

44th Annual Rocky Mountain
Regional Conference

Second Mailer



TM

ASCE | University of New Mexico
April 2015

American Society of Civil Engineers
University of New Mexico
Student Chapter



Hello Students and Faculty Advisors,

I hope everyone is doing well and that your winter break was relaxing. We are working hard at UNM ASCE to provide each school with a great experience in the upcoming 2015 Rocky Mountain Regional Conference. I want to thank everyone that expressed their questions and concerns about the upcoming events after the 1st mailer was sent out.

Because of these questions and concerns we have made some changes to the upcoming events. Please take the time to carefully review these changes that are listed in this mailer and which are also available on the UNM ASCE website.

We have also listed a topic or design idea for the Pre-Design Event. We will have the use of our hydrology lab and further details upcoming. The general design idea is listed in this mailer so that each school can start to come up with specific ideas for the event. We will update our website and send information out as it becomes available.

We have completed a tentative list of events each school is participating in. If your school plans on changing which events it will participate in we would appreciate a final answer by February 20, 2015.

We have done our best to come up with a schedule that will enable us to host all the listed events but we believe that the schedule will be very tight and we are asking that all schools make every effort to be at each event on time and ready to go.

In order for any participant to be able to compete we need their valid National ASCE Student Membership Identification (ID) Number. Included in this mailer are directions on how to register online for free. Please be sure to fill in the student's ASCE ID Number on the revised Pre-registration form. If you have already filled out the Pre-registration form from the First Mailer, expect a follow-up email asking for the ID Number.

Once again I want to thank everyone for their questions and concerns. Please do not hesitate to contact me with any other concerns. We are really hoping to make this a memorable event and it only works if we get your participation in all matters. We are looking forward to seeing everyone in April.

Sincerely,

A handwritten signature in blue ink that reads "James Silver".

James Silver

President, UNM ASCE Student Chapter
(505) 220-4647
jasilver@unm.edu



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Where to find the most up-to-date information:

www.unm.edu/~asce/



Thursday Night Charity Event

Plans have been altered to avoid complications with copyrights. **There will no longer be a structure made of cans.** Instead we will be working with Greater Albuquerque Habitat for Humanity (GAHH).

In order for Habitat to benefit from an event such as this we are asking you to bring a pre-fabricated donation box that you can assemble on site (in the Stamm Commons room in CENT building, same as previously planned). On Thursday night, April 9th, these donation boxes will be assembled on pallets which will be picked up by GAHH and used in their Restore for daily contributions that aid in construction materials and Restore operations. The donation boxes should be designed to be interactive, coin collection centers. Designs will be judged based on aesthetics and functionality. There are no limitations to the materials to be used. It is highly encouraged to use recycled materials.

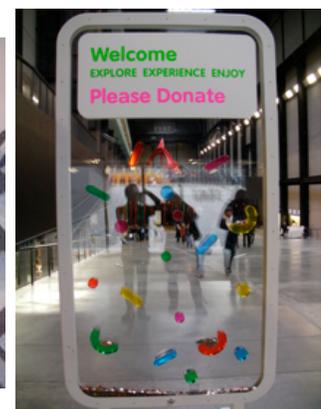
Rules for this event:

Pre-fabrication: all items are to be pre-cut and painted then assembled on site using nails, screws, glue, etc. (Drills will not be provided but UNM will have extension cords for use if needed.)

Size: maximum height 4 feet, maximum width 2 feet, maximum depth 2 feet. Design does not need to be this large but is meant for ease of transportation.

Weight: no heavier than 150 pounds.

No electrical motors or lights. There should be a door (with hardware that can have a padlock added) to access donated coins. Assembly begins at 4 PM, Thursday, April 9, 2015. Assembly must be complete by 7 PM when judging begins. Be sure to keep color schemes in mind. To see the colors used in the Restore, check GAHH's website at <http://habitatabq.org>.



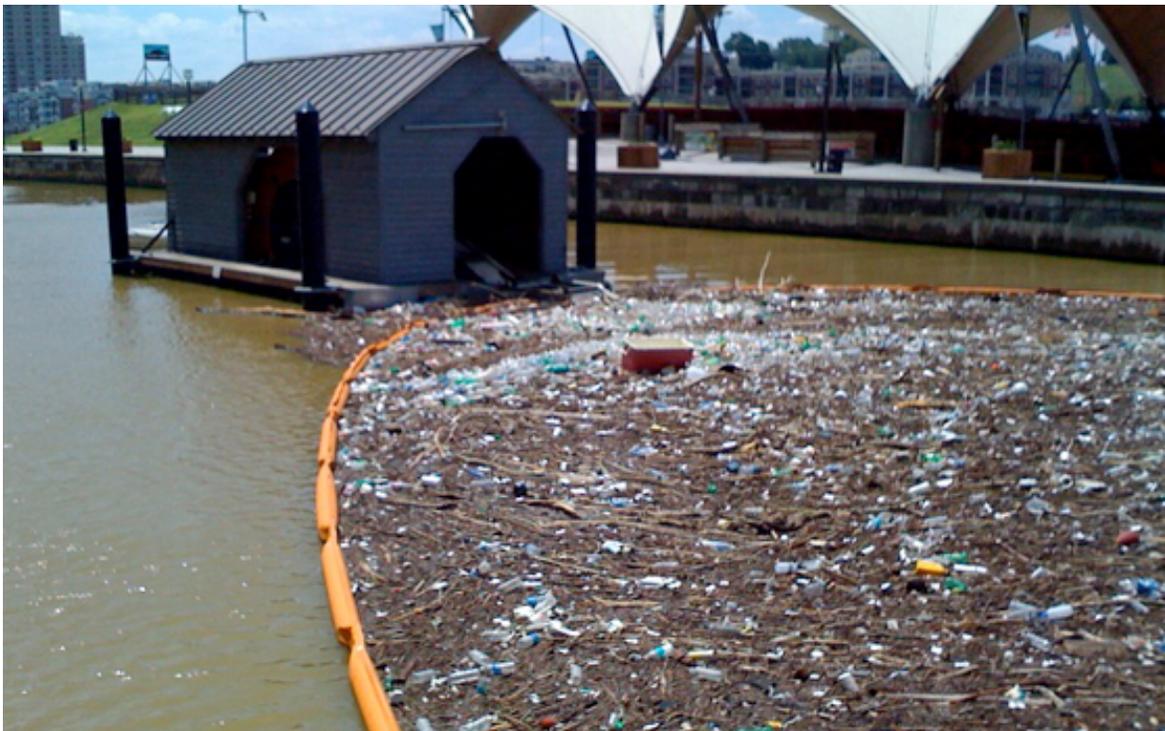


Pre-design

The pre-design event will focus on the removal of trash and debris from arroyos, rivers or streams that have heavy flow of water after rainstorms and in spring with the melting of snow. The event will take place at the Hydrology Lab in Centennial Engineering building at UNM. Your team will need to come up with an idea that will collect as much debris as possible without affecting the flow rate of the water system while allowing us to collect clean samples of water. The Hydrology Lab will be set up to replicate a real arroyo system with an adjustable rate of water to mimic real-life scenarios.

Date and time of this event has not changed.

Check back at <http://www.unm.edu/~asce/rockymountain.htm> for updates to this event throughout the next few months.





Technical Paper

There was a topic set previously for this part of the competition. After review, the Student Chapter of the University of New Mexico has decided to retract the topic of "Limiting the number of credits needed to graduate with a bachelors in civil engineering from an accredited university with the desired outcome of more masters degrees in civil engineering. Do you agree or disagree? Why or why not?"

This previously established topic will no longer be used for the Technical Paper portion of the competition.

The technical paper, instead, will be up to each school individually. The technical paper should be written about a technical issue such as the research your school is currently conducting or will be in the near future.

Time and place of this event has not changed. Submission of papers is described under "General Information" in this mailer.



Non-technical Paper

As clarification, the non-technical paper will be based on the same topic as the Daniel W. Mead paper. This topic is:

"Should the Engineer of Record (who has sealed a set of plans) be held responsible, to any degree, for injury or death to builders or bystanders that occurs during the construction of his/her design?"

The non-technical paper should be submitted to UNM one month prior to the conference along with the Canoe papers. These papers can be submitted to ASCE-UNM via email to asce.unm@gmail.com. See deadlines for submission date. See General Information in this mailer for information on submission format.

* IMPORTANT REMINDER: In order to qualify for the National ASCE Daniel W. Mead competition, a separate competition from the Rocky Mountain Regional Conference, schools are encouraged to submit their Daniel W. Mead papers by March 1st. This competition is separate from the Non-Technical Paper competition being conducted at the 2015 Rocky Mountain Regional Conference in New Mexico. All information about this can be found at:

<http://www.asce.org/templates/award-detail.aspx?id=1486>

Time and place of this event has not changed.

Rocky Mountain Regional Conference 2015

Deadlines



School Registration Form Due:	Nov 30, 2014
School Registration Fee Due:	Nov 30, 2014
Student Pre-Registration Form Due:	February 6, 2015
Student Pre-Registration Fee Due:	February 6, 2015
Late Registration:	Check-In (see Student Pre-Registration Form in First Mailer for details)
Last Day to change Events you will be competing in:	February 20, 2015
Canoe Paper (due to UNM):	March 3, 2015
Technical Paper:	March 3, 2015
Non-technical Paper (Daniel W. Mead Paper due to UNM):	March 3, 2015

Electronic forms should be emailed to: asce.unm@gmail.com with a subject title such as "ASCE - Registration Form - *Your University*."

Please send fees along with a copy of your completed form to:

UNM - ASCE
Department of Civil Engineering
MSC 01 1070
1 University of New Mexico
Albuquerque, NM 87131

Checks to be made out to: UNM - ASCE

Submission of papers is described under "General Information" in this mailer.

Rocky Mountain Regional Conference 2015

Tentative Schedule



Thursday, April 9, 2015		
Event	Time	Location
Registration	4PM-7PM	Stamm Commons - CENT building Room 1044
Charity Event	4PM-7PM	Courtyard - CENT Building
Dinner	6PM-7:30PM	Grass area outside - east side of CENT building
Charity Event Judging	7PM-7:30PM	Courtyard - CENT Building
Judge's Meeting	7PM-9PM	Stamm Commons - CENT building Room 1044
Friday, April 10, 2015		
Event	Time	Location
Registration	7AM-9AM	Johnson Field
Canoe and Bridge Drop off	7:00 AM	Johnson Field
Chapter Presentations	7:30AM-9:30AM	Auditorium - CENT Building Room 1041
Canoe Presentations	9:30AM-12PM	Auditorium - CENT Building Room 1041
Bridge Set-Up	9AM-10AM	Johnson Center - Auxiliary Gym
Bridge Captain's Meeting	9:30AM-10AM	Johnson Center - Auxiliary Gym
Bridge Aesthetics and Judging	10AM-11AM	Johnson Center - Auxiliary Gym
LUNCH	12PM-1PM	Johnson Field
Technical Paper	1PM-5PM	Auditorium - CENT Building Room 1041
Non-technical Paper	1PM-5PM	SMLC Auditorium
Canoe Aesthetics and Judging	1:30PM-3PM	Johnson Field
Bridge Competition	1:30 PM	Johnson Center - Auxiliary Gym
Pre-design	1:30PM-2:30PM	Stamm Commons - CENT building Room 1044
Mystery Design	2:30PM-5:30PM	Stamm Commons - CENT building Room 1044
Business Meeting	6PM-7PM	Stamm Commons - CENT building Room 1044
Saturday, April 11, 2015		
Event	Time	Location
Canoe Drop off	8AM-9AM	Cochiti Lake
Canoe Captain's Meeting	9AM-9:30AM	Cochiti Lake
Swamp Testing	9:30AM-10:30AM	Cochiti Lake
Canoe Racing	10:30AM-12:30PM	Cochiti Lake
LUNCH	12:30PM-1:30PM	Cochiti Lake
Canoe Racing Continued	1:30PM-3:30PM	Cochiti Lake
Awards Banquet	6PM-9PM	Embassy Suites



Chapter Presentations: 7:30AM, April 10, 2015 - Auditorium in Centennial Engineering Building (CENT)

Max time allotted: 5 minutes (+/- 5 seconds) presenting, 5 minute overlay between presentations

1. University of New Mexico
2. New Mexico State University
3. Salt Lake City Community College
4. South Dakota School of Mines and Technology
5. United States Air Force Academy
6. University of Colorado - Denver
7. University of Utah
8. University of Wyoming
9. Utah State University
10. Brigham Young University
11. Colorado School of Mines
12. Colorado State University - Fort Collins
13. Colorado State University - Pueblo
14. Metropolitan State of University of Denver
15. New Mexico Institute of Mining and Technology

Canoe Presentations: 9:30AM, April 10, 2015 - Auditorium in Centennial Engineering Building (CENT)

Max time allotted: 5 minutes (+/- 5 seconds) presenting, 5 minute overlay between presentations

1. Colorado School of Mines
2. Colorado State University - Fort Collins
3. Colorado State University - Pueblo
4. Metropolitan State of University of Denver
5. New Mexico Institute of Mining and Technology
6. New Mexico State University
7. Salt Lake City Community College
8. South Dakota School of Mines and Technology
9. United States Air Force Academy
10. University of Colorado - Denver
11. University of Utah
12. University of Wyoming
13. Utah State University
14. University of New Mexico
15. Brigham Young University



Technical Paper: 1PM, April 10, 2015 - Auditorium in Centennial Engineering Building (CENT)

Max time allotted: 5 minutes (+/- 5 seconds) presenting, 5 minute overlay between presentations

1. University of New Mexico
2. Brigham Young University
3. Colorado School of Mines
4. Colorado State University - Fort Collins
5. Colorado State University - Pueblo
6. Metropolitan State of University of Denver
7. New Mexico Institute of Mining and Technology
8. New Mexico State University
9. Salt Lake City Community College
10. South Dakota School of Mines and Technology
11. United States Air Force Academy
12. University of Colorado - Denver
13. University of Utah
14. University of Wyoming
15. Utah State University

Non Technical Paper: 1PM, April 10, 2015 - Science & Math Learning Center (SMLC) Auditorium

Max time allotted: 5 minutes (+/- 5 seconds) presenting, 5 minute overlay between presentations

1. University of Utah
2. University of Wyoming
3. Utah Stat University
4. University of New Mexico
5. Brigham Young University
6. Colorado School of Mines
7. Colorado State University - Fort Collins
8. Colorado State University - Pueblo
9. Metropolitan State of University of Denver
10. New Mexico Institute of Mining and Technology
11. New Mexico State University
12. Salt Lake City Community College
13. South Dakota School of Mines and Technology
14. United States Air Force Academy
15. University of Colorado - Denver



What meals will UNM be providing?

These are the restaurants that we have reserved for the event. Included is their website for your reference in case of allergies or food preferences. All meals will have a vegan/vegetarian option. All drink options will be provided by Pepsi and will include an assortment of soda/pop/coke and bottled water. Some meals have not been set (such as the banquet meal on Saturday), we need more precise numbers of attendees before this can be a set meal plan. Look for updated meals on our website: <http://www.unm.edu/~asce/visitingsschool.html>

Thursday Dinner - Buca di Beppo <http://www.bucadibeppo.com/find-restaurants/>

Friday Lunch - Dion's Pizza <http://www.dions.com/menu/>

Saturday Lunch - Provided by ASCE New Mexico Chapter (possibly burgers and chips)

Saturday Dinner - Embassy Suites

Lunch hour on Saturday, April 11th at Cochiti Lake will be a break for all participants including judges. However, we do hope to have this a quick process so as to not delay time before the Awards Banquet later that day.

Filling out the registration form for your faculty members(s).

Please see the Revised Registration Form. There are now boxes to indicate which member you are registering as from your university.

Revised Registration Form

Please fill out the registration form found in this mailer instead of the "Student Pre-Registration Form" from the First Mailer. If you have already sent in your "Student Pre-Registration Form" from the First Mailer please expect a follow-up email. There is some information we will need in order for this process to be complete for each participant, including each student's National ASCE Identification (ID) Number, see below.

How to register to be a National ASCE Student Member for free.

Go to: <http://www.asce.org/join/> and click "Sign Up Now."

Fill out information appropriately.

NOTE: when you are on the registration page "Affiliated Organizations" be sure to read all titles blocks above the fill bubbles. In particular towards the bottom there is a section that looks like you are continuing registering for ASCE with your university however this is to register for Engineers Without Borders (EWB). While this is a great organization to join, selecting the bubble/box for this will automatically up your Member Sign-Up from free to \$60. If you wish to sign up with EWB this is the spot to do it. If you accidentally selected the bubble under this section but wish to not be an EWB member at this time you will have to "clear all fields" at the bottom of the page. This will deselect the check box at the top of the webpage which is needed for ASCE Member registration. Be sure to reselect this box before continuing.



Submitting your papers for the competition:

Concrete Canoe Papers: Due to UNM by March 3, 2015

- Section 6.3 in the Canoe Rules for paper submission rules states:

“For the Conference Competitions, each school shall provide five (5) bound copies of the Design Paper and five (5) compact discs (CD) of electronic copies of the Design Paper and the Engineer’s Notebook. The electronic copy of the Design Paper and Notebook shall be provided as separate documents in PDF format and copied onto the CD. The Concrete Mixture Design Tables are to be provided in Microsoft Excel™ format. A copy of the Design Paper shall also be provided in a document file of the word processing program used (such as Microsoft Word™, Microsoft Publisher™, etc.). The files shall not to be password protected. **Appendix D provides information on the formatting of all electronic deliverables.** The electronic submission shall be considered the official and final version of both the Design Paper and Engineer’s Notebook. **The hard copies and electronic submission (CDs) of the Design Paper and Engineer’s Notebook, as outlined above, must be received by the date specified by the conference host school or be subject to penalties.** The CNCCC does not dictate the deadlines for submission at the Conference Competitions; however, the CNCCC recommends that the host school provides a deadline at least 3 to 4 weeks prior to the competition in order to give judges adequate time to review and score the papers.”

Found: http://www.asce.org/uploadedFiles/Membership_and_Communities/Student_Chapters/Concrete_Canoe/Content_Pieces/nccc-rules-and-regulations.pdf

All submissions of Concrete Canoe Papers and relevant documents must be in the possession of UNM by March 3, 2015. The materials will be given to judges on March 9th, four (4) weeks prior to the competition, for scoring. Submit electronic documents to asce.unm@gmail.com and physical documents to:

UNM - ASCE
Department of Civil Engineering
MSC 01 1070
1 University of New Mexico
Albuquerque, NM 87131

Technical and Non-technical Paper Submissions: Due to UNM by March 3, 2015

- submissions of these papers are due via email to asce.unm@gmail.com in Microsoft Word™ or Adobe PDF formats.

Rocky Mountain Regional Conference 2015

Your Competition



Here is the information we have about which Universities will be participating in each event. Please double check that your school has been marked correctly. If there are changes to be made please email asce.unm@gmail.com. The last day to change the events your school will be competing is February 20, 2015.

Updated as of January 10, 2015. Subject to change.

	Charity Event	Chapter Presentations	Concrete Canoe Competition	Steel Bridge Competition	Technical Paper	Non-Technical Paper	Mystery Design	Pre-design
Brigham Young University	X	X	X	X	X	X	X	X
Colorado School of Mines	X	X	X	X	X	X	X	X
Colorado State University - Fort Collins	X	X	X	X	X	X	X	X
Colorado State University - Pueblo	-	-	-	-	-	-	-	-
Metropolitan State of University of Denver	-	X	X	X	X	-	X	-
New Mexico Institute of Mining and Technology	X	X	X	X	X	X	X	X
New Mexico State University	X	X	X	X	X	X	X	X
Salt Lake City Community College	?	X	?	?	X	?	?	?
South Dakota School of Mines and Technology	X	X	X	X	X	X	X	X
United States Air Force Academy	X	X	X	X	X	X	X	-
University of Colorado - Boulder	?	X	?	?	X	?	?	?
University of Colorado - Denver	X	X	-	X	X	-	X	X
University of New Mexico	X	X	X	X	X	X	X	X
University of Utah	-	X	-	X	X	-	-	-
University of Wyoming	X	X	X	X	X	X	X	X
Utah State University	X	X	X	X	X	X	X	X
Event Participating in	X							
Have not received confirmation of participation	?							
Not participating in event	-							

Rocky Mountain Regional Conference 2015

Revised Registration Form



- Revised Registration Form: Please fill out the registration form on this mailer instead of the “Student Pre-Registration Form” from the First Mailer. If you have already sent in your “Student Pre-Registration Form” from the First Mailer please expect a follow-up email. There is some information we will need in order for this process to be complete for each participant. You may mail this form in or email a PDF to the contact information found on the “deadlines” page of this mailer.
- EACH person that plans on attending the 44th Annual Rocky Mountain Region Conference in Albuquerque, NM on April 9-11, 2015 must fill this form out and send in their registration fee of \$60 no later than February 6, 2015.
- Late registration: Any registrations postmarked February 6, 2015 must pay an additional late fee of \$10 (for a total of \$70 registration fee). Any students, faculty, or friend that arrives at the conference without pre-registering must pay the late registration fee at check-in.
- The \$60 Fee Will Cover The Following:
 - ❖ Conference Banquet
 - ❖ Meals indicated in this mailer
 - ❖ Conference T-Shirt
 - ❖ Event Fees

Part I

I am:

- Participating Student (must fill in valid National ASCE ID Number below)
- Faculty Member
- Friend (Non-participating member attending conference)

Name: _____

University Name: _____

Student's National ASCE ID Number: _____

- Any member planning on participating must be registered with National ASCE or their team may be penalized. See “General Information” for directions on how to register for free.

Part II

What t-shirt size would you feel most comfortable? _____

- Any person wanting a t-shirt will need to fill this form out with \$60 fee and send in to UNM ASCE Student chapter.

End of Second Mailer.