



Enter Your Undergraduate Metalcasting Research Project
\$4,000 in scholarships will be awarded • Abstracts due Feb. 16, final
entries due March 15

The IJMC/FEF Student Research Competition empowers undergraduate college students to showcase their metalcasting research projects at Metalcasting Congress 2024. Winners will earn scholarships and be published in the *International Journal of Metalcasting*!

All eligible submissions will be judged by a leading panel comprised of the AFS Research Board and officers of the AFS Technical Council. Up to \$4,000 in total scholarships will be awarded.

Qualifications

- Open to North American citizens who are undergraduate students currently enrolled in metalcasting-related programs.
- Applicants must be registered with FEF, have a current student membership with AFS, and be enrolled in the current academic year.
- Entries must represent current or recent undergraduate-level work performed by the student(s) in metalcasting technology or molten metal processing.
- Group projects are permitted. Each student may enter only one submission. Groups will split scholarship money.
- All presenting students must register and attend Metalcasting Congress 2024 (April 23-25, 2024) in Milwaukee, WI. Metalcasting Congress registration is complimentary for student members. Students must be available for presentations and a live Q&A with judges at Metalcasting Congress on Wednesday, April 24, 2024.

Presentation Details & Participation Guidelines

- Entries consist of narrated PowerPoint presentations reflecting a student's or group's research. Presentations must include: Abstract, Introduction, Objectives, Testing Methodology, Results, Conclusions, and References.
- Narration should be recorded in PowerPoint and explain the project and its conclusions as presented in the slides, similar to a live research presentation.
- Students must use the PowerPoint template provided at www.afsinc.org/ijmc-fef-student-research-competition.
- Select entrants will be invited to showcase their projects live on the show floor at Metalcasting Congress 2024 on Wednesday, April 24, 2024, in Milwaukee, WI. Students will field questions from judges.
- Submit your presentation title, abstract, and names of participating students no later than **Friday, Feb. 16, 2024**. Final presentations are due no later than **Friday, March 15, 2024**. Submit abstracts and presentation PowerPoints to bwallace@afsinc.org. Please include participant names, project title, and college/university in your email message.

Judging Criteria

Technical Content	Points
Completeness of work, interpretation of work, and results, analysis, discussion, references/bibliography. Sufficiency of data to validate conclusions.	40
Relevance	
Industry involvement with the research and applicability to the metalcasting industry.	30
Innovation	
Originality of ideas, concepts or approach.	20
Presentation	
Overall style is effective. Information is concise and logically organized.	10
Total Points	100