2015 Physics/AP/SLAC Summer Research

physics-summer-research.stanford.edu
What We’ll Cover Today

• Introductions: Ruby Lai: meet someone new
• Tips for getting the most out of your summer
• When should you arrive and leave each day?
• Weekly academic activities: seminars/panels/goals/survival skills
• Social Activities
• Physics GRE prep group?
• Pay checks
• Safety training

6/22/2015
Tips for getting the most out of your summer

• Ask questions from Day 1.
• Know your main ‘supervisor’
• Identify your project by end of first week.
• Read literature, especially review articles.
• Participate in group activities, both work and play
• If you feel like a mushroom, seek help... from faculty advisor, postdocs and grad students in the group, Rick, Elva, peers...
Goals

• Several sessions on setting your goals for the summer.
• First set of goals due Thurs July 2, 5 pm.
What “hours” should I work?

• Work hours that are similar to those of grad students and postdocs in the group.
• Reasonable hours are ~9 to 5:30.
• Summer research is not compatible with taking a summer course.
• Tuesdays at noon PAB 102/103. Food provided
• A few additional sessions Thursdays late afternoon (~4pm)
• SLAC students: Marguerite shuttle leaves Kavli at 11:38. Get off at Green Earth Sciences ~11:50. Return from Green @1:08, thereafter every 20 min.
• SLAC tour
• Faculty Seminars
• Lab tours?
• Alumni Panel
• Survival skills in the research world
• LN2 ice cream
Activities Coordinators Needed

Organize extra-curricular activities

• LN2 Ice Cream--(head chef required)
• Past activities include:
  – Beach
  – Hike
  – Ultimate games
  – Movie night
  – Dinner night
  – Exploratorium
Offsite Trip Possibilities

- SLAC
- Exploratorium
- NASA Ames
- ??
Physics GRE Prep Group?

– Juniors who are thinking of applying to graduate school in Physics this fall?
– Are you interested in forming a Physics GRE Preparation Group?
Summer Schedules

• 10 weeks: June 22 - August 28
• 8 weeks: June 22 - August 14*
• 8 weeks: July 6 - August 28
• Poster session August 28

*present poster at SURPS, Thurs, Oct 22, 2015
Poster Session and BBQ  
August 28 at noon  

- Count on spending the last week preparing your poster and one-page writeup.
- We will provide materials and help you access printers.
- If you have a unavoidable scheduling conflict, let Rick Pam and Elva Carbajal know asap; give SURPS poster instead, during Alumni Weekend in October.
Pay Checks

- Have you declared Physics/EngPhysics yet?
- Have you received your check yet?
- Check paid on June 15 – sent to your PO Box unless you have another address in Axess
When We Meet Again:

• This Thursday, 4pm
• Physics of Wind Turbines: Back of the Envelope and Engineering Challenge
• Followed by liquid nitrogen ice cream!
Safety Training

• Those who are working at SLAC can leave now; you will be doing your training at SLAC.
• Those who did safety training last year can leave now.
• General safety training for all others now.
• Additional lab-specific training will be provided by your research group.