

EMSD – Outstanding Student Researcher Award Application Instructions

INFORMATION

Description

The Outstanding Student Researcher (OSR) award recognizes exemplary student research related to the mission of the EMSD.

The bounty

Annually awarded to one student. Awardee is invited to present the OSR lecture at EMSD symposium at the annual meeting at MS&T. The awardee will also receive a recognition plaque.

Important Dates

Applications will be accepted until the close of abstract submission for the annual meeting at MS&T conference in the year for which the student is applying. The awardee will be notified prior to the acceptance of their abstract for the annual conference.

Contact

For additional information and questions contact Cory Trivelpiece:

Email: Cory.Trivelpiece@srl.doe.gov

Phone: 803-646-2222

ELIGIBILITY

The award is open to U.S. and international graduate and undergraduate students actively engaged in research related to the Energy Materials and Systems Division (EMSD) of The American Ceramic Society (ACerS). Specifically, applicants must have submitted an abstract to the annual conference in the year for which the applicant is applying. It is strongly encouraged that undergraduate submissions present extracurricular projects only, i.e., research conducted outside the normal scope of one's coursework.

APPLICATION INSTRUCTIONS

Applicants must submit the following materials:

- Application cover sheet
- White paper

Application materials should be submitted to Allen Aplett via email (allen.apblett@okstate.edu) or online at <http://ceramics.org/?awards=outstanding-student-researcher-award>.

DESCRIPTION of APPLICATION MATERIALS

Application cover sheet

Download and complete form (<http://ceramics.org/?awards=outstanding-student-researcher-award>)

White paper

A one-page written description of applicant's research and include at minimum:

- Overview – a summary of the research project that describes that work performed and highlights the scholarship of the thesis or hypothesis being tested. In addition, the overview should call attention to the significance and possible applications of the research.
- Experimental – a description of the experimental/modeling methods and results that culminated in the research being presented.
- Conclusions – description of the important research findings and how the research promotes a greater understanding of scientific phenomena related to EMSD.

A template for the white paper can be downloaded from <http://ceramics.org/?awards=outstanding-student-researcher-award>.

Submissions should follow the dimensions of the template:

- One inch margin: top and bottom
- One half inch margin left and right
- Two columns: 3.5 inches wide
- One half inch space between columns.
- Title in bold, 14pt font, centered at top of page.
- Authors names in italicized font immediately preceding title, size 11pt font.
- The text should be single-space, no smaller than 10pt.
- All submissions should be in Times New Roman (or very similar) font.

Application packages (cover letter and white paper) should be converted to portable document format (pdf) prior to submission.

APPLICATION REVIEW

A panel of EMSD members will review and score applications based on the following criteria:

- Goal of the research and hypothesis clearly and concisely defined.
- Experimental design philosophy conducive to achieving stated research goal.
- Presented data supports drawing conclusions about stated hypothesis.
- Conclusions are consistent with presented data.
- Significance of the work to EMSD.