



STEM DIGITAL

STEM Digital Images in Geoscience Investigations:
Teaching Analysis with Light



2012 Institute Agenda*

	Mon., June 25	Tues., June 26	Wed., June 27	Thur., June 28	Fri., June 29
	Geometry/Intensity	Color/Air quality	Time/Ozone	Arsenic	Water/Careers
8:30 AM	Coffee and Registration Lobby of ISB	Coffee	Coffee	Coffee	Coffee
9:00 AM	Welcome ADI in classrooms (Jennifer) Overview (Mort) Length and Area of a leaf (Mort)	Color basics – light; ADI color, image basics (Rob) Aiptasia (Jennifer)	Academic Year plan (Holly) Video - Movie Tracker, falling objects (Steve)	Arsenic (Julian)	Water quality (David)
10:30	Break	Break	Break	Break	Break
10:45 AM	Lengths – diffusion (Jennifer) Angles (Steve)	Making ozone strips (Hasbrouck 212) (Debbie, Steve)	Video, cont. Ozone (Steve, Debbie)	Arsenic	Water quality
12:00 PM	Lunch /albedo photos	Lunch	Lunch / ozone strips	Lunch	Lunch Evaluators Visit
1:00 PM	Intensity – albedo (Mort) <i>Brainstorm geometry, intensity</i>	CO ₂ Experiments (Steve, Debbie)	Ozone	Arsenic	Careers – presentation, breakout (Mort)
3:00	Break/photos	Break	Break	Break	
3:15 PM	Water quality (Dave)	<i>Brainstorm - color</i> CO ₂ presentation	Time lapse - Chemical Oscillations (Melanie)	Arsenic Arsenic lab tour	
4:00 PM			<i>Brainstorm time</i>	<i>Brainstorm – more ideas</i>	
5:00 PM	Homework - faces	Water lab tour BBQ at 6			

* Times are subject to change. Except as noted Tuesday morning, all sessions are in the Integrated Sciences Building.