

Salt Lake City



The UNM AiChE Student Chapter had the opportunity to take 26 undergraduate students from the Chemical and Biological Engineering Department to the Annual Student Conference in beautiful Salt Lake City, Utah. Of those 26 students, 4 presented their research at the student poster competition and 2 were selected to host a workshop on “Building Relationships with

Professors and Graduate Students”. Please refer to the following pages for more information regarding these activities.

Every student had the opportunity to attend technical talks and workshops, as well as the career and graduate school fair. Several UNM students were given immediate on-site interviews, while several more gained invaluable contacts at graduate schools. In addition to networking with industry and academia professionals, the Lobos made numerous peer contacts at schools across the world. Overall, UNM’s participation at the AiChE Annual Student Conference was immensely successful!

UNM AiChE would like to recognize the following organizations for their incredible support of the chapter’s conference efforts:

UNM School of Engineering

The Chemical and Biological Engineering Department

UNM Engineering Student Services: STEP Program

Thank you, we couldn’t have attended conference without your help!



- UNM students pose for a quick picture after the keynote brunch, before heading off to various technical talks.
- Allan McDonald, Director of the Space Shuttle Solid Rocket Motor Project during the Space Shuttle Challenger accident, gave this year’s keynote speech.



Chris Hirani (left) and Julian Vigil (right) showing off their first place awards.

UNM co-hosts its first Conference Workshop

UNM CBE seniors Nicholas Baker and Troy Ramos were selected to co-lead a workshop on Building Relationships with Professors and Graduate Students. Both have had the opportunity to complete undergraduate research during their studies at UNM, and were able to provide useful insight into the environment of academia research.

This workshop was available to all 1,700 students attending the Annual Student Conference, many of whom were in the audience. UNM AIChE is very proud of our fellow Lobos for representing our chapter so well!

UNM Students bring home the Gold

This year four UNM students presented their research at the annual undergraduate poster competition.

Senior Jolie Lucero presented on “Scale up Batch Reaction of Precision Polymers” in the Catalysis and Reaction Engineering category.

Junior Mariah Austin was also placed in this category for her research “A Continuous Stirred Tank Reactor for the Systematic Control of Gold Nanoparticle Size”.

Junior Julian Vigil completed his presentation in the Materials Engineering and Science category entitled “Cobalt-Based Thin Film Nanostructures as Bifunctional Electrocatalysts for Overall Water Splitting”.

Sophomore Chris Hirani was placed in the Environmental category with his research, “Determining Chemical Composition of Wildfire Ash Particulates”.

Julian Vigil and Chris Hirani are awarded 1st Place

UNM AIChE was thrilled that two of our students received 1st place awards in their respective categories. So thrilled, that we may have had the loudest cheer in the entire awards ceremony! We strongly believe that this is just the beginning of UNM AIChE members showcasing the high caliber research done by students at our school.

Our members have done research in collaboration with UNM, Sandia National Laboratories, the US Department of Energy, Los Alamos National Laboratories, the UNM School of Medicine, and numerous other organizations. UNM AIChE is very proud of the outstanding students we have recruited and look forward to representing our chapter, as well as UNM, at future conferences!



Troy Ramos (left) and Nicholas Baker (right) presenting at the workshop.



Future UNM AIChE Endeavors

With our finals fast approaching, UNM AIChE is already looking forward to the upcoming semester. Next spring we will be heading to Tucson, Arizona, for the Rocky Mountain Regional Conference. While in Tucson we will be entering the ChemE Car competition, ChemE Jeopardy, and Poster competitions.

This will be our 3rd consecutive year competing in the ChemE Car and ChemE Jeopardy events. We are working hard to ensure we qualify for the national competitions, and can use all the support we can get! If you are interested in joining either of these teams, let us know! We always have room for more members!

Additionally, we look forward to completing more outreach and fundraising events to build our chapter image at UNM and within the community. Be on the lookout for upcoming events on our website! If you are interested in joining our email list for more up-to-date information, please send us an email with your name and email address.

Thank you for supporting your future Chemical Engineers!

Contact Us

Interested in joining the UNM AIChE Chapter or getting to know our students?

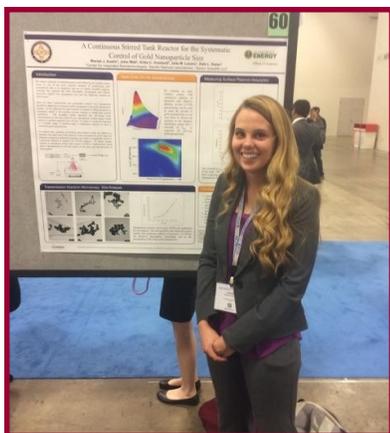
Please feel free to email us at:

aiche@unm.edu

Visit us on the web at:

<http://unmaiche.wix.com/home>

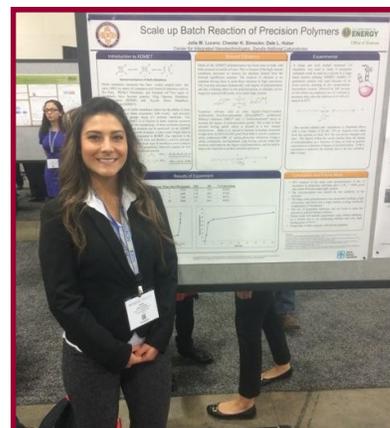
<http://www.aiche.org/community/students/chapters/university-new-mexico-student-chapter>



Junior Mariah Austin presenting her research at the poster competition.



Seniors Esau Woodhouse, Nick Baker, and Troy Ramos (left to right) in front of the Salt Palace Convention Center.



Senior Jolie Lucero presenting her research at the poster competition.



UNM AIChE Group Dinner at the Salt Lake City Bucca di Beppo Restaurant.