



MUSEUM OF  
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# Design and Build<sup>TM</sup>

**A National  
Art, Architecture &  
Design  
Competition**

**Fourth Annual**

2022 Design Challenge  
“Sanctuary Continental”

## ***Design and Build Competition Abstract***

The Museum of Outdoor Arts (MOA) in Englewood, CO seeks conceptual design proposals for its *Design and Build Competition* from art, architecture, design and other creatively focused USA based collegiate students, teams, and/or classes. This year's theme is "Sanctuary Continental" and submissions should address the challenge of designing a sanctuary or pavilion like structure for one of the seven continents of the world. The design should utilize architecture, landscape architecture, and/or sculpture/installation as a solution while considering environmental impact and sustainability in use of materials. Furthermore, the design should relate to the selected continent in some way and at least 51% of the materials used for the conceptual design should be native to the selected location. Contestant's designs will need to respond with their conceptual project under the premise that the structure will be utilized by the general public in a publicly accessible setting.

Proposals are **due April 10, 2022**.

MOA will award the top three entries with the following prize structure\*:

**1st place-** \$5,000 + winning entry to be archived & featured on competition website

**2nd place-** \$2,500 + winning entry to be archived & featured on competition website

**3rd place-** \$1,000 + winning entry to be archived & featured on competition website

In addition there will be an **Honorable Mention** prize of \$500.

\*If entered as a university class, prize will be awarded to department in which the class resides within the university, with funds going directly to the benefit of department students.

Winning submissions will be placed on the [MOA Design and Build Competition archive website](#).

Read further for full competition brief with complete entry details.

1000 Englewood Parkway Suite 2-230

Englewood, CO 80110

303-806-0444



## ***Design and Build*** **2022 Competition Brief**

### **Organization and Program Background**

#### **Museum of Outdoor Arts (MOA)- Englewood, Colorado**

The mission of MOA is to *make art a part of everyday life.*

Founded in 1981 by commercial real estate Developer, John W. Madden Jr., Marjorie Madden and their daughter, Cynthia Madden Leitner, **MOA** is an arts focused non-profit, private operating foundation, based in the Denver metro area. MOA offers a robust outdoor sculpture collection of over 85 pieces throughout the Englewood and Greenwood Village communities, maintains an indoor art collection, hosts indoor gallery exhibitions, provides education programs and owns and operates [Fiddler's Green Amphitheatre](#). More information can be found at [www.moaonline.org](http://www.moaonline.org).

#### ***Design and Build- Program Background***

The mission of *Design and Build* is to *motivate invention through collaborative creativity.*

Since 1991, MOA's [Design and Build](#) education program has provided an opportunity for emerging artists, students and creative minds to express their creativity in collaborative art, architecture and design projects. Since the inception of the program thousands of students throughout Colorado have collaborated on site-specific installations. Assisted by professional faculty and artists in residence, *Design and Build* participants produce exciting and original site-specific art works for MOA's gallery and public spaces throughout the Denver metro area. Participants find creative solutions to practical challenges as they master the skills to transform their creative ideas into finished pieces.

#### ***Design and Build Competition***

After operating the *Design and Build* program for over 30 years in the Denver metro area, MOA has expanded *Design and Build* to include a national competition as part of the program. 2022 marks the fourth annual, national art, architecture & design competition. The goal of the competition is to cultivate potential from emerging artists, architecture and design students and to allow these creatives the space to conceptualize inventive ideas within a set of boundaries.

The competition garners an online repository of art, architecture and design concepts. The competition is based on an annual theme and/or challenge provided by MOA and cash prizes are awarded to the top four submissions, which includes an honorable mention prize. It is the goal to expand the national competition to allow for international entries in the future. The competition will focus on the USA national level through at least 2023 before taking the competition to an international audience.



## Eligibility Requirements

The competition is open to any undergraduate or graduate student currently enrolled in any US university (recent graduates are eligible to enter for up to one year post graduation). Students should be studying in the field of art, architecture, landscape architecture, design, engineering, and/or other programs that focus on creativity. Entries can be submitted by individuals, teams, or as classes. Collaborative designs are highly desired. Past competition winners must observe a one-year sit out period prior to being eligible to enter future competitions.

## Introduction, Theme & Challenge

We are all familiar with pavilions, gazebos, and other similar types of structures. This competition asks contestants to think outside of the box and design a sanctuary structure for use by the public for one of the seven continents of the world.

Contestants may select the continent of their choice and will be asked through the narrative questions about the reasoning behind their selection and design. The conceptual design should relate to the selected continent in some way and utilize at least 51% native building materials to the selected continent.

Submitted designs should reflect a creative and unique aesthetic and function, and should relate to the site selected by the contestant. The design should utilize architecture / landscape architecture, and/or sculpture/installation as a solution while considering environmental impact and sustainability in use of materials. Concepts may include both permanent and/or temporary structures.

There are no restrictions on the type of setting that the concept should be designed for (i.e. urban, open-space etc.), however, the selected location should be publicly accessible. The final design should not exceed a footprint of 500 square feet, though structures have no height restrictions. Final designs should have an estimated design and build budget of no more than \$250,000 USD.

Furthermore, we want to know how the structure would function as a usable space for the public. Are there particular activities, design elements or technologies that will be implemented as part of the design? Please address this through the narrative portion of your proposal by addressing the questions found in the “items to include in your proposal” section of this competition brief.



## Collaboration

The spirit of *Design and Build* has always been to solve problems and create through collaboration. Collaborative team projects are strongly encouraged and desired, however, all proposals must include narrative about how collaboration would be utilized in realizing the design (i.e. fabricators, engineers and architects must work together to realize any design).

Instructors who take the competition on as a class project are eligible to submit up to three proposals per class. Individual student submissions or student team submissions are also eligible for entry.

## Prizes

MOA will award the top three entries with the following prize structure:

**1st place-** \$5,000 + winning entry to be archived & featured on competition website

**2nd place-** \$2,500 + winning entry to be archived & featured on competition website

**3rd place-** \$1,000 + winning entry to be archived & featured on competition website

In addition there will be an **Honorable Mention** prize of \$500.

\*If entered as a university class, prize will be awarded to department in which the class resides within the university. If entered as a team, prize will be split evenly amongst team members (i.e. If 1st place has 2 team members, each collaborator will receive \$2,500).

## Competition Review Panel

A panel comprised of MOA Board of Trustees and Executive Staff, and, in some cases, an outside expert, will evaluate submissions. While all entries will be submitted digitally, the top ten proposal teams will be invited to virtually present their submissions via video conference to the panel.

Entries will be scored based on the following criteria:

- Originality
- Artistic/creative expression
- Professionalism
- Addressing the challenge
- Technical proficiency
- Safety

**See items to include in your proposal and important dates on the following pages.**

## Items to Include in your Proposal

Proposals should be submitted electronically via the registration website at:  
<https://moaonline.org/design-and-build-2022-competition/> .

Your proposal **MUST** be submitted as **a single file** in PDF format. The file size may not be larger than 50mb. **Files not in PDF format and multiple file submissions will be automatically disqualified!**

Your proposal **MUST** include all of the below items **in THIS order**. Incomplete proposals will be disqualified. All pages of proposals must be formatted for horizontal tabloid sized paper (11"x17").

- **Cover Page**
  - Project title
  - List all contestant names, year in schooling, major and affiliated university. Include email and phone number for each contestant.
  - In case of team/class entry, designate **one** team member to be the primary point of contact. Note the designated contact on the cover page.
- **Biography/background.** Tell us about yourself. May not exceed one page per team member.
- **Resume/cv** for each team member. In case of a class entry, only the primary contact's resume/cv is needed.
- **Site Selection**
  - Provide a site description and answer the following: What continent was selected and why did you choose this site? What significance does the site have to your team and/or the public? How does your design reflect the continent you selected? Do not exceed one page.
- **Project drawings/renderings**
  - At least three but no more than five pages should be dedicated to drawings/renderings of proposed design. You may include as many images as you would like, but this section of your proposal must not exceed five pages of your proposal. At least one image **MUST** be an elevation view in the context of the selected site. Other drawings/renderings can include detail, cross section, site plan views and other renderings. \*A weblink to digitally animated rendering(s) may also be included.
- **Project narrative.** Explain your concept by answering the below questions **in numbered order**. Limited to 3,000 words total.
  1. Describe the proposed materials, including required native materials, and methods used to build/install your structure/artwork/installation.
  2. What is the estimated build/setup time?
  3. How was collaboration utilized in realizing the design?
  4. How will your structure/installation be used by the public?
  5. How does the structure/artwork/installation address the climate in which it would reside?
  6. What type of technology is implemented in your design?
  7. What makes the design environmentally friendly / sustainable?
  8. Open question: Is there anything else you would like to tell us about your proposal?
  9. Provide an estimated budget. (3,000 word limit does not apply to this requirement but the budget should be limited to one page.)

## VI. Submission Instructions

- Please submit your entry via the competition registration form at:  
<https://moaonline.org/design-and-build-2022-competition/>



## MOA Contact

Please do not hesitate to reach out with any questions about the competition. We are here to help and want to make sure you are able to submit the best possible proposal. We offer conference/video calls and site visits (local), if desired.

**Tim Vacca**  
**Design and Build Program Director**  
**MOA**  
**303-353-1712**  
[designandbuild@moaonline.org](mailto:designandbuild@moaonline.org)

## Schedule & Important Dates

- December 2021  
Competition launches
- April 10, 2022 (11:59pm MST, GMT-7)  
Submission deadline
- April 2022  
Top ten proposals selected
- April 2022  
Proposal finalist presentations (via video conference)
- May 2022  
Winning entries announced

## Appendix

### Examples of Sanctuaries / Belvederes / Pavilions

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## Continental Map



Earth has 7 continents. Ordered from largest to smallest, they include: Asia, Africa, North America, South America, Antarctica, Europe, and Australia. Contestants must select a site of their choosing on one of the continents of the world.

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## Sanctuary Example #1

“Occhiolism” by past Design and Build Winners, Katherine Tardiff and Isaac Backhaus.

University of North Carolina at Greensboro



EXTERIOR RENDERING

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## Sanctuary Example #2

“Dynamic Sanctity” by past Design and Build Winners, Natalie Fox, Mitch Mead, Brandon Meinders, and James Sotirossoff.

University of Michigan Ann Arbor



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## Sanctuary Example #3

“Tropical Tranquility” by past Design and Build Winners, Somrita Bandyopadhyay, Harshita Batra, Priyanka Parachoor, and Veena Shah.

University of Virginia Charlottesville



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## Sanctuary Example #4

“Joshua Tree Observatory” by past Design and Build Winners, Brian Castro, Chloe Kiernicki, and Maya Neal.

Georgia Institute of Technology



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