

Airport Cooperative Research Program 2018-19 University Design Competition for Addressing Airport Needs



“Through this competition, the students learn that even though they come from different backgrounds, they can contribute to the aviation field in a major way.”

Dr. Mary Johnson, Faculty Advisor, Purdue University

The Airport Cooperative Research Program (ACRP) is sponsoring the University Design Competition for Addressing Airport Needs for U.S.-based undergraduate and/or graduate students to design innovative solutions that address airport issues to enhance the management, safety, capacity and efficiency of the nation’s airports.

Winning design proposals receive cash awards, and first place winners present their work at the National Academies of Sciences, Engineering, and Medicine, and at a professional conference relating to their work. The competition also provides students with exposure to aviation and airport-related careers.

Students are invited to propose design solutions addressing airport needs in the following broad challenge areas:

- **Airport Operation and Maintenance**
- **Runway Safety/Runway Incursions/Runway Excursions**
- **Airport Environmental Interactions**
- **Airport Management and Planning**

Follow the design submission guidelines found on the ACRP Design Competition website prior to submitting an entry. Design submissions will be accepted from Nov. 2, 2018 through April 29, 2019.

Since 2006

1,919

Student
Participants

382

Design Proposals

145

Faculty Advisors

80

Participating
Universities

For more information: vsgc.odu.edu/ACRPDesignCompetition