

MINUTES

PEER SLC Meeting on 11/18/03 Teleconference

In attendance: Patxi Uriz (UCB), Emily Guglielmo (UCB), Lijuan (Dawn) Cheng (UCSD), Mike Gebman (UCSD), Alberto Salamanca (UCLA), Annie Kwok (UCLA), Yoojong Choi (UCLA), Case Bradford (Caltech), Martin Walker (UCD), Dongdong Chang (UCD), Jack Baker (Stanford), Professor Ashford (UCSD)

Minutes Prepared by Emily Guglielmo

8:09 pm

1.0 Introductions

Martin Walker, UC Davis, MS Student – new to the group

1.1 PEER Testbeds Meeting:

- Dongdong Chang and Sarah Paulsen helped with speaker introductions, and SLC info. Gave PowerPoint presentation.

1.2 PEER SLC write-up in the PEER Newsletter (can download at peer website) and everyone should have received a copy.

2.0 Summary of NSF ERC Meeting

National Science Foundation Engineering Research Center Annual Meeting, Washington D.C., 11/1 – 11/3

- SLC Reps: Michael Gebman (SLC Pres), Lisa Everingham (UCSD Undergrad)
- SLC from various engineering centers gave presentations. Meeting minutes written up by Michael Gebman.

New Ideas from Other SLC's:

- Outreach Modules on the web
- WebEX useful for web based meetings (Lynn Preston, NSF ERC Directorate)
- **Create a Sense of Community**
 - o Poster Sessions at Annual Meeting, Site Review
 - o Field trips (major league baseball, paid by engineering center!)
 - o Pizza at meetings
 - o Social Activities = important, help get people involved (i.e. SLC) and feel like part of the ERC
- Annual Meeting – BIPs bring posters too. We should consider this for our Annual Meeting.
- Resume Book available to industry.
- SLC Organization
 - o One of the SLC's was organized into 4 committees: Outreach, Research, Social, Industry
- Video Game “Guy Simplant” developed by UW Biomaterials Center to introduce kids to their field.
- Recruiting:
 - o Most SLC's are having a hard time, especially when it comes to officer elections.
 - o MCEER SLC has had the same President for 3 years.

3.0 Seismic Design Competition

Dawn Cheng led the discussion on this item:

3.1 Updates on General

- Competition only among PEER universities (MCEER, MAC will not participate in the competition this year)
- To be held at NSF Site Visit, Richmond Field Station, May 2004

- Open to PEER 9 core universities
 - UC Berkeley, UC Davis, UCI, UCLA, UCSD, Caltech, Stanford, UCS, UW, 1 undergrad team from each university)
 - PEER will likely cover the expense for 2 undergrads per team
 - Fund raise for other team members to attend (ASCE, department, BIP)
- Open to other universities as well
 - PEER Affiliate schools (University of Hawaii, Oregon State University, California Polytechnic State University)
 - Other schools who might be interested
 - No cover on expense from PEER (100% on their own)

3.2 Issues, questions, and concerns

- Performance evaluation
 - Acceleration measurement (accelerometers need to be figured out and tested)
 - Displacement time history (MATLAB or MathCAD?), residual/ transient displacement.
 - Need to find out which equipment is available at Berkeley (shake table, accelerometers, etc.) Patxi will try to track down “blue” shake table. Martin, Dongdong, Michael, Dawn will work on data acquisition.
- Shipping method
 - Previous model was destroyed in mail. Need to pack better (maybe in a wooden box).
 - Shipping address to be modified (address and contact person)
 - Wood box, steel cage via FedEx, truck- costs more than regular shipping.
- Shake table to be used
 - Field station has one? If this works, we don't need to ship one from nearest university
- Competition schedule on the day of event
 - Check site visit schedule (Site Visit Chair- Annie Kwok). Need to schedule competition into day. Want NSF people to be able to view competition. Structure examination, weighing, setups.
 - 5 hours testing time (1/2 hour per team including setup, testing, cleaning). May take entire day to test if every PEER university participates.

3.3 Execution Details

- Planning and preparation
 - Question email to: CompSeismic@peer.berkeley.edu (Casey Bradford will set up email account)
 - Website: competition rule, registration, and other information- already on SLC webpage. Students can register for competition via email.
 - Draft on announcement and flyers- submit announcement to Parshaw Vaziri, email PEER students, webpage, faculty advisors, ASCE/EERI- Emily Guglielmo to work on flyer
 - Fund raise- PEER can only fund two students per PEER school. May need more money raised.
 - Execution Committee
- Tentative Schedule

Event	Deadline
Final review and discussion of competition rules by: - Committee members	Nov. 21, 2003
Official announcement via: - PEER newsletter and e-mail to PEER undergrad students - SLC website (document, registration and contact info) - Faculty advisor (lecture, seminar) - EERI/ASCE student chapter monthly meeting (Liaison) - Email to undergrads at each university - Flyers	Jan. 23, 2003
Team qualification and registration	Jan. 23, 2004
Fund raise from ASCE, department, BIP	April 23, 2004
Design, construction, and others	May ??, 2004
Shipping arrangement	May ??, 2004
Competition day at Richmond Field Station	May ??, 2004

4.0 Professor Ashford Updates

- Thankful for all work SLC has done. May have something coming in mail?
- Encourage to invite BIPs to campus. Let Professor Ashford know. PEER will pay for BIP to spend the day at your school.
- PEER lecture series will happen- on a Tuesday or Wednesday night. PEER will supply pizza and drinks. May happen at NSF Site Visit. Need to make announcements to schools about the event in early December.

5.0 Website/Online SWOT

Casey Bradford to lead the discussion on this item:

WEBPAGE

- New list of officers updated on webpage. Needs some pictures from some people. Will keep updating meeting minutes and seismic design competition.
- Research Posters Page- want to put poster's online, already some up from NSF Site Visit. We will put a link from SLC page.
- Upload current pics

SWOT

- Needs improvement for submitting responses.
- Generate new questions, and modify existing questions. Jack will work updating/revising old SWOT questions.
- Could use a new program altogether for this: Catalyst Software from UW (UW reps would have to help set up an account).
- Site for Catalyst: <http://www.catalyst.washington.edu>
- UW SLC SWOT:
<http://catalyst.washington.edu/webtools/webq/survey.cgi?user=billy&survey=2>
- Target date – operational for demo at PEER Annual Meeting

6.0 PEER Annual Meeting

- February 20-21, 2004 at Palm Springs Riviera
- Tentative Schedule:
 - Day 1: Poster Session from 5-7 PM
 - Day 2: Student Session, 1:30-4
 - Day 2: SLC Meeting 4:30-6
 - Day 2: Dinner for RC, SAC, IAB and SLC

7.0 Open Forum

- Discussion and evaluation teleconference meeting effectiveness. Most members prefer it to email communication. Teleconference is definitely easier than travel.

8.0 Next Meeting

- In-person at Annual Meeting
- Teleconference in January or in-person meeting (would probably have to limit # of reps attending for budgetary reasons)
 - o LA could work well
 - o Or video conference from: UCLA, Berkeley, UW

Websites for this meeting:

PEER: <http://peer.berkeley.edu>

PEER SLC: <http://peer.berkeley.edu/~students>

Retreat Pics: <http://peer.berkeley.edu/~mgebman>

UW Online SWOT:

<http://catalyst.washington.edu/webtools/webq/survey.cgi?user=billy&survey=2>

PEER SLC Online SWOT: <http://peer.berkeley.edu/~students/OnlineSWOT.html>

Governor Schwarzeneger: <http://www.welovearnold.com/>