



TO: Nuclear and Radiological Engineering Programs

FROM: Dr. Travis W. Knight
Professor and Director
Nuclear Engineering Program
University of South Carolina
Chairman of the ANS Student Design Competition

DATE: August 16, 2016

RE: 2017 ANS Student Design Competition

Greetings:

This memorandum is the announcement for the 2017 ANS Student Design Competition. The competition is open in that each university has the freedom to define its own design project. Student design reports will be evaluated and ranked by judges from industry and government based on submission of a single design report authored by the participants. There are separate competitions for graduate and undergraduate students. Two undergraduate and two graduate entries will be selected as finalists to make oral presentations to judges in a special invited session at the Winter ANS Meeting. Winner and runner-up awards will be announced in each category at the conclusion of the session.

In addition to the final design report, each entry must also submit electronically a Summary (less than four pages) to ANS for possible publication in the *Transactions* of the Winter Meeting. These summaries must be submitted to ANS as invited summaries by **June 9, 2017** according to instructions for electronic submission that are available on the ANS website (<http://www.new.ans.org/pubs/transactions/>). Thus, the four finalists who make presentations at the Winter Meeting will have their summaries published in the *Transactions* of the meeting. The final design reports must be submitted to me by **June 16, 2017**.

Your capstone design course, which most ABET accredited programs have, can be the basis for your undergraduate students to enter the competition. Similarly, many programs also have a graduate design course, which can be the basis for graduate students to enter the competition. The Intent to Participate and Guidelines Form and the Judges' Evaluation Form are online at www.new.ans.org/honors/va-studesign. Please encourage your design-oriented faculty and students, both graduate and undergraduate, to participate in the competition.