

Annual Student Light Fixture Design Competition 2018

Competition Rules

- Entrants must be full time students, enrolled in an accredited academic degree program in the United States. Approved programs include architectural engineering programs, architecture programs, interior design programs, theatre, or industrial design programs. Because of the high level of competition, it is recommended that entrants be undergraduate seniors or graduate students.
- Only individuals may apply. Group projects are not acceptable.
- The fixture must be designed within the past year and while the entrant is a student.
- A faculty member at the student's school must sponsor the application.
- One entry per student per year.
- Submit electronic pdf or ppt files of the application material according to Submission Instructions.
- The student's proposed light fixture design should be illustrated on a maximum of four 11"x17" sheets of paper. These sheets should include a dimensioned plan and section of the light fixture identifying materials, a perspective sketch or rendering of the product, and a perspective sketch of the product in use. An optional candlepower distribution curve, without values, may be included to illustrate an understanding of the light distribution. Graphic illustrations may be drawn by hand or computer-rendered. Include a maximum 250 word description of the products and their use. Materials not submitted in this format may be disqualified. Both presentation and conceptual design will be considered in the judging process.
- Optional: In addition to the above requirements, the student may build a model and include up to 5 images of the model, i.e., photographs or digital images. The purpose of the model is to demonstrate aesthetics and design. It need not be a functioning model. It may be constructed out of any material. The images should be included in the maximum of four 11"x17" sheets. Do not submit the actual model.
- The student is encouraged to consider the following criteria in the design process:
 1. Innovative character of the overall design
 2. Innovative and sustainable use of materials
 3. Breadth of practical application
 4. Practicality of manufacturing
 5. Aesthetics
 6. Ease of use and maintenance
 7. Light distribution and visual comfort
 8. Energy efficiency

Awards

Prizes will be awarded annually:

- First Prize: The Thompson Prize is a cash award of \$5,000, plus a trophy.
- Second Prize: The Award of Distinction is a cash award of \$2,500, plus a plaque.
- Third Prize: The Award of Merit is a cash award of \$1,000, plus a plaque.
- Special Citations: A Special Citation is a cash award of \$500, plus a plaque.

A panel of 5 judges will evaluate the entries. Winners will be informed by May 15, 2018. Winning entries will be posted on the website by May 31, 2018.

Prizes will be awarded according to the judges' discretion.

Submission Requirements

Your entry consists of an "Application Form" and a Presentation that consist of a maximum of four 11"x17" sheets. (One of these sheets must include a maximum of 250 word description of the product and its use.) These two components must be submitted as electronic files that are uploaded online.

Submission Instructions

PART 1: APPLICATION FORM

The "Application Form" must be submitted online along with the 11"x17" Presentation.

For a copy of the "Application Form" click on this link: **Downloadable Application Form**. Save this interactive pdf file to your hard drive without completing it and rename the file by including your name in this format: "**LastFirst_ApplicationForm.pdf**." After saving it to your hard drive complete the form. Make sure to use the same email address throughout the submittal process. Follow these instructions to prepare and submit the "Application Form."

PREPARE **ONLINE** APPLICATION FORM:

After printing the hardcopy of the "Application Form" make sure that your Last and First name have been added to the file name in this format: "**LastFirst_ApplicationForm.pdf**." This form will get uploaded along with your presentation file by using the "Upload Files Window" at the bottom of this page. Follow the instructions below in PART 2-(2) ONLINE PRESENTATION.

PART 2: PRESENTATION

Presentation must be submitted online.

ONLINE PRESENTATION:

The maximum four 11"x17" presentation sheets need to be in electronic format as follows: the sheets (pages) need to be grouped into ONE all-inclusive file that can be submitted online. This file can be prepared in one of these formats: 1) Multi-page PDF or 2) Multi-slide PowerPoint presentation. (Other presentation files should not be uploaded and will not be reviewed). Create a file name that includes your last and first name and identifies this file as your presentation, in this format:

"**LastFirst_presentation.pdf**." for pdfs or "**LastFirst_presentation.ppt**" for PowerPoint presentations.

NOTE: The file size cannot exceed 10MB.

When you are ready to make your Online Submission, no later than the deadline shown below, use the "Upload Files Window" at the bottom of this page (Visit www.rbtcompetition.org and then click on "**2018 Rules & Submission Instructions**.") Please fill in your email address making sure to use the same email address given on the "Application Form". Use the "Add Files" button to browse for your presentation PDF or PowerPoint presentation AND add your completed "Application Form" (without signatures). Once you have located your two files from your hard drive, click the "Upload" button. After your files are uploaded you will see a "Thank You" page confirming that your files have been uploaded.

DEADLINE: Online submissions must be uploaded by 11:59pm March 30, 2018.