

NR 220 Orientation Meeting 2016



<http://warnercnr.colostate.edu/pingree-park>
and Canvas website

NR 220 - Natural Resources Ecology and Measurements

- 4 Weeks, 5 credits
- Session 1: **May 16 – June 10**
- Session 2: **June 13 – July 8**
- Session 3: **July 11 – August 5**

Prerequisites: Animal and/or Plant Biology
and Algebra



NR220 Academic Director/Coordinator

Dr. Paul Doherty
Dept. of Fish, Wildlife, and Conservation Biology
paul.doherty@colostate.edu
Room 240 Wagar

Ethan Billingsley
Human Dimensions

Paul Doherty
Fish, Wildlife & Conservation Biology

Steven Fassnacht
Watershed

Instructors: Session 1

Paul Meiman and Rick Knight
Range

Bob Sturtevant
Forestry

Instructors: Session 2

Shawn Davis
Human Dimensions

Paul Doherty
Fish, Wildlife &
Conservation Biology

Doug Bailey
Watershed

Rocky Coleman
Forestry

Rick Knight
Range

Instructors: Session 3

Kate Huyvaert –
Director -
Fish, Wildlife &
Conservation
Biology

Niah Venable
Watershed

Kurt Mackes
Forestry

Paul Layden
Human Dimensions

Paul Meiman
Range

Teaching Assistants



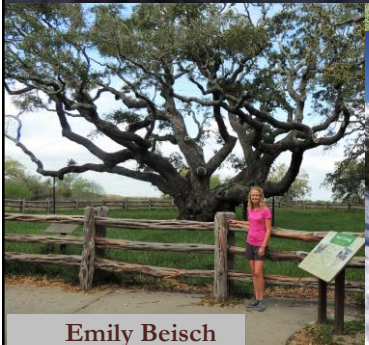
Samantha Lange



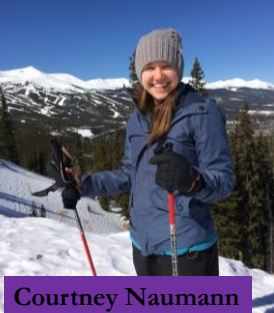
Marina Rodriguez



Rachel Baiyor



Emily Beisch



Courtney Naumann

Where In The World is The Mountain Campus?



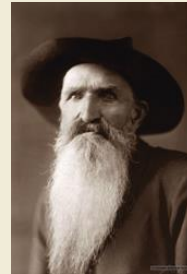
A little history....



1867 - Union Pacific Railroad reaches Wyoming
Need for a local source of railroad ties

George W. Pingree

- 1868 - contracted to produce railroad ties



- Set up a tie camp
- Ties were "floated" downstream to LaPorte
- Then hauled to Tie Siding, WY
- The camp lasted 3 years

Other Historical Dates

- 1890 – Hugh Ramsey homesteads
- 1912 – Colorado A&M given federal land (Act of Congress)
- 1916 – First season used by forestry program (1 student)
- 1927 – forestry students required to attend camp
- 1974 – Koenig/Ramsey property sold to CSU
- 1994 – Hourglass Fire
- 2015 – Changed name to The Mountain Campus



A Quick Tour ...



The Campus



The Lodge (Dining Hall and Office) and the "Store"



Elegant Dining

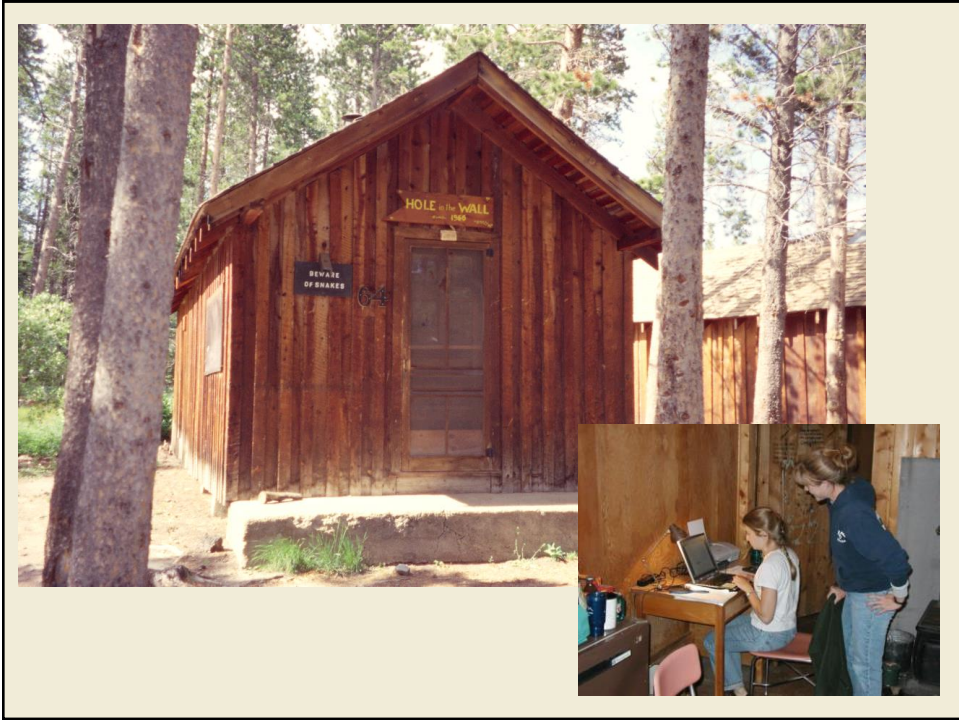


Recreation room and store ...



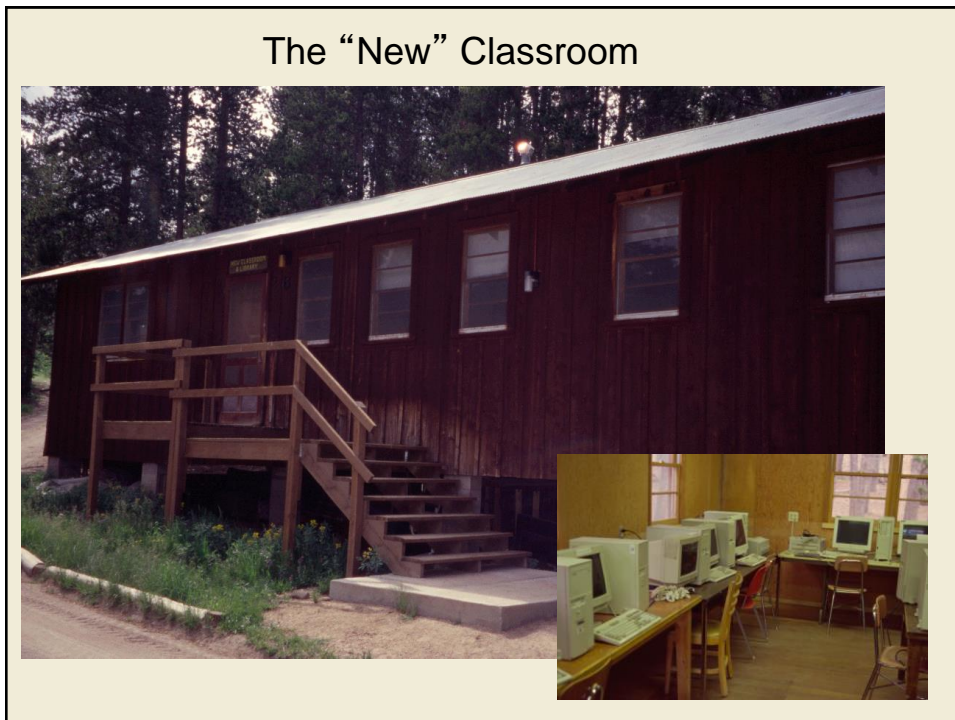
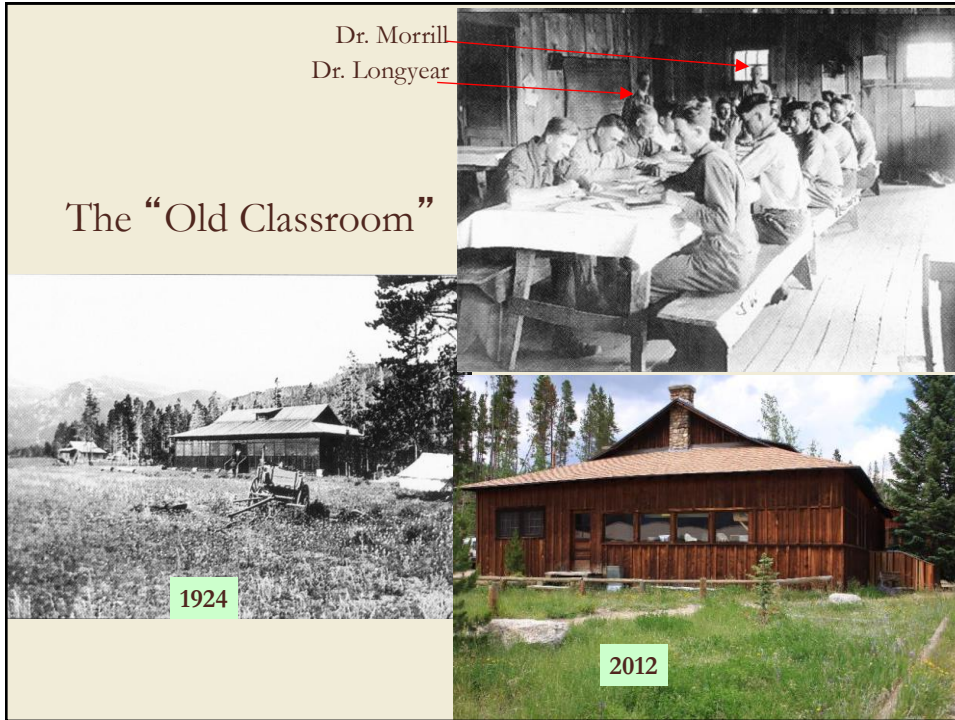
Luxury Student Accommodations





The "Really Old" Schoolhouse





The "Best" Classroom



Mountain Campus Administration



Seth Webb – Asst. Director
seth.webb@colostate.edu

Pat Rastall – Director
pat.rastall@colostate.edu



NR 220 Schedule



Week 1:

Survey of Biota and Environment


Basic Field Skills

- Trees and Shrubs
- Grasses and Forbs
- Fish and Wildlife species
- Watershed
- Map and Compass
- Exam Sunday Night!



Week 2: Natural Resource Measurements



Range 



Forestry



Human Dimensions



Wildlife



Watershed

Exam Sunday Night!

Weeks 3 & 4: Community Studies / Specialty Days



Lodgepole



Spruce-Fir



Ponderosa



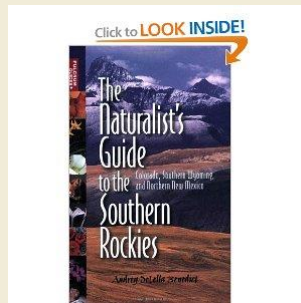
Mountain Shrub



Alpine

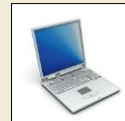
What to Bring: Books and Supplies (at bookstore by finals week)

- NR 220 Manual– CSU Bookstore (by Finals Week)
- NR 220 Textbook – A. Benedict. 2008 or 2014. The Naturalist's Guide to the Southern Rockies.
 - Highly recommended to read before you attend NR 220!
 - Save on time; and you will be better prepared



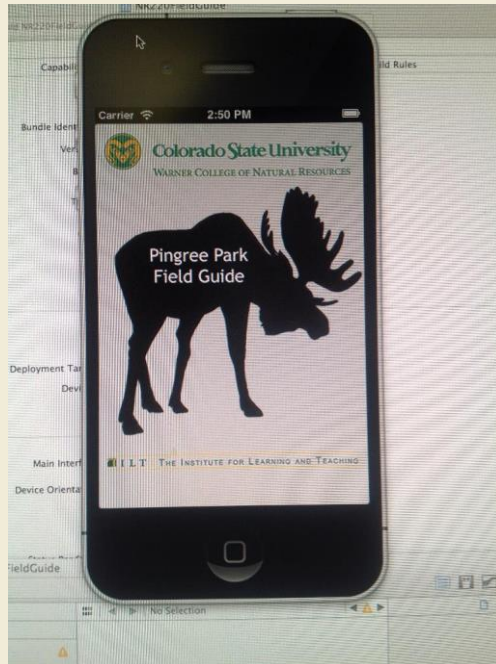
What to Bring: Books and Supplies (at bookstore)

- Hand lens – 5-15X
- Map (at bookstore)
- Clipboard / paper / pencils
- Calculator
- Compass (preferably with mirror and adjustable declination)
- USB
 - Optional
 - Field guides - useful
 - E.g., *Sibley's Guide to Birds of Western North America*
 - Many electronic guides available
 - Laptop computer
 - Some available in the bookstore
 - GPS
 - Snow shoes
 - Waders



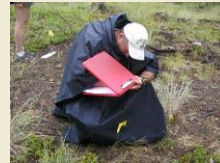
Pingree Park Field Guide App

(watch for
email and
link on
Canvas)



What to Bring: Personal Items

- Clothes (layers) synthetics / wool
 - Session 1 – be prepared for winter!
- Sunscreen!
- RAIN GEAR !!
- Good hiking boots/shoes !!!
- Sheets and bedding



Useful (fun !!) optional things:

- Backpacking gear (packs, tents, etc.)
- Camera / binoculars
- Mountain Bikes (Lock)
- Fishing License (CPW) / rods
- Musical instruments
- Novels / games / cards



Leisure Time



ENTERING
ROCKY MOUNTAIN
NATIONAL PARK



What NOT to Bring:

- ☹️ Pets (dogs, cats, ferrets, monkeys, etc.)
- ☹️ Drones (single prop, quad copter, etc.)
- ☹️ Guns (handguns, rifles, shotguns, uzis)
- ☹️ Other guns (pellet/bb/paintball/airsoft)
- ☹️ Other weapons (bows, crossbows, brass knuckles)
- ☹️ Fireworks
- ☹️ Illegal (or partially legal) drugs (marijuana, hashish, cocaine, crack, crystal meth, ecstasy, absinthe, LSD, heroin, mushrooms, peyote, etc.)



Copious amounts of alcohol !!

The Mountain Campus is a community....

You will encounter:

- Other groups (Road Scholars, youth groups)
- Other Schools (e.g., Univ. of Missouri forestry)
- National/International Conferences
- Mountain Campus staff and families



Permission and Liability Forms

- On Canvas
 - Over age 18 form
 - NR 220 Liability Form
 - Housing and Dining Agreement
 - Alcohol Policy
 - Van driving agreement
 - Do you need a ride to The Mountain Campus
 - Cabin assignment request
- Complete As Soon As Possible

NR220 - Day of Arrival (Monday)

- Transportation to Mountain Campus
 - Vans Depart CSU at 7:00am
(parking lot east of Forestry Building)
 - We need van drivers
 - **Try to car pool (help the environment!!!)**
Individual Car Parking is limited !!!!
- Do Not Arrive at The Mountain Campus Before 9:30 a.m.
 - (check in ends at 11am)
- Check in at Dining Hall to complete registration
- Lunch at noon
- Team-building (low ropes course) at 1 pm
- Dinner at 5:30pm
- Academic Orientation @ 6:45 pm in “Old Classroom” (next to dining hall)



The Pingree Road



Very Important !!

Students need to be at the Mountain Campus by 11:00am on check-in day.

If you are not checked into a cabin by 11:00am, you will lose your spot and we will contact students on the waiting list who will be ready to drive to the Mountain Campus that evening.

We do have a waiting list this year

If you are registered, but are not yet totally sure, please make your decision soon.



Financial Aid



Summer: need 6 credits to be eligible

- 1) Sign up for another summer class/independent study (before or after NR 220)
- 2) FW111 (Basic Wildlife Outdoor Skills; 1 credit).
 - 1) Online: Beginning of May
 - 2) Face-to-face weekend between 1st and 2nd sessions (June 11-12)
 - 3) Orientation May 2, 6pm Wagar 133
- 3) Independent study with Dr. Steven Fassnacht

FW 111 (1 credit)



- Readings/videos
- Modules
 - Hunter Safety Card/Firearms Safety
 - Not just .22s
 - Fly fishing
 - Wildlife Crime Scene Investigation
 - interested in law enforcement, or just for fun
 - Backcountry camping/hiking
- Why?
 - Get some skills that you can use on the weekends
 - Arrive at the Mountain Campus early
 - Have some fun

Need Reasonable Accommodation?

Need extra time on exams?
 Alternate testing environment?
 Word lists?
 Other?



Please send documentation from:
Resources for Disabled Students (RDS)
 to Paul Doherty
 (BEFORE your session starts)
 We can't do this for you.

Dietary Issues ?

Vegetarian ?
 Vegan ?
 Food Allergies ?



**For more information contact:
 Mountain Campus Food Service Director
 or
 Pat Rastall / Seth Webb**



Non-traditional students

- See Pat and Seth if you have any concerns

DROP DATE



NR220 is a 4 week course,

Thus.... the drop date (with NO penalties)
is Tuesday 4:30 pm
(the second day of class).

So ... do the math here.

Keep an eye out for emails from Paul Doherty/Kate Huyvaert

- Permission/Liability forms (Canvas)
- Van ride sign up (Canvas)
- Field Guide App

Forestry 230

- For information - see website
(<http://warnercnr.colostate.edu/pingree-park>)
- And/or contact Rocky Coleman
(rocky.coleman@colostate.edu)

FWCB study abroad courses

- Next winter break (2 weeks)
 - 3 credits FW 382 (Travel Abroad Baja California Sur)
- Next spring semester program
 - FW 370, FW 471, FW 382, FW 472, FW 482
 - 10 weeks, done by spring break



Questions?

See you this summer !!!!!

