

# 2019 FORT JOHNSON SUMMER UNDERGRADUATE RESEARCH PROGRAM

(v. 19.07.15)

## ORIENTATION ACTIVITIES

### W, May 29

REU Interns check into Grice Marine Lab Dormitory

Interns working at HML/CCEHBR (Coates, Duran, Eberwein, Penn, Rios) check in when possible with Calvin Missildine at CCEHBR

### Th, May 30

<i>Time</i>	<i>Activity</i>	<i>Meeting location</i>
8:30-9:30	Program orientation, paperwork, staff intros (Podolsky/staff)	GML 106
9:30-10:45	Intro to Charleston Harbor/paperwork/tour of GML (Meier/Townsley)	GML 106
10:45-11:45	Orientation to Grice Marine Lab Housing (Townsley/Hiott)	GML 106
11:45-12:50	Pizza lunch/photos (Hiott)	GML picnic tables/porch
12:50-5:00	Mentor lab tours (Podolsky)	GML picnic tables/porch

**(F, May 31 and M, Jun 2 are both normal lab workdays)**

### M, Jun 3

10:00-11:00	HML/CCEHBR lab safety orientation (Duran, Eberwein, Mateos, Penn, Rios)	HML auditorium
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### Tu, Jun 4

8:30-9:45	Introduction to Responsible Conduct of Research (Sara Stevenson)	MRL classroom
9:45-10:15	Introduction to library resources (Geoff Timms)	MRL classroom
10:15-10:45	Boating and field safety (Meier)	MRL classroom
10:45-12:00	Laboratory safety & security (Townsley)	GML 106 & 108
12:00-1:30	<b>MENTOR LUNCH "MONDAY"</b> (Dr. Demetri Spyropoulos, MUSC/HML)	GML picnic tables
1:30-2:00	Title IX orientation (Leya Nelson)	MRL classroom
2:00-3:30	Diversity/Identity Workshop (Charissa Owens)	MRL classroom
3:30-5:30	SCICOMM Workshop orientation (Podolsky)	GML 202
6:00	GML welcome cookout (interns, staff, mentors)	GML picnic tables

## WEEK 2

<b>M, Jun 3</b>		
<b>Tu, Jun 4</b>	8:30 am-	<b>ORIENTATION 2<sup>nd</sup> day (see above)</b>
<b>W, Jun 5</b>		
<b>Th, Jun 6</b>	4-6 pm	<b>WORKSHOP THURSDAYS!:</b> Composing a Strong Research Proposal & Poster (Podolsky). GML 202
<b>F, Jun 7</b>		
<b>S/S, Jun 8/9</b>	9 am-noon	Kayak Charleston Harbor (Meier)

## WEEK 3

<b>M, Jun 10</b>	12-1 pm	<b>MENTOR LUNCH</b> Dr. Mike Napolitano, NOAA/HML (GML picnic tables or porch)
<b>Tu, Jun 11</b>	11 am-1 pm	<b>DiSTEM Fort Johnson Potluck lunch</b>
	4-6 pm pm	<b>SCICOMM TUESDAY!</b> Research Proposal poster development (w/ grad-student mentors) GML 202
<b>W, Jun 12</b>		
<b>Th, Jun 13</b>	4-6 pm pm	<b>WORKSHOP:</b> Intro to Science Ethics: role playing exercises (Podolsky) GML 202
<b>F, Jun 14</b>	7:30 am -	<b>FIELD EXPERIENCE:</b> Depart for Ethics workshop overnight in ACE Basin (Podolsky)
<b>Sa, Jun 15</b>	1 pm	Return from ACE Basin after stop at the Angel Oak

## WEEK 4


<b>M, Jun 17</b>	12-1 pm	<b>MENTOR LUNCH</b> Dr. Mike Janech, CofC/GML (GML dorm porch or picnic tables)
<b>Tu, Jun 18</b>	4-6 pm	<b>SCICOMM:</b> Message Box review; "The Righteous Mind" discussion GML 202
<b>W, Jun 19</b>		
<b>Th, Jun 20</b>	4-6 pm	
<b>F, Jun 21</b>	12-2 pm	<b>FIELD EXPERIENCE:</b> Okeanos Explorer Cruise Kickoff Party! (Dr. Peter Etnoyer, NOAA) HML 206
	2:30-5 pm	<b>DUE: Research Proposal Poster Session</b> (GML 202)
<b>Su, Jun 23</b>	1 pm	<b>FIELD EXPERIENCE:</b> SC Aquarium, Behind the Scenes tour (tour starts 1:30)

## WEEK 5

<b>M, Jun 24</b>	12-1 pm	<b>MENTOR LUNCH</b> Dr. Peter Etnoyer, NOAA/CCEHBR (GML dorm porch or picnic tables)
<b>Tu, Jun 25</b>	4-6 pm	<b>SCICOMM:</b> Putting together a video presentation (Joey van Arnhem, CofC Library) GML 202

<b>W, Jun 26</b>		
<b>Th, Jun 27</b>	4-6 pm	<b>WORKSHOP:</b> Video equipment and editing tools ( <b>J. van Arnhem</b> ) CofC Library downtown
<b>F, Jun 28</b>		
<b>Sa, Jun 29</b>		<b>DUE: Blog entry 1, "Problem"</b>

### WEEK 6

<b>M, Jul 1</b>	12-1 pm	<b>MENTOR LUNCH</b> Dr. Peter Lee, CofC/HML (GML dorm porch or picnic tables)
<b>Tu, Jul 2</b>	4-6 pm	<b>SCICOMM:</b> Public perceptions and the role of social media (Dr. David Shiffman) Skype, GML 202
<b>W, Jul 3</b>		
<b>Th, Jul 4</b>	 6:30 pm	<b>SOCIAL:</b> Dinner at Podolsky/Welch Residence, Fireworks viewing from Fort Johnson
<b>F, Jul 5</b>	TBA	<i>(postponed to July 26)</i>

### WEEK 7

<b>M, Jul 8</b>	12-1 pm	<b>MENTOR LUNCH</b> Dr. Ed Wirth, Dr. Paul Pennington, NOAA/HML (GML dorm porch or picnic tables)
<b>Tu, Jul 9</b>	4-6 pm	<b>SCICOMM:</b> Psychological aspects of public mistrust (Dr. Gabby Principe, CofC Psychology). GML 202
<b>W, Jul 10</b>		
<b>LAB CHECK-INS</b> (schedule to be posted)		
<b>Th, Jul 11</b>	2:30-4:15-6	<b>FIELD EXPERIENCE:</b> "Marine Communities of Charleston Harbor" Ft. Johnson Boatslip (Meier)
<b>F, Jul 12</b>		<b>DUE: SciComm video storyboard</b>

### WEEK 8

<b>M, Jul 15</b>	12-1 pm	<b>MENTOR LUNCH</b> Dr. Heather Fullerton, CofC/RITA (GML picnic tables or GML 106)
<b>Tu, Jul 16</b>	4-6 pm	<b>SCICOMM:</b> Introduction to Podcasting (Dr. Art Woods, U. of Montana). Skype, GML 202
<b>W, Jul 17</b>	2-4 pm	<b>WEBINAR:</b> NSF Graduate Research Fellowship Program Webinar (optional), GML 202
<b>Th, Jul 18</b>	4-6 pm	<b>WORKSHOP:</b> "Conservation Connection" podcast (Sarah Kathryn & Chance Ruder) GML 202
<b>F, Jul 19</b>	12-1:30 pm	<b>WORKSHOP:</b> Women and Diversity in STEM Discussion Panel
	TBA	Podcast interviews (Friday, Saturday, Sunday)
<b>Su, Jul 21</b>		<b>DUE: Blog entry 2, "Approach"</b>

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### WEEK 9

<b>M, Jul 22</b>	12-1 pm	<b>MENTOR LUNCH</b> Dr. Erik Sotka, CofC/GML (GML picnic tables or GML 106)
<b>Tu, Jul 23</b>	4-6 pm	<b>WORKSHOP:</b> Graduate School and Professional Panel (Dr. Craig Plante, CofC) GML 202
<b>W, Jul 24</b>		
<b>Th, Jul 25</b>	4-6 pm	<b>WORKSHOP:</b> Effective presentations using Powerpoint (Podolsky) <b>DUE:</b> 4 PPT SLIDES (to Podolsky)
<b>F, Jul 26</b>	4-6 pm	<b>LECTURE:</b> The State of Global Change (Michelle Hardee, USC) GML 202
<b>Su, Jul 28</b>		<b>DUE: Final SciComm video</b>

### WEEK 10

<b>M, Jul 29</b>	12-1 pm	<b>MENTOR LUNCH</b> Dr. Tony Harold, CofC/GML (GML picnic tables or GML 106)
<b>Tu, Jul 30</b>	4-6 pm	<b>SCICOMM:</b> Science of Scientific Writing (Podolsky) GML 202 <b>DUE:</b> First 2 paragraphs of ms. intro
<b>W, Jul 31</b>		
<b>Th, Aug 1</b>	4-6 pm	<b>WORKSHOP:</b> One stop help clinic (optional)
<b>F, Aug 2</b>		
<b>Sa/Su, Aug 3/4</b>	9-12 am	<b>DUE:</b> ORAL PRESENTATION PRACTICE/FEEDBACK (Podolsky)

### Week 11

<b>M, Aug 5</b>	5 pm	<b>DUE:</b> RESEARCH MANUSCRIPT DRAFT (to mentor)
<b>Tu, Aug 6</b>	5 pm	<b>DUE:</b> FINAL POWERPOINT PRESENTATION (to director)
<b>W, Aug 7</b>	9:00-noon	<b>SUMMER REU RESEARCH COLLOQUIUM</b> MRRRI Auditorium (lunch following)
<b>Th, Aug 8</b>	5 pm	<b>DUE:</b> RESEARCH MANUSCRIPT (electronic, to mentor & director), <b>FINAL SCICOMM PRODUCTS</b> (electronic, to mentor and director), <b>POST-PROGRAM SURVEYS</b>
<b>F, Aug 9</b>		REU Interns check out of dorms and depart

### Post-program

<b>August</b>	Letter to local congressional representative about your research and value of REU program
<b>August</b>	3rd Blog entry, "Findings" or "Reflections" (optional)
<b>Future</b>	Application for conference travel funds to present research, <a href="http://bioreu.org">http://bioreu.org</a> (optional)
<b>Future</b>	Please respond promptly to requests for updates!