

WORKSHOP AGENDA

Wednesday, September 21, 2016

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|-------------------|--|
| 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 - <i>Val Sloan, David Fields</i>
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 <p style="text-align: right;">Center Auditorium</p> Welcome by UCAR President, <i>Dr. Anthony Busalacchi</i> Introduction to the workshop and overview - <i>Val Sloan</i> Overview of GEO REU Sites - <i>NSF Education Program Officers</i>
9:15 - 10:15 am	PLENARY SESSION: Recruiting and Broadening Participation <p style="text-align: right;">Center Auditorium</p> <p>Challenges that REU students face <i>Melissa Burt, Reggie Blake</i></p> <p>The role of minority science societies <i>Diana Dalbotten on AISES and the Geoscience Alliance, Aisha Morris on NABG, Corey Garza on SACNAS, and Chris Atchison on IAGD</i></p> <p>Battling the GPA Bias: Selecting participants for research experiences <i>Marianne Smith</i></p>
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 1

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 South Auditorium
Teaching scientific communication within your REU
Bec Batchelor, Val Sloan

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 Room 3150
Carrie Manfrino, Don Conlee

Additional rooms available for other topics Rooms 2503, 3131

4:00 - 4:30: pm

Report out from working groups Center Auditorium
Reporters share highlights (5 min. per group)

4:30 - 5:00 pm

Mentoring session for REU managers Center Auditorium
REU site managers will be paired up for a mentoring conversation
Melissa Burt, Rebecca Haacker

5:00 - 5:30 pm

Share-a-thon of REU Activities Center Auditorium
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

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 - <i>Val Sloan</i>	
	Status of the geoscience workforce - <i>Carolyn Wilson, AGI (remote speaker)</i>	
	Adopting the EPA-E Geoscience Workforce Model to an REU Program - <i>Reggie Blake</i>	
	Opportunities for students at AGU - <i>Pranoti Asher, AGU</i>	
	Discussion - <i>led by Val Sloan</i>	
9:30 - 10:30 am	Breakout Sessions	
	Key Elements of Running an REU - Part IV	Center Auditorium
	<i>Anne Gold, Michael Hubenthal</i>	
	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	South Auditorium
	<i>Reggie Blake, Pranoti Asher</i>	
	Talking to students about research ethics while supporting inclusiveness and cultural relevancy	Room 3150
	<i>Diana Dalbotten</i>	
	Publishing on your REU	Room 2126
	<i>Susan Sullivan</i>	
	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