

JUNIOR SCIENCE & ENGINEERING EXCELLENCE AND DIVERSITY

By

Aerospace and Mechanical Engineering
University of Oklahoma



FACULTY MENTORS



Dr. W. Merchan-Merchan
(JrSEED Coordinator)



Dr. J. Garg



Dr. C.H. Lee



Dr. Y. Liu

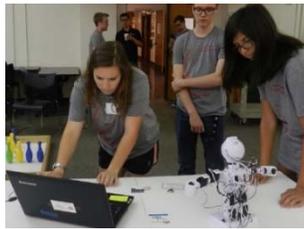


Dr. Z. Siddique
(AME Director)

This JrSEED two day long program (**June 4 & 5, 2019**) hosted by the School of Aerospace and Mechanical Engineering offers high school students an excellent opportunity to learn about engineering through exposure to several unique hands-on engineering-related concepts/projects. Participants will enhance their academic resume, interact with faculty mentors and peers, and have fun with science & engineering and professional development activities. Selected candidates will also attend a 30 minute seminar on inclusion & diversity and learn of the importance of working in a diverse setting/environment and working on a team of people. More information can be found in our website at <http://jrseed.org>.

A FEW POTENTIAL PROJECTS

ENERGY: Exposure to renewable energy; from using solar panels to running a car, to producing electrical energy by having cold and hot mediums(thermoelectric effect)



PROGRAMMING: Program a robot to perform a certain task

NANOTECHNOLOGY: Learn about the field of nanotechnology. Concepts & fundamentals. Get exposed to Scanning Electron Microscopy



HANDS-ON ACTIVITIES



TEAM WORK



LAB TOURS



LOCATION:

School of Aerospace and
Mechanical Engineering
865 Asp Ave.
Norman, OK

COST:

The cost of attendance is \$100 per student, which includes lunches, T-Shirt, materials and prizes. The fee may be waived on a case-by- case basis upon approval of a written hardship request submitted with the application.

Application due date is **Sunday, May 19, 2019.**

To receive a copy of an application package please contact Dr. Merchan-Merchan by email at wmerchan-merchan@ou.edu.

Corporate sponsorship by



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