



The James F. Lincoln Arc Welding Foundation

was created in 1936 through a deed of trust "to encourage and stimulate scientific interest in and scientific study, research and education in respect of, the development of the arc welding industry...and to that end to provide for...awards to those persons who by reason of the excellence of their papers upon said subject may be selected... to receive such awards."

The James F. Lincoln Arc Welding Foundation Awards Program supports welding study in:

- SkillsUSA
- High Schools
- Career and Technical Schools
- Community Colleges
- Colleges and Universities
- Apprenticeships
- 4H
- FFA

Cost to enter

\$0

Benefits

- Welding equipment and monetary awards for students
- Recognition for winning students and schools
- Development of writing and communications skills
- Publication of selected projects in Foundation books

Judging

The Jury of Awards for each program is selected from various branches of engineering, education, business or industry or from any other suitable source by the Foundation's Chairman or Executive Director. Each Entry is judged anonymously. The Jury of Awards receives 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 judging that particular Entry. The Jury's decision will be final in all cases.

Patent and Publication Rights

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 James F. Lincoln Arc Welding Foundation retains publication rights to all Entries and may publish any Entry at its discretion, unless publishing restrictions are indicated on the Entry Form.

As a contribution to scientific progress and to promote industrial progress through education, the James F. Lincoln Arc Welding Foundation produces and publishes an extensive catalog of technical books. Just a few are featured here; to place an order or see additional titles, go to JFLF.org.



Procedure Handbook of Arc Welding 14th edition

The standard text of the arc welding industry:
800 pages, hardbound,
\$25.00



Metals and How to Weld Them 2nd edition

A classic: 400 pages, hardbound,
\$10.00



1958 Collector's Edition

Arc Welded Projects

77 pages with 64 projects.
\$5.00



Arc Welded Projects Vol. II

272 pages, softcover,
\$10.00



Arc Welded Projects Vol. III

172 pages, softcover,
\$10.00



Arc Welded Projects Vol. IV

200 pages, softcover,
\$10.00



Arc Welded Projects Vol. V

217 pages with 55 projects
\$10.00

2011 Awards Programs

*shared knowledge is the
foundation of all progress*



The James F. Lincoln Arc Welding Foundation

Cover Photo: 2010 SkillsUSA
National Welding Fabrication Gold Medal Winners

**Division I****High School Projects**

Students 18 and younger

Division II**Career Projects**

Students 19 and older

In Divisions I and II, high school, career or technical school students submit written reports describing welding projects they have completed. The project may be a structure, a repair, or an item made for home, farm, shop or recreational use.

Eligibility

Division I – any student 18 or younger who is enrolled in any type of school or training program. Projects may be submitted by individuals or by teams of no more than five students with the approval of their instructor. Division I entries are first judged by Region; Regional Award winners then become eligible for National Awards.

Division II – any student 19 or older enrolled in any of the following: evening adult classes, career or technical school, high school, private trade school, in-plant training classes, technical institutes, junior, community or 2-year college courses or apprentice programs. **Note:** *Students enrolled in 2-year Associate Degree programs who are submitting papers rather than projects need to apply to Division IV.*

Projects may be submitted by individuals or by teams of no more than five students with the approval of their instructor. Division II entries compete for National Awards.

Tips

- In Div. I and II, the focus is on creating excellent projects.
- Write a clear, step-by-step description of how you completed your project; include blueprints and drawings; spell-check the text.
- Submit your report, drawings and photos (preferably as a pdf) to JFLF.org.

For examples of recent winning projects, see JFLF.org.

**Division III**

SkillsUSA
Welding
Welding Fabrication

The James F. Lincoln Arc Welding Foundation supports the nationally recognized SkillsUSA Program and World Skills International. These are hands-on programs designed to test the skills needed for successful entry-level performance in given occupational fields. Entrants to the **Welding** competition compete as individuals, and **Welding Fabrication** contestants work in teams of three from each school. Safety practices and procedures are part of every contestant's score.

Both **Welding** and **Welding Fabrication** have Secondary and Postsecondary categories. They are open to active SkillsUSA members enrolled in programs with welding as the occupational objective. SkillsUSA holds Regional, State and National competitions annually.

For complete rules and requirements, consult SkillsUSA.org.

The James F. Lincoln Arc Welding Foundation proudly supports SkillsUSA with:

- Monetary awards for state winners
- Monetary awards for national winners
- Equipment awards for national winners and instructors
- For complete details, go to JFLF.org

**Division IV Associate's Degree Papers**

Students enrolled in 2-year degree programs

**Division V Bachelor's Degree and Graduate Degree Papers**

Students enrolled in undergraduate or graduate degree programs

Students may submit papers representing their work on design, engineering, or manufacturing problems 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 use of virtual reality systems to train welders may also be submitted

Eligibility

Students may participate as individuals or as a group of no more than six.

Students enrolled in a curriculum leading to a degree in engineering or a related field of technology may participate in Division IV or V, as appropriate to their degree program.

Note: *Students enrolled in Associate's Degree programs who wish to submit a welded project entry may do so in Division II.*

Any number of entries may be submitted from one college or university, but no student may participate in more than one entry per academic year.

Tip

- Be sure to meet the entry requirements for subject matter, length and content.

