



## REU –SUMMER 2005

*All events will be held at Bowen Hall unless otherwise specified*

### Monday June 6, 2005

- 9.30-10.00 Registration :Breakfast and Picture session  
10:00-11.00 Orientation : Brief talk by PRISM Director, Prof. James Sturm and PCCM Director, Prof. Ravindra Bhatt followed by brief orientation of the REU Program by Prof. Jay Benziger  
11:00-12.00 Talk by Prof. Steve Forrest  
*Topic: Organic Electronics*  
12:00 Lunch & back to Labs with Faculty/mentors

### Wednesday June 8, 2005

- 10.45-12.00 Orange Key Tour of the Princeton Campus  
12.00- 1.00 Lunch  
1.00- 1.45 Imaging and Analysis Center -Dr. Nan Yao-PRISM  
1.45- 2.15 Processing and Properties Lab, Bowen Hall – John Valenza

### Thursday June 9,2005

- 10.30-11.15 Chemistry Lab- Central Facilities, Lobby, Frick Lab – Dr. John Eng  
11.15-12.00 Chemistry – Cava Lab tour by Grad Student Katherine Holman  
12:00- 1.00 Lunch  
1.00- 3.00 Lab Safety Training - Robin Izzo  
3.00- 4.00 Laser Safety Training- Robin Izzo

### Friday, June 10,2005

- 10.30-11.00 Ceramics Materials Lab tour, E-Quad G106/108 – Dr. Dan Dabbs  
11.00-12.00 Lab tour of Electrical Engineering: Prof. Steve Forrest's Lab by Grad Student  
12:00- 1.00 Lunch  
1:00- 1.30 PHYSICS-Lab tour of Prof. Nai Phuan Ong's Lab by Dr. Minhyea Lee  
1.30- 2.00 PHYSICS-Lab tour – Prof. Robert Austin

### Thursday June 16,2005

- 11.00-12.00 Talk by Prof. D.Srolovitz  
Topic "Why do crystals have the shapes they do"  
12.00- 1.00 Lunch

**Friday June 17,2005**

10.30-12.00 George Scherer – Architectural tour  
12 onwards Lunch

**Monday June 20,2005**

11.00-12.00 Short course by Prof. Robert Prud'homme  
Topic : Polymer solutions  
12.00- 1.00 Lunch

**Tuesday June 21,2005**

11.00-12.00 Short course by Prof. Robert Prud'homme  
Topic : Polymer solutions  
12.00- 1.00 Lunch

**Friday June 24,2005**

9.00-11.30 PPPL tour  
12.00 Boxed Lunch provided by PPPL

**Wednesday July 6,2005**

11.00-12.00 Short course by Prof. Claire Gmachl  
Topic: Band-structure engineering for optical devices (the fun in quantum mechanics)  
12.00- 1.00 Lunch

**Thursday July 7, 2005**

11.00-12.00 Short course by Prof. Claire Gmachl  
Topic: Band-structure engineering for optical devices (the fun in quantum mechanics)  
12.00- 1.00 Lunch

**Friday, July 8, 2005**

10.00-11.45 Movie "Day after Trinity" PPPL REU students to join in  
11.45- 12.15 Informal discussion  
12.15 onwards Lunch

**Saturday, July 9, 2005**

REU 2005 PICNIC: Tubing down the Delaware River , Vans leave E-Quad parking lot at 10.30 sharp.  
11.30 to 3.30: Tubing to be followed by Barbeque at Prof. Benziger's place

**Tuesday July12,2005**

**11:00-12.00** Talk by Dr. Joe Michels – at Friends Center Convocation Room  
Topic: Science Policy  
**12.00-1.00** Lunch and Informal discussion

**Wednesday July 13,2005**

**10.30–11.30** Visit to Sensors Unlimited, - Vans Leave E-Quad Parking lot at 9.45 a.m.  
**12.00** Lunch

**Wednesday July 20, 2005**

**12.00 Noon** Luncheon :Graduate Opportunities: Associate Dean for Graduate Affairs  
at Friends Center Convocation Room

**August 1-5, 2005**

**[FINAL Report Submission & Presentations by REU participants](#)**