
1. Finding, preparing and supporting mentors
2. Overseeing progress in REU projects

Or choose one of these:

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**Working groups:**

**Creating an inclusive REU and a welcoming workplace climate**
Claire Raftery, Carolyn Brinkworth  
South Auditorium

**Designing an accessible REU that supports the abilities of all students**
Chris Atchison  
Room 2126

**Additional rooms available for other topics**  
Rooms 2503, 3131, 3150

3:00 - 4:00 pm  **Breakout Sessions**

**Key Elements of Running an REU Part III**
Teaching scientific communication within your REU  
Bec Batchelor, Val Sloan  
South Auditorium

Or choose one of these:

**Working groups:**

**Dealing with difficult situations in your REU**
David Karowe, Lina Patino, Lisa Rom  
Center Auditorium

**Preparing students for on-campus/virtual/conference presentations**
Kama Thieler, David Fields  
Room 2126

**Administration of an REU: stipends, risk, and travel**
Carrie Manfrino, Don Conlee  
Room 3150

**Additional rooms available for other topics**  
Rooms 2503, 3131

4:00 - 4:30: pm  **Report out from working groups**
Reporters share highlights (5 min. per group)  
Center Auditorium

4:30 - 5:00 pm  **Mentoring session for REU managers**
REU site managers will be paired up for a mentoring conversation  
Melissa Burt, Rebecca Haacker  
Center Auditorium

5:00 - 5:30 pm  **Share-a-thon of REU Activities**
REU Site managers will be at tables sharing tools, tips, and activities on topics like teaching scientific writing, résumé-writing, cohort-activities, and more.  
Val Sloan, Michael Hubenthal  
Center Auditorium

5:45 pm latest  **Bus departs Center Green for the hotel**

6:45 pm  **Bus departs hotel for downtown Boulder (optional)**
**Dinner on your own or with others**

8:45 pm  **The bus returns to hotel from downtown**
**Taxi & Uber also an option**
WORKSHOP AGENDA

Friday, September 23, 2016

7:45 am  Bus departs hotel for NCAR Center Green Campus

8:00 - 8:30 am  Coffee and poster viewing

8:30 - 9:30 am  Plenary session: Geoscience career awareness and professional development  Center Auditorium
    Opening remarks - Val Sloan
    Status of the geoscience workforce - Carolyn Wilson, AGI (remote speaker)
    Adopting the EPA-E Geoscience Workforce Model to an REU Program - Reggie Blake
    Opportunities for students at AGU - Pranoti Asher, AGU
    Discussion - led by Val Sloan

9:30 - 10:30 am  Breakout Sessions

Key Elements of Running an REU - Part IV  Center Auditorium
    Anne Gold, Michael Hubenthal
    1. Evaluating your REU program
    2. Goals, metrics, logic models
    3. Summative and formative evaluation

Or choose one of these:

Working groups:

Raising career awareness and developing professional skills of REU students
    Reggie Blake, Pranoti Asher  South Auditorium

Talking to students about research ethics while supporting inclusiveness and cultural relevancy
    Diana Dalbotten  Room 3150

Publishing on your REU
    Susan Sullivan  Room 2126

Additional rooms available for other topics  Rooms 2503, 3131

10:30 - 11:00 am  Report out from working groups  Center Auditorium
    Reporters share highlights (5 minutes per group)

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11:00 am  Panelists and discussion: Regularly improving your REU  
Center Auditorium  
The panel will answer questions about how they have improved their REU each year, for example by incorporating feedback from their REU evaluation.  
Mike Allen (OCE), Karla Heidelberg (OCE), Daphne LaDue (AGS), Charles Liu (EAR)  

11:45 am  Wrap-up and looking forward  

12:00 pm  Lunch  

1:00 pm  Bus departs CG1 for field trip  

1:45 pm  Field trip stop #1: Dinosaur Ridge walk  
Field trip stop #2: Red Rocks Amphitheater walk  

4:30 pm  Bus departs for Boulder  

5:30 pm  Bus arrives back in Boulder and at hotel  
Approximate time