



2025 ESSENTIAL EVENT GUIDE

SCHEDULES AND MAPS



**APRIL 6 – 9, 2025 IN
LAS CRUCES, NM**

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2025 Design Contest Universities



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Sunday Afternoon, 6 April

Flash Pitch Competition Schedule

Team numbers listed above correspond to the first two digits of the team name.

The full team name is not to be shared with Flash Pitch Judges.

Time	Ventanas 1 Briggs Clark Ringwood	Ventanas 2 Brewer Shabazz De Lair	Ventanas 3 Cuesta Fuqua Pines	Theater Bloomquist Patricolo Rodriguez
4:30 PM - 4:39 PM	05	02	27	07
4:39 PM - 4:48 PM	17	29	23	10
4:48 PM - 4:57 PM	28	19	09	04
4:57 PM - 5:06 PM	01	24	20	12
5:06 PM - 5:15 PM	8	13	25	22
5:15 PM - 5:24 PM	15	21	16	03
5:24 PM - 5:33 PM	14	11	06	26
5:33 PM - 5:42 PM	—	—	—	18

Monday Morning, 7 April

Oral Presentation Schedule

Time	Ventanas 1 Tasks 1 and 2	Ventanas 2 Task 3	Ventanas 3 Task 5	Theater Tasks 4 and 6
8:30 AM - 9:05 AM	25-NMSU-2	20-CalPoly SLO-3	12-Ohio-5	13-UI-4
9:15 AM - 9:50 AM	18-CalPoly SLO-2	02-LSU-3	05-WashU-5	27-NMSU-4
10:00 AM - 10:35 AM	16-CalPoly SLO-1	04-WashU-3	14-UI-5	15-TAMUK-4
10:45 AM - 11:20 AM	01-LSU-1	08-ISU-3	06-NDSU-5	26-NMSU-4
11:30 AM - 12:15 PM	Lunch in Ventanas Ballrooms			
12:15 PM - 12:50 PM	29-Ole Miss-1	10-MTU-3	21-NMSU-5	19-CalPoly SLO-4
1:00 PM - 1:35 PM	07-ISU-1	23-RPI-3	03-LSU-5	24-NMSU-6
1:45 PM - 2:20 PM	17-CalPoly SLO-1	11-Ohio-3	09-ISU-5	22-U of A-6
2:30 PM - 3:10 PM		–	30-BYU-5	28-NMSU-6
3:15-3:30 PM	Teams set up posters and easels in Ventanas Ballrooms. Look for your team’s posted easel location.			
3:30–4:45 PM	Poster Presentations: Teams + Judges; Ventanas Ballrooms			

Monday Afternoon, 7 April

Poster Session Judging, Ventanas Ballroom

(P. 1 of 3)

Task 1 – Post-Wildfire Watershed Mitigation

Time	Judges: Howell Neff	Judges: Tonander Mannarswamy	Judges: Mcintier Sun
3:30 PM - 3:40 PM	01-LSU-I	07-ISU-I	29-Ole Miss-I
3:40 PM - 3:50 PM	07-ISU-I	01-LSU-I	17-CalPoly SLO-I
3:50 PM - 4:00 PM	16-CalPoly SLO-I	29-Ole Miss-I	01-LSU-I
4:00 PM - 4:10 PM	17-CalPoly SLO-I	16-CalPoly SLO-I	07-ISU-I
4:10 PM - 4:20 PM	29-Ole Miss-I	17-CalPoly SLO-I	16-CalPoly SLO-I

Task 2 – Smart Grids with Hydrogen Integration

Time	Judges: Banihani Solis	Judges: Calvillo Duran	Judges: Terrazas Rajurkar
3:30 PM - 3:40 PM	18-CalPoly SLO-2	25-NMSU-2	—
3:40 PM - 3:50 PM	25-NMSU-2	18-CalPoly SLO-2	—
3:50 PM - 4:00 PM	—	—	25-NMSU-2
4:00 PM - 4:10 PM	—	—	18-CalPoly SLO-2

Monday Afternoon, 7 April

Poster Session Judging, Ventanas Ballroom

(P. 2 of 3)

Task 3 – Using Fungi to Remediate Mining Waters			
Time	Judges: Isleyen Weatherly	Judges: Marquez Deemer	Judges: Struttman West
3:30 PM - 3:40 PM	11-Ohio-3	10-MTU-3	02-LSU-3
3:40 PM - 3:50 PM	23-RPI-3	02-LSU-3	04-WashU-3
3:50 PM - 4:00 PM	20-CalPoly SLO-3	04-WashU-3	08-ISU-3
4:00 PM - 4:10 PM	10-MTU-3	08-ISU-3	11-Ohio-3
4:10 PM - 4:20 PM	02-LSU-3	11-Ohio-3	23-RPI-3
4:20 PM - 4:30 PM	04-WashU-3	23-RPI-3	20-CalPoly SLO-3
4:30 PM - 4:40 PM	08-ISU-3	20-CalPoly SLO-3	10-MTU-3

Task 4 – Dust Mitigation in Lunar Habitats			
Time	Judges: Fowlie	Judges: Maes	Judges: Montoya
3:30 PM - 3:40 PM	19-CalPoly SLO-4	27-NMSU-4	15-TAMUK-4
3:40 PM - 3:50 PM	13-UI-4	26-NMSU-4	19-CalPoly SLO-4
3:50 PM - 4:00 PM	27-NMSU-4	15-TAMUK-4	13-UI-4
4:00 PM - 4:10 PM	26-NMSU-4	19-CalPoly SLO-4	27-NMSU-4
4:10 PM - 4:20 PM	15-TAMUK-4	13-UI-4	26-NMSU-4

JUDGE SCHEDULE

See pp. 23—31 for detailed Oral, Poster, and Bench-scale Presentation times.

Events in italics are optional for judges. Please attend all other events. See pp. 23—31 for

2025 WERC Judge Schedule		
Sunday, April 6		
3:00–7:30 PM	Judge Registration	Tortugas Gallery
4:00–4:30 PM	<i>Welcome Ceremony & Flash Pitch I (Optional)</i>	Courtyard & Ventanas
4:30–5:45 PM	<i>Flash Pitch Competition, Round I</i>	<i>Ventanas 1, 2, 3, or Theatre</i>
6:00–8:00 PM	<i>Dinner, Keynote Address, Flash Pitch Finals</i>	<i>Ventanas</i>
8:00–9:00 PM	Mandatory Judge Orientation and Judging Group Breakout Sessions	Organ View Terrace
Monday, April 7		
8 AM – 8 PM	<i>Bench-scale area open—PPE required. Judges may browse ahead of Tuesday’s demos</i>	<i>Tortugas Gallery</i>
7:30–8:30 AM	Breakfast Meeting in Judges' Room	Organ View Terrace
8:30–11:30 AM	Oral Presentations	Ventanas 1, 2, 3, or Theatre See detailed Orals schedule
11:30–12:15 PM	Lunch served	Ventanas
12:15–3:10 PM	Oral Presentations	Ventanas 1, 2, 3, Theatre See detailed Orals schedule
3:30–4:50 PM	Poster Judging Session	Ventanas
Tuesday, April 8		
8 AM – 4 PM	<i>Bench-scale area is open. PPE required. Judges will primarily be in the bench-scale area on Tuesday.</i>	<i>Tortugas Gallery</i>
7:30–8:30 AM	Breakfast Meeting in Judges' Room	Organ View Terrace
8:30 AM–12:30 PM	Bench-Scale Demonstration Judging	Tortugas Gallery
12:30–1:15 PM	Lunch served	Ventanas
4:00–5:30 PM	<i>Game Night, Reception, Food (Optional event)</i>	<i>Courtyard/Ventanas</i>
Wednesday, April 9		
9 AM–2:00 PM	Judges–Award deliberations & Lunch	Organ View Terrace
5:30–8:00 PM	<i>Dinner & Awards Ceremony</i>	<i>Ventanas Ballroom</i>

TEAM SCHEDULE

See pp. 23–31 for detailed Oral, Poster, and Bench-scale Presentation times.

2025 WERC Team Schedule		
Sunday, April 6		
8 AM – 9 PM	<i>Bench-scale Area open</i>	<i>Tortugas Gallery</i>
1:00–4:00 PM	Registration, Bench-scale Set-up, Presentation Practice	Tortugas Gallery
4:00–4:30 PM	Welcome Gathering	Courtyard
4:30–5:45 PM	Flash Pitch Competition, Round I	Ventanas 1, 2, 3, or Theatre See detailed F.P. schedule
6:00–7:00 PM	Dinner and Keynote Address	Ventanas
7:00–8:00 PM	Flash Pitch Competition, Finals	Ventanas
8:00–8:30 PM	Mandatory Safety Meeting	Ventanas
8:30–9:00 PM	Bench Scale Set-up/Commissioning	Tortugas Gallery
Monday, April 7		
8 AM – 8 PM	<i>Bench-scale area open. PPE required. Teams: complete peer judging on your own.</i>	<i>Tortugas Gallery</i>
8:30–11:30 AM	Oral Presentations	Ventanas 1, 2, 3, or Theatre See detailed Orals schedule
11:30–12:15 PM	Lunch served	Ventanas
12:15–3:10 PM	Oral Presentations	Ventanas 1, 2, 3, or Theatre See detailed Orals schedule
3:15–3:30 PM	Teams move posters to Ventanas	Ventanas
3:30–4:45 PM	Poster Session Teams + Judges	Ventanas See detailed Poster schedule
Tuesday, April 8		
8 AM – 4 PM	<i>Bench-scale area open. PPE required.</i>	<i>Tortugas Gallery</i>
8:30AM–12:30PM	Bench-Scale Demonstrations	Tortugas Gallery See detailed Bench schedule
12:30–1:15 PM	Lunch served	Ventanas
2:00 PM	Samples/Bench Reports Due	Safety Table
2:00–4:00 PM	Decommissioning & Waste Disposal	Safety Table: Sign-up
4:00–5:30 PM	Game Night, Reception, Food	Courtyard/Ventanas
Wednesday, April 9		
8 AM–5:00 PM	<i>Teams have the morning off while judges deliberate</i>	
5:30–8:00 PM	Dinner & Awards Ceremony	Ventanas Ballroom

Monday Afternoon, 7 April

Poster Session Judging, Ventanas Ballroom

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Task 5 – Produced Water: Valuable Constituent Recovery

Time	Judges: Verner Lanier	Judges: Visairo Reinert Karbakhsh	Judges: Cheben Shamsaddin
3:30 PM - 3:40 PM	12-Ohio-5	09-ISU-5	21-NMSU-5
3:40 PM - 3:50 PM	05-WashU-5	03-LSU-5	12-Ohio-5
3:50 PM - 4:00 PM	14-UI-5	30-BYU-5	05-WashU-5
4:00 PM - 4:10 PM	06-NDSU-5	21-NMSU-5	14-UI-5
4:10 PM - 4:20 PM	09-ISU-5	12-Ohio-5	06-NDSU-5
4:20 PM - 4:30 PM	03-LSU-5	05-WashU-5	09-ISU-5
4:30 PM - 4:40 PM	30-BYU-5	14-UI-5	03-LSU-5
4:40 PM - 4:50 PM	21-NMSU-5	06-NDSU-5	30-BYU-5

Task 6 – Open Task

Gasifier Slag De-watering, Environmental Restoration, Sailboat Sensor.

Time	Judges: Stearns Dietert	Judges: Lopez Borunda	Judges: Badawy Baltazar
3:30 PM - 3:40 PM	24-NMSU-6	28-NMSU-6	22-U of A-6
3:40 PM - 3:50 PM	28-NMSU-6	22-U of A-6	24-NMSU-6
3:50 PM - 4:00 PM	22-U of A-6	24-NMSU-6	28-NMSU-6

Tuesday, 8 April

Bench-scale Judging, Tortugas Gallery

(P. 1 of 3)

Task 1 – Post-Wildfire Watershed Mitigation			
Time	Judges: Howell Mannarswamy	Judges: Tonander Mcintier	Judges: Sun Neff
8:30 AM - 9:00 AM	01-LSU-I	07-ISU-I	29-Ole Miss-I
9:00 AM - 9:30 AM	07-ISU-I	01-LSU-I	17-CalPoly SLO-I
9:30 AM - 10:00 AM	16-CalPoly SLO-I	29-Ole Miss-I	01-LSU-I
10:00 AM - 10:30 AM	17-CalPoly SLO-I	16-CalPoly SLO-I	07-ISU-I
10:30 AM - 11:00 AM	29-Ole Miss-I	17-CalPoly SLO-I	16-CalPoly SLO-I

Task 2 – Smart Grids with Hydrogen Integration			
Time	Judges: Banihani Duran	Judges: Calvillo Rajukar	Judges: Terrazas Solis
8:30 AM - 9:00 AM	—	25-NMSU-2	18-CalPoly SLO-2
9:00 AM - 9:30 AM	—	18-CalPoly SLO-2	25-NMSU-2
9:30 AM - 10:00 AM	25-NMSU-2	—	—
10:00 AM - 10:30 AM	18-CalPoly SLO-2	—	—

Tuesday, 8 April

Bench-scale Judging, Tortugas Gallery

(P. 2 of 3)

Task 3 – Using Fungi to Remediate Mining Waters

Time	Judges: Isleyen West	Judges: Marquez Weatherly	Judges: Struttman Deemer
8:30 AM - 9:00 AM	11-Ohio-3	10-MTU-3	02-LSU-3
9:00 AM - 9:30 AM	23-RPI-3	02-LSU-3	04-WashU-3
9:30 AM - 10:00 AM	20-CalPoly SLO-3	04-WashU-3	08-ISU-3
10:00 AM - 10:30 AM	10-MTU-3	08-ISU-3	11-Ohio-3
10:30 AM - 11:00 AM	02-LSU-3	11-Ohio-3	23-RPI-3
11:00 AM - 11:30 AM	04-WashU-3	23-RPI-3	20-CalPoly SLO-3
11:30 AM - 12:00 PM	08-ISU-3	20-CalPoly SLO-3	10-MTU-3

Task 4 – Dust Mitigation in Lunar Habitats

Time	Judges: Fowlie, Montoya, Maes
8:30 AM - 9:15 AM	26-NMSU-4
9:15 AM - 10:00 AM	15-TAMUK-4
10:00 AM - 10:45 AM	27-NMSU-4
10:45 AM - 11:30 AM	19-CalPoly SLO-4
11:30 AM - 12:15 PM	13-UI-4

Tuesday, 8 April

Bench-scale Judging, Tortugas Gallery

(P. 3 of 3)

Task 5 – Produced Water: Valuable Constituent Recovery

Time	Judges: Verner Shamsaddin Karbakhsh	Judges: Omar Visairo Brett Lanier	Judges: Brittany Cheben Scott Reinert
8:30 AM - 9:00 AM	12-Ohio-5	09-ISU-5	21-NMSU-5
9:00 AM - 9:30 AM	05-WashU-5	03-LSU-5	12-Ohio-5
9:30 AM - 10:00 AM	14-UI-5	30-BYU-5	05-WashU-5
10:00 AM - 10:30 AM	06-NDSU-5	21-NMSU-5	14-UI-5
10:30 AM - 11:00 AM	09-ISU-5	12-Ohio-5	06-NDSU-5
11:00 AM - 11:30 AM	03-LSU-5	05-WashU-5	09-ISU-5
11:30 AM - 12:00 PM	30-BYU-5	14-UI-5	03-LSU-5
12:00 PM - 12:30 PM	21-NMSU-5	06-NDSU-5	30-BYU-5

Task 6 – Open

Gasifier Slag De-watering, Environmental Restoration, Sailboat Sensor

Time	Judges: Stearns Borunda	Judges: Lopez Baltazar	Judges: Badawy Dietert
8:30 AM - 9:00 AM	24-NMSU-6	28-NMSU-6	22-U of A-6
9:00 AM - 9:30 AM	28-NMSU-6	22-U of A-6	24-NMSU-6
9:30 AM - 10:00 AM	22-U of A-6	24-NMSU-6	28-NMSU-6

NM Farm and Ranch Heritage Museum Map



Areas highlighted in New-Mexico **Turquoise** are for WERC.

Please do not go beyond the Eastern line of trees or Southeast of the Amphitheater.



