

RET Daily Calendar for RET Summer 2017 (June 12th – July 27th) – (Final)

Abbreviations Used: Research Faculty Mentor= FM; AC = Area Coordinator; GRA = Graduate Research Assistant; RRP = RET Resource; EERP = Engineering Education Resource Person; PPT = PowerPoint

Color Legend Used for Sessions:

Intro - RET Summer Program	Evaluation	PD Session for RET	Session with CEEMS Teachers	Progress Meeting with FM & GRA
Engineering Foundations	Research Training Seminar	Write/Work Time with RET Resource Person	Conducting Research	Review of Deliverables
Presentation Rehearsal Time			Bi – Weekly Presentations	RET Fieldtrips: Research Projects 1 – 4

WEEK 1 – Summer 2017 Monday – June 12	Tuesday – June 13	Wednesday – June 14	Thursday – June 15	Friday – June 16
9:00 -9:40 AM Focus Group with Evaluator , Swift 516	9:00 AM-12:00 PM, Swift 516 Engineering Foundations	9:00 AM-12:00 PM, Swift 516 Engineering Foundations	9:00 AM-12:00 PM, Swift 516 Engineering Foundations	9:00 AM-12:00 PM, Swift 516 Engineering Foundations
9:45 – 10:15 AM RET Welcome and Overview, Computers and Parking passes, Swift 516				
10:15 -12:00 PM, Swift 516 Engineering Foundations				
Lunch 12-1	Lunch 12-1	Lunch 12-1	Lunch 12-1	Lunch 12-1
1:00 - 2:30 PM, Swift 516 Engineering Foundations	1:00 - 2:30 PM, Swift 516 Engineering Foundations	1:00 - 2:30 PM, Swift 516 Engineering Foundations	1:00 - 2:30 PM, Swift 516 Engineering Foundations	1:00 – 1:15 PM
2:45-5:30 PM, Swift 516	2:45 - 5:00 PM, Swift 516	2:45 – 3:45 PM, Swift 516	2:45 – 4:15 PM, Swift 516	• Submission of Weekly Reflective Feedback
• Intro to RET Projects and Faculty Research Mentors, Tour of Labs and visit RET Workroom	PD: Modeling Challenge Based Learning (CBL) by CEEMS Teacher, Megan Terlau – middle school science at Princeton and CEEMS Resource Team member, Jack Broering	PD: General Lab Safety Workshop by Ellen Elsbernd Completion of online Lab Safety Training Session	PD: Integrating Engineering Design Process with CBL CEEMS Teacher Thomas Smith, HS Physics teacher at Batavia HS	1:30 - 3:30 PM, Swift 516 Engineering Foundations
		4:00 -5:00 PM, CEAS Library- Baldwin PD: Seminar on Using Library Facilities at CEAS Library by Theodore Baldwin	4:30 AM – 5:15 PM, Swift 516 Research Training Prep Roadmap (AC/FM & GRA)	3:45 AM – 4:45 PM, Swift 516 Completion of online Lab Safety Training Session

WEEK 2 :Monday – June 19	Tuesday – June 20	Wed. – June 21	Thursday – June 22	Friday – June 23
<p>9:00 – 10:30 AM, Swift 516 Coaching Session /Work with RRP</p> <p>10:30 – 12:00 Noon, Swift 516 PD: Wiki Session: Create and Personalize Workshop by Denny Dupps and Jack Broering</p>	<p>9:00 AM – 12:00 Noon (Research Labs) Research Training Seminar (AC/FM & GRA)</p>	<p>9:00 -9:45 AM, Swift 516 PD: Ethics in Research Workshop by Dr. Anant Kukreti, PI</p> <p>10:00 -11:30 AM PD: Tech Writing and Presentation: Communicating Effectively by Dr. Anant Kukreti, PI</p>	<p>9:00 – 11:30 AM (Research Labs) Conducting Research/ On-going Training (AC/FM & GRA)</p> <p>11:45 AM –12:00 noon (AC/FM Office) Progress Meeting with AC/FM & GRA</p>	<p>9:00-11:40 AM, Swift 516 Time to Write/Work with RET Resource Persons (RRPs)</p> <p>11:45 AM-12:00 Noon Submission of Weekly Reflective Feedback</p>
Lunch 12-1	Lunch 12-1	Lunch 11:30 – 12:30	Lunch 12-1: Pack your lunch	Working Lunch 12-1
<p>1:00–6:00 PM (Research Labs) Research Training Seminar (AC/FM & GRA)</p>	<p>1:00 -2:30 PM, Swift 516 PD: Unit Creation and Intro to Templates by RRP</p> <p>2:45 – 3:00 PM (AC/FM Office) Progress Mtg w GRA</p> <p>3:15-6:00 PM (Research Labs) Research Training Seminar (AC/FM & GRA)</p>	<p>1:00 – 2:30 PM, Swift 516 Coaching Session (RRP)/Time to Write and Work with RRP</p> <p>2:45– 6:00 PM (Research Labs) Conducting Research/ On-going Training (AC/FM & GRA)</p>	<p>12:00– 2:00 PM Field Trip # 1: Project 1 - Richard Miller Water Treatment Plant, 5651 Kellogg Ave, 45230</p> <p>2:45– 6:00 PM (Research Labs) Conducting Research/ On-going Training (AC/FM & GRA)</p>	<p>12:00 – 1:45 PM, Swift 516 Working Lunch (provided) with past RET Teachers RRP and PI. Time for Q/A</p> <p>2:00– 6:00 PM (Research Labs) Conducting Research/ On-going Training (AC/FM & GRA)</p>
WEEK 3: Monday – June 26	Tuesday – June 27	Wednesday – June 28	Thursday – June 29	Friday – June 30
<p>9:00-12:00 noon, Swift 516 Time to Write/Work with RET Resource Persons (RRPs)</p>	<p>9:00 -11:00 AM (Research Labs) Conducting Research with (AC/FM & GRA)</p>	<p>9:00 AM-12:00 noon 1st Bi-Weekly Presentation PPT Presentation of Research and Unit</p>	<p>9:00 -10:30, Swift 516 noon Time to Write/Work with RET Resource Persons (RRPs)</p> <p>10:30 – 12:00 Noon, Swift 516 PD: Cooperative Learning and Classroom Management/CBL Units Tim Dugan</p>	<p>9:00 - 10:00 AM, Swift 516 PD: Seminar on Journal Article Writing Session 1, by Dr. Kukreti PI, Article Prep and Avenues for Publication; Presentation Prep w/PPT</p> <p>10:15 -11:45 AM, Swift 516 Time to Write/Work with RRP Info RET Poster Criteria</p> <p>11:45 AM-12:00 Noon Weekly Reflective Feedback</p>
Lunch 12-1	Lunch 12-1	Lunch 12-1	Lunch 12-1	Lunch 12 – 1
<p>1:00-6:00 PM (Research Lab)Conducting Research (with AC/FM & GRA) Research report & PPT preparation</p>	<p>1:00-1:20 PM (AC/FM Office) Progress Meeting with AC/FM & GRA</p> <p>1:30 -6:00 PM (Research Lab) Conducting Research (with AC/FM & GRA) Research report & PPT Pre</p>	<p>1:00-3:00 PM Field Trip #2: for <u>Project 2</u>: Nanoworld Lab, 413 Rhodes Hall, UC Campus</p> <p>3:15 -6:00 PM (Research Lab) Conducting Research (with AC/FM & GRA) Research report & PPT prep</p>	<p>1:15-1:30 PM (AC/FM Office) Progress Meeting with AC/FM & GRA</p> <p>1:45-6:00 PM (Research Lab) Conducting Research (with AC/FM & GRA) Research report & PPT</p>	<p>1:00 -6:00 PM (Research Lab) Conducting Research (with AC/FM & GRA) Research report & PPT preparation</p>

WEEK 4: Monday – July 3	Tuesday – July 4	Wednesday – July 5	Thursday – July 6	Friday – July 7
<p>9:00 -10:00 AM, Swift 516 Time to Write/Work with RRP - Information on RET Poster Criteria</p> <p>10:10 AM – 12:00 Noon (Research Labs) Research Training Seminar (AC/FM & GRA)</p>	<h1>HOLIDAY</h1>	<p>9:00 AM – 11:00 AM (Research Labs) Research Training Seminar (AC/FM & GRA)</p>	<p>9:00 -10:45 AM, Swift 516 Time to Write/Work with RRP - Information on RET Poster Criteria</p> <p>11:00– 12:00 PM, Swift 516 PD: Engineering Education and Research vs Engineering Design Seminar by PI, Eugene Rutz</p>	<p>Deliverable Check 9:00 -10:30 AM, Swift 516 Research Related:</p> <ul style="list-style-type: none"> Review of Research Report, Research PPT, and EDP Activity (with AC/FM & GRA) <p>10:30 AM-12:00, Swift 516 Unit Related:</p> <ul style="list-style-type: none"> Review of Unit Template, Poster, Unit PPT (with PI & RRP)
Lunch 12-1		Lunch 12-1	Lunch 12-1	Lunch 12-1
<p>1:00-1:20 PM (AC/FM Office) Progress Meeting with AC/FM & GRA</p> <p>1:30-6:00 PM (Research Lab) Conducting Research (with AC/FM & GRA)</p>		<p>12:00 noon – 2:30 PM Field Trip #3: Project 3 – UVA Masters Lab, 2830 Victory Pwy# 320, Cincinnati, 45206</p> <p>2:45 -6:00 PM (Research Lab) Conducting Research (with AC/FM & GRA)</p>	<p>1:00-1:20 PM (AC/FM Office) Progress Meeting with AC/FM & GRA</p> <p>1:30 -6:00 PM (Research Lab) Conducting Research (with AC/FM & GRA)</p>	<p>1:00 -1:15 PM</p> <ul style="list-style-type: none"> Submission of Weekly Reflective Feedback <p>1:30-6:00 PM (Research Lab) Conducting Research (with AC/FM & GRA)</p>
WEEK 5: Monday – July 10	Tuesday – July 11	Wednesday – July 12	Thursday – July 13	Friday – July 14
<p>9:00 AM-10:15 AM, Swift 516, Time to Write/Work with RRP</p> <p>10:30-12:00 Noon, Swift 516 PD: Basic Video Making Using Microsoft Power Point by Denny Dupp</p>	<p>9:00-11:00 AM, Swift 516 PD: Poster and Power Point Creation Workshop by Pam Truesdell</p> <p>11:15 AM -12:00 PM, Swift 516 Time to Write/Work with RRP - Information on RET Video Criteria provided</p>	<p>9:00-11:00 AM, Swift 516 Draft Poster Eval Session with PI & RRP</p> <p>11:10 AM-12:00 PM, Swift 516 PD: Seminar on Journal Article Writing Session 2: by PI, Dr. Kukreti - FB on PPT; Outlining a Journal Article</p>	<p>9:00 -12:00 PM, Swift 516 Time to Write/Work with RRP</p>	<p>9:00 AM-12:00 PM, Swift 516 2nd Bi-Weekly Presentations PowerPoint Presentation of Research & Classroom Unit Poster Progress</p>
Lunch 12-1	Lunch 12-1	Lunch 12-1	Reflective Lunch 12 -1	Lunch 12-1
<p>1:00-6:00 PM (Research Lab) Conducting Research (with AC/FM & GRA)</p>	<p>1:00-1:20 PM (AC/FM Office) Progress Meeting with AC/FM & GRA</p> <p>1:30-6:00 PM (Research Lab)Conducting Research (with AC/FM & GRA)</p>	<p>1:00 -6:00 PM (Research Lab) Conducting Research (with AC/FM & GRA)</p>	<p>1:00-1:20 PM (AC/FM Office) Progress Meeting with AC/FM & GRA</p> <p>1:30-6:00 PM (Research Lab)Conducting Research (with AC/FM & GRA)</p>	<p>1:00 -1:15 PM</p> <ul style="list-style-type: none"> Submission of Weekly Reflective Feedback <p>1:30-6:00 PM (Research Lab)Conducting Research (with AC/FM & GRA)</p>

WEEK 6: Monday – July 17	Tuesday – July 18	Wednesday – July 19	Thursday – July 20	Friday – July 21
<p>9:00 -10:15 AM, Swift 516 Work on Deliverables with RRP</p> <p>10:30 AM – 12:00 noon, Swift 516 PD: Video Session 2: Video Completion Using Multimedia Resources, by Denny Dupps</p>	<p>9:00 -10:15 AM, Swift 516 Work on Deliverables with RRP</p> <p>10:15 AM -12:00 PM (Research Lab) Conducting Research (with AC/FM & GRA)</p>	<p>Deliverable Check 9:00 -10:15 AM, Swift 516 Research Related: Review of Research Report, Research PPT, and EDP Activity (with AC/FM & GRA) 10:15 -12:00 noon, Swift 516 Unit Related: Review of Unit Template, Poster, Unit PPT (with PI & RRP)</p>	<p>9:00 -10:15 AM, Swift 516 Time to Write/Work with RRP</p> <p>10:30-12:00 Noon, Swift 516 PD: Video Session 3: Video Making Using Microsoft Windows Live Movie Maker Workshop by Denny Dupps</p>	<p>9:00 AM-12:00 noon, Swift 516 Work on Deliverables with RRP</p>
Lunch 12-1	Lunch 12-1	Lunch 12 - 1	Lunch 12-1	Lunch 12-1
<p>1:00 – 3:00 AM, Swift 516 PD: Strategies for Effective CBL Unit: Time Management and Student Grouping, by Tom Vinciguerra, CEEMS Resource Team Member and CEEMS Teacher, Stephanie Stewart, middle school science, Bridgetown Middle School 3:00-6:00 PM (Research Lab) Conducting Research (with AC/FM & GRA)</p>	<p>1:00-1:20 PM (AC/FM Office) Progress Meeting with AC/FM & GRA 1:30-6:00 PM (Research Lab) Conducting Research (with AC/FM & GRA)</p>	<p>1:45 – 3:00 PM Field Trip # 4: Project 4 - Southwest Ohio Air Quality Agency, 250 William Howard Taft Rd. 45219 3:15-6:00 PM (Research Lab) Conducting Research (with AC/FM & GRA)</p>	<p>1:00-1:20 PM (AC/FM Office) Progress Meeting with AC/FM & GRA 1:30-6:00 PM (Research Lab) Wrap-up research, Team Research Report, Research PPT with Individual Unit portion of PPT and NSF Summary Report (with AC/FM & GRA)</p>	<p>1:00 -1:15 PM Submission of Weekly Reflective Feedback 1:30-6:00 PM (Research Lab) Wrap-up research, Team Research Report, Research PPT with Individual Unit portion of PPT and NSF Summary Report (with AC/FM & GRA)</p>

WEEK 7: Monday – July 24	Tuesday – July 25	Wednesday – July 26	Thursday – July 27	Friday – July 28
<p>9:00 AM-10:30 AM, Swift 516 Final Deliverable Check & Approval Review of Research Related Deliverables</p> <ul style="list-style-type: none"> Final Review and Approval of Team Research Report and Team PPT, (with AC/FM & GRA) <p>10:30 AM-12:00 Review of Unit Related Deliverables:</p> <ul style="list-style-type: none"> Final Review and Approval of Individual Unit Template, Individual Teacher Poster, Individual Unit Portion of PPT (with PI & RRP) Submission of deliverables (on flash drive) & getting checked for compliance 	<p>9:00 – 10:30 AM, Swift 516 Submit following to RRP:</p> <ul style="list-style-type: none"> 3 - 6 copies of Final Project Report Posters for Printing <p>10:45 – 11:30 AM, Swift 516 PD Revisit Templates – Post Implementation, by RRP</p> <p>10:00 AM-12:00 PM, Swift 516 Report Delivered to Judges by GRAs</p>	<p>9:00 AM-12:00 PM, Baldwin 756 Free time for presentation rehearsal</p>	<p>8:00 AM-4:00 PM (Location TBA) Final Day Presentations:</p> <ul style="list-style-type: none"> 8:00-9:30 AM - Continental Breakfast & Poster Display and Judging 9:30-12:30 AM: PPT Presentations and Judging 12:30 -1:30 PM: Lunch 1:45 - 3:45 PPT Presentations and Judging 3:45 -4:00: Awards & Closing Remarks 	
Lunch 12-1	Lunch 12-1	Lunch 12-1	Final Day Lunch 12:30-1:30	
<p>1:00-6:00 PM, Swift 516 Print Project Report Copies for Judges Finish Team PPT with both Research and (individual) Unit components</p>	<p>1:00-6:00 PM, Swift 516 Free time to finish NSF Summary Report and Submit for review to AC/FM & GRA</p>	<p>1:00 – 6:00 PM , Baldwin 756 Free time for presentation rehearsal AND/OR</p> <p>1:00-6:00 PM Finalize NSF Summary Report</p>	<p>4:00: - 4:45 PM, Baldwin 756 Post RET Evaluations with Evaluation Team</p> <ul style="list-style-type: none"> Post RET Focus Group Satisfaction Survey Efficacy Survey <p>4:45 – 5:15 PM Clean-up and keys returned</p>	