2010 PEER Summer Intern Program

Heidi Faison
Outreach Director
Pacific Earthquake Engineering Research Center

Kick-off Meeting, Davis Hall

June 1, 2010
What is PEER?

a multidisciplinary, multi-institutional research center that develops, validates and disseminates performance-based seismic design technologies for buildings and infrastructure.
Headquarters at:

Stanford University

UC San Diego

California Institute of Technology

University of Washington

UC Davis

USC

University of Southern California
Why Internship?

Mission Statement of the PEER Outreach & Education Program:

to effectively disseminate PEER research findings to PEER’s constituent groups and to further promote the field of earthquake engineering (and related research) to future engineers.

EDUCATIONAL PROGRAMS FOR STUDENTS
PEER Summer Internship 2009
For undergraduate students
Where do the 2010 interns come from...
NEES REU Program

- Justine Woo, *Saint Martin's University*
- Ray Hooft, *University of Nevada, Reno*
- Cristian E. Acevedo, *Florida International University* *
- Ariel Louise Creagh, *University of Texas at Austin* *
- Katherine Zadrozny, *Virginia Tech* **

* Funded by NSF REU Supplement Grant
** Funded by PEER
Cal Teach & UC LEADS

Cal TEACH
- Clayton Sorensen, UC Santa Cruz

UC LEADS
- Maura Torres Acevedo, UC Berkeley
TAP & ENSTIB

(TAP) Transfer Alliance Project/Jack Kent Cooke Summer Research Program

- Victoria Servin

Ecole Nationale Supérieure des Technologies et Industries du Bois

- Marie Klop, ENSTIB, France
- Laura Bernard, ENSTIB, France
General Internship Objectives

- Teach about the research process
- Exposure to experimental and analytical research
- Discover other types of research by learning from fellow interns
- Encourage research-based future studies
- Foster recognition of the value of research to engineering practice
Primary Objective

Introduce interns to the field of EARTHQUAKE ENGINEERING
Expectations & Requirements

✓ Full-time Work (40 hours per week)
✓ Produce Deliverables:
  ▪ POSTER
  ▪ 3 PRESENTATIONS
  ▪ RESEARCH PAPER
✓ Communicate regularly with your mentors
✓ Attend all cohort events, teleconference and lab meetings as required by PEER
✓ Ask questions – don’t let them fester!
✓ Come to me if you have any problems...
Summer Milestones

- Week 1 – Kick-Off Meeting
- Week 2 – Project Overview Presentation
- Week 6 – Progress/Problem Solving Presentation
- Week 8 – Report Outline
- Week 9 – Final Project Results Presentation
- Week 10 – Poster
- Week 10 – Final Report (officially due Sept 17)

- Fall 2010 – Presentation at Home Univ.
### PEER Intern Program

#### Kick-off Meeting

- **June 1, 2010**
  - **10am** - Kick-Off Meeting
  - **12pm** - Kick-Off Lunch
  - **3pm** - Lab Safety Class at RFS for JW, RH, CA, KZ, MT, VS

#### Monday (June 7, 2010)

- **Start: AC**
  - **12pm** - MT at UC Leads Meeting @ UC Leads Meeting

#### Tuesday (June 8, 2010)

- **Start: CS**
  - **9am** - Mandatory Writing Workshop @ 2063 Valley Life Sciences Building
  - **3pm** - Lab Safety Class at RFS for MK, LB @ RFS for MK, LB

#### Wednesday (June 9, 2010)

- **Start: MT**
  - **12pm** - MT at UC Leads Kick-Off Meeting @ UC Leads Kick-Off Meeting

#### Thursday (June 10, 2010)

- **Start: VS**
  - **12pm** - MT at UC Leads Meeting @ UC Leads Meeting

#### Friday (June 11, 2010)

- **Start: MK, LB**
  - **12pm** - CS at CalTeach Meeting

#### Saturday (June 12, 2010)

- **Start: JW, RH, CA, KZ**
  - **12pm** - MT at UC Leads Meeting @ UC Leads Meeting

#### Sunday (June 13, 2010)

- **Start: CS**
  - **12pm** - CS at CalTeach Meeting

#### Monday (June 14, 2010)

- **Start: MT**
  - **12pm** - MT at UC Leads Meeting @ UC Leads Meeting

#### Tuesday (June 15, 2010)

- **Start: JW, RH, CA, KZ**
  - **12pm** - MT at UC Leads Kick-Off Meeting @ UC Leads Kick-Off Meeting

#### Wednesday (June 16, 2010)

- **Start: MK, LB**
  - **12pm** - CS at CalTeach Meeting

#### Thursday (June 17, 2010)

- **Start: VS**
  - **12pm** - MT at UC Leads Meeting @ UC Leads Meeting

#### Friday (June 18, 2010)

- **Start: MK, LB**
  - **12pm** - CS at CalTeach Meeting

#### Saturday (June 19, 2010)

- **Start: JW, RH, CA, AC (HF)**
  - **12pm** - MT at UC Leads Kick-Off Meeting @ UC Leads Kick-Off Meeting

#### Sunday (June 20, 2010)

- **Start: VS**
  - **12pm** - MT at UC Leads Meeting @ UC Leads Meeting

#### Monday (June 21, 2010)

- **Start: VS**
  - **12pm** - MT at UC Leads Meeting @ UC Leads Meeting

#### Tuesday (June 22, 2010)

- **Start: MK, LB**
  - **12pm** - CS at CalTeach Meeting

#### Wednesday (June 23, 2010)

- **Start: MK, LB**
  - **12pm** - CS at CalTeach Meeting

#### Thursday (June 24, 2010)

- **Start: MK, LB**
  - **12pm** - CS at CalTeach Meeting

#### Friday (June 25, 2010)

- **Start: MK, LB**
  - **12pm** - CS at CalTeach Meeting

#### Saturday (June 26, 2010)

- **Start: JW, RH, CA, KZ**
  - **12pm** - MT at UC Leads Meeting @ UC Leads Meeting

#### Sunday (June 27, 2010)

- **Start: VS**
  - **12pm** - MT at UC Leads Meeting @ UC Leads Meeting

#### Monday (June 28, 2010)

- **Start: VS**
  - **12pm** - MT at UC Leads Meeting @ UC Leads Meeting

#### Tuesday (June 29, 2010)

- **Start: JW, RH, CA, KZ**
  - **12pm** - MT at UC Leads Meeting @ UC Leads Meeting

#### Wednesday (June 30, 2010)

- **Start: JW, RH, CA, KZ**
  - **12pm** - MT at UC Leads Meeting @ UC Leads Meeting

#### Thursday (July 1, 2010)

- **Start: MK, LB**
  - **12pm** - CS at CalTeach Meeting

#### Friday (July 2, 2010)

- **Start: MK, LB**
  - **12pm** - CS at CalTeach Meeting

#### Saturday (July 3, 2010)

- **Start: JW, RH, CA, KZ**
  - **12pm** - MT at UC Leads Meeting @ UC Leads Meeting
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