EXPO VII JUDGE HANDBOOK

BE A JUDGE
YOUR EXPERTISE IS NEEDED TO JUDGE OUR STUDENTS IN AN ELEVATOR PITCH CONTEST AND POSTER COMPETITION

SCHOOL OF ENGINEERING

ENGINEERING EXPO VII

FRIDAY, MAY 6, 2022
1-4 p.m.
CENTENNIAL ENGINEERING CENTER

ENGINEERING EXPO IS AN ANNUAL EVENT THAT SHOWCASES OUR OUTSTANDING SENIOR STUDENT CAPSTONE PROJECTS TO OUR CORPORATE PARTNERS AND OTHER STUDENTS AND FACULTY. MEET SOME OF OUR BRIGHTEST STUDENTS, WHO ARE POISED TO MAKE AN IMPACT IN THE WORLD OF ENGINEERING.

JOIN US FOR LUNCH BEFORE THE EXPO
Noon-1 p.m.
CENTENNIAL ENGINEERING CENTER COURTYARD

SIGN UP TODAY!
CONTACT COURTNEY HOLMES AT COURT6@UNM.EDU OR (505) 277-0664

FREE PARKING AVAILABLE IN THE LOT ON THE NORTHWEST CORNER OF CENTRAL AND UNIVERSITY
Senior Design Expo Schedule  
Friday May 6, 2022

Thank you for volunteering to serve as a judge for the 2022 Senior Design Expo.

This is a chance for our students to demonstrate their senior projects, a requirement for graduation. Five departments are participating, Chemical and Biological Engineering, Civil Engineering, Electrical and Computer Engineering, Nuclear Engineering and Mechanical Engineering.

Successful presentations are concise, clear and well explained; they are not required to be highly technical.

Below you will find a schedule of events along with basic guidelines for judging. Please do not hesitate to reach out to Jamie Gomez with questions at jrgomez@unm.edu

Please park in the P lot on the Northwest corner of Central and University. We have notified parking services so you do not need a parking pass.

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Location</th>
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<tbody>
<tr>
<td>12:00 PM – 12:30 PM</td>
<td>Buffet lunch with SOE students, faculty, and staff.</td>
<td>Centennial Engineering Center, directly in front of the Robert J. Stamm Commons, 1st floor SE corner</td>
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<td>Optional, but please let us know if you will be attending.</td>
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<tr>
<td>12:30 PM – 1:00 PM</td>
<td>Overview and explanation of judging criteria from faculty event organizer, Jamie Gomez and conversation with other expo judges.</td>
<td>Centennial Engineering Center, Rm 1032</td>
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| 1:00 PM – 2:00 PM | **Poster judging**  
Please drop off your score sheets by 2:30 pm in room 1032. We encourage you to stay for the pitches and awards. | Robert J. Stamm Commons and Courtyard                                     |
| 2:00 PM – 3:30 PM | **Pitch judging**  
Your scores will be collected and tabulated after a few pitches. | Pitches: Centennial Engineering Center, Larrañaga Engineering Auditorium |
| 3:45 PM – 4:00 PM | **Presentation of awards**                                               | Centennial Engineering Center, Larrañaga Engineering Auditorium          |
Judging A Poster? Here’s What To Do
Date: May 6, 2022
Time: 1:00-2:00 pm
Location: Stamm Room & Courtyard

Overview:
Depending on the number of judges, you may judge all or a limited number of posters. If you are judging a limited number of posters, find your assigned posters and spend 3-5 minutes listening to the poster presentation. There are approximately 30 posters.

Scores will be tabulated after all pitches and posters have been reviewed. We encourage you to stay for the award presentation which takes place at 3:45 pm or shortly after in the Centennial Engineering Center Larrañaga Engineering Auditorium.

Guiding Questions:
How eye catching was the poster display?
Was the poster presentation easy to understand and concise?
Was a problem presented clearly? What was the need?
Is the solution an improvement? Does it add societal value?
What does the team suggest to management moving forward? Go or No-Go?
What is the overall project risk? Stakeholder risk when project parameters vary?
Did the conclusion address project objectives? Were critical success factors met? If a team is successful, it has met its critical success factors as laid out in their project plan.
Did the student present for at least 5 minutes?

Poster Evaluation Sample (project titles will be included on copy presented to you on the day of the Engineering Expo)

Scoring: 3-Excellent  2- Fair  1- Inadequate

<table>
<thead>
<tr>
<th>PROJECT TITLES</th>
<th>Visual Impact</th>
<th>Poster Organization</th>
<th>Problem? Solution?</th>
<th>Does it further understanding?</th>
<th>Ability to answer questions</th>
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Judging A Pitch? Here’s What To Do
Date: May 6, 2022
Time: 2:00-3:30 pm
Location: CEC Auditorium

Overview:
Each team will pitch for 3 minutes with a 1-minute Q&A and 1-minute transitions between presentations. There are approximately 15 teams. Teams will be timed and reminded of remaining time.

Based on the number of judges, you may take turns judging one pitch while using the next pitch to finalize your notes.

Scores will be tabulated after all pitches and posters have been reviewed. We encourage you to stay for the award presentation which takes place at 3:45 pm or shortly after in the Centennial Engineering Center Larrañaga Engineering Auditorium.

Guiding Questions:
Did the team mention who they are? Investors invest in people.

Does the idea solve a real problem? Level of knowledge of the problem and any existing solutions

What is the solution? Innovative, practical and solves the problem

What are the benefits? Economic, Societal, Environmental

What does the team suggest to management moving forward? Go or No-Go

What are the project risks? If you do or don’t take action

Pitch Evaluation Sample (project titles will be included on copy presented to you on the day of the Engineering Expo)

Scoring: 3-Excellent  2- Fair   1- Inadequate

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<tr>
<th>PROJECT TITLES</th>
<th>Who is the team?</th>
<th>What is the project?</th>
<th>Project motivation &amp; potential benefits</th>
<th>Concepts &amp; features</th>
<th>Concise, clear, compelling?</th>
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Location and parking instructions

Parking:
Parking has been reserved for your visit. Please park in the P lot located on the northwest corner of University Blvd and Central Ave. You will not need to display anything. You can find the map here.

Location:
UNM Main Campus

Centennial Engineering Center courtyard (outside)Building 112 on the campus map.
Please cross over University Blvd. Walk north past the Mechanical Engineering Building to the Centennial Engineering Center. Please use the doors located on the southwest side to enter.