

JUMP into STEM: 2022 Final Competition Schedule

Start Time EST	End Time EST	Duration	Title	Description
DAY 1 (Jan 27, 2022)				
10:00 AM	10:10 AM	0:10	Competition Welcome	Opening presentation by Oak Ridge National Laboratory
10:10 AM	10:20 AM	0:10	Building Technologies Office Welcome (DOE-BTO)	Welcome by U.S. Dept. of Energy Building Technologies Office
10:20 AM	10:25 AM	0:05	JUMP into STEM Overview	
10:25 AM	10:40 AM	0:15	Welcome by the JUMP into STEM National Laboratories	Welcome by: Oak Ridge National Lab National Renewable Energy Lab Pacific Northwest National Lab
10:40 AM	11:00 AM	0:20	JUMP into STEM Program and Internship Overview	Quick overview of JUMP into STEM Program and Internship Opportunity
11:00 AM	11:15 AM	0:15	Keynote Speaker: Trina Bilal	
11:15 AM	11:35 AM	0:20	Break	
11:35 AM	11:45 AM	0:10	Industry Sponsor Virtual Tour: HyStor Energy	
11:45 AM	12:00 PM	0:15	Career Panel Introduction	
12:00 PM	12:45 PM	0:45	Career Panels: Student Session 1	Students meet in small groups with DOE, Laboratory Researchers, and Industry Professionals
12:45 PM	1:30 PM	0:45	Career Panels: Student Session 2	
1:30 PM	2:00 PM	0:30	Break	
2:00 PM	2:10 PM	0:10	Industry Sponsor Virtual Tour: Clayton Home Building Group	
2:10 PM	2:30 PM	0:20	Trivia Challenge	Students play for prizes
2:30 PM	3:45 PM	1:15	Student Networking: 2 Truths and 1 Lie	
3:45 PM	4:00 PM	0:15	Day 1 Closing & Day 2 Overview	

Industry Sponsors:



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Start Time EST	End Time EST	Duration	Title	Description
DAY 2 (Jan 28, 2022)				
10:00 AM	10:10 AM	0:10	JUMP into STEM Final Event Day 2 Overview	Daily Agenda
10:10 AM	10:15 AM	0:05	Resilience Topic Introduction	
10:15 AM	10:40 AM	0:25	Team 1: "Backup Power in the Wake of Disaster"	University of Tennessee - Knoxville
10:40 AM	11:05 AM	0:25	Team 2: "The Moss Project"	Vanderbilt University
11:05 AM	11:30 AM	0:25	Team 3: "Cowboy Covers"	Oklahoma State University
11:30 AM	11:50 AM	0:20	Trivia Challenge	Students play for prizes
11:50 AM	12:15 PM	0:25	Team 4: "3D Printing Houses with Locally Sourced Materials"	University of Nebraska - Lincoln
12:15 PM	12:40 PM	0:25	Team 5: "Advancing Resilient Communities in Remote Area"	University of Utah
12:40 PM	12:55 PM	0:15	Trivia Challenge	Students play for prizes
12:55 PM	1:15 PM	0:20	Lunch Break	Lunch Gathering
1:15 PM	1:35 PM	0:20	ORNL Virtual Lab Tour	Oak Ridge National Lab
1:35 PM	1:55 PM	0:20	NREL Virtual Lab Tour	National Renewable Energy Lab
1:55 PM	2:00 PM	0:05	Healthy Indoor Air Introduction	
2:00 PM	2:25 PM	0:25	Team 6: "Easiar"	University of Idaho
2:25 PM	2:50 PM	0:25	Team 7: "Windcatchers for Efficiency and IAQ"	University of Nebraska - Omaha
2:50 PM	3:05 PM	0:15	Trivia Challenge	Students play for prizes
3:05 PM	3:10 PM	0:05	Market Adoption Introduction	
3:10 PM	3:35 PM	0:25	Team 8: "Optimal Control of Building HVAC using Machine Learning"	University of Texas at Dallas
3:35 PM	4:00 PM	0:25	Team 9: "Key Card Power Switch"	Embry-Riddle Aeronautical University
4:00 PM	4:20 PM	0:20	PNNL Virtual Lab Tour	Pacific Northwest National Lab
			Student Networking: Internships	Competitors meet past winners who share their experiences
4:20 PM	5:00 PM	0:40	Professor Session: Planning for JUMP 2023	Professors and JUMP staff meet to discuss future program plans
5:00 PM	5:15 PM	0:15	Feedback Session	Students and Professors provide insight into their JUMP experience
5:15 PM	5:30 PM	0:15	Break	
5:30 PM	6:00 PM	0:30	Announcement of Winners	Trivia and Internship Winners Announced!