

Interdisciplinary STEM (I-STEM) Experiences

Summer camp

**PACCAR
Technology
Institute**

Nanomaterials &
Microsystems
Technology



July 15-19, 2019

University of North Texas, Denton, Discovery Park

**WELCOME HIGH SCHOOL AND RISING
HIGH SCHOOL STUDENTS TO THE UNT
DISCOVERY PARK CAMPUS!**

Eligibility

- Students entering Freshman year to Seniors in High School by Fall 2019
- Students who are interested in enriching their learning with STEM-related activities
- Only registered students for the event are eligible to participate but no registration fees apply (see registration details below)

The Program

- In the Interdisciplinary STEM (I-STEM) Experiences Camp, Student Researchers, Staff and Faculty will share their work with registered students to enrich their learning in the STEM fields

- The week-long event will provide opportunities for high-school students to dive into diverse disciplines ranging from chemistry, physics, materials science, electrical engineering, biomedical engineering and mechanical engineering
- Students will learn about career opportunities in STEM pathways and increase their awareness of how STEM can be applied to a wide range of fields including in Naval systems
- There will be practical demonstrations, hands-on learning exercises, and talks infused into the program provided by leaders in the field
- Multiple laboratories located in the College of Engineering at UNT's Discovery Park and on the main campus will be involved in engaging the students. Topics include, but are not limited to: energy and solar cells, flexible electronics, 3D printing, nanotechnology, organic chemistry, computer chips manufacturing, implantable biomedical devices, metals corrosion, metals processing and jewelry making, hologram fabrication, untangled gaming event, etc.
- There will be informational materials provided on college scholarship opportunities through the US Navy, DoD and others.

Location and Schedule

Discovery Park at the University of North Texas Campus, Denton, July 15-19, 2019

The program will be set up from 9:30 am - 4:00 pm Monday through Friday.

Drop off and Pick-up

Drop off will be from 9:15 am – 9:30 am; pick up will be from 3:45 pm to 4:00 pm. Drop-off and pick-up outside of these time slots will not be allowed and late fees will apply.

Cost

The Interdisciplinary STEM Experiences Camp is FREE. A boxed lunch will be provided. Please list all dietary restrictions and allergies on the registration form.

Registration and Application Process

The application and all supporting materials are available online here

Registration will be accepted until 5 pm Wednesday June 12th, 2019. Space is limited, so please register early

Notification of Acceptance

Notification on Acceptance will be provided by June 17th, 2019

Questions

For general inquiries about the program, directions, etc., please contact Ms. Lisa Thompson, 940-369-5370