

# AMERICAN NUCLEAR SOCIETY STUDENT DESIGN COMPETITION INTENT TO PARTICIPATE AND GUIDELINES FORM

- ANS Transactions papers are due at ANS Headquarters by the published deadline on the ANS website but not later than **Friday, June 26, 2020**.
- This form is due **Friday, June 26, 2020**.
- Final design reports are due **Friday, June 26, 2020**.

## Contact:

Dr. Travis W. Knight,  
Professor and Director  
Nuclear Engineering Program  
University of South Carolina  
300 Main Street  
Columbia, SC 29208  
Email: [twknight@sc.edu](mailto:twknight@sc.edu)  
PH: (803) 777-1465  
FX: (803) 777-0106

## Checklist:

- \_\_\_\_\_ Submit the ANS Transactions paper for the project to ANS **by the published deadline but not later than Friday, June 26, 2020**. Follow the guidelines for ANS Transactions at: <http://www.new.ans.org/pubs/transactions/>. Submit your papers to the ANS Winter Meeting at [http://www.ans.org/meetings/c\\_1](http://www.ans.org/meetings/c_1). Submit as an invited paper to the session marked: ANS Student Design Competition.
- \_\_\_\_\_ Email this Form to Contact at right as a Final Registration indicating the ANS Transactions number: \_\_\_\_\_ (5 digit number, fill in blank). This number is assigned when you submit your Summary as instructed. Submit this form by **June 26, 2020**.
- \_\_\_\_\_ Email the Final Report (in Adobe PDF or MSWord) to Contact at right by **June 26, 2020**. Late submissions will be automatically disqualified.

## GUIDELINES FOR SUBMISSION

- The contest is open, but design projects should be comprehensive and integrate the major areas covered in the students' course work. A significant part of the project should be nuclear (~40%).
- The design project should encourage creativity and require making assumptions, evaluating alternatives, and justifying the final solution.
- The design project should be solved by a small group of students (2 to 6) who spend no more time than that required for a 3-4 semester hour class.
- Only one final report per university per category may be submitted, i.e., one undergraduate report and one graduate report are the maximum that may be submitted per university.

Participating Institution: \_\_\_\_\_

Participating Department: \_\_\_\_\_

Check one: Graduate \_\_\_\_\_ Undergraduate \_\_\_\_\_

Names of Participating Students:

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_

4. \_\_\_\_\_ 5. \_\_\_\_\_ 6. \_\_\_\_\_

Tentative Project Title: \_\_\_\_\_

Faculty Advisor: \_\_\_\_\_

Email: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_ FAX: \_\_\_\_\_