



Opportunity Title: 2020 CCDC-ARL Summer Student Experience: Vehicle Technology Directorate
Opportunity Reference Code: ARL-SSE-VTD-300018



Organization	DEVCOM Army Research Laboratory
Reference Code	ARL-SSE-VTD-300018
Application Deadline	3/1/2020 11:59:59 PM Eastern Time Zone
Description	<p>The U.S. Army Research Laboratory's Vehicle Technology Directorate (VTD) is the principal Army organization responsible for the pursuit of mobility-related science and technologies leading to advanced capabilities and improved reliability for Army air and ground vehicles. VTD leads the ARL Sciences for Maneuver Campaign that focuses on gaining a greater fundamental understanding of advanced mobility technologies that enable innovative vehicles configurations and subsystem architectures - critical to the future Army's movement, sustainment, and maneuverability. The technology focus areas within the ARL and RDECOM programs have been defined as platform, propulsion, intelligent systems and logistics.</p> <p>The VTD mission is accomplished through in-house basic and applied research, and from collaborations with other ARL functions, RDECOM, Navy, Air Force, academia and industry leaders. The mission is enhanced through teaming with and leveraging of research efforts associated with Collaborative Technology Alliances (CTAs) and Multidisciplinary University Research Initiatives (MURIs). For example, VTD is actively involved with two CTAs (Robotics and Micro Autonomous System Technologies), several cooperative agreements, and a unique partnership with the National Aeronautics and Space Administration (NASA) at the Langley Research Center in Hampton, VA and the Glenn Research Center in Cleveland, OH.</p> <p>Summer Student Experience opportunities exist in the following areas of research: intelligent systems, propulsion technology, mechanics and structures, integrated analysis, and quantitative technology Assessments.</p> <p>U.S. Citizenship is not required to be considered for as Summer Student Experience Fellow with VTD, but non-U.S. Citizens are strongly encouraged to apply early to allow additional processing time for the ORAU immigration office and ARL security.</p>
Qualifications	<p>CCDC Army Research Laboratory (ARL) Research Associateship Program (RAP) Summer Student Experience is an educational program that allows undergraduate through PhD students and recent Bachelor and Master's degree graduates to participate in a paid research experience at a Department of Defense laboratory over the summer break.</p> <p>A candidate must be in good standing (a minimum of a 2.5 GPA) at an accredited university or technical institute, and in an academic program leading to an undergraduate or graduate degree.</p> <p>Scientists and engineers at ARL help shape and execute the Army's program for meeting the challenge of developing technologies that will support Army forces in meeting future operational needs. Students can participant in research in one of the following areas:</p>


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- Computational and Information Sciences Directorate (CISD)
- Human Research and Engineering Directorate (HRED)
- Sensors and Electron Devices Directorate (SEDD)
- Vehicle Technology Directorate (VTD)
- Weapons and Materials Research Directorate (WMRD)

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Deadline:

First Round Application Deadline: Sunday, November 24, 2019

NEW *Second Round Application Deadline: Sunday, March 1, 2020*





Application Requirements:

The following must be uploaded into the online application:

- **Resume** - Please list your relevant coursework and lab work on your resume as well as all papers, presentations, or publications you may have authored or co-authored. Include any reprints or abstracts if they are available.
- **Transcripts** - Transcript verifying receipt of degree/or identifying current enrollment. Original student copies are acceptable.
- **Statement of Interest** - Write a one-page description of your scientific research experience. Please include references to your lab work as well as any relevant academic coursework. How does this experience intersect with your personal and professional goals?
- **References** - Reference forms are not required for the Summer Student Experience, but names and contact information for references are part of the online application. During the review process, some Advisor/Selecting Officials may contact references for further evaluation.

For questions about the Summer Student Experience Program, please visit <https://orau.org/arl fellowship/> or email ARLFellowship@orau.org.

**Eligibility
Requirements**

- **Degree:** Currently pursuing a Bachelor's Degree, Master's Degree, or Doctoral Degree.
- **Overall GPA:** 2.50
- **Academic Level(s):** Any academic level.
- **Discipline(s):**
 - **Computer, Information, and Data Sciences** (16 )
 - **Engineering** (27 )
 - **Mathematics and Statistics** (10 )
 - **Physics** (16 )

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- **Age:** Must be 18 years of age