

CALENDAR

Grass Roots GK12 2014 Schedule

Week 1					
	Monday	Tuesday	Wednesday	Thursday	Friday
Time	7-Jul	8-Jul	9-Jul	10-Jul	11-Jul
	Breakfast 8:30-9:00am Olin Hall 216	Breakfast 8:30-9:00am Olin Hall 216	Breakfast 8:30-9:00am Olin Hall 216	Breakfast 8:30-9:00am Olin Hall 216	Breakfast 8:30-9:00am Olin Hall 216
9:00am	Welcome by Paulette Clancy 9:00-9:30am Olin Hall 216	Lecture by Jason Boock "Lignocellulosic biomass degradation for biofuel application" 9:00-10:00am Olin Hall 216	Fellow Research Overview Erik Huber, Rohit Singh 9:00-10:00am Olin Hall 216	Faculty Lecture by Susan Daniel "Algae Biofuel for a Sustainable Future" 9:00-10:00am Olin Hall 216	Pedagogy Lecture by Jim Overhiser "Interactive Lecture Demonstrations (ILDs)" 9:00-10:00am Olin Hall 216
10:00am	Fellows Outreach Activity for Teachers 9:30-11:30am Olin Hall 216	Teacher & Fellow: Discussion on Teacher Presentations 10:00-12:00pm Olin Hall 216	Begin Research - Project intro - Lab-specific training	Module Development 10:00-12:00pm Olin Hall 216	Teacher Presentation Prep Time 10:00-12:00 Olin Hall 216
11:00am					
	Lab Tour: Bob 11:30-12:00pm				
12:00pm	Lunch: Fellows take teachers out for lunch 12:00-1:30pm Various locations	Lunch 12:00-1:00pm	Lunch 12:00-1:00pm	Lunch 12:00-1:00pm	Lunch 12:00-1:00pm
1:00pm					
	Travel Time (15min) ---	Lab Tours: Linxiao and Rohit 1:15-2:30pm Meet at Olin Hall 307			
	Lab Tour: Corinne 1:45-2:15pm ---				
2:00pm	Travel Time (15min)				
	Faculty Lecture by Jeff Tester "Making sustainable energy choices when everything matters" 2:30-3:30pm Olin Hall 216	Safety Training by Ralph Stuart 2:30-4:00pm Olin Hall 216	Research	Research	Research
3:00pm					
	Paperwork by Barbara Warner 3:30-4:30pm Olin Hall 216				
4:00pm					
	Head over to restaurant				

Week 2					
	Monday	Tuesday	Wednesday	Thursday	Friday
Time	14-Jul	15-Jul	16-Jul	17-Jul	18-Jul
	Breakfast 8:30-9:00am Olin Hall 216	Breakfast 8:30-9:00am Olin Hall 216	Breakfast 8:30-9:00am Olin Hall 216	Breakfast 8:30-9:00am Olin Hall 216	Breakfast 8:30-9:00am Olin Hall 216
9:00am	India Teachers Presentations by Ms. Salunke and Ms. Vazhapilly 9:00-10:00am Olin Hall 216	Fellow Research Overview Linxiao Chen, Joe Wayman 9:00-10:00am Olin Hall 216	Teacher Presentations 9:00-10:00am Olin Hall 216	Faculty Lecture by Paulette Clancy "Natural Gas Hydrates: Clean Energy Source or Environmental Disaster?" 9:00-10:00am Olin Hall 216	Lecture by Michelle Kortenaar (Rhaca Sciencenter) "Informal Science Education" 9:00-10:00am Olin Hall 216
10:00am	Module Development 10:00-12:00pm Olin Hall 216	Research	Research	Module Development 10:00-12:00pm Olin Hall 216	Teacher Presentation Prep Time 10:00-12:00 Olin Hall 216
11:00am					
12:00pm	Lunch 12:00-1:00pm	Lunch 12:00-1:00pm	Lunch 12:00-1:00pm	Lunch 12:00-1:00pm	Lunch 12:00-1:00pm
1:00pm	Research	Research	Research	Research	Research
2:00pm					
3:00pm	Research	Gather and walk to NW edge of Beebe Lake near Noyes Lodge	Research	Research	Research
		Tour - Hydro Electric Plant by Frank Perry 3:30-4:30pm			
4:00pm		*Note: Wear walking clothes + closed toe shoes			

Week 3					
	Monday	Tuesday	Wednesday	Thursday	Friday
Time	21-Jul	22-Jul	23-Jul	24-Jul	25-Jul
	Breakfast 8:30-9:00am Olin Hall 216	Breakfast 8:30-9:00am Olin Hall 216	Breakfast 8:30-9:00am Olin Hall 216	Breakfast 8:30-9:00am Olin Hall 216	Breakfast 8:30-9:00am Olin Hall 216
9:00am	Fellow Research Overview Robert Bell, Tiffany Williams 9:00-10:00am Olin Hall 216	Faculty Lecture by Mike Thompson "The Physics of Photovoltaic Materials" 9:00-10:00am Olin Hall 216	Teacher Presentations 9:00-10:00am Olin Hall 216	Faculty Lecture by Tobias Hanrath "Community Based Solar Energy" 9:00-10:00am Olin Hall 216	Pedagogy Lecture by Jim Overhiser "Argumentative Learning" 9:00-10:00am Olin Hall 216
10:00am	Module Development 10:00-12:00pm Olin Hall 216	Research	Lab Tour: Cornell Nanofabrication Facility by Mike Skvarla 10:15-12:00pm Duffield Hall 250 *Note: Require long pants and closed toe shoes	Module Development 10:00-12:00pm Olin Hall 216	Lecture by Tim Bond "Solar cooking + sustainable electricity generation projects" 10:00-11:30am Thurston Hall Basement
11:00am					
12:00pm	Lunch 12:00-1:00pm	Lunch 12:00-1:00pm	Lunch 12:00-1:00pm	Lunch 12:00-1:00pm	Lunch: Solar Oven Cooked Lunch 11:30-12:30pm
1:00pm	Research	Research	Research	Research	Teacher Presentation Prep Time 1:00-2:00pm Olin Hall 216
2:00pm					
3:00pm					Travel to solar farm site near Ithaca Airport
4:00pm			Panel discussion on interdisciplinary STEM research and education 3:30-4:30pm Location: TBD		Tour - Solar Farm by Tobias Hanrath *Note: Require closed toe shoes & hard hats

Week 4					
	Monday	Tuesday	Wednesday	Thursday	Friday
Time	28-Jul	29-Jul	30-Jul	31-Jul	1-Aug
	Breakfast 8:30-9:00am Olin Hall 216		Breakfast 8:30-9:00am Olin Hall 216	Breakfast 8:30-9:00am Olin Hall 216	Breakfast 8:30-9:00am Olin Hall 216
9:00am	Fellow Research Overview Angela Stelson, Corinne Kingsley 9:00-10:00am Olin Hall 216	Breakfast 9:00-9:30am 374 Wilson Lab Faculty Lecture by Ken Finkelstein "CHESS (Cornell High Energy Synchrotron Source): A Powerful X-Ray Source to Advance Science and Education" 9:30-10:30am 374 Wilson Lab	Teacher Presentations 9:00-10:00am Olin Hall 216	Faculty Lecture by Chekeshia Liddell Watson "Atypical slab photonic crystals for light control" 9:00-10:00am Olin Hall 216	Pedagogy Lecture by Jim Overhiser "Teaching with Youtube" 9:00-10:00am Olin Hall 216
10:00am	Module Development 10:00-12:00pm Olin Hall 216	Tour - CHESS by Ken Finkelstein 10:30-12:00pm *Note: Wear walking clothes and closed toe shoes	Research	Module Development 10:00-12:00pm Olin Hall 216	Teacher Presentation Prep Time 10:00-12:00 Olin Hall 216
11:00am					
12:00pm	Lunch 12:00-1:00pm	Lunch 12:00-1:00pm	Lunch 12:00-1:00pm	Lunch 12:00-1:00pm	Lunch 12:00-1:00pm
1:00pm	Research	Research	Research	Research	Research
2:00pm					
3:00pm					
4:00pm					

	Week 5				
	Monday	Tuesday	Wednesday	Thursday	Friday
Time	4-Aug	5-Aug	6-Aug	7-Aug	8-Aug
	Breakfast 8:30-9:00am Olin Hall 216	Breakfast 8:30-9:00am Olin Hall 216	Breakfast 8:30-9:00am Olin Hall 216	Breakfast 8:30-9:00am Olin Hall 216	Poster Session Preparation Rhodes Lounge (Olin 128)
9:00am	Module Development 9:00-11:00am Olin Hall 216	Faculty Lecture by Abe Stroock "Drinking like trees" 9:00-10:00am Olin Hall 216	Teacher Presentations 9:00-10:00am Olin Hall 216	Activity Demonstration 9:00-11:00am Olin Hall 216	
10:00am					
11:00am	Research	Research	Research	Print Poster	Poster Session 11:00 - 12:30pm Rhodes Lounge
12:00pm	Lunch 12:00-1:00pm	Lunch 12:00-1:00pm	Lunch 12:00-1:00pm	Lunch 12:00-1:00pm	Lunch 12:30-2:00pm Rhodes Lounge
1:00pm				Print Poster	Wrap-Up Session and Reception 2:00 - 4:30 pm Rhodes Lounge
2:00pm					
	Research	Research	Research	Travel to Sciencenter	
3:00pm					SCIENCENTER SHOW by Angela Stelson
4:00pm					