



NASA CONNECTICUT SPACE GRANT CONSORTIUM INTERNSHIPS



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INSPIRING AND EMPOWERING THE NEXT GENERATION OF CONNECTICUT'S EXPLORERS

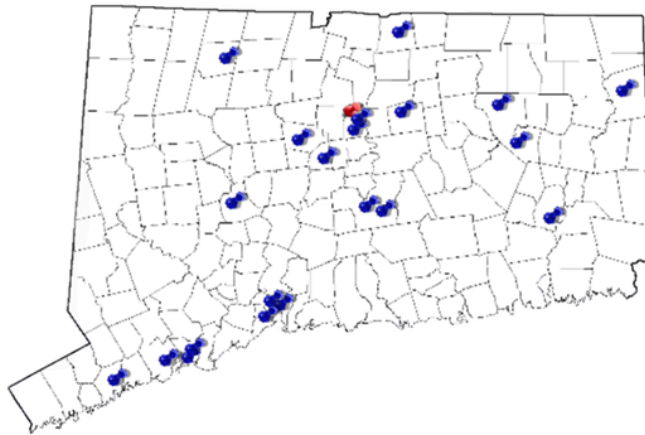
NASA CTSGC PURPOSE

- Inspire the pursuit of careers in science, technology, engineering and mathematics (STEM), especially within groups who have traditionally been underrepresented within the STEM disciplines.
- Contribute to the development of Connecticut's economy and STEM pipeline.
- Provide an environment in which all stakeholders understand and contribute to the Consortium's mission.

NASA CTSGC MISSION

The mission of the NASA CTSGC is to further the efforts started through NASA's Education Strategic Framework, specifically, NASA CTSGC has three major goals:

- To establish and promote NASA-related research opportunities that draw on the collaborative strength of private, academic, and government sectors.
- To support education initiatives that will inspire students to pursue careers in science, technology, engineering, and mathematics (STEM).
- To promote workforce development that recognizes the current and future needs of the Connecticut economy.



ACADEMIC AFFILIATES

- University of Hartford (Lead Institution)
- 22 academic affiliates statewide
 - ⇒ 11 4-year universities
 - ⇒ 11 community colleges



INTERN EXPERIENCES

Students were supported for summer internship programs at NASA centers or various industry and informal education partner sites.

John Cain

Virtual Summer 2021 Intern at Goddard Space Flight Center (GISS) for the Cloud Computing Program



John worked to support the Mission Cloud Platform, a software tool under development to serve as a hub for customers of NASA Goddard's ITCD Solutions Division. Its purpose is to allow these customers to view and interact with AWS cloud computing products and services. "Ultimately, this internship has resulted in me being more curious and eager to learn more in the future."

Amy Orenstein

Summer 2021 Intern at Synovel Laboratory



Amy worked alongside several experienced chemists on the design and synthesis of a 4th generation of drugs treating Non-Small Cell Lung Cancers (NSCLCs) at Synovel Laboratory. "This project gave me great insight into what it is like to work in the chemistry industry. It taught me what my options are for work as a chemist and the pathways to achieve my career goals in the field."

Kathie Atkinson

Summer 2020 Intern at the SHU Discovery Museum and Planetarium



Kathie was able to use her graphic design skills to aid with logo design, social media graphics and website design. "This internship allowed me to showcase my web designs to a live platform with an online presence & create an online presence during COVID-19. This has expanded my design skills & strengthened my skills in web design."

IS YOUR COMPANY READY FOR A NASA CTSGC INTERN?

NASA CTSGC is identifying full-time internship opportunities for student applicants. Student interns are required to work full-time for 8-10 weeks at their internship site; virtual internships will be considered. Internships may be in any area related to STEM, such as engineering, R&D, manufacturing, quality, career training/workshops, etc.

Students must be a full-time student at an affiliated academic institution at time of application with a minimum GPA of 3.0. NASA CTSGC funds are only available to US Citizens.

THE NASA CTSGC INTERN

The NASA CTSG Internship program has been designed to attract high-quality projects and applicants. Our model follows the model and structure of the highly competitive and successful NASA Center Internships – specifically, industry/project sponsors identify projects, and CTSGC will then advertise for summer interns for those specified projects. By having projects identified ahead of time, more students, especially community college students, will be likely to apply for the opportunity.



AWARD TYPES

Industrial Internship – Undergraduate/Graduate students enrolled at affiliated institutions are eligible to apply.

Education Internship – Undergraduate/Graduate students enrolled at affiliated institutions are eligible to apply.

Technical Internship – Priority given to Community College students enrolled in an Associate's degree at an affiliated institution are eligible to apply. If space is available internships may be offered to 4-year institution or graduate students².

Internships will be dispensed dependent upon the funding available, the applicant pool and industry's ability to accommodate the internships.



WHAT YOU PROVIDE:

- Meaningful, full-time internship opportunity for students – hands-on, high level involvement in projects
- Mentorship and training
- Exposure to careers and professionals
- 1:1 match, may be in-kind

WHAT CTSGC PROVIDES:

- \$7,000 stipend for student
- Pool of qualified, pre-screen applicants (you interview and select)
- Promotion of project, and company.
- Assistance/coaching on project/internship description.

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