



REU –SUMMER 2008

For all events, lunches and tours, the meeting place will be at Bowen Hall unless otherwise specified; Schedule Subject to Change

WEEK 1

Monday June 9, 2008

- 9.15-10.00 Registration: Breakfast and Picture session
10.00-11.00 Orientation: Brief talks by:
PRISM Director Prof. James Sturm
PCCM Director Prof. Rick Register
MIRTHE Director Prof. Claire Gmachl
PCCM Education Outreach Director Dr. Daniel Steinberg
followed by brief orientation of the REU Program by Prof. Jay Benziger
11.00-12.00 Talk by Prof. Emily Carter
Topic: Protecting Metals via Computational Design
12.00 Lunch & back to labs with faculty/mentors

Tuesday June 10, 2008

- 10.30-11.30 Imaging and Analysis Center -Dr. Nan Yao-PRISM
11.30-12.00 Processing and Properties Lab Tour, Bowen Hall – Prof. George Scherer
12.00- 1.00 Lunch
1.00- 3.00 Lab Safety Training – Jim Boehlert (Auditorium)
3.00- 4.00 Laser Safety Training – Steve Elwood (Auditorium)
3.00- 4.00 Biosafety Training – Don Robasser (Conference Room)

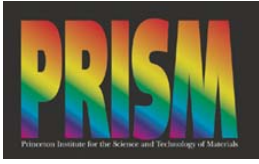
Thursday June 12, 2008

- 10.30-11.15 Chemistry – Cava Lab tour by Grad Student – *Meet in [Frick Lab Lobby](#)*
11.30-12.00 OIT Network and Computing Information Session – *[Bowen Hall](#)*
12.00- 1.00 Lunch
1.00- 1.30 PHYSICS- Lab tour of Prof. Robert Austin's Lab

Friday, June 13, 2008

- 10.30-12.00 Brief Talk and Tour of Campus with Prof. George Scherer – *Meet in [Friend Center Auditorium Room 101](#)*
Topic: Materials Issues in the Conservation of Art
12.00- 1.00 Lunch – *[Outside Friend Center Auditorium](#)*

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WEEK 2

No events

WEEK 3

Thursday June 26, 2008

**11.00-12.00 Short Course by Prof. Jay Benziger
Topic: Fuel Cells Part 1**

12.00- 1.00 Lunch

Friday, June 27, 2008

**11.00-12.00 Short Course by Prof. Jay Benziger
Topic: Fuel Cells Part 2**

12.00- 1.00 Lunch

WEEK 4

Tuesday July 1, 2008

**10.30-12.00 Short Course by Prof. Claire Gmachl
Topic: Materials, Lasers & Detectors**

12.00- 1.00 Lunch

Wednesday, July 2, 2008

**10.30-12.00 Short Course by Claire Gmachl
Topic: Using your data to make good graphs**

12.00- 1.00 Lunch

WEEK 5

No events



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WEEK 6

Thursday July 17, 2008

11.00-12.00 Short Course by Prof. Robert Prud'homme
Topic: Polymers and Particles for Medical Applications
12.00- 1.00 Lunch

Friday, July 18, 2008

11.00-12.00 Short Course by Prof. Robert Prud'homme
Topic: Polymers and Particles for Medical Applications
12.00- 1.00 Lunch

WEEK 7

Monday, July 21, 2008

9:45-12.00 PPPL Tour

Thursday, July 24, 2008

2.00-3.30 Sensors Unlimited Tour

WEEK 8

Tuesday, July 29, 2008

2.00-3.45 Movie "The Day after Trinity"
3.45-4.15 Informal discussion with Prof. Jay Benziger

WEEK 9

August 4-8, 2008

FINAL Report Submission & Presentations by REU participants