



Sandia National Laboratories announces the “2017 Sandia Engineering Design Award” at the University of California, Davis, that recognizes outstanding innovation in engineering design. This design competition is open to all undergraduate student teams in the College of Engineering at UC Davis. The winning entry of this annual competition will be recognized at the College of Engineering Design Showcase.

We are seeking competition entries that contribute to the national security of the United States, either defense, natural resources, or economy. The national security topics considered for this contest are those that align with Sandia’s mission and the National Academy of Engineering’s Grand Challenges. More information on topics can be found at the websites below:

- Sandia National Laboratories missions -- <http://sandia.gov/>
- NAE Grand Challenges -- <http://www.engineeringchallenges.org/cms/challenges.aspx>

Competition entries will be judged on the basis of a written report and an oral poster presentation at the Design Showcase. The written report should be no longer than five pages and contain the following elements: problem description; solution approach and innovation; pertinent drawings and analysis; and potential impact on national security. Judging will be performed by a collection of UC Davis College of Engineering faculty and Sandia National Laboratories leadership.

Schedule:

1. The team registers for the Design Showcase by **Friday, April 28**. Refer to the Engineering Design Showcase website for registration details: <https://goo.gl/a03jYU>
2. The team submits an intent to participate in the Sandia Engineering Design Award by Friday, **May 12, 2017** online at: <https://goo.gl/forms/XuDPBnYTSziC7ekI2>
3. The team submits a written project report to Associate Dean Jim Schaaf (jaschaaf@ucdavis.edu) by email no later than **5:00 PM on Friday, June 2, 2017**
4. Final evaluations are based on poster presentations at the Design Showcase on **Thursday, June 8, 2017**

Questions? Please contact Sean Stieper (sstiepe@sandia.gov) or Associate Dean Jim Schaaf (jaschaaf@ucdavis.edu).

ABOUT SANDIA

Sandia is a US Department of Energy national security laboratory involved in a variety of research and development programs to help secure a peaceful and free world through technology. The Lab develops technologies to sustain, modernize, and protect the Nation’s nuclear arsenal, prevent the spread of weapons of mass destruction, defend against terrorism, protect our national infrastructures, ensure stable energy and water supplies, and provide new capabilities to our armed forces. Sandia is making our rapidly changing world safer and more secure. All of Sandia’s work is linked by a commitment to "science with the mission in mind."