Cranberry Lake Biological Station

and the EFB Field Experience
Be part of a CLBS summer: 103 years and counting
The Cranberry Experience

Quality education in a field setting...
A close community of students and staff...
Building unique and practical set of scientific skills...
Preparing you for careers in research or consulting, whilst integrating with on-campus classes...

http://www.esf.edu/clbs/
EFB Field Experience

- All EFB students (except those in biotechnology) are required to take EFB202, a 3 CR integrated course in field biology, at CLBS

- Most take this course between freshman and sophomore years
EFB Field Experience

• An additional 3 CR in a field experience elective is required

• This can be done at Cranberry Lake or through another approved field experience

• It can be done either the same summer or in a subsequent summer
Getting to CLBS
Cool t-shirts!
Wireless Campus... really!
FOOD SERVICE
Field Days
Boat Safety

• If you plan to use a motorboat while at CLBS for your projects, you MUST have a Boater Safety certificate

• Please see the CLBS website for information

• Without this course, you are restricted to using canoes
2019 Summer Schedule

• Session A, EFB 202  May 19 – Jun 7 (3 wks): 75 students
• Session B, EFB 202  Jun 9 – Jun 28 (3 wks): 75 students
• BOCES  Jun 29 – July 5 (1 wk): 30 HS students
• Session C, electives  Jul 7 – Jul 19 (2 wks): 70 students
• Session D, EFB 202  Jul 21 – August 9 (3 wks): 75 students
EFB 202: Ecological Monitoring & Biodiversity Assessment

• “Flagship” course **requirement**
• Team taught
• Includes sampling, journaling, soils, plants, aquatics, herps, birds, mammals, insects, fungi, stats
• 2 weeks of field methods and biodiversity
• 1 week of research – group project
### EFB202 – weekly schedule

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**Legend:**
- Blue: Belford
- Green: Bowman
- Orange: Stewart
- Red: Fierke
- Black: Folta
- White: Full day off
- Aqua: Field Days

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**Note:** The schedule is based on the assumption that the days of the week are abbreviated as follows: Sun, Mon, Tue, Wed, Thur, Fri.
Shields Award

http://digitalcommons.esf.edu/clbs/
The DEET Girls:

*Polyphemus pediculus* survivorship in insect repellent treated water

Camila Ferguson
Chloe Blaisdell
Sarah Lundy
Michaela Tersmette

Interaction Test Statistics: f-value=65.63
p-value=0.00

Amount Test Statistics:
f-value=6862.86
p-value=0.00

Repellent Test Statistics: f-value=322.45
p-value=0.00
Habituation of Creek Chub to a Chemical Alarm Stimulus

Control vs Experimental

Average Reaction Time (seconds)

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Trial 1 vs 5

Mean Reaction Time (seconds)

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Minnows did not show capacity to learn throughout the trials

T = -2.71
P = 0.019
n = 10
CLBS Informational Session & Sign-up

• Monday Feb 4\textsuperscript{th} 6:00 – 6:45 pm - Gateway
  – Sign up Sr/Jrs (~40)

• Tuesday Feb 5\textsuperscript{th} 7:30 - 8:30 Bray Rotunda
  – Sign up ~190 Sophomores/Freshmen

• Pay $200 deposit to Cashier (102 Bray) by 3:00 pm 2/6
  – Cash, check (made out to SUNY ESF), credit card (Mastercard, Visa, and Discover only - no American Express)
  – Leave registration forms with Cashier
Room/Board and Tuition

• Room/Board = ~$220/week
  – 2 wks = ~$440
  – 3 wks - ~$660
  – $200 is credited to board

• In-State Tuition = $286/credit hour
• Out-of-State Tuition = $694/credit hour
More Information

• Another information session will be scheduled in April to cover details of being at CLBS

• The CLBS Handbook is online – please take a look... be prepared
Questions?

https://vimeo.com/213671186/6f3783cbca