



2016: THE AIRPORT OF THE FUTURE

The Fentress Global Challenge is an annual international competition created to engage students worldwide in the exploration of future design possibilities in public architecture. The competition theme changes to reflect current issues. For 2016, students around the globe are invited to envision “The Airport of the Future.”

Winning students gain international exposure and receive cash prizes and a paid internship.

PAST MEDIA COVERAGE INCLUDES



GUIDELINES

Participants are encouraged to re-envision the terminal building of the future, taking into consideration current technological trends and applying them to the near future. The participant should consider every element of the passenger experience and seek to improve every dimension of the building. Things to consider are urbanization, globalization,

technological innovations, flexibility, security, adaptability, and the traveler experience from “curbside to airside.”

Students must choose a site that is one of the top 30 airports in the world according to Airport Council International (ACI)

Rank City (Airport)

- 1 ATLANTA GA, US (ATL)
- 2 BEIJING, CN (PEK)
- 3 LONDON, GB (LHR)
- 4 TOKYO, JP (HND)
- 5 CHICAGO IL, US (ORD)
- 6 LOS ANGELES CA, US (LAX)
- 7 DUBAI, AE (DXB)
- 8 PARIS, FR (CDG)
- 9 DALLAS/FORT WORTH TX, US (DFW)
- 10 JAKARTA, ID (CGK)
- 11 HONG KONG, HK (HKG)
- 12 FRANKFURT, DE (FRA)
- 13 SINGAPORE, SG (SIN)
- 14 AMSTERDAM, NL (AMS)
- 15 DENVER CO, US (DEN)
- 16 GUANGZHOU, CN (CAN)
- 17 BANGKOK, TH (BKK)
- 18 ISTANBUL, TR (IST)
- 19 NEW YORK NY, US (JFK)
- 20 KUALA LUMPUR, MY (KUL)
- 21 SHANGHAI, CN (PVG)
- 22 SAN FRANCISCO CA, US (SFO)
- 23 CHARLOTTE NC, US (CLT)
- 24 INCHEON, KR (ICN)
- 25 LAS VEGAS NV, US (LAS)
- 26 MIAMI FL, US (MIA)
- 27 PHOENIX AZ, US (PHX)
- 28 HOUSTON TX, US (IAH)
- 29 MADRID, ES (MAD)
- 30 Munich, DE (MUC)

The submission with the highest aesthetic quality and the most fully developed vision will receive the grand prize.

All conceptual design submissions must address the following:

Design

Is the architecture aesthetically pleasing? Is the design flexible and adaptable? Does it work in the proposed site and does it take into account how passengers move through the building? How might the design be a model for the airport of the future?

Technology

What technological innovations might the airport of the future employ? How could technology change the interaction between the passengers and their airport surroundings?

Sustainability

What sustainable strategies might the airport of the future employ? How might this affect the design?

Passenger Experience

How might the passenger experience change in the future? Take into account the different aspects of the terminal building as a “place” or a “non-place.”

ELIGIBILITY

- The Fentress Global Challenge is open to graduate and undergraduate students who are actively enrolled and pursuing architecture or engineering degrees, as well as recent graduates (within the last four years) with a degree in architecture or engineering.
- Students must provide proof of active enrollment status. Registrants are required to provide a scanned copy of their student ID and current course schedule. Recent graduates must provide a scanned copy of their diploma.

COMPETITION SCHEDULE

Competition Announcement	27 May 2016
Design Submission Deadline	01 October 2016
Shortlist Announced	14 October 2016
Winners Announced	01 November 2016
Internship at Fentress Architects	Summer 2017

AWARDS

1st Place

US\$15,000 prize and a certificate (US\$15,000 prize includes US\$5,000 cash, four-week paid internship at Fentress Architects, airfare and lodging)

Interns from outside the U.S. are responsible for obtaining necessary visa and paperwork; Fentress Architects will provide a letter stating an offer for internship. Internship details will be arranged one on one with the winning student.

2nd Place

US\$3,000 cash prize and a certificate

3rd Place

US\$2,000 cash prize and a certificate

People's Choice Award

US \$1,000 cash prize and a certificate

REGISTRATION

- Students must register at theairportofthefuture.com for the competition. One registered you will receive a registration number. You will also receive updates on the competition.

SUBMISSION REQUIREMENTS

This is a digital competition; no hardcopies will be accepted. Participants must email their conceptual design to globalchallenge@fentressarchitects.com by the end of the day on insert correct date (23:00 GMT).

The official language of the competition is English; metric is the official unit measurement.

The design concept shall be submitted in PDF format and include:

- Up to 8 pages in 11.5 x 17 format, landscape orientation
- Large fonts that can be viewed on a projector (Arial or Helvetica)
- A brief overall description of the design concept
- Supporting diagrams, plans, sections and perspectives are encouraged
- Digital file may be no larger than 20MB
- Digital file must be named after the registration number, for example:
FGC20150000.pdf
- Entry must contain the unique registration number in the upper right corner of every page. There may NOT be any names, affiliations or other forms of identification in the document. Entries with such designations will be deemed ineligible and will not be judged or displayed.

In a separate PDF please include student ID's of the group members.

JURY

The Competition will be judged in two stages by two panels of distinguished experts from the aviation and design industries. The first round jury will select the top 20 designs for the final jury to review. The final jury will select the three finalists. Members of the jury will be announced in insert correct date and will include airport directors, futurists, sustainability experts, and airport architects.

Voting for the People's Choice Award will take place on Facebook and will only include shortlisted submissions. The person with the most "likes" will win the prize (US\$1,000).

EVALUATION CRITERIA

Participants are encouraged to use clear, concise language to convey ideas, key points and design solutions. Photographs, diagrams, renderings, animations, or collages and other visualizations are encouraged to help explain the concept per the rules previously described.

To assist with the judging process, the evaluation criteria is divided into four categories:

Creative Approach

- Design solution is innovative and inspiring
- Design solution is presented with unique and compelling concepts and graphics

Response to Site

- Design solution honors the physical attributes of a site's context and culture
- Design solution honors the global and local demographic requirements of the location

Sustainability

- Design solution considers the airport's environmental impact and energy use
- Design solution considers social sustainability, occupant lifestyle and well being

Functionality

- Planning and building organization is clear and appropriate
- Design solution contains a defined structural, technical and constructible rationale

GENESIS OF THE FENTRESS GLOBAL CHALLENGE

The Fentress Global Challenge is an annual international design competition that was created in 2011 to engage students worldwide in the exploration of future possibilities in public architecture. It was after Curtis Fentress, FAIA, RIBA, was honored with the 2010 AIA

Thomas Jefferson Award that the idea for the Global Challenge was conceived. The award is the AIA's highest honor for public architecture, and in many ways, the Fentress Global Challenge represents the firm's commitment to continuing the vision of that award – to further advance the pursuit of innovative design in public architecture. The competition generated more global interest than imagined, with over 1000 student registrations from 77 different countries in the first year alone.

In 2011 and 2015, student participants were invited to design the airport of the future, re-imagining terminal design in the context of rapid urbanization, globalization, and technological innovations.

REGULATIONS

By participating in the Fentress Global Challenge, participant accepts these regulations and all other rules and terms related to the Fentress Global Challenge.

- No changes are allowed once an entry is submitted unless approved by Fentress Architects.
- Participant agrees that, if requested by Fentress Architects, he or she will supply high-resolution images for marketing, printing, or exhibition.
- All materials submitted for the competition must be the participant's original work. It is the participant's sole responsibility to ensure that the work submitted does not infringe upon the intellectual property rights of any third party, including but not limited to copyright, trademark, and design rights. Fentress Architects shall not be responsible for participant's infringement of any third-party intellectual property rights. Participant shall indemnify and hold harmless Fentress Architects against any claims related to third-party intellectual property rights regardless of whether said infringement was known, unknown, or should have been known by participant.
- Participant agrees that Fentress Architects and competition sponsors are granted the non-exclusive reproduction rights to all entries for Fentress Architects' advertising, promotion, exhibition, print publication, and internet purposes directly relating to the competition. Fentress Architects shall have no responsibility for the unauthorized use of entrant's works by any third party, including but not limited to the sponsors.
- All published and online media, including social media, related to the Fentress Global Challenge must be reviewed and approved by Fentress Architects.
- Fentress Architects is not a designated exchange visitor program sponsor. Winners outside the United States will be responsible for obtaining a J-1 visa with a J-1 sponsorship and Fentress Architects will provide an official offer of internship. Fentress Architects is not responsible for any costs related to obtaining a visa or eligibility work in the United States. The prize is non-transferable and no cash alternative is available.

- No prize transfer, assignment, or substitution by winners is permitted. If a prize (or part of a prize) is unavailable, Fentress Architects, in its discretion, reserves the right to substitute the original prize (or that part of the prize) with an alternative prize to the equal monetary value and/or specification, unless to do so would be prohibited by law.
- Entrants agree that personal data, especially name and address, may be processed, shared, and otherwise used for the purposes and within the context of the contest and any other purposes outlined in these official rules. The data may also be used by Fentress Architects in order to verify the participant's identity, postal address, and telephone number or to otherwise verify the participant's eligibility to participate in the contest. Participants have the right to access, review, rectify, or cancel any personal data held by Fentress Architects by writing to Fentress Architects, c/o Fentress Global Challenge, 421 Broadway, Denver CO 80203, USA. Personal data will be used by Fentress Architects exclusively for the purposes stated herein.
- Fentress Architects reserves the right to verify the validity and originality of any entry and/or entrant (including an entrant's identity and address) and to disqualify any entrant who submits an entry that is not in accordance with these official rules or who tampers with the entry process. Failure by Fentress Architects to enforce any of its rights at any stage does not constitute a waiver of those rights.
- Fentress Global Challenge rules and regulations are subject to change without notice.
- If for any reason the contest is not capable of running as planned, due to infection by computer virus, denial of service attacks, tampering, unauthorized intervention, fraud, technical failures, or any other causes beyond the control of Fentress Architects that corrupt or affect the administration, security, fairness, integrity, or proper conduct of this contest, Fentress Architects reserves the right, at its sole discretion, to disqualify any individual(s) who tamper with the entry process, and/or to cancel, terminate, modify, or suspend the contest. If Fentress Architects elects to cancel or terminate the contest, Fentress Architects will not retain any rights for the submitted designs.
- You are allowed to submit past entries or modified entries from the past if you didn't win a prize.
- Any claims related to participation in the competition must be brought in Denver, Colorado, USA, and will be governed by the laws of the State of Colorado.
- This contest is void where prohibited.
- Participants will be disqualified if any of the competition rules are not followed.
- Contacting any member of the jury is prohibited.

QUESTIONS & ANSWERS

All information can be found at www.fentressarchitects.com. Additional questions should be emailed to: jfentress@fentressarchitects.com