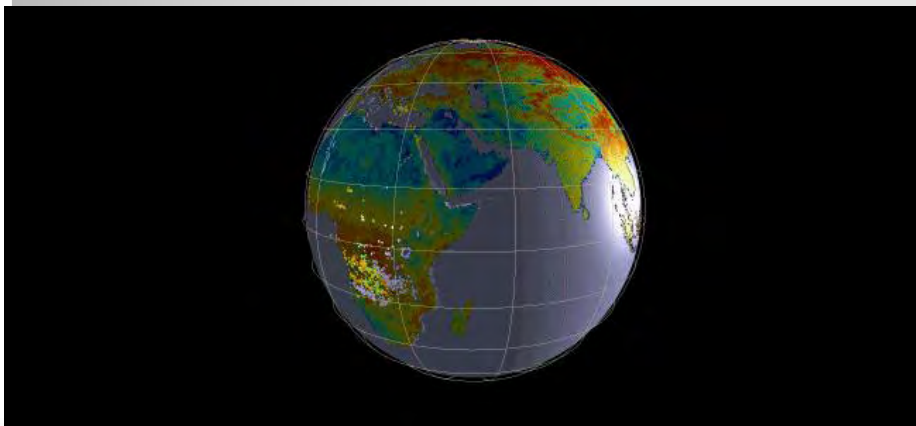
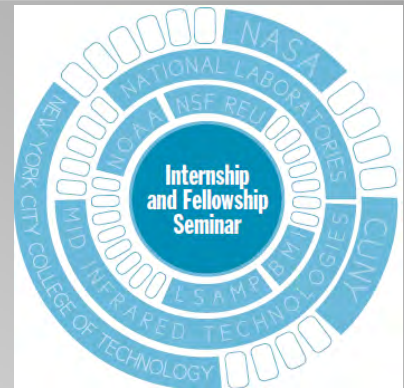




Research Opportunities

NOAA – Cooperative Remote Sensing Science and Technology Center (CREST)



NOAA – Cooperative Remote Sensing Science and Technology Center (CREST)



Student Fellowship

Funding Opportunities in Remote Sensing for Undergraduate Students

- Academic Year Funding to Support Tuition and Research Internships.
- Paid Summer Internships in New York and Washington DC.
- Stepping Stone to Permanent Jobs at NOAA, NASA, Raytheon, etc. in Remote Sensing Science and Engineering.

Academic Year Funding

- Tuition and Research Internships.
- \$8,000-\$10,000/year packages for undergraduates.
- US Citizenship or Green Card Required on Packages.
- Work with Professors on Remote Sensing Research.
- Atmospheric Remote Sensing, Air Quality, Marine and Coastal Monitoring.

Paid Summer Internships In NY & Washington, D.C. in Remote Sensing

- Laboratory and Field Research at CUNY.
- National Oceanic & Atmospheric Administration (NOAA).
- Other Government Agencies (Federal and State).
- Private Sector Internships.

NOAA – Cooperative Remote Sensing Science and Technology Center (CREST)



**Work with our experienced faculty
members on innovative research in
Remote Sensing applications on:**

- Climate & Air Quality
- Coastal Water Quality
- Precipitation and Water Resources
- Land & Hydrology
- Data Compression

How to contact us:

Visit us at: www.ccny.cuny.edu/noaa-crest

Call us at : 212-650-8099

Email us : noaa-crest@ccny.cuny.edu

National Science Foundation Research Experience for Undergraduates (NSF-REU)



National Science Foundation Research Experience for Undergraduates (NSF-REU)



National Science Foundation Research Experience for Undergraduates (NSF-REU)



Your Benefits as CREST-REU Fellows:

- Work at CREST facilities and CREST Research Faculty members
- Participate in Seminars and Conferences
- Exposure to professional career opportunities at NOAA and/or other Federal, State and Local Agencies, Academia and Industries alike...

Fellowship Package & Duration:

- (15 Weeks / Academic Year): •\$2,400 for Fall and Spring •\$3,600 for Summer
- Summer – 9 weeks (Mid June to Mid August)
 - Academic Year (3 weeks in fall 3 & 3 weeks in spring)

Eligibility/Requirements:

- US Citizen or Permanent Resident
- GPA 3 and above
- Matriculated Student (Junior and Senior) at any CUNY campuses

About REU:

An NSF sponsored research grant to train UG students in CREST related Sciences, to promote research careers, and to help students pursue masters and PhD degrees.

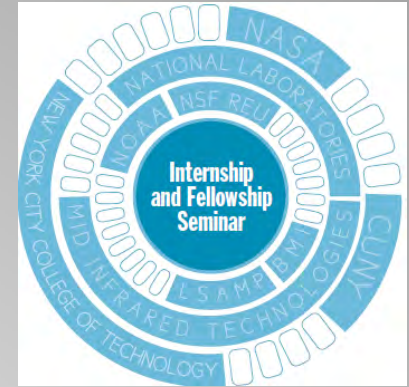
As a CREST-REU scholar, you will be mentored by a CREST faculty member to provide hands-on research experience and prepare you for advanced studies in Remote Sensing Sciences.

For More Details Contact: Professor Reggie Blake, PI

Physics Department, The New York City College of Technology & NOAA/CREST Center

rblake@citytech.cuny.edu and <http://crest.cuny.edu/reu/>

Louis Stokes Alliances for Minority Participation (LSAMP)



The New York City Louis Stokes Alliance for Minority Participation (NYC-LSAMP) in Science, Mathematics, Engineering and Technology (STEM) is a federally funded research and training program offered in all CUNY institutions. It is sponsored by a grant from the National Science Foundation in collaboration with the City University of New York.

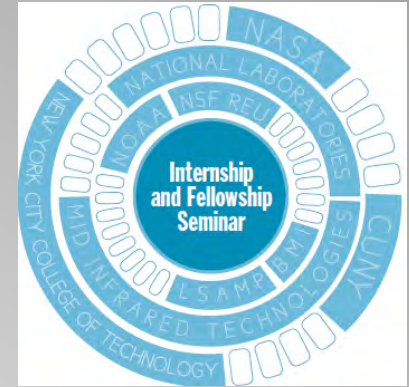
Louis Stokes Alliances for Minority Participation (LSAMP)



The Alliance program's overall goal is to ensure the retention and graduation rate of minority students in STEM significantly increase by the following actions:

- Recruit students majoring in CET (CEB), CMCE (CV), CH (CHEM), CST (CIS/CSC), EET (ET), EMT (EM), MAT (AFB/AIB), Liberal Arts & Sciences, MECH (MT), and TCET (TC).
- Provide financial support (\$10.00/hr) for research to be conducted while attending school on a full-time basis during the academic school year. For summer research participants get \$4000 for 8 to 10 weeks of work.

Louis Stokes Alliances for Minority Participation (LSAMP)



- **Eligibility**

Full time students who are U.S. citizens or permanent residents and are African American, Alaskan Native, American Indian, Hispanic, or Native Pacific Islander with a GPA of 2.8 or higher are eligible for the NYC-LSAMP scholarship.

- **Activity Coordinator at City Tech:**

Ms. Minerva Francis, Voorhees Building, Room V-806

Email: Mfrancis@citytech.cuny.edu

Phone: (718) 260-5529

Website: <http://projectstem.net>

Black Male Initiative (BMI)



Black Male Initiative (BMI)

Your Benefits as a City Tech BMI Student:

- Work on a variety of Research Projects with City Tech Research Faculty
- Participate in Seminars and Conferences
- Exposure to professional career opportunities

Eligibility/Requirements:

Matriculated City Tech STEM Student

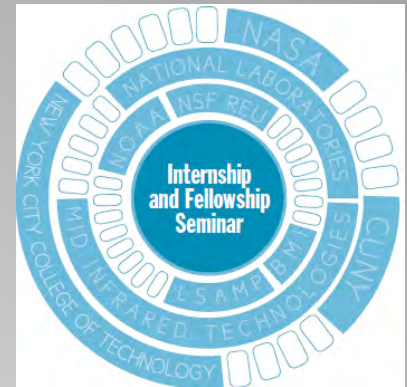
Fellowship Package & Duration:

\$500 per semester

About BMI:

The CUNY BMI program now exists on all CUNY campuses. However, City Tech's BMI program is the only STEM designated BMI program in CUNY. The program offers a plethora of student support services, and, despite its name, it is open to **all** City Tech students, irrespective of race, ethnicity, or gender. The program's main goal is to enable STEM Access and Success for City Tech students.

For More Details Contact: Ms. Sonia Johnson, MidWay Building Room 210, (718) 260 – 4910 or Professor Reggie Blake, Project Director, Physics Department, The New York City College of Technology, rblake@citytech.cuny.edu



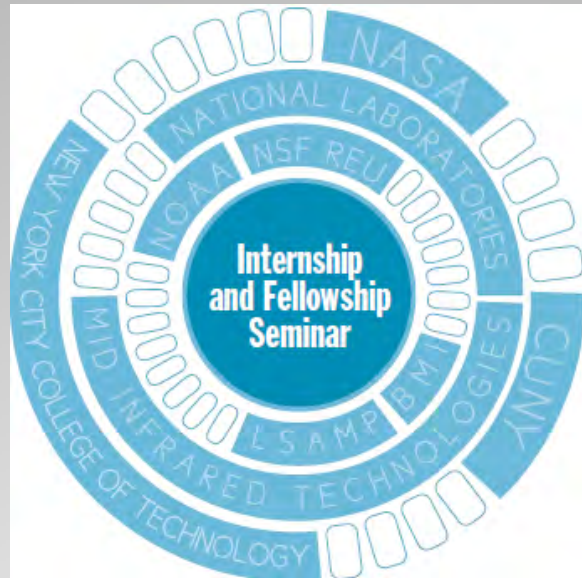
HONORS AND EMERGING SCHOLARS

Your Benefits as a City Tech HONORS SCHOLAR Student:

- Honors Credit in a regular course – Research
- Present at the Honors and Emerging Scholars Poster Conference

Your Benefits as a City Tech EMERGING SCHOLAR Student:

- Research Experience with a City Tech Faculty Mentor
- \$500 Stipend
- Present at the Honors and Emerging Scholars Poster Conference



Capstone Workshops

Session 1: June 6-7, 2011

Session 2: August 18-19, 2011

Capstone Workshop



- **Personal Statement**

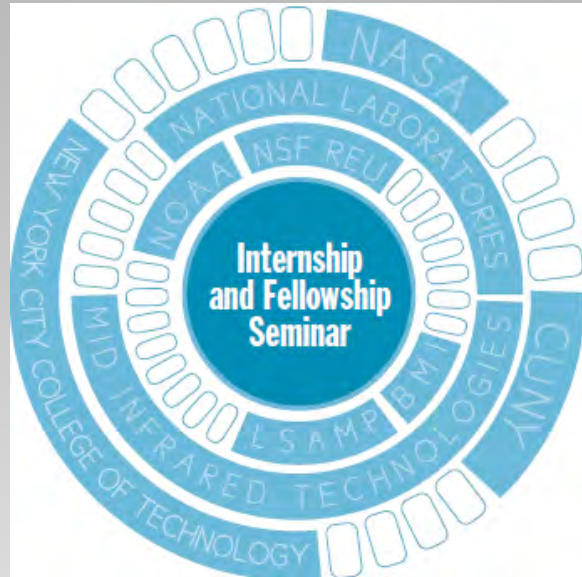
A personal statement is a document that describes your abilities, attributes, and accomplishments as evidence of your aspirations for pursuing an undergraduate research position.

- **Resume**

A resume is a summary of your experiences and skills relevant to the field of work you are interested in.

- **Recommendation Letter**

A letter of recommendation is a written statement by someone who has knowledge of your skills and competencies.



Graduate Record Examination (GRE) Preparation Course

Nine Sessions: June 2, 7, 9, 14, 16, 21, 23, 28, and 30, 2011
4:00-6:00PM

GRE

Graduate programs schools use GRE® scores to evaluate your readiness for graduate-level work.



- **Analytical Writing**

Measures critical thinking and analytical writing skills, specifically the test taker's ability to articulate complex ideas clearly and effectively

- **Verbal Reasoning**

Measures reading comprehension skills and verbal and analogical reasoning skills, focusing on the test taker's ability to analyze and evaluate written material

- **Quantitative Reasoning**

Measures problem-solving ability, focusing on basic concepts of arithmetic, algebra, geometry and data analysis