The Laboratory for Analytic Sciences at North Carolina State University is seeking students to join the Summer Conference on Applied Data Science (SCADS), which will take place during eight weeks on campus in Raleigh, NC.

We invite graduate students to apply. (Advanced undergraduate students will be considered on a case-by-case basis.) Students will be expected to attend in person in Raleigh for the duration of the program and will receive both a stipend and support for travel and lodging.

Student applicants should demonstrate an interest in working with the Intelligence Community (IC) or Department of Defense, specifically around tools and technology to improve the performance of intelligence analysts. Though prior experience in artificial intelligence, machine learning, human-machine teams, and user experience may be beneficial, it is not a requirement for this position. An interest in learning more about these topics is necessary, as students will be embedded within a cross-disciplinary team of researchers, faculty, students, and government employees.

The overarching, multi-year challenge of SCADS is to generate tailored daily reports for knowledge workers that capture information relevant to their individual objectives and interests. These tailored daily reports, or "TLDRs," are fairly short and aim to proactively provide individuals with information relevant to their needs, objectives, and interests. The content of a report may be drawn from any number or variety of sources. The TLDRs are auto-generated through development and application of modern AI/ML, user modeling, and information retrieval technologies and methods. The Intelligence Community manually produces a report of this nature for the U.S. President every morning, summarizing new updates of intelligence information that the President needs to know. Conceptually, AI/ML technology could produce something similar for all IC knowledge workers.

Students should demonstrate exceptional interdisciplinary communication skills, an ability to work both independently and within teams, creative thinking, resilience, and an excitement for collaboratively solving difficult problems. Students who are interested in careers intelligence or defense are strongly encouraged to apply.

Students will be mentored by government and non-government faculty and research attendees. Students will be paired with at least one research effort within SCADS and may serve as liaisons across several research efforts. Through engagement with government stakeholders and researchers, students will develop a comprehensive understanding of the research effort, assist in presenting work, and develop skills to contribute to the project's goals.

This position is full-time (40 hours per week) for the duration of SCADS. To apply, students will need to submit a resume/CV, cover letter, and contact information for three references via the SCADS Student Intern Application linked from our website, https://ncsu-las.org/2022-scads. The priority deadline for applications is 11:59 p.m. EST on February 18th. Students selected for an interview will be notified by February 25th. The application will remain open until March 4th and secondary interview offers will be extended by March 11th.