

2012 Rules and Conditions

Division IV Associate's Degree Students (Papers)

Division V Bachelor's Degree & Graduate Degree Students (Papers)

Entry Contents and Requirements

Students may submit papers representing their work on design, engineering, or manufacturing relating to any type of building, bridge, structure, machine, product or mechanical apparatus; or arc welding research, testing, procedure or process development. Papers on topics such as welding safety, welding education and the innovative use of virtual reality to train welders may also be submitted.

Time

Papers submitted must represent work completed within the period of June 2011 to June 2012. Entries must be received no later than June 30, 2012.

Eligibility

Division IV:

Any students enrolled in a two year Associate's Degree program or equivalent located in the United States of America may participate. Students may participate as individuals or as a group of not more than six students.

Associate's Degree students who wish to submit a **Project** Entry may do so in Division II.

Division V:

Any students enrolled in a Bachelor's Degree or Graduate Degree program located in the United States of America may participate. Students may participate as individuals or as a group of not more than six students.

Any number of Entries may be submitted from one school, but no student may participate in more than one Entry.

Neither the founder of the Foundation, the founder's employees, or families, its officers, its advertising agency, its distributing agents nor dealers shall be permitted to compete for any award or benefit of the Program, and no award shall be given to any such party or person.

Judging

The Jury of Awards will be selected from various branches of engineering, education, business or industry or from any other suitable source by its Chairman, or Executive Director. Each Entry will be judged anonymously by the Jury of Awards. The Jury will receive only an unidentified original copy of the Entry. If a Juror through prior knowledge is able to recognize any of the entrants that Juror will not participate in any judging related to that particular Entry. The Jury of Awards will use the following criteria to select Entries for Awards:

1. Originality or Ingenuity.
2. Feasibility.
3. Results achieved or expected.
4. Engineering Competence.
5. Clarity of the presentation.
6. If relevant to the content of the papers, whether safe work practices were followed.

The Jury may call to its assistance such aid as it may consider desirable. Any action of the Jury may be certified by its Chairman for and on its behalf and such certification shall be conclusive proof of all actions and proceedings.

What Happens To the Papers?

Other Uses of the Papers

All papers become the property of The James F. Lincoln Arc Welding Foundation. The Foundation shall have the right, in its discretion, to publish or otherwise use the papers, and in such case will give credit to the author.

Should an entrant wish to submit a paper in another competition or to retain a commercial interest, or to offer it for publication by others, such wishes must be clearly noted on the Entry Form. Such other use will in no way influence the judging of the papers in this Award Program.

The Foundation is interested in the development of the technology and education in arc welding. It is not in any way interested financially in the work described in a paper.

The existence of patents will in no way affect ratings by the Jury of Awards nor will the Foundation have any financial interest in any patent rights. The Jury's decision will be final in all cases.

Reasons Entries May Be Disqualified:

1. Inappropriate subject matter.
2. Excessive length (not to exceed 13 pages).
3. Failure to include a properly labeled appropriate photo of each student.
4. Name of school, faculty or student appears in paper, photos or drawings.
5. Violation of copyright law or plagiarism of any kind.

All decisions of the Judges are final.

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Awards

In 2012, the following will be awarded:

In Division IV, Associate's Degree Papers

One \$1,000 1st Place – Gold Award

Two \$750 2nd Place – Silver Awards

Three \$500 3rd Place – Bronze Awards

Three or more \$250 4th Place – Merit Awards

In Division V, Bachelor's Degree and Graduate Degree Papers

One \$1,000 Chairman's Award

One \$1,000 1st Place – Gold Award

Two \$750 2nd Place – Silver Awards

Three \$500 3rd Place – Bronze Awards

Three or more \$250 4th Place – Merit Awards

How to Prepare an Entry

The paper should be a clear step-by-step description of how the project was made. The text should be at least 3 pages long and no more than 13. Include photos and drawings to fully illustrate the project.

To submit your paper online:

1. Create the text in Word. The report should be prepared with the following format: 8.5" x 11" page size, 1" margins, single spaced text, double spaced between paragraphs, 11 point font for the body of text. Figures are encouraged and are to be incorporated into the body of the report.

2. The first page of the report should be a title page with only the title and an abstract of up to 250 words.
3. Make sure the text of the paper is at least 3 pages long and not more than 13 pages.
4. Illustrations and photographs are encouraged. Computer graphics and digital photos may be inserted in the text or added at the end.
5. Create a title page, but **do not** include your name or the name of your college; this information will appear on the Entry Form.
6. Go to the Awards page of JFLF.org, and click on the Div. IV or Div. V tab on the left.
7. Click on "2012 Electronic Filing of Entry Form," fill in the online form and upload your paper.
8. Be sure to upload a properly labeled appropriate photo of each student who worked on the Entry (a group photo is acceptable).
3. Make sure the text of the paper is at least 3 pages long and not more than 13 pages.
4. Illustrations and photographs are encouraged. Photographs should be neatly mounted. Large drawings should be folded to an 8-1/2" x 11" size.
5. Go to the Awards page of JFLF.org, and click on the Div. I or Div. II tab on the left.
6. Click on "2012 Entry Form." Print out the PDF and fill it in.
7. Using a suitable cover and title page, bind the material into a report folder, including the Entry Form as the first page. **Do not** put your name or the name of your college on the title page; this information appears on the Entry Form.
8. In the envelope or package you prepare, be sure to include a properly labeled photo of each student who worked on the Entry (a group photo is acceptable).

To submit your paper in hard copy:

1. The report should be prepared with the following format: 8.5" x 11" page size, 1" margins, single spaced text, double spaced between paragraphs, 11 point font for the body of text. Figures are encouraged and are to be incorporated into the body of the report.
2. The first page of the report should be a title page with only the title and an abstract of up to 250 words.

9. Send the hard copy, postmarked no later than June 30, 2012, to:

Secretary
The James F. Lincoln Arc Welding
Foundation
P.O. Box 17188
Cleveland, Ohio 44117-9949



CHAIRMAN'S AWARD FOR 2012

Lincoln Electric's CEO and Chairman of the Board, John Stropki, wants to recognize the Division IV or V paper that significantly advances the art or science of welding relative to quality, safety or productivity. The Foundation will award \$1000 and submit the paper to national welding periodicals for possible publication. The Chairman's Award may not be awarded each year, only when a paper meets all of the criteria.