

Design Competition: Integrating Indoor Living Walls with Contemporary Building Design

2023 Project Criteria

CHALLENGE

The theme of the challenge in 2023 is contemporary building design with indoor living walls. We are looking for innovative design concepts and analysis for integrating indoor living walls in commercial buildings. How does your design concept impact resources (e.g. energy, water, food), health, environment, and social-economical behaviors for contemporary buildings?

IMPORTANT DATES

- Registration open: February 1st, 2023
- Submission deadline: March 31st, 2023
- Competition result announcement: April 28th, 2023

ELIGIBILITY

- Individuals or teams (2-3 students) participating in the 2023 Design Competition need to register on the UW competition website and submit their competition materials before the submission deadline. Students from different majors are encouraged to collaborate and form teams.
- Individuals as well as team members must be a registered student at the University of Wyoming in Spring 2023. If a team is awarded, each student participating as a team will have the prizes as described.

SUBMISSION ELEMENTS

1. Summary
 - Provide a one-page summary (max word limit: 800 words) covering the key design concept, innovative features, and potential impact analysis for the integration of contemporary building design and living walls.
2. Poster
 - Illustrations of the design concept and key features
 - Brief design description (max word limit: 200 words)
 - Include the information of title, team lead, and members

All submitted work must be original work. Proper citations and references must be given if you need to refer to existing studies. Each submission will be reviewed by judges from industry and academia on novelty and creativity and potential impact analysis for contemporary building design.

JUDGING

- Submissions are judged on competition criteria by the competition judging committee.

- Final winners are selected from the judges' recommendations and criteria scores.
- Participating students will receive a notification stating the status of their project submittal(s) on April 28th, 2023.

AWARDS

- First Place: 2TB portable hard drive and one of your favorite books up to \$25
- Second Place: 1TB portable hard drive and one of your favorite books up to \$25
- Third Place: Texas Instruments TI-36X calculator or one of your favorite books up to \$25.

Top winners of the design competition may have the opportunity to be mentored by Civil and Architectural Engineering and Construction Management faculty and participate in selected parts of the research project on building integrated indoor greenery systems sponsored by the National Science Foundation as undergraduate researchers.

QUESTIONS

Please contact the UW competition organizer Dr. Liping Wang at lwang12@uwyo.edu with any questions about this competition.

Please contact Caitlyn Julia Spradley at Caitlyn.Spradley@uwyo.edu with any issues with the website or submission for the competition.