CLBS Final Information Session
What's in store...
EFB202

- Session A – 72 students
- Session B – 71 students
Outline

• Welcome: Doing things the Cranberry Lake Way!
• Academic Integrity/Alcohol Policy – Dean Lombard
• Safety & University Police – Chris O’Connor
• Computing at CLBS – Aaron Rounds
• Billing
• Health & Safety
• What to bring to CLBS
• Arrival instructions & directions
• Paperwork: CLBS Handbook and Boating Safety
• Questions
Creating Community
Doing things the Cranberry Lake way
Academic Integrity and...

- Dr. Anne Lombard, Dean of Student Affairs
- CLBS is subject to all the same Student Life and campus policies as the Main Campus... plus a few more!
  - No weapons
  - No drugs
  - No alcohol

http://www.esf.edu/students/handbook/
Safety – UPD Expectations

• Chief Chris O’Connor, UPD

• CLBS is subject to all the same UPD and campus policies as the Main Campus... plus a few more!

• No weapons
• No drugs
• No alcohol

http://www.esf.edu/univpolice/contact.htm
CNS and CLBS

A brief intro to IT at CLBS
But first...

• How many people will **not** be bringing a laptop to CLBS?

• How many people expect to be able to use their cell phone at CLBS?
Wilderness Wireless Management

A.K.A. Facebook in the Forest

- Yes, there is WiFi...
  Wireless access to the Internet
- No, it is not everywhere or available all the time
- Yes, there is some cell signal... but not for all carriers
- Greater detail will be available when you arrive at CLBS

CLBS wireless In brief...
WWM Rule 1: Make it pretty...
Purpose: Provide access to electronic research materials and basic communications to/from the CLBS campus.

Locations available:

- Dining Hall
- Main Office
- Classroom 1 & 4
- Lab
- Staff Cabins
WWM Rule 2: Know what you want...
WWM Rule 3: Be realistic...

When wireless access is made available to you:

• Limit the devices you connect, both number and type
• Disconnect/shutdown when not in use
• Think about what you are doing – and how it impacts others
• Have realistic expectations about service
• Recognize that electronics do not work without electricity
CLBS Wireless restrictions...

The IT Guy’s bucket of cold water on your digital life.

• First: Abide by Campus policies governing the use of computing resources
• Wireless is not always available to everyone
• Use only the credentials provided to you
• Any use of peer-to-peer file sharing will result in quarantine
• Any detected Malware infections will result in quarantine
Minitab

• Software for the tabulation and statistical analysis of your project data while at CLBS
• Many of you have already used this software in classes at ESF
• Free for you to download and use
• If you are bringing your own laptop to CLBS, install Minitab *before* leaving main campus
• Does not run natively on a Mac...
Minitab... details

• Installs (basically) like anything else
• Will stay active until the end of August
• Is easy to get:
  ➢ Log into any ESF Lab PC (Baker, Marshall, Moon, etc.)
  ➢ Click Start ➔ Computer
  ➢ Look for the ‘Faculty’ F: drive
  ➢ Copy the Minitab folder to your USB flash/removable drive
  ➢ Instructions are in the folder
Questions...
Billing... EFB202

- Total instate cost: $1494 ($834 tuition – 3 CR)
- Total out of state costs: $2700 ($2040 tuition)
- This includes room and board ($220/wk)
- Electives one less week, so -$220 off of above
- Bills going out at the end of this week
  - Due within 30 days
  - $200 deposit will go toward your bill
Health & Safety

- CLBS → Clifton-Fine Hospital: minimum 45 min
- Minimum 15 – 20 min for emergency responders to get to CLBS
Health & Safety

• What is at CLBS?
  – 3 AED devices: Dining Hall, Office, Boathouse
  – First Aid supplies, over-the-counter medications in office
  – Staff trained in First Aid/CPR/AED & Margaret/Aaron will be newly certified as Wilderness First Responders
Health & Safety

• What is not at CLBS?
  – **EpiPens**! It is essential that you bring your EpiPen if you may need one.
  • Aside: Your time at CLBS is not the time to experiment with foods you are ‘somewhat’ allergic to
  – Rescue inhalers
  – Diabetes medications
  – etc. (basically any medical supplies/medicines requiring a prescription)
Health & Safety

• How to stay safe at CLBS:
  – Avoid alcohol/drug use/other risky behavior
  – Play it safe: bring any medical items you could conceivably need with you!
  – Heed the instructions of staff regarding safety in boats, canoes, while swimming, etc.
  – Make sure you have adequate equipment for staying dry and warm in and out of the field
Health & Safety

• In the event of an emergency:
  – Call 911 (if you have reception)
  – Go (or send someone) to the Office ASAP

• Questions or Concerns? Please speak to:
  – Dr. Fierke (Director)
  – Margaret (Business Manager)
  – Aaron or Emily, Office work studies
• CLBS Handbook (on the CLBS website)

http://www.esf.edu/clbs/

– Super, great, amazing resource for most of your questions!
– Read it now!!!
– Read it again the day before you get in your car to come up!!!

Welcome to Cranberry Lake Biological Station

This handbook will give you an overview of the program and help you to plan ahead. If you have any additional questions about the Cranberry Lake Biological Station (CLBS) program after reading this handbook and supplementary materials, please contact the Directors. We hope your stay at CLBS will be as rewarding to you as it has been to so many attendees of previous years. CLBS is intended to provide undergraduate and graduate students with field experience in biology. We feel the ideal field experience includes at least an introduction to the joys and difficulties associated with actually doing field research. Practically, this means the station hosts both an academic program each summer (i.e. formal courses) and a number of independent research projects by teaching and non-teaching scientists each year. The station has a long history of providing field experience to students. The property served as the principle site of field training for the State University College of Forestry at Syracuse University (now ESF) forestry students between 1915 and 1970. As a forestry summer camp, the site provided unique experiences for a generation of eastern conservationists, including Robert “Bob” Marshall, one of the founders of the Wilderness movement in the United States.

Since the early 1970s, CLBS has focused on the biological sciences; the courses and research at the station reflect this shift. We currently see ourselves as a community of scholars, interacting on a daily basis as we go about the business of learning and doing science.

Setting & Biota

Cranberry Lake, a large Adirondack waterway, serves as an ideal site for biological study and research. Most of the shoreline is state-owned and is undeveloped. The station is surrounded by remote forests classified as Wild Forests or Wilderness by the Adirondack Park Agency. Despite its location on the mainland, CLBS is a boat access only facility. The isolation makes it easier to leave markers and equipment unattended. It helps focus everyone’s attention on experiencing and understanding the local environment, both physical and intellectual.

Cranberry Lake has a surface area of about 7,000 acres, with 55 miles of shoreline, making it the third largest lake within Adirondack Park. This park, with an area of 6 million acres (as large as the states of Vermont or Massachusetts), is the largest state park in the United States and is the largest area devoted to wilderness values in eastern North America. However, 60% of the parklands are in private ownership and are largely managed for timber products. The close juxtaposition of logged private tracts and wild forests in public ownership enhance the ecological diversity within the park and around CLBS.

Numerous local habitat types are represented, either on station property or within short hikes or boat rides. These include spruce-tamarack bogs, beaver meadows, marshes, streams, ponds, and lakes of various sizes and types. Of course, the primary habitat type in the area is northern mixed hardwood forest. Representative patches in every conceivable stage of succession from new second growth to old virgin stands are accessible to station residents for research or recreation. In addition, there are a number of accessible old fields in the area.

The Adirondack region is a meeting ground for boreal species of the far north and temperate species from farther south. At CLBS, the presence of paper birch, balsam fir, gray jay, and snowshoe hare testify to the boreal influence of cold winters and deep snow. Yet, here too, are species such as white-tailed deer, barn swallow, basswood, and white ash, representing more temperate climes to the south. Other mammal species at CLBS include the fisher, otter, marten, porcupine, beaver, and black bear, as well as numerous small rodents. Amphibians are diverse and abundant, with large breeding populations of American toad, pickerel, mink, leopard, wood, bull, and green frogs, as well as spring peepers and tree frogs. Smallmouth bass are regularly caught in Cranberry Lake and brook trout are common in the numerous streams and ponds.

Aesthetically, the station has few rivals with a combination of a sunset over Cranberry Lake and the call of loons contributing to an unforgettable experience. The history of early settlement and economic exploitation around Cranberry Lake is reflected in a mosaic of forest age classes and vegetation types. Around 1890, logging for white pine and red spruce was widespread in the area. Logs of these conifer species could easily be floated to market via streams and lakes. The railroad arrived at
Food & Accommodations

• 3 meals/day (packed lunch for class days)
• Dining Hall open for beverages/snacks 24/7
• Bunk in 6 – 8 person cabin (unheated!)
• Bathroom & laundry facilities w/ hot water
What to bring to CLBS:

• Bedding or sleeping bag, pillow
  – Heating apparatuses not allowed in living quarters!
• Towels
• Toiletry items
• Water bottle
• Sunscreen
• Insect repellent/bug net
• Clothes: Be prepared for summer or winter weather!
  – Three-layer system: **shell layer** to repel water & wind (ex. rain coat **and pants**), **insulation layer** (wool/synthetic/down), **moisture-wicking layer** (long underwear)
What to bring to CLBS:

• Wool/synthetic socks
• Boots: hiking, waterproof and broken in
• Sneakers that can get dirty/muddy (wetlands) or water shoes
• Flip flops (for shower or camp)
• Gloves
• Hat to repel sun and rain
• Small flashlight or headlamp (and batteries)
• Medicines/medical supplies
Insect repellant & head net
Especially for Session A!!!
What to bring to CLBS:

- Day pack
- Notebook (Rite in the Rain is great!)
- Waterproof covers or plastic bags to cover day pack/notebook
- Optional: sketchbook and art supplies (or available to purchase at station)
- Pens, pencils
- Field guides
- Cash – for sketchbook, merchandise, supplies from office
- Personal computer
- Bring if you own: binoculars/compass/hand lens
Optional to bring...

- Acoustic instruments
- Wilderness medical kit
- Fishing pole & fishing license
- Waders
- Snorkel, goggles, fins
- Backpacking gear
- Bathing suit (not optional in July : )
- Camera
- Games & recreational equipment
What **NOT** to bring

- “noisy stuff”—stereos, speakers, etc.
- electronics that draw excessive current (e.g., hairdryers)
- drugs
- alcohol
- weapons
Arrival
(for EFB 202; Elective sessions will receive further instructions by email)

• 10:00 am: Last name A – E
• 11:15 am: Last name F – K
• 12:30 pm: Last name L – P
• 1:45 pm: Last name Q – U
• 3:00 pm: Last name V – Z
  – Carpoolers: arrive anytime!
Carpool...

- Google doc... Needing a ride & Giving a ride
  - Name
  - Session
  - Departing from
  - No. of seats

- See email from Kristen this morning!!!
Arrival at the Marina

- Look for ESF sign ~2 miles down Columbian Rd. off Rt. 3 in Cranberry Lake, NY
- ~3 hours from Syracuse
Getting to CLBS
Tip for nasty weather arrival:

• Place your belongings inside trash bags or other waterproof bags—they will be exposed to the elements on your way to the station!
Paperwork

- Proof of Boating Safety Course – bring to us now or when you arrive at CLBS if you would like to operate motor boats for class/research purposes
Questions?