

## 2008 Mid-Pacific Student Conference

January 25<sup>th</sup>, 2008

Dear Mid-Pacific Student Chapter:

This is the 2008 Mid-Pacific Student Conference Mailer II, the second of three packets to be sent to each of the participating schools. Please read carefully through this package and distribute the copies to the appropriate chairpersons in your Chapter. Do not throw away this mailer! The information that is given here may not be repeated in subsequent mailers. Enclosed you will find the following information:

- I. Deadline summaries
- II. Conference Attendee Registration
- III. Hotel Reservation Information
- IV. Event Rules
  - A. Mead Presentation Rules
  - B. Concrete Bowling
  - C. Other Activities

If you have any questions, feel free to contact us at the email address: [ucd.midpac08@gmail.com](mailto:ucd.midpac08@gmail.com). All mailers, documents, general questions and answers concerning the events, rules, etc. will be posted on our web site, <http://www.asce.ucdavis.edu>.

We look forward to seeing you in April!

Sincerely,

Kelly Ju and Sheryl Salamanca  
UCD Mid-Pac Coordinators  
[ucd.midpac08@gmail.com](mailto:ucd.midpac08@gmail.com)

Cheuk Wan and Jennifer McRae  
UCD ASCE Co-Presidents  
[ucd.asce.president@gmail.com](mailto:ucd.asce.president@gmail.com)

## 2008 Mid-Pacific Student Conference

### I. Deadlines Summary

#### Participants:

March 17 <sup>th</sup>	Attendee Pre-registration Cut-off
March 24 <sup>th</sup>	Hotel Reservation Cut-off
March 28 <sup>th</sup>	Canoe Technical Paper DUE (Postmarked)
April 1 <sup>st</sup>	Late Registration Cut-off
April 11 <sup>th</sup>	Mead technical paper DUE (Postmarked)
April 24-26 <sup>th</sup>	2008 Mid-Pacific Regional Conference!!

#### Hosts:

March 24 <sup>th</sup>	Mailer III (final schedule, parking passes, updates)
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## 2008 Mid-Pacific Student Conference

### II. Conference Attendee Registration

**Registration Post-mark Deadline : March 17<sup>th</sup>, 2008**

Each conference attendee (student, faculty, or friends) must register for the event. Please fill out the necessary information listed on the following page and send with **\$35** per person to:

**ASCE at UC Davis  
Department of Civil & Environmental Engineering  
One Shields Ave.  
Engineering Unit III, Room 2001  
Davis, CA 95616**

The \$35 registration fee covers the following:

- Participation in events/activities
- Breakfast (Friday & Saturday)
- Lunch (Friday & Saturday)
- Banquet
- T-shirt
- Parking permits/fees
- Event Fees

#### **Late Registration**

Any registrations postmarked after March 17<sup>th</sup>, 2008 and until **April 1<sup>st</sup>, 2008**, must pay a late registration fee of \$40. Any students, faculty, or friends that arrive at the conference without pre-registering must pay the late registration fee at check-in. Please be aware that by not registering, there may be other additional fees, not listed in this mailer.

## 2008 Mid-Pacific Student Conference

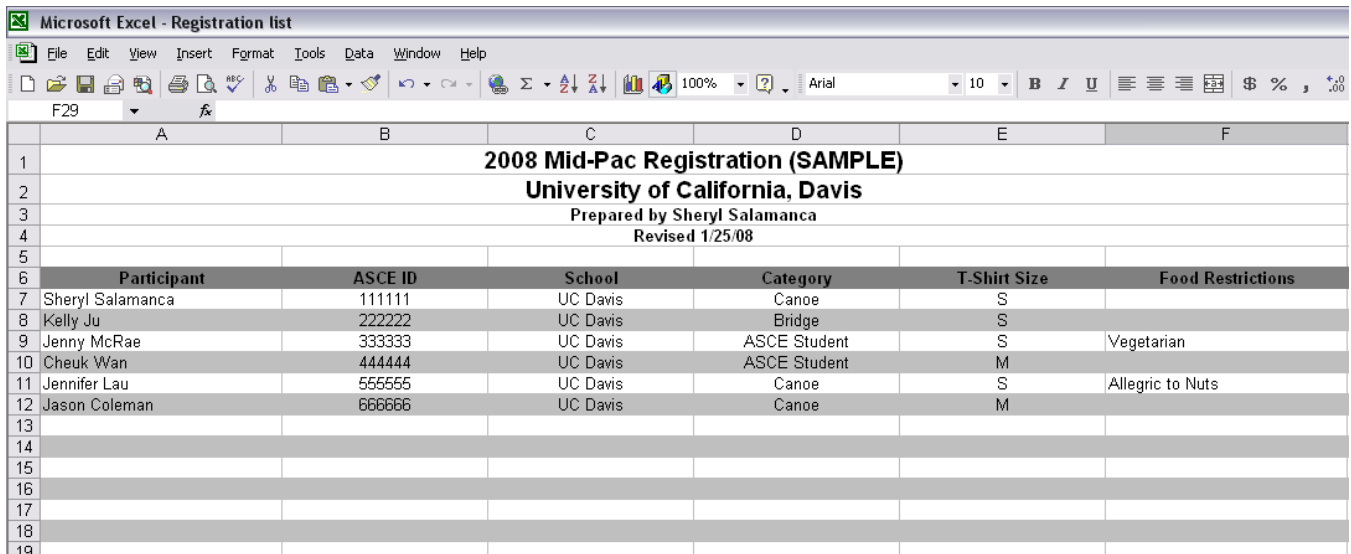
### Individual Registration

Required Information:

- (1) Name of Participant
- (2) ASCE Identification Number, if applicable
- (3) School Name
- (4) Category:
 

Steel Bridge	Concrete Canoe	ASCE Student
Faculty Advisor	Other Faculty	Alumnus/a
Friend/Relative	Sponsor	Other Student
- (5) T-shirt size: Small, Medium, Large, XL, XXL
- (6) Any specific food restrictions:  
Vegetarian, allergies, etc.

Please prepare an Excel file listing all participants and required information and submit to <mailto:ucd.midpac08@gmail.com> by March 17<sup>th</sup> and an updated version including any Late Registrations by April 1<sup>st</sup>. Include the preparer's name and the file's revision date. The Excel file to be submitted should look similar to the following:



The screenshot shows a Microsoft Excel spreadsheet titled "Registration list". The spreadsheet contains the following data:

Participant	ASCE ID	School	Category	T-Shirt Size	Food Restrictions
Sheryl Salamanca	111111	UC Davis	Canoe	S	
Kelly Ju	222222	UC Davis	Bridge	S	
Jenny McRae	333333	UC Davis	ASCE Student	S	Vegetarian
Cheuk Wan	444444	UC Davis	ASCE Student	M	
Jennifer Lau	555555	UC Davis	Canoe	S	Allergic to Nuts
Jason Coleman	666666	UC Davis	Canoe	M	

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### III. Hotel Reservations

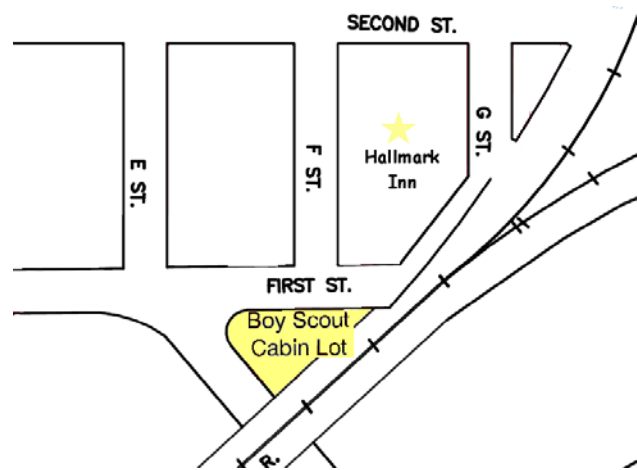
Hotel reservations are to be done on your own. Due to another conference that is occurring in Davis at the same time as Mid-Pac and limiting the number of rooms available in any single hotel, we have blocked out rooms for participants in two separate hotels. You may choose which hotel you prefer to stay in.

**Comfort Suites Davis**  
1640 Research Park Drive  
Davis, CA 95618  
Phone: 530-297-1500  
**Group Name: UC Davis ASCE**  
**Group Number: 100807**  
No. rooms blocked: 30  
Rate: \$95/night

**Hallmark Inn**  
110 F St.  
Davis, CA 95616  
Phone: 530-753-3600  
**Group Name: UCD ASCE Conference**  
**Group Number: 141442**  
No. rooms blocked: 40  
Rate: \$89/night  
Note: Parking permits for trailers will be provided

**When reserving rooms, mention the group name and group number.** This will enable you to receive the special conference room rates as shown. These rooms, at the rates shown, will be blocked out until **4:00pm March 24<sup>th</sup>, 2008.** After this date, any unreserved guestrooms at that point will be released for general sale and availability and pricing cannot be guaranteed.

\*\*\* For those staying at the Hallmark Inn please be aware that parking for trailers and other larger automobiles will be in the Boy Scout Cabin lot, a lot right across the street from the hotel. Permits will be provided by the host.



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### IV. Event Rules

To ensure that Mid-Pac is fun we'll be engaging in a few activities to break up the stress of the more rigorous competitions. These activities are intended to be fun and promote the spirit of competition. Activities include volleyball, concrete bowling and a rib eating contest!

**General Rules:**

- The events/activities will be played in a bracket style tournament.
- Order will be decided prior to the competition.
- Only one team per school.
- Participants must be registered attendees of Mid-Pac as well as National ASCE.

The conference will be organized on a basis of points. These points will be distributed based on the participation of schools in each event. Point allocations are distributed as follows:

#### SAMPLE Competition Rubric

Point Break Down						
Event	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>	Other
Paddle Boat Race	10	8	6	3	3	3
Tug-o-War	10	8	6	3	3	3
Rib-Eating	10	8	6	3	3	3
Concrete Bowling	20	16	12	6	6	6
Mead Paper Presentation	20	16	12	6	6	6
Concrete Canoe	40	35	30	25	20	20
Steel Bridge	40	35	30	25	20	20
<b>Total Points Possible: 150</b>						

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### STEEL BRIDGE & CONCRETE CANOE COMPETITION Addendum for Overall Mid-Pac Competition Points ONLY

#### 1 Description

The Concrete Canoe and Steel Bridge competitions will be held according to the Rules set by their respective National Rules' Committees. Only for the purpose of the overall Mid-Pac Competition points, these rules shall serve only as an Addendum to those rules.

#### 2 Overall Competition Placements:

- 2.1 According to the Steel Bridge & Concrete Canoe rankings (as determined by those competitions' judges), the teams will be given points in the overall Mid-Pac Competition.
- 2.2 In the Overall Competition, points will be allocated as follows for each competition

**Place Points**

1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4th	Other
40	35	30	25	20

#### Concrete Canoe: Submissions Details

Concrete Canoe Technical Paper submissions are due (**POSTMARKED**) by **Friday, March 28<sup>th</sup>, 2008**. We should receive 5 completely bound copies, as stipulated in the 2008 National Concrete Canoe Rules. Please refer to those rules for all rules regarding the Technical Paper. You can find the Rules on the Competitions webpage of the 2008 Mid-Pac Website.

#### Please send technical papers to:

ASCE at UC Davis  
Department of Civil & Environmental Engineering  
Engineering Unit III, Room 2001  
One Shields Ave.  
Davis, CA 95616

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### A. Mead Paper Presentation

#### 1 TOPIC: "Ethical Issues Surrounding Infrastructure Privatization"

The following can be used to stimulate, but should in no way limit, the discussion:

Many cities and states in the United States are experiencing financial difficulties. A potential solution is to privatize their infrastructure including sale of water utilities, transportation facilities, and energy production. Infrastructure privatization is also a global discussion with most of the focus on water supply and sanitation needs. Engineers work in both the private and public sectors and may be involved in all aspects of infrastructure privatization. Some questions to consider:

1. What are potential ethical issues of a privatization decision based primarily on financial need?
2. How much does location of the infrastructure impact the ethical priorities of a privatization decision?
3. What ethical issues do engineers in the public sector face with supporting a privatization decision?  
What about their role after privatization?
4. What ethical issues do engineers in the private sector face with supporting a privatization decision?  
What about their role after privatization?
5. There are many different forms or strategies of privatization (e.g., working with U.S. firms or international firms) – do some create more ethical considerations than others?

#### 2 Description

The Technical Paper Competition is intended to encourage members of ASCE Student Chapters/Clubs to prepare and present meaningful presentations on technical subjects relating to the practice of Civil Engineering. The competition will be judged on the basis on the inherent quality of the material presented and the effectiveness of the presentation.

#### 3 Eligibility

- 3.1 Each university may enter a maximum of two students for the competition.
- 3.2 This competition is open to all undergraduate students in good standing with their respective ASCE student chapter/club.

#### 4 Author

- 4.1 Each student must be the sole author of the paper and the same student must make the oral presentation of that entry.
- 4.2 Faculty, staff, and graduate students, or members of any one of these groups, may not contribute to the content or the presentation of the paper.

#### 5 Paper Entries

- 5.1 The paper must be typed double-spaced in 12-point font on no more than 10 pages (single-sided).
- 5.2 Papers are not to exceed 2,000 words in length.
- 5.3 Entries should include a cover page, stating the title of the paper, and the author's name and ASCE ID number, mailing address, phone, and e-mail.
- 5.4 All papers shall have one appendix containing references following *ASCE Author's Guide to Journals, Books and Reference Publications*, which can be found on the ASCE Publications website [www.pubs.asce.org/authors/index.html](http://www.pubs.asce.org/authors/index.html).

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- 5.4.1 Parenthetical references following ASCE format shall be used to document the sources of material not the author's own. Papers omitting a references appendix, using plagiarized material, or failing to document sources appropriately shall be disqualified without appeal.
- 5.5 No appendices other than references are to be added to the paper.
- 5.6 The paper should not have appeared in any publications other than in school or chapter/club publications.

### 6 Presentations

- 6.1 Each entrant must formally present his or her paper at the conference. Presentations must be no longer than 5 minutes in duration. See the Mead Scoring Sheet.
- 6.2 Presentations must be accompanied by visual aids.
  - 6.2.1 The host chapter will provide an overhead projector, Audio/Visual Equipment, including a projector, screen, and laptop. Neither a slide projector nor a slide carousel will be provided. The presenter must furnish any additional equipment.
  - 6.2.2 The host chapter should be notified at Conference Check-In (night of Thursday, April 24) of any additional equipment to be used or brought by a participating school. The specifications of the Auditorium and Audio/Visual Equipment will be provided in Mailer III.

### 7 Q&A

- 7.1 A short question and answer period will follow the presentation.
- 7.2 Each judge will be allowed one question.
- 7.3 Only judges may ask questions.
- 7.4 This may affect their score, but no specific score will be assigned for questions answered.

### 8 Scoring

- 8.1 Scores will be based on 100 points following the Scoring Summary Sheet on the following page.
- 8.2 The contestants will be ranked based on the sum of all the judges' scores.

### 9 Awards

- 9.1 1st Place: \$125, 2nd Place: \$50, 3rd Place: \$25

### 10 Overall Winner Points

- 10.1 If a university has more than two contestants, only the top-scoring contestant from that university will be considered in the Overall Winner Points.
- 10.2 Points will be allocated as follows:

1 <sup>st</sup> Place	2 <sup>nd</sup>	3 <sup>rd</sup>	Other
20	16	12	6

### 11 Submitting Paper Entries

- 11.1 Three (3) single-sided copies of the paper must be submitted to the host chapter postmarked no later than Friday, April 11, 2007.
- 11.2 Mailing Address:

ASCE at UC Davis  
Department of Civil & Environmental Engineering  
Engineering Unit III, Room 2001  
One Shields Ave.  
Davis, CA 95616

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### B. Concrete Bowling

Concrete Bowling is a design contest that utilizes students' engineering abilities, and as well as his/her bowling skills! Judging of the concrete bowling will be based on engineering design, aesthetics, and your bowling skills!

#### Participation:

- Each school must have two (2) participants, one male and one female. One team/school.
- Standard bowling rules will apply to the actual bowling competition.
- Each contestant will have 3 frames, for a maximum of six bowls.
- Team with the best combined score wins.
- Both participants must be registered attendees of Mid-Pac as well as National ASCE.
- Both participants' names must appear on the *Special Events Registration Form* due April 24<sup>th</sup>, 2007.

#### Design:

- The bowling balls may not exceed 9" in diameter
- The weight of the ball should not exceed 18lb
- The ball must be made out of solid concrete
- The ball's shape must be spherical
- No resins may be used
- The mix design is at the discretion of each school. But remember this is an engineering competition so be creative.

#### Presentation:

- Each team must submit a poster board at the competition (22"x 28") and must be able to stand on its own on a table (or flat) surface.
- The poster must identify:
  - The school's name, bowling team's name, and names of team's bowlers.
  - The mix design
  - Construction material and techniques
- The aesthetics of the bowling balls and posters will be judged by the concrete bowling judge

#### Scoring:

Below is the scoring breakdown.

Category	Points
Engineering Design and Construction	30
Aesthetics (Bowling Ball and Poster)	20
Bowling	50
<b>TOTAL</b>	<b>100</b>

The Concrete Bowling Judge will decide the concrete bowling winner according to rank.

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### C. Other Activities

#### **Rib – Eating Contest**

1. Team to consist of two (2) members, one male and one female.
2. Each team will be given the same number of ribs (e.g. 25-30 ribs)
3. Teams will be awarded by how fast they finish their plate (i.e. first team to eat all the ribs wins).

#### **Tug-O-War**

1. Team to consist of ten (10) members, five (5) males and five (5) females.
2. Overall pull to be 12 feet and winner of each tie to be decided by best of three rounds.
3. Teams may increase participation by rotating members from their school for each new round.
4. Anchorman to loop rope round one shoulder to secure rope as per style used at present. No knot is permitted on the rope end.
5. All team members to remain on their feet at all times, no hands are persistently allowed on the ground apart from the anchorman who is permitted to use one hand on the ground.
6. Draw for ties to take place prior to start of competition. Succeeding rounds to be redrawn at judge's discretion.
7. A team member is permitted to pull for only one team during a competition.
8. Prior to commencement of pull, judge will ask teams if they are ready, then give the command take the strain, at this point team members may heel in, when teams are balanced, order to 'pull', is given and the tie has commenced.
9. Teams will leave area of competition during ties in which they are not involved.

#### **\*\*Beach Volleyball**

1. A player cannot lift or catch the ball.
2. A player can only contact the ball once at one time, but can contact it again in the rally if a team member contacts the ball. In other words, you can bump, I set, and you spike.
3. A player cannot touch the net at any time of play.
4. A player cannot attack a serve.
5. A team can only make a maximum of 3 contacts in order to return the ball to the other side.
6. A player in the back row cannot attack the ball within 10 feet of the net.
7. Each game is won when a team reaches 21 points, with a margin of 2 points.
8. One game per match.

#### **\*\*Paddle Boat Race**

1. A team consists of six (6) members, three male and three female.
2. Three races will be conducted (male pairs, female pairs, and coed).
3. Each participant may only run one (1) race.
4. A pair much race in the paddle boat for 100 m. First to finish wins.
5. School with fastest combined times of all three races wins.

**\*\*Due to area space restrictions, either beach volleyball or a paddle boat race will be the 3<sup>rd</sup> activity.**