

*Research*

*Mentoring*

*Opportunity*

# *Welcome to SIParCS!*

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# Agenda

- 8:30-9:45 Welcome, Introductions, Group Photo
- 9:45 – 10:00 DMOS Introductions
- 10:00-11:30 HR presentation/ID Cards/Mesa Lab Tours
- 11:30-1:00 Lunch with Mentors (cafeteria)
- 1:00-3:00 Teambuilding (back here)
- 3:00-5:00 Communication planning with mentors

# Welcome!

- A brief history of SIParCS
- This year's interns
  - 13 students
  - 2 students from EPSCoR states
  - 4 international students
  - 7 undergrads / 6 graduate students
  - 3 vegetarians ☺
  - Universities from across the US – IA, WY, MA, AZ, CO...

# Introductions!

- Name
- Pronouns
- School
- Project

# UCAR – Science Amplifier & Multiplier

- **Nonprofit** founded in 1960 by 14 universities
- **Manages NCAR** on behalf of NSF and the university community
- **Offers Community Programs** in response to community requests (UCP)
- **Serves as a hub** for community discussion and action
- **Provides national leadership** across academia, government labs, private sector



# UCAR

## NCAR

## UNIVERSITY CONSORTIUM

SCIENCE  
IN SERVICE  
TO SOCIETY

## UCP

Advocate for Earth System Science

Stewardship +  
Accountability

Collaboration +  
Research Facilities

Resources +  
Education

Center of Science + Research Excellence

Community Nexus

# NCAR – Research, Facilities, & Services



weather • water • space weather  
climate • air quality  
Earth system

- Collaborative research
- World-class computer models
- Supercomputing
- Observing systems & sensors
- Field campaigns
- Education & outreach

# CISL – Service, Science, & Education

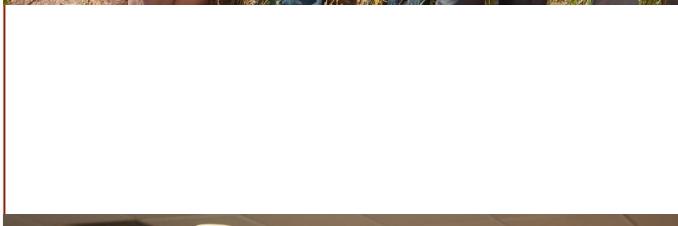
- **Services & Infrastructure** - We provide an integrated suite of high-end computing, information & data services, with a focus on providing superb service
- **Research & Development** – Mission-enabling R&D in computational & data sciences that leads to innovative, supported, & sustainable solutions for Earth Systems Science
- **Education & Outreach** – Inspiring and engaging future generations to engage in Earth Sciences by creating exciting educational discovery opportunities across the Lab



# SIParCS! YOU!

- **Research** – Early career researchers gain significant hands-on experience in high performance computing and related fields that use HPC for scientific discovery & modeling
- **Mentoring** – Students spend the summer working with mentors who are experts in their fields
- **Opportunity** – Interns have access to world-class computing resources & mentors. We provide funding to alumni to attend conferences, submit papers, & extend the research & connections made during the summer

“The SIParCS Program is among the most rewarding & insightful experiences of my graduate studies.”



# The Project

- This is not a competition.  
Support each other!
- You wouldn't be here if we  
didn't think you could do it.
- If you don't know the project's  
outcome that's when you know  
you're doing research.
- Trust your mentors, but don't  
expect them to have all the  
answers.
- Build your presentation &  
poster as you go along.



# Think beyond your summer project

- Participate in SIParCS surveys and give us feedback
- Explore opportunities for professional development
  - Conference attendance support
  - Paper and poster publication costs
  - Letters of reference/recommendation
- Join our alumni community on social media
- Keep in touch and let us know how you're doing.
  - We want to follow your dream!

# Nuts & Bolts

- Folder contents
- Boulder Weather – Layers, layers, layers – bring water everywhere!
- Attire – we are casual, but not TOO casual!
- The Library

# Professional Development Schedule

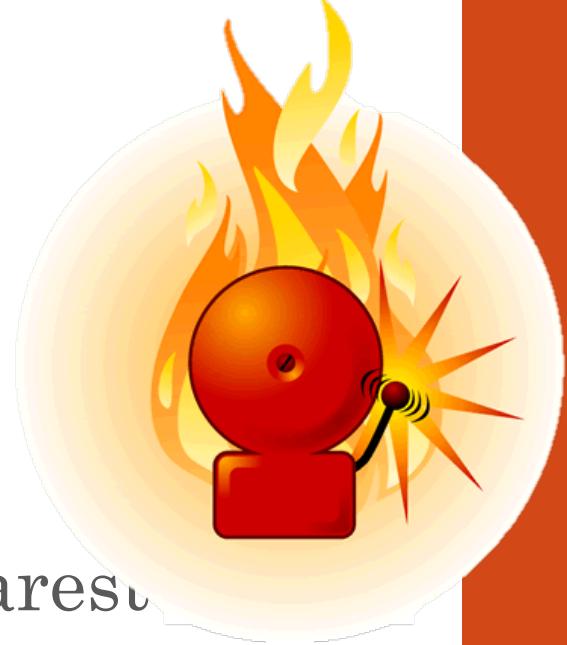
Date	Topic
May 30	<i>NCAR-wide Intern Leadership Training (All Day – Lunch included)</i>
June 6	<i>Diversity &amp; Inclusion</i>
June 13	<i>How to Give a strong scientific talk</i>
June 19	<i>Trip to NCAR-Wyoming Supercomputing Center (pack a lunch!)</i>
June 20	<i>Proposal Writing</i>
June 27	<i>Data management &amp; visualization</i>
July 5	<i>NCAR tour and hike</i>
July 11	<i>How to make a scientific poster</i>
July 18	<i>Writing a resume, CV, and interviews</i>
July 25	<i>Trip to Research Aviation Facility</i>
July 31-Aug 2	<i>Presentations &amp; Poster Session!</i>



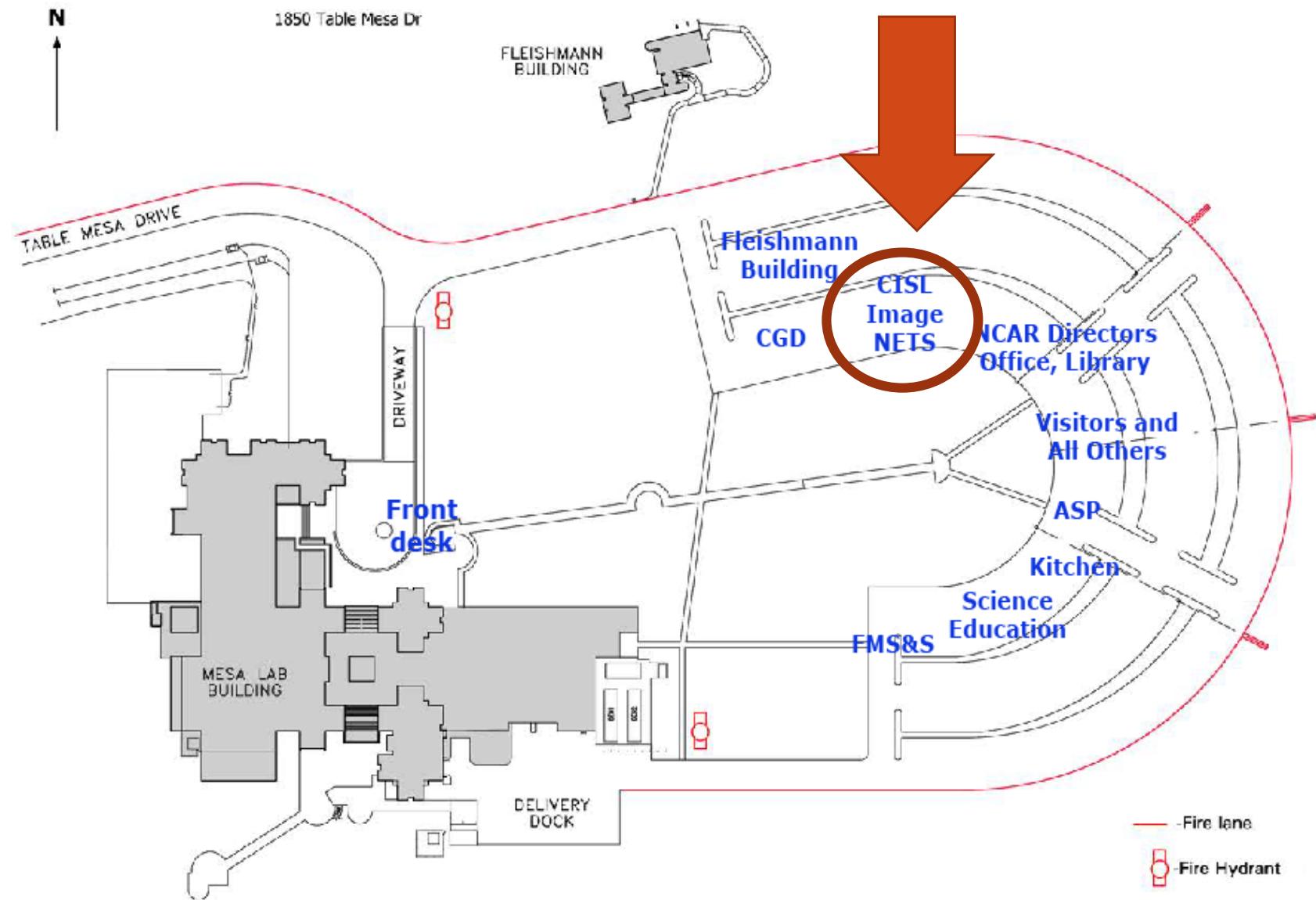
# Group photo

# Fire Alarms

- Treat all fire alarms as real
  - Evacuate the building
  - Shut the door and take the nearest exit
  - Do not take the elevator
  - Assist others without compromising your safety
  - Report to designated assembly area
  - Check in with Accountability Representatives
  - Remain outside until “All Clear”



## MESA LAB BUILDING EVACUATION DIVISION REPORTING SITES



# Workplace Violence

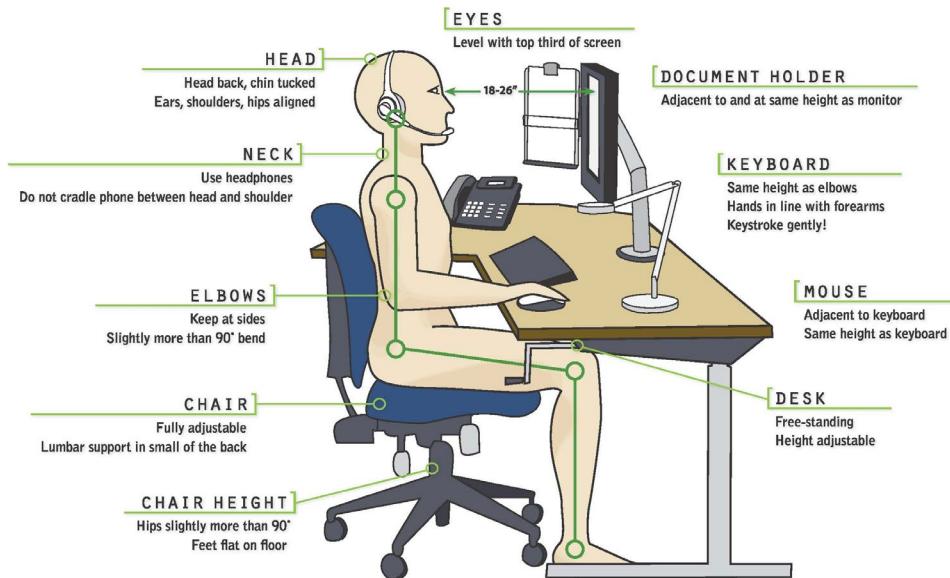
- Workplace violence is not tolerated
  - Name calling
  - Threats, intimidation
  - Weapons on premises
  - Verbal, physical assault
- Report concerns to AJ Lauer, Neil Barker or Lameece Erwin from HR



# Ergonomics

HEALTH, ENVIRONMENT AND SAFETY SERVICES

[WWW.FIN.UCAR.EDU/SASS/HESS](http://WWW.FIN.UCAR.EDU/SASS/HESS)



Take breaks  
every 30 minutes

Let AJ, Virginia, or your admin know if you think you need an ergonomic evaluation for your workspace – we will get that scheduled for you!

# TRANSPORTATION

UCAR OFFERS SEVERAL PROGRAMS THAT CAN HELP YOU:



COMMUTE TO WORK



GET BETWEEN CAMPUSES EASILY



SAVE MONEY



REDUCE YOUR ENVIRONMENTAL FOOTPRINT

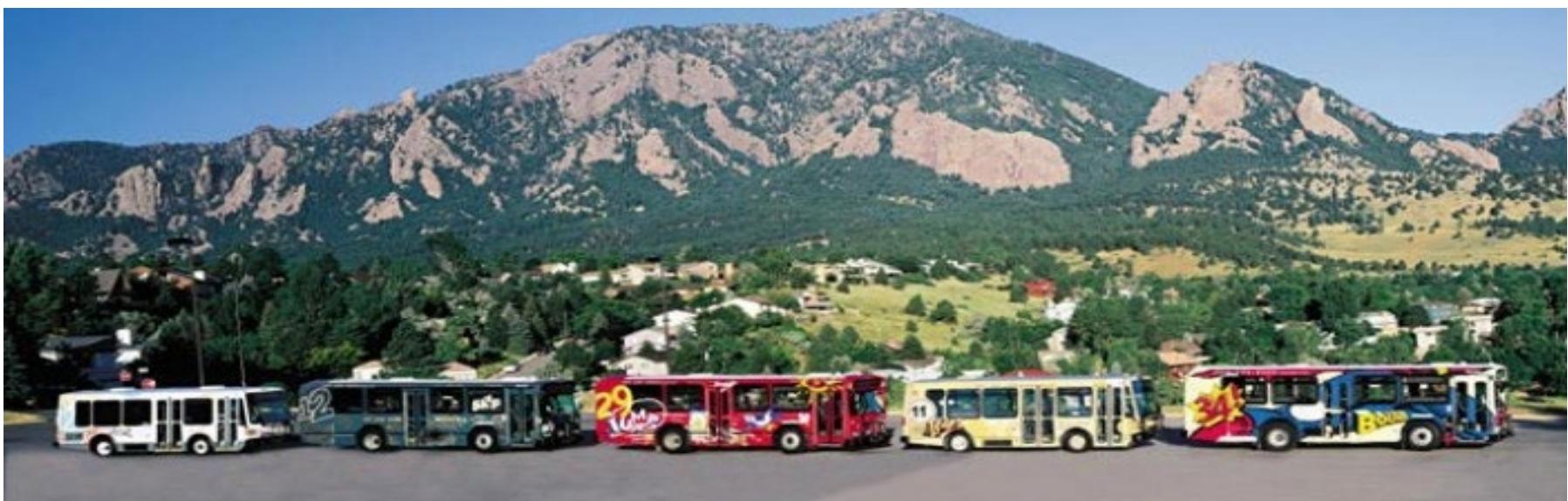


ENHANCE HEALTH AND WELLBEING



All staff and official visitors are provided with an Eco-Pass to ride the RTD Bus & Light-Rail (~\$2,000 value)

Boulder's award winning bus system can help you get around with ease.



# SHUTTLE

## Tools & Resources

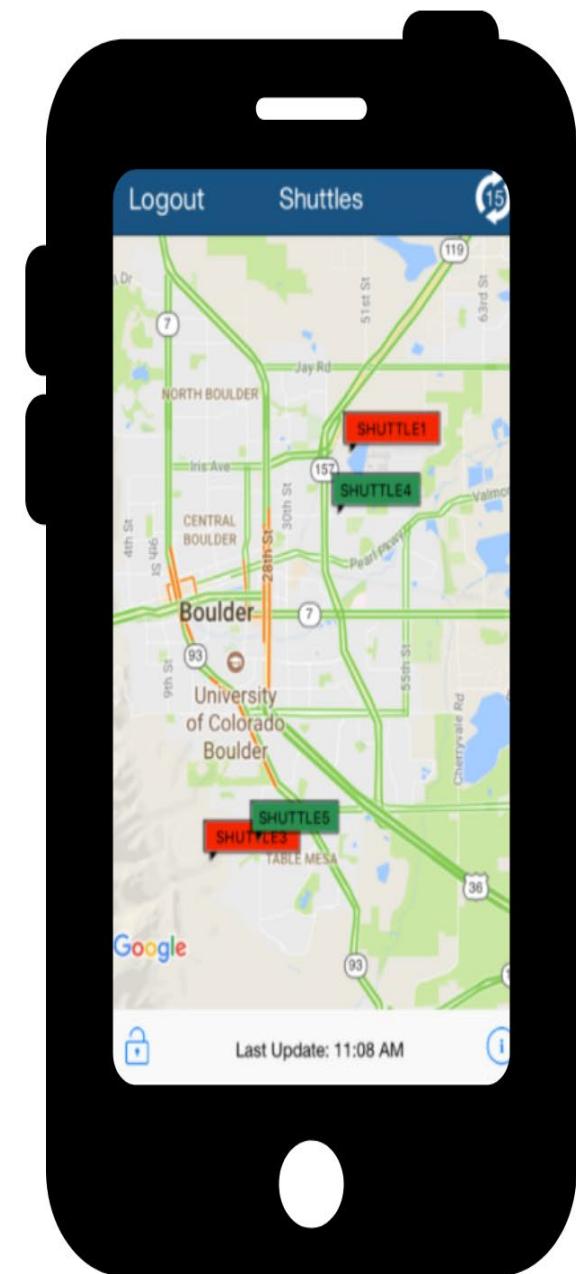
- Route Info
- Schedule
- Tracker App

✓ See shuttle routes taken and current status

✓ Color coded for stop, idle, or moving shuttles

✓ Updates every 30 seconds

✓ Standard and satellite view  
Live traffic overlay from Google



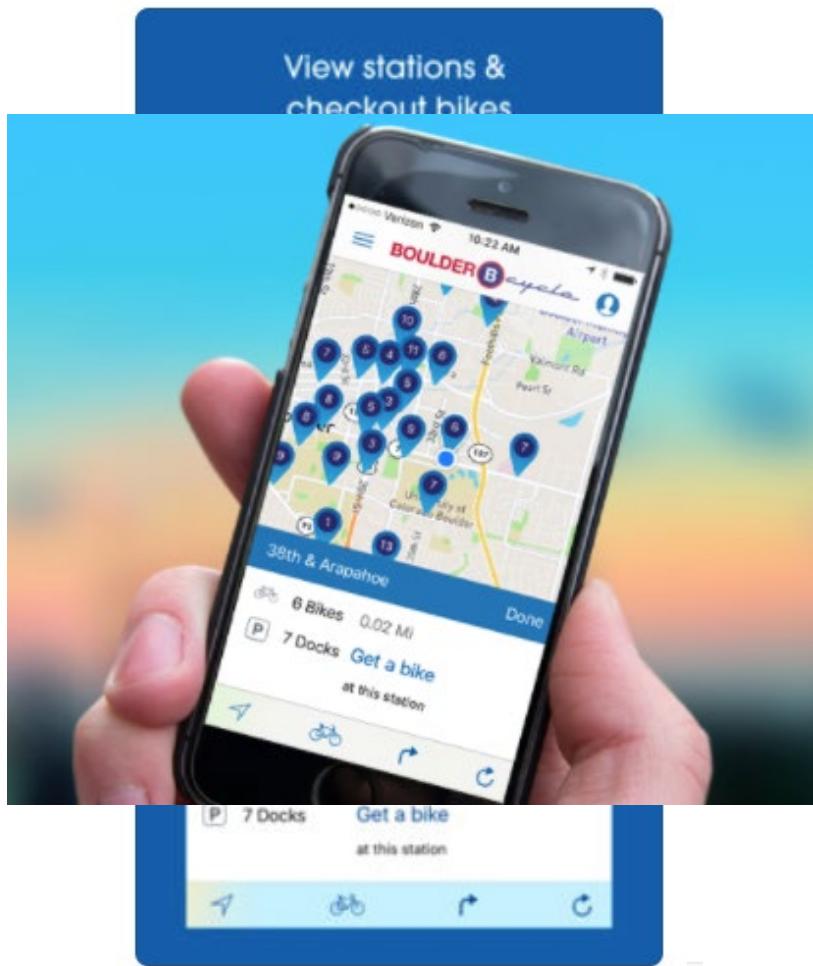


UCAR provides a fleet of bikes that are available to all staff and visitors for free.

During the summer months, you can borrow a Blue Bike for up to 30 days.

During the "off-season" months, you can borrow a Blue Bike for longer periods of time.





All staff and visitors are provided with a B-cycle annual membership. (\$88 value)

- B-cycle is a bike-sharing system that gives you 24/7 access to a bike.
- We even have 2 stations located on our campuses, which are great for getting between Foothills and Center Green.
- Your membership includes an unlimited number of 60-minute trips.
- Your B-cycle pass is valid in a number of partner cities! Examples include Nashville, Austin, Ft. Lauderdale, and more!

# DMOS & Human Resources

Computer Setup Schedule for Tuesday, May 21st						
Setup Time	Intern	Work space	OS	Sys Admin	System Name	User Name
8:30-8:50	Thomas Johnson	55L	mac	Shelby	CISL-FLORENCE	thomasjo
8:30-8:50	Weile Wei	466	mac	Emma	CISL-MCMURDO	weile
8:50-9:10	Behrooz Rozitalab	55K	mac	shelby	CISL-WS10	behroozr
8:50-9:10	Aashiq Shaikh	580	mac	Emma	CISL-WS16	aashiq
9:10-9:30	Broday Walker	55M	mac	Shelby	CISL-WS17	brodayw
9:10-9:30	Henry O'Meara	490A Left	Windows	Emma	CISL-CARLISLE	omeara
9:30-9:50	Bailey Kleespies	55M	mac	Shelby	CISL-WS08	baileyk
9:30-9:50	Dylan Dickerson	490A Right	mac	Emma		gdicker
9:50-10:10	Aly Ammar	55J	mac	Shelby	CISL-WS07	alyamar
9:50-10:10	Lolita Mannick	565 Left - Crows Nest	Windows	Emma	CISL-BEAVERTON	lmannick
10:10-10:30	Katrina Wheelan	390B	mac	Emma	CISL-HICO	kwheelan
10:10-10:30	Colton Grainger	280	mac	Shelby	CISL-WS11	grainer

# DMOS & Human Resources

*Naomi Letourneau*  
*Human Resources Coordinator*



We get paid every 2 weeks – on Fridays!  
You can view the payroll schedule on [payroll's website](#).

Your first time card will be a paper TimeCard – the instructions are in RedCarpet onboarding.

Please work with your supervisor to complete.



#### Important information on first paper Timecard

Your first Timecard will be a paper Timecard. Follow these instructions to submit your paper Timecard:

- Download the paper [Timecard](#) and complete your hours worked in the appropriate fields. The total hours will add up automatically. Then print off your Timecard.
- Contact your supervisor or administrator to assist you with completing the paper Timecard to ensure proper completion and submission by the correct due date. You will also need your supervisor's approval before submitting your Timecard.
- Submit your Timecard the Friday before the end of the [pay period](#), regardless of when you receive this alert.
- Scan and e-mail your paper Timecard to [payroll@ucar.edu](mailto:payroll@ucar.edu) or fax to 303-497-8579.



Timecards are due the end of the pay period or last working day!

*Learn in a minute*



# Timecard

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*Entering & Submitting  
Your Time Cards*

UCAR

*air • planet • people*

## *Ombuds Office*

- Confidential
- Trained
- Informal

**Nan Rosenbloom**

[nannr@ucar.edu](mailto:nannr@ucar.edu)

<https://internal.ucar.edu/oo>

## *Office of Diversity, Equity, and Inclusion*

- Focus on creating an inclusive workplace

**AJ Lauer**

CISL Outreach, Diversity, and  
Education Lead

x1288; [ajlauer@ucar.edu](mailto:ajlauer@ucar.edu);  
ML- 296C

## *Ethics Hotline*

- Confidential
- Independent third-party
- Anonymous

<https://www.ucar.edu/who-we-are/ethics>

## *Human Resources*

- Any questions or concerns

FLA – 3rd floor

<https://www2.fin.ucar.edu/hr/contact-us>

# DMOS & Human Resources

## Questions?

Lunch is from 11:30 – 1:00 with your mentor!  
We will see you back here at 1:00.

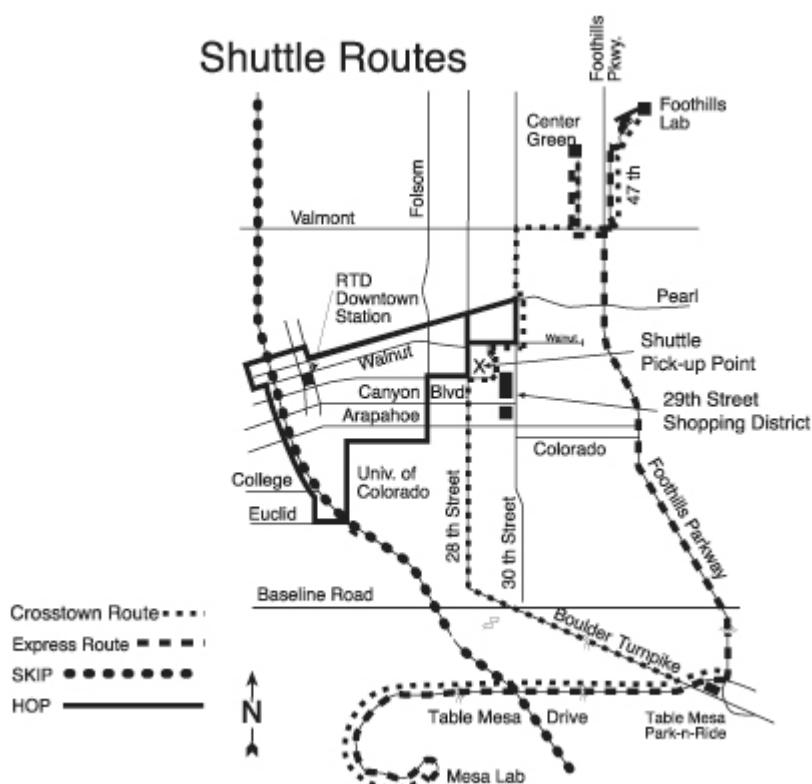
# Afternoon Teambuilding

# Schedule for the rest of the week

- Computer setup Tuesday morning
- RMACC Symposium Tues afternoon – Thursday (shuttle at 11:30am on Tues, Meet @ the main door. Wed & Thurs, meet @ Wolf Law Building)
- Friday, 9:30am – 11:00am – Cheyenne Tutorial. All except Jason & Aashiq

8:30-8:50	Thomas Johnson
8:30-8:50	Weile Wei
	Behrooz Roozitalab
8:50-9:10	Aashiq Shaikh
9:10-9:30	Broday Walker
9:10-9:30	Henry O'Meara
9:30-9:50	Bailey Kleespies
9:30-9:50	Dylan Dickerson
9:50-10:10	Aly Ammar
9:50-10:10	Lolita Mannick
10:10-10:30	Katrina Wheelan
10:10-10:30	Colton Grainger

# Getting back to Bear Creek



See shuttle schedule in your folder!

UCAR Shuttle:  
<https://www2.fin.ucar.edu/fms/transportation/shuttle-services>

# Mentor-Mentee Communication Warm-Up

Both mentor and mentee take turns answering:

- Where are you from?
- What does your family life look like?
- What do you like to do for fun?
- What drew you to this opportunity?
- What do you love about this work? What do you find challenging?
- Are you comfortable asking for help? Why? Why not?

# Mentoring Planning

- Mentoring planning worksheet
- Tour with your mentor – how to get from your mentor's office to yours