

2010 PEER Summer Intern Program



PEER

Heidi Faison

Outreach Director

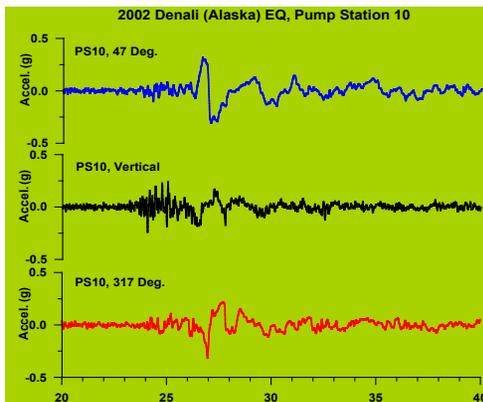
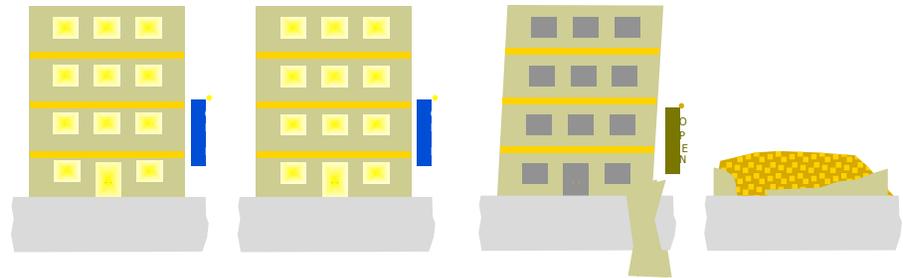
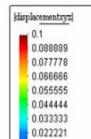
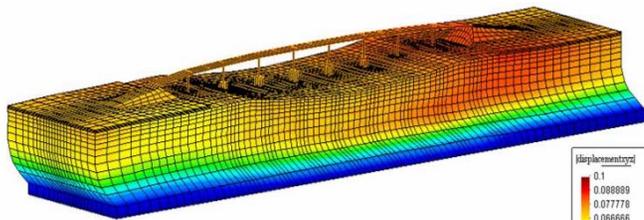
Pacific Earthquake Engineering
Research Center

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

UCIrvine
University of California, Irvine



UCSD



W

UNIVERSITY of
WASHINGTON



UCDAVIS



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

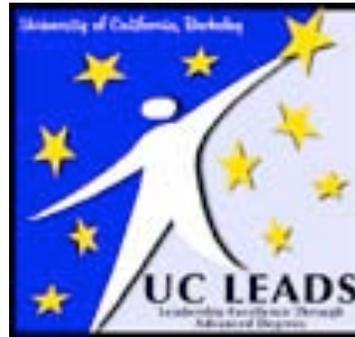
PEER Summer Internship 2009

For undergraduate students



PEER

Where do the 2010 interns come from...



NEES

JACK KENT COOKE
F O U N D A T I O N



NEES REU Program



NEES



- 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

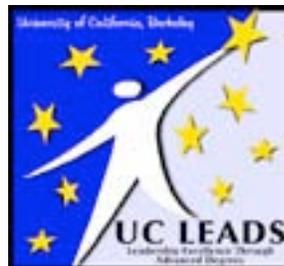
Cal TEACH

- 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

JACK KENT COOKE
F O U N D A T I O N

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.

JUNE 2010

PEER Intern Program

Jun 2010 (Pacific Time)

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
30	31	1 Start: JW, RH, CA, KZ 10am - Kick-Off 11am - Kick-Off 3pm - Lab Safety Kick-off Meeting 1	2	3	4	5
6	7 Start: AC	8 Start: MT 12pm - MT at	9	10 PRES 1A: JW, RH, CA, KZ 10	11	12
13	14 Start: CS 9am - Manditory 3pm - Lab Safety	15 12pm - MT at	16 12pm - CS at	17 PRES 1B: AC, MT 17	18 MT at UC Leads Kick-	19
20	21 Start: VS	22 12pm - MT at	23 Start: MK, LB 12pm - CS at 3pm - Lab Safety	24-26 NEES REU Orientation at UNR: JW, RH, CA, AC, (HF) @ UNR		
27	28	29 12pm - MT at	30 12pm - CS at	1 12pm - PRES #1C: CS,	2	3

JULY 2010

PEER Intern Program

Jul 2010 (Pacific Time)

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
27	28	29 12pm - MT at	30 12pm - CS at	1 PRES 1c: CS VS MK LB 1	2	3
4	5 Holiday	6 12pm - MT at	7 12pm - CS at	8 PRES 2A: JW RH CA KZ AC 8	9	10
11	12	13 12pm - MT at	14 12pm - CS at	15 PRES 2B: CS MT VS MK LB 15	16	17
18	19 REPORT Outline Due Paper Outline DUE 19	20 12pm - MT at	21 12pm - CS at	22	23 Hybrid Wkshp or Fieldtrip? 23	24
25	26	27 12pm - MT at	28 12pm - CS at	29 PRES 3A: JW RH CA KZ AC 29	30 Last Day: MT	31

AUGUST 2010

PEER Intern Program

Aug 2010 (Pacific Time)

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2 Poster Draft DUE 2	3	4 12pm - CS at	5 PRES 3B: CS MT VS MK LB 5	6 Poster DUE Celebration Lunch 6	7
8	9	10 12pm - CS at	11	12 Last Day: AC VS at TAP Colloquium	13 Last Day: CS, VS	14
15	16	17	18	19 NEES REU YRS: JW, RH, CA, AC	20	21
22	23	24	25	26 UCB Classes Start	27	28
29	30	31	Final Research Paper Due on Sept 17, 2010 but EARLIER IS BETTER!!!!			