

2009 RET Site Calendar

Week 1: June 22 nd	23 rd	24 th	25 th	26 th
8:00-8:30 <ul style="list-style-type: none"> • Breakfast • Meet and Greet 8:30- 9:30 <ul style="list-style-type: none"> • Pre-Evaluation • Dr. Cathy Maltbie 435 ERC	8:00-12:00 Research with Advisor & RA <u>LUNCH</u> 1:00-3:00 Meeting time with Andrea Burrows, Ken Maxwell, and Xiaoyin Li (Coordinators) <ul style="list-style-type: none"> • Q&A – Check sheet Review • Reflective Feedback • RET data • Computer set up • RET Room set up • Troubleshooting 641 Baldwin Hall 3:00-5:00 General Seminars on Use of Facilities and Resources <ul style="list-style-type: none"> • RET Website Use: Basics (1 Hour) • Lab Safety Web-based Training (1 Hour) 641 Baldwin Hall	8:00-12:00 Research with Advisor & RA <u>LUNCH</u> 3:00-5:00 Professional Engineering Workshop Energy <ul style="list-style-type: none"> • Project # __2a__ GA – Feng Wang 641 Baldwin Hall 3:00-5:00 <ul style="list-style-type: none"> • Engineering Education Dr. Miller 641 Baldwin Hall	8:00-11:00 <ul style="list-style-type: none"> • Technical Writing & Presentation Workshop (w/REU – 1 st) 850D Baldwin Hall 11:00-12:00 Research with Advisor & RA <u>LUNCH</u> 1:00-2:00 <ul style="list-style-type: none"> • Pre-engineering - Introduction to Engineering and Engineering Technology (1 session) 2:00-5:00 <ul style="list-style-type: none"> • Pre-Engineering - Working in Teams & Managing Time (3 sessions) 641 Baldwin Hall	8:00-11:00 <ul style="list-style-type: none"> • Seminar on On-Line Search Using the Library Facilities (w/REU – 2 nd) 850D Baldwin Hall 11:00-12:00 <ul style="list-style-type: none"> • Do Reflective Feedback for the week 641 Baldwin Hall 12:00-1:00 Project Luncheon Meeting 1:00-3:00 Professional Engineering Workshop Water Mr. Alan Vicory (ORSENCO) <ul style="list-style-type: none"> • Project # __1__ Dr. Sorial 643 Baldwin Hall 3:00-5:00 <ul style="list-style-type: none"> • Group discussion; Lesson idea collaboration time 643 Baldwin Hall
Week 2: June 29 th	30 th	July 1 st	2 nd	3 rd
8:00-9:30 Research with Advisor & RA 9:30-12:30 <ul style="list-style-type: none"> • Ethics in Engineering Research Dr. Dan Oerther (w/REU – 3 rd) 641 Baldwin Hall CANCELED <u>LUNCH</u> 1:30-3:00 <ul style="list-style-type: none"> • Science Misconceptions Andrea Burrows 641 Baldwin Hall 3:00-5:00 Education Seminar <ul style="list-style-type: none"> • Units, Lessons, & State Standards 	8:00-12:00 Research with Advisor & RA <u>LUNCH</u> 1:00-2:00 <ul style="list-style-type: none"> • Time for Preparation 2:00-5:00 <ul style="list-style-type: none"> • Pre-Engineering – Engineering Design (3 sessions): The Design Process, Evaluating Alternatives, & Applying the Process 641 Baldwin Hall	8:00-12:00 Research with Advisor & RA <u>LUNCH</u> 1:00-3:00 Education Seminar <ul style="list-style-type: none"> • Unit expansion • Goals/Objectives • Activities • Resources • Diversity 641 Baldwin Hall 3:00-5:00 Professional Engineering Workshop Nano-Structured Composite Materials <ul style="list-style-type: none"> • Project # __3__ Dr. Abot 641 Baldwin Hall	8:00-9:30 Bi-weekly Presentations <ul style="list-style-type: none"> • Presentation of Research 9:30-10:30 <ul style="list-style-type: none"> • Presentation of Lesson Preparation 10:30-11:30 Social Hour 641 Baldwin Hall <u>LUNCH</u> 12:30-1:30 Professional Engineering Workshop Nanotechnology Lab Tour <ul style="list-style-type: none"> • Project # __2b__ Dr. Shanov 641 Baldwin Hall	Holiday – No Meeting

<ul style="list-style-type: none"> Research Experience Classroom Connection 641 Baldwin Hall			1:30-2:30 <ul style="list-style-type: none"> Do Reflective Feedback for the week 641 Baldwin Hall	
			2:30-5:00 <u>Research with Advisor & RA</u>	
Week 3: July 6th	7th	8th	9th	10th
8:00-9:00 <u>Research with Advisor & RA</u>	8:00-12:00 <ul style="list-style-type: none"> Poster Making Andrea Burrows Dr. Anant Kukreti (w/REU – 4 th) 860D Baldwin Hall	8:00-10:00 <u>Research with Advisor & RA</u>	8:00-12:00 <u>Research with Advisor & RA</u>	8:00-11:00 <u>Research with Advisor & RA</u>
9:00-12:00 <ul style="list-style-type: none"> Ethics in Engineering Research Dr. Dan Oerther (w/REU – 3 rd) 641 Baldwin Hall	LUNCH	10:00-12:00 Professional Engineering Workshop Traffic Sudhir Reddy Itekyala and Qingyi Ai <ul style="list-style-type: none"> Project # __5__ Dr. Wei 641 Baldwin Hall	LUNCH	11:00-12:00 <ul style="list-style-type: none"> Do Reflective Feedback for the week 641 Baldwin Hall
LUNCH	1:00-5:00 Pre-Engineering	LUNCH	1:00-3:30 Participation in Project STEP <ul style="list-style-type: none"> 2 RET Teams (3, 4) 2 Fellows 641 Baldwin Hall	12:00-1:30 Project Luncheon Meeting 641 Baldwin
1:00-3:30 Education Seminar <ul style="list-style-type: none"> Art/Science of Teaching 5 E's Critique RET lessons 641 Baldwin Hall	<ul style="list-style-type: none"> Principles of Civil Engineering (2 sessions) Energy Use and Carbon Footprint of Structures (3 sessions) 641 Baldwin Hall	LUNCH	3:30 – 5:00 Pre-Engineering Seminar- Technical Communication (1.5 sessions) <ul style="list-style-type: none"> Presentations Using Excel 641 Baldwin Hall	1:30-3:30 Education Seminar <ul style="list-style-type: none"> Restructure lessons with 5 E's 641 Baldwin Hall
3:30-5:00 Participation in Project STEP <ul style="list-style-type: none"> 2 RET Teams (1, 2) 1 Fellow 641 Baldwin Hall		2:00-5:00 <ul style="list-style-type: none"> Field Trip 1 to Greater Cincinnati Water Works 		3:30-5:00 Participation in Project STEP <ul style="list-style-type: none"> 2 RET Teams (5, 6) 2 Fellows 641 Baldwin Hall
Week 4: July 13th	14th	15th	16th	17th
8:00-12:00 <u>Research with Advisor & RA</u>	8:00-12:00 <u>Research with Advisor & RA</u>	8:00-12:00 <u>Research with Advisor & RA</u>	8:00-12:00 Time to write research and classroom implementation plan reports with group in RET Baldwin rooms.	8:00-11:00 <u>Research with Advisor & RA</u>
LUNCH	LUNCH	LUNCH	LUNCH	11:00-12:00 <ul style="list-style-type: none"> Do Reflective Feedback for the week
1:00-3:00 Education Seminar <ul style="list-style-type: none"> Lesson Sharing Critique Discussion ORC Resources STEP lesson format 641 Baldwin Hall	1:00-3:30 <ul style="list-style-type: none"> Time for Preparation 	1:00-2:00 <ul style="list-style-type: none"> Time for Preparation 	LUNCH	1:00-2:30 Bi-weekly Presentations <ul style="list-style-type: none"> Presentation of Research
3:00-5:00 Pre Engineering Seminar – Chemical Engineering (2 Sessions) <ul style="list-style-type: none"> Principles of Chemical Engineering 641 Baldwin Hall	3:30-5:00 Pre-Engineering Seminar - Problem Solving Strategies (1.5 sessions) <ul style="list-style-type: none"> Creativity Product Dissection 641 Baldwin Hall	2:00-5:00 <ul style="list-style-type: none"> Field Trip 2 to Advanced Regional Traffic Interactive Management & Information System (ARTIMIS) Lab (Transportation) 	1:00-5:00 Pre-Engineering Seminar - Mechanical Engineering (4 sessions) <ul style="list-style-type: none"> Principles of Mechanical Engineering Project 641 Baldwin Hall	2:30-4:00 <ul style="list-style-type: none"> Presentation of Lesson Preparation
				4:00-5:00 <ul style="list-style-type: none"> Social Hour 641 Baldwin Hall

Week 5: July 20 th	21 st	22 nd	23 rd	24 th
8:00-10:00 Research with Advisor & RA 10:00-12:00 <ul style="list-style-type: none"> Poster Preparation Training 2: Presentation of Sample Poster by Teams & Feedback Andrea Burrows Dr. Anant Kukreti (w/REU – 5 th) 860D Baldwin Hall <u>LUNCH</u> 1:00-4:00 Pre-Engineering Seminar - Electrical Engineering (3 sessions) <ul style="list-style-type: none"> Principles of Electrical Engineering Project 4:00-5:00 Pre-Engineering Seminar - Materials Science & Engineering (1 session) <ul style="list-style-type: none"> Principles of Materials Engineering 641 Baldwin Hall	8:00-12:00 Research with Advisor & RA <u>LUNCH</u> 1:00-3:00 Pre-Engineering Seminar - Materials Science & Engineering (2 sessions) <ul style="list-style-type: none"> Project 641 Baldwin Hall 3:00-5:00 Time for Preparation (Possible Engineer Guest Speaker)	8:00-12:00 Free time to write research and classroom implementation plan reports <u>LUNCH</u> 1:00-2:00 Time for Preparation 2:00-5:00 <ul style="list-style-type: none"> Field Trip 3 to Hamilton County Department of Environmental Services Labs (Air Pollution) 	8:00-12:00 Research with Advisor & RA <u>LUNCH</u> 1:00-3:00 Education Seminar <ul style="list-style-type: none"> Grant Writing 641 Baldwin Hall 3:00-5:00 Professional Engineering Workshop Earthquakes Mr. Elad Kivelevitch <ul style="list-style-type: none"> Project # __6__ Dr. Cohen 641 Baldwin Hall	8:00-11:00 Research with Advisor & RA 11:00-12:00 <ul style="list-style-type: none"> Do Reflective Feedback for the week 12:00-1:30 Project Luncheon Meeting 641 Baldwin Hall 1:30-3:30 Professional Engineering Workshop Air Mr. Ken Egell <ul style="list-style-type: none"> Project # __4__ Dr. Lu 641 Baldwin Hall 3:30-5:00 Participation in Project STEP <ul style="list-style-type: none"> Group discussion; Lesson idea collaboration time 641 Baldwin Hall
Week 6: July 27 th	28 th	29 th	30 th	31 st
8:00-12:00 Research with Advisor & RA <u>LUNCH</u> 1:00-3:00 Pre-Engineering Seminar (2 sessions) <ul style="list-style-type: none"> Engineering Tools – An Overview Technology and Society – Impact & Sustainability 641 Baldwin Hall 3:00-5:00 Work Time: <ul style="list-style-type: none"> Finalize Reports - Research - Classroom Finalize Posters - Research - Classroom 	8:00-12:00 Research with Advisor & RA <u>LUNCH</u> 1:00-5:00 Meeting time (Coordinators) <ul style="list-style-type: none"> Deliver CD/DVD including: <ul style="list-style-type: none"> - Research Report - Research Poster - Research Presentation - Classroom Report - Classroom Poster - Classroom Lesson Presentation - Pictures Clean RET rooms 641 Baldwin Hall	8:00-12:00 Written reports due by 10:00 am (to 765 Baldwin STEP mailbox) - to be hand delivered to judges <u>LUNCH</u> 1:00-3:00 Education Seminar <ul style="list-style-type: none"> Publication & Presentation Opportunities Art of Presenting 641 Baldwin Hall 3:00-5:00 <ul style="list-style-type: none"> Poster Printing Finalize Presentations 	8:00-11:00 Rehearsal <ul style="list-style-type: none"> Practice for final research and lesson presentations 11:00-12:00 <ul style="list-style-type: none"> Do Reflective Feedback for the week <u>LUNCH</u> 1:00-4:00 <ul style="list-style-type: none"> Post RET Evaluations and Focus Group 405 ERC 4:00-5:00 <ul style="list-style-type: none"> Time for Preparation 	8:00-5:00 Final Day Presentations <ul style="list-style-type: none"> See Below for Agenda 427 ERC
July 31st				
Final-Day Presentations				