

Coastal Ecosystems NSF REU Site (Research Experience for Undergraduates)

Week:	Date:	Sessions/Field Tours/ Workshops:	Topics covered:
0	May 5th	<p>Mentor Training: May 5th 9 – 12pm</p> <p>Brian Dewsbury, STEM Institute GL 165</p>	<p>Best practices and tips for mentoring</p>
1	May 22 – May 26	<ul style="list-style-type: none"> • Student “Pre-Survey”: Qualtrics • Monday May 22. REU Orientation 2pm - 3:30pm in Wertheim Conservatory All Welcome! • Meet N Greet (Mentors) Schedule time to tour labs! • Welcome BBQ @ 5:00pm Location: 901 Tangier Street, Coral Gables, FL. 33134 • Friday May 26. Kayaking in the Keys @ John Pennekamp Reef State Park 	<ul style="list-style-type: none"> • Program overview: Required ethics/lab/safety trainings; Lab/facility tours; Meet with student and faculty mentors to develop workplans. • Informal gathering of students and mentors for dinner. <p>Friday: Kayaking John Pennekamp Coral Reef State Park depart 8am outside OE112 MMC campus</p>
2	May 29 – June 2	<ul style="list-style-type: none"> • Wed. May 31. Workshop: Chief Science Officer Everglades Foundation / Dr. Steve Davis “Everglades 101” 1 – 3pm • Friday June 2. Everglades air boat (if water levels allow) 	<ul style="list-style-type: none"> • Everglades 101: Learn about the role of estuaries and ecotones: the benefits of mangrove forests, coral reefs and seagrass beds to our ecosystems and economies. OE112 1 – 3pm (Virtual) Join Zoom Meeting https://fiu.zoom.us/j/8633655521?pwd=RVFvZXl5Rlh6dnZLSEJmS0hNZ0V0dz09 • Everglades National Park Air Boat Rides depart 9am from MMC

*Please note that the program dates, times, and locations may evolve over the summer.



3	June 5- 9	<ul style="list-style-type: none"> • Wednesday June 7th • Friday June 9 	<ul style="list-style-type: none"> • Work in Labs getting data ready!
4	June 12 - 16	<ul style="list-style-type: none"> • Wed. June 14. Workshop: Intro to R-Studio and Data Management & Statistical Analysis @ 1pm. Dr. Javier Rodriguez Casariego in OE112 • Friday June 16. BBC Field Excursion Boat Trawl and Drone Technologies (Time: 8am depart from MMC – meet BBC students there) AC1-331 reserved 	<p><i>Near peer mentors please try to have REU interns prepared with a data set!</i></p> <ul style="list-style-type: none"> • How to organize and prepare your data and metadata for analysis and statistical testing
5	June 19 - 23	<ul style="list-style-type: none"> • Wed. June 21st Afternoon Workshop: Science Writing with John Kominoski @ 1pm – 2:30pm in OE112 • FULL DAY! Thursday June 22. Workshop with AIBS: Science Communication + Policy @ ICTB @ Kampong (3959 S. Douglas Rd) with Lunch 12 – 1pm/Workshop 1 – 5pm / Reception 5 – 7pm (All Mentors!) • Friday research 	<ul style="list-style-type: none"> • Develop the skills/strategies to incorporate when writing scientifically. The goal is for you to learn the techniques to write effectively early on in your research project. • AIBS Workshop: learning how to engage and become informed decision-makers and influential as a communicator of science and science policy, organizational leadership, translate your work within social media and to the general public.
6	June 26 – June 30	<ul style="list-style-type: none"> • Wednesday June 28. Workshop: GRFP Seminar Brianna Martinez (virtual) & Rita Teutonico Thurs. 1 – 3pm MMC Campus OE112 in person. BBC on zoom • Friday research 	<ul style="list-style-type: none"> • Tips on preparing, writing and submitting to NSF Graduate Research Fellowship Programs (GRFP)



7	July 3 – July 7	<ul style="list-style-type: none"> ● Making and Giving Good Presentations @ MMC OE112 from 1pm – 3pm). Beth Simmons July 5th Wednesday ● July 6, 2023 5pm (virtual) Science Conducted Across the LTER Network –How to expand your undergraduate opportunities through the network! ● Friday July 7. None 	<ul style="list-style-type: none"> ● How to turn a research project into an effective and engaging talk via slideshow & poster ● Webinar: Participating in research within the LTER network is exciting and stimulating. Multiply that by 27 sites across diverse biomes and the opportunities are endless. Join this virtual orientation to the LTER network and see how you can expand your research. Links on Canvas. BBC campus meet in AC1-331, MMC meet in OE112
8	July 10 - 14	<ul style="list-style-type: none"> ● Wednesday July 12 Workshop: CV & Resume Building, Elevator Pitches with Melissa McCarthy from 1 pm– 3pm OE112. (Interviews for CREST) ● Friday July 14: Marine Lab Snorkeling in Key Largo: Ecosystem biodiversity comparing Seagrass and Coral reefs. 	<ul style="list-style-type: none"> ● <i>Students, please bring a working version of your resume + CV to this workshop.</i> ● How to build a comprehensive CV/resume, introducing yourself to someone you would like to work with, general interviewing skills ● Marine Lab: 51 Shoreland Dr, Key Largo, FL 33037. Depart MMC at 8am.
9	July 17 - 21	<ul style="list-style-type: none"> ● Practice Presentations (Beth) Meet first in Room OE112, Wednesday July 19 @ 1pm Wertheim Conservatory. Conservatory, MMC campus (near greenhouse). 	<ul style="list-style-type: none"> ● Near Peer Mentors poster content and draft due Wednesday this week! ● Full run-through of oral presentations, feedback ● ALL presentation must be uploaded to EVR4941 Canvas by Monday July 17!
10	July 24 – July 28	<p>SALG Student Survey administered.</p> <p>Thursday July 27. Poster session Snacks and soft drinks served. (Booked College of Business Complex R-233)</p> <p>Friday July 28 Student Research Symposium (Wertheim Conservatory reserved on MMC campus)</p> <p>Final Cookout Celebrations! All Invited!</p>	<ul style="list-style-type: none"> ● Upload posters: to Canvas by Sunday July 25 ● Poster printing Monday July 26! ● Thursday July 27 Poster Session: 5 – 8pm CBC R-233 (<i>pin posters @ 4pm</i>) ● Friday Symposium: Wertheim Conservatory Presentations 2-4pm <p>Dinner: 5 – 8pm</p>