

2010 Education Program Schedule (last updated Feb. 1, 2010 JR)
10 Week Program Dates: June 7-Aug. 15, 2010

Overview:

Students will usually attend 2 discussions a week: one of the Monday/Wednesday discussions and one of the Thursday discussions. All students are required to attend Tuesday night seminars. Attendance at Wednesday night graduate seminars is optional.

Some discussions are optional and are indicated as such. Students wishing to attend any given optional discussion must sign up in advance with the Coordinator, as class size is limited.

Advanced Independent Research students will sign up to lead at least one Monday night journal club. Students with REU awards have additional requirements.

Independent Research students will attend all Wednesday discussions, unless excused by the Coordinator.

June

- 7-11 Orientation, Experimental Design and Statistics Workshops, GEO XT training, and Metadata training. Meet with mentors, if mentors are on-site. Begin planning projects.
- Mon 7 Dining Hall Opens Monday at Breakfast. Students arriving before June 7 should bring their own food. Dave can tell you which cabin you may cook in.
- Tues 8 Orientation tour in the morning. Workshops during the day. All students sign up for one of the Wednesday sessions about writing research proposals.
- 8:00 pm Seminar in Dining Hall.
- Wed 9 Experimental Design Workshops with Scientists.
- Wed 9 2:30 pm or 4:30 pm. Barclay West. Informal Discussion: 'Authorship and Writing a Research Proposal.' (also discuss submitting online research plans, preparing for oral presentations [~10 min / blackboard and overheads only. No powerpoint.] and doing peer reviews of proposals).
- 6:00-7:00 Mentor/Student/Faculty Introduction dinner in the dining hall. Dinner is free for all RMBL residents.
- 7:00 pm Orientation with the Director, Meet in Dining Hall.
- Thurs 10 8:15 am Work Day in Gothic. Meet at the Town Hall. Come meet people and help clean up the lab. (optional)
- Th&Fri, 11&12 Students sign up for GEO XT training and Metadata training.
- Sun 13 Orientation hikes for anyone at RMBL. Sign up at Dining Hall. (optional)

- Mon 14 7:30 pm Barclay West. Informal Discussion (optional: sign up with Coordinator)
- Wed 16 4:30-5:30 pm, Barclay West. Discussion based on readings from 'How to do Ecology', by Karban and Huntzinger. (optional for Adv. Res. Students: sign up with Coordinator)
- Thurs 17 4:30 pm OR 7:30 pm, Barclay West. First, announcements, then Jennie – discuss Metadata. Half the session will be in the classroom and half the session in the computer lab. We'll 1. discuss the purpose of collecting data/metadata, 2. do an exercise reviewing someone else's metadata - is it intelligible? 3. demonstrate how to enter your own metadata.
- Mon 21 7:30 pm Barclay West. Informal Discussion. (optional: sign up with Coordinator)
- Tues 22 8:00 pm Seminar in Dining Hall.
- Wed 23 Three copies of proposal due to Coordinator's mailbox by 12:00 noon. You will receive a photocopy of a peer's proposal to review shortly thereafter.
**All documents for submitting online 'Research Plans' should be in each student's folder on computers. Emily will review these and give the 'okay' before you submit them online.
- Wed 23 4:30-5:30 pm, Barclay West. Discussion based on readings from 'How to do Ecology', by Karban and Huntzinger. (optional for Adv. Res. Students: sign up with Coordinator)
- Wed-Fri, June 23-25. Oral presentation of proposals and feedback. Each student will sign up for a time to give their oral presentation. Oral presentation sessions are tentatively scheduled as follows:
- Wed, June 23 7:30-9pm – Mammal and bird projects.
- Th., June 24 9-11 am – Pollination projects, Barclay West.
9-11 am – Aquatics and ecosystem projects, Barclay East.
1-3 pm – Mutualism projects, Barclay West.
1-3 pm – Other plant-insect projects, Barclay East.
7:30-8:30 pm – Other projects, Barclay West.
Mentors, Please attend the session where your student(s) speak
Jennie needs to remind students to collect GPS coordinates and fill out the hardcopy of the 'Spatial Metadata form'
- Thurs, June 24- Sun., June 27 Schedule time to check out GPS units (GeoXT) at GPS office (Willey 206).
- Sat 26 Breeding Bird Census (Optional)

Mon 28 7:30 pm Barclay West. Informal Discussion with Dan Blumstein, REU ethics authority. Read “Why we need an “ecological ethics”, by Minter and Collins. For students working on vertebrates, please also read "Guidelines for the treatment of animals in behavioural research and teaching”, the Animal Behaviour paper. Another paper TBA. (optional: sign up with Coordinator)

Return your review of your peer's proposal to Coordinator.

Tue 29 8:00 pm Seminar in Dining Hall.

Wed 30 4:30-5:30 pm, Barclay West. Discussion based on readings from ‘How to do Ecology’, by Karban and Huntzinger. (optional for Adv. Res. Students: sign up with Coordinator)

July

Thur 1 4:30 pm OR 7:30 pm, Barclay West. Informal Discussion "Diversity issues in biology." (optional: sign up with Coordinator) **Deadline for submitting online 'Research Plans'

Sun 4 Happy 4th of July!!! Run the 1/3 Marathon race or Volunteer. (Optional)

Mon 5 7:30 pm, Barclay West. Informal Journal Club. (optional: sign up with Coordinator)

Tue 6 8:00 pm Seminar in Dining Hall.

Wed 7 4:30-5:30 pm, Barclay West. Discussion based on readings from ‘How to do Ecology’, by Karban and Huntzinger. (optional for Adv. Res. Students: sign up with Coordinator)

Thur 8 4:30 pm OR 7:30 pm, Barclay West. Informal discussion: "Preparing for and choosing a graduate program." (optional: sign up with Coordinator) **Deadline for collecting GPS coordinates of research sites and submitting the hardcopy of the 'Spatial Metadata form' to Jennie Reithel

Mon 12 7:30 pm, Barclay West. Informal Journal Club. (optional: sign up with Coordinator)

Tue 13 8:00 pm Seminar in Dining Hall.

Wed 14 4:30-5:30 pm, Barclay West. Discussion based on readings from ‘How to do Ecology’, by Karban and Huntzinger. (optional for Adv. Res. Students: sign up with Coordinator; Botany students will miss this – they’ll be on a field trip.)

Thur 15 Invasive Weed Day. Help pull invasive plants in Gothic. Meet at Town Hall at 8:15 am (Optional)

Thur 15 4:30 pm OR 7:30 pm, Barclay West. Informal Discussion: "Career Opportunities in ecology." (optional: sign up with Coordinator) ** Deadline for online submission of GPS metadata.
Sign up for 'statistics session' on Thursday, June 22.

Mon 19 No meeting. Town Hall in Dining Hall. (Optional).

Tue 20 8:00 pm Seminar in Dining Hall.

Students will sign up for one of the 5 statistics sessions on Wednesday or Thursday, July 21&22.

Wed 21 2:30 or 4:30 or 7:30pm, Barclay West. Statistics workshop: "Statistical analysis and displaying your data effectively."

Thur 22 4:30 pm or 7:30 pm, Barclay West. Statistics workshop: "Statistical analysis and displaying your data effectively."

Mon 26 7:30 pm, Barclay West. Informal Discussion: "Scientific writing, publishing, and peer review." Dan Blumstein. Please read, "Writing an effective manuscript review", by Waser, Price, and Grosberg and "The who and how of authorship", by David Post. (optional: sign up with Coordinator)

Thurs 29 4:30 pm OR 7:30 pm, Barclay West. Informal Discussion: "The art of oral presentation."
**One copy of the hardcopy of the 'Non-spatial Metadata form' due to Jennie R. at 7:30 pm.

Fri 30 **One copy of Introduction, Methods, and any completed Results and Discussion due to Coordinator by Noon.

August

Aug 1-6 ESA meetings - Some mentors will not be at RMBL.

Mon 2 7:30 pm, Barclay West. Informal Discussion (optional: sign up with Coordinator)

Tues 3 8:00 pm Seminar in Dining Hall.

Thurs 5 Invasive Weed Day. Help pull invasive plants in Gothic. Meet at Town Hall at 8:15 am (Optional)

Thurs 5 4:30 pm OR 7:30 pm, Barclay West. Metadata meetings with Jennie.

Sun 8 Annual RMBL Corporation Meeting in Dining Hall at 10 am. (Optional for students)

Sun 8 Load talks on computer. Optional practice sessions for oral presentations and feedback 4:30-5:30pm and 7:30-8:30 pm.

- Mon 9 ***RMBL Student Research Symposium: 8:30 am - 5:00 pm, Upstairs Barclay Classrooms.*** Mentors, please attend.
- Aug 10-13 Make appointment with Coordinator or Science Director for site visits, to review checklists, to discuss metadata and to discuss final papers.
- Wed 11 Deadline to submit Online Evaluations.
- Sat 15 10 Week Program ends.
- Tues 24 Dining Hall closes with Dinner. After this date, any students remaining in Gothic must cook their own food. Dave can tell you which cabin you may cook in.

*** Two days before you leave Gothic, you must submit your completed checklist and all appropriate documents (e.g., two hard copies of your final paper) to the Coordinator or Science Director. Make sure Jennie 'okays' your metadata submission. If applicable, your final stipend check and/or grade will be mailed to you after the Coordinator has verified completion of each item on the checklist, signed your checklist, and given it to billy barr.

Contact Information:

Coordinator: Emily Mooney

Science Director: Jennie Reithel, sd at rmb1.org

GPS Technician: Cody Foster, gis at rmb1.org

Operations Manager: Dave Larson, admin at rmb1.org