



YOUR SUPPORT MAKES A DIFFERENCE

Through a mix of in-person and virtual pathways, thousands experienced engineering and computer science education at the University of Idaho through the 28th annual 2021 Engineering Design EXPO.

5,000+

online users from 28 countries explore capstone projects and engage in virtual Extended Experience

EXPO

engineering ▲ design

**2021 VIRTUAL AND
IN-PERSON EVENTS**

I University of Idaho
College of Engineering

315

hands-on STEM activity
supply kits sent to
classrooms across
Idaho and Washington

79%

online users new to
uidaho.edu

400

attend virtual technical presentations, including
65 judges from industry and academia

“Thanks for offering this to students like me. I come from a low-income family, so I appreciate that opportunities exist to encourage students like me to continue to work in perusing our goals.

- Natalie D., EXPO Extended Experience High School Participant

A VERY SPECIAL THANK YOU!

Sponsors and partners for EXPO 2021 included:

- Schweitzer Engineering Laboratories
- Engineering Outreach at the University
- Idaho STEM Action Center
- Battelle Energy Alliance
- NASA Idaho Space Grant Consortium
- Avista
- GeoTek, Inc.
- HP, Inc.
- Idaho Power Company
- Micron Foundation
- POWER Engineers
- J.R. Simplot Company Foundation
- Idaho Forest Group
- Clearwater Paper

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ABOUT THE IMPACT OF EXPO EXTENDED EXPERIENCE

High school, middle school and elementary school students were invited to explore capstone projects remotely, follow along in hands-on activities done at home or in the classroom, take a virtual tour of campus and meet current students, faculty and staff via Zoom sessions.

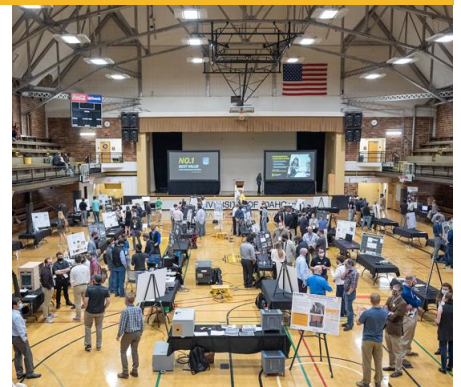
By participating, students could enter to win STEM prizes or a \$2,500 scholarship.

- 2,411 visited the NEW Extended Experience portal to choose from six hands-on STEM activity walkthrough videos
- 84% were first time visitors to a U of I website
- 74% of participants from rural schools and populations underrepresented in STEM
- 46% female participants
- Nearly 400 participated in hands-on activities in the classroom and at home
- 315 STEM activity supply kits sent to classrooms across Idaho and Washington as a part of a pilot program
- 53% indicated they were more likely to pursue engineering after completing experience activities
- 50% indicated they were more likely to apply to U of I after completing experience activities

IN-PERSON EXPO HALL

More than 200 students presented over 50 industry-sponsored projects in-person on April 30, 2021 in Memorial Gym.

Socially distanced and masked, teams presented in shifts to keep building occupancy numbers low.



Though different than years past, this event was a responsible celebration of Vandal engineering before students graduate and enter the workforce.

Despite the challenges of the last year, our EXPO sponsors remain committed to the value of STEM education, hands-on experience and student development.

EXPO is not possible without the support of our industry partners and friends of the College of Engineering.