



## USSD Student Scholarship Award – Call for Applications

The United States Society on Dams (USSD) is ***now accepting applications for the 2020 Student Scholarship Awards***. The awards are for students whose academic program and research studies have the potential to develop practical solutions to design and construction challenges related to dams and levees. ***We encourage students to apply and others to please spread the word on behalf of USSD!***

### AWARD OVERVIEW

Of the applicants, up to ***four finalists will be invited to present their research at the annual conference***. In addition to covering conference registration and domestic economy travel costs and lodging for the finalists, USSD will ***award up to a combined total of \$20,000 to the four finalists*** during the 2020 conference in Denver, with a minimum individual award of \$2,000 to each finalist. Finalists will also receive a one-year free student membership to USSD. All finalists are invited to participate in the full conference providing an opportunity to meet and interact with the industry experts in dams and levees.

The annual conference is April 20 to April 24, 2020, in Denver. Finalists will present their research to the Board of Directors and conference attendees during the technical sessions on Tuesday, April 21. This is a valuable opportunity to showcase your work, increase your exposure, and network with dam and levee experts in the industry! The results will be announced during the conference on Wednesday, April 22.

### APPLICATION

The application is now open to be submitted online at: <http://www.usdams.org/about/scholarships/>

**Applications are due no later than February 14, 2020.**

Applications must include the following:

- Your personal, school, and work information (resume-type information)
- Research paper/proposal (6 pages maximum) describing a specific research topic and highlighting the innovative aspects of the proposed research work
- Two letters of recommendations (including one from academic advisor)

Scholarships are open to junior or senior undergraduate students and graduate students pursuing a Masters or PhD. Applicant will be judged based on expectations commensurate with their current education level in order to provide equal opportunities.

All applicants must be:

- Enrolled in U.S. academic institution
- U.S. citizens or permanent resident
- In an academic program and/or performing research that has a potential for developing solutions to design, analysis, construction, operation, safety, environmental, maintenance and rehabilitation problems related to dams and levees – fields of study may include civil engineering, environmental and social sciences, water resources management, geology, etc.

## **2019 USSD Scholarship Recipients**

Four scholarships were presented during the 2019 USSD Annual Conference and Exhibition in Chicago.

- **Jack Cadigan**, Louisiana State University, *Design Trends and Guidance for Substratum Pressure Relief Wells for Dams and Levees Using Computational Methods* **\$5,600**
- **Amy Getchell**, Purdue University, *Alternative Use of Synthetic Nanoclay for Permeation Grouting in Dam and Levee Engineering* **\$4,800**
- **Michael Klenan**, Auburn University, *Improving Methods to Evaluate the Effect of Strain-Softening Clays on the Stability of Dams*, **\$4,800**
- **Tyler Oathes**, University of California, Davis, *Implementing the Effect of Strain-Rate on Strain-Softening Clays into Nonlinear Dynamic Analyses* **\$4,800**