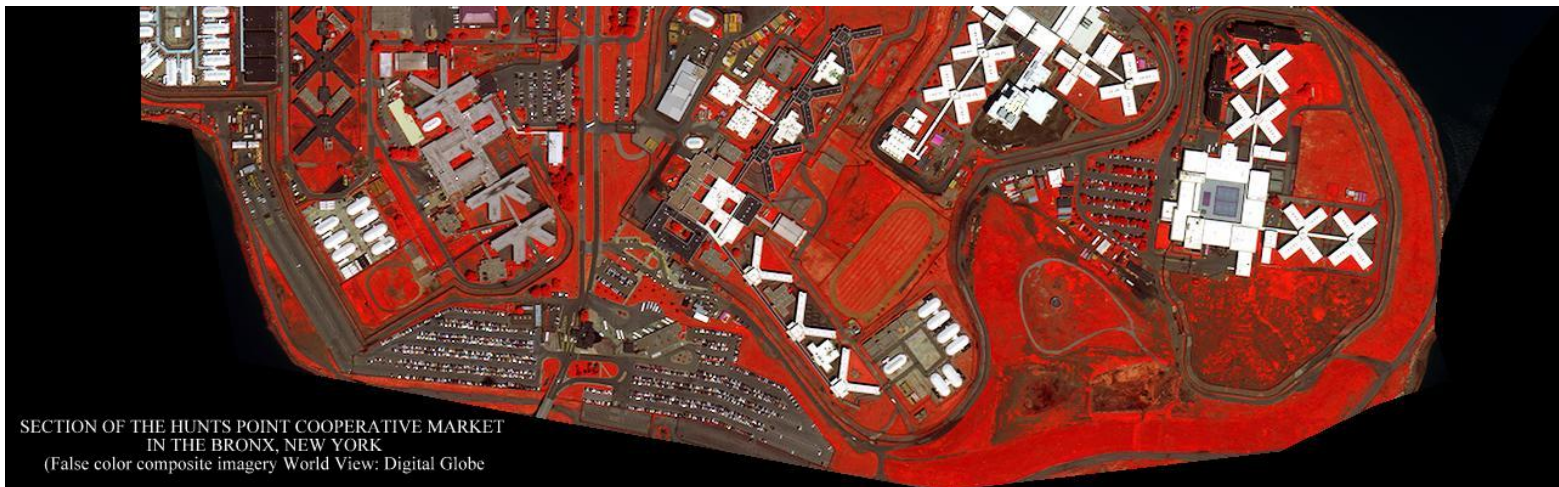# Online Summer Research Internships for High School Students

Learn to use geospatial technology in your research projects in the cloud

6 Weeks – Monday to Friday.

Upon successful completion of research all participants will earn a stipend of $1,000

SECTION OF THE HUNTS POINT COOPERATIVE MARKET IN THE BRONX, NEW YORK
(False color composite imagery World View: Digital Globe)

BCC Geospatial Center of the CUNY CREST Institute [BGCCCI]

2155, University Avenue

Bronx, New York

10453

@BGCCCIGeo

SWIP HIGHLIGHTS

The goal of the SWIP is to train participants in industry relevant geospatial and STEM research projects. Participants from high schools and colleges will engage in cutting–edge research and be mentored by expert faculty at the BCC Geospatial Center of the CUNY CREST Institute and York College. They will learn research methodologies, data analyses, perform literature review, and write technical reports / peer-reviewed journal articles and present research outcomes at conferences in the New York City region. Wherever possible an industry mentor will be included in the SWIP team. All the twenty SWIP participants will be motivated and provided guidance in applying for internships/jobs.

SWIP PROGRESS TABLE

#	Specific tasks for participants from college (6 weeks)	Deliverables
1	Introduction, Overview, Objectives Literature review, technical report writing	Technical report
2	Data Analyses, technical report writing and writing for a peer-reviewed journal	Technical report
3	Data Analyses, technical report writing and writing for a peer-reviewed journal	Technical report
4	Mapping the results, technical report writing	Technical report
5	Completing the technical report and preparing presentations	Technical report
6	Presenting the results of research with other SWIP participants and award of stipend and certificate of completion	Technical report and Presentation, Proof of internship applications

Application Form

SUMMER WORKFORCE INTERNSHIP PROGRAM (SWIP)

1. **Print Name** _____   _____   _____
                                           LAST   FIRST   M.I.

2. **OSIS #** _____

3. **Age:**_____   **Sex:**   Female   Male   **Race/Ethnicity:**_____

4. **Name of High School/College:**

   _____

   Address of High School/College:

   _____

   GPA: _____

5. **Current Home Address:**

   _____

   _____   _____   _____   _____
      APT#   CITY   STATE   ZIP CODE

6. **Contact Information**

   _(____)_____   _____
                   MOBILE   EMAIL

7. **Emergency Contact**

   _____   _____   _(____)_____
            NAME   EMAIL   PHONE NUMBER

   _____   _____   _(____)_____
            NAME   EMAIL   PHONE NUMBER

8. Questionnaire (Please answer questions in the form)

How many years of experience do you have in geospatial technology? Give two examples of projects that you were involved in and briefly describe them.

_____

_____

_____

_____

_____

Name a few opportunities that you may be interested to intern in after completion of SWIP.

_____

_____

_____

_____

_____

How do maps help us in our daily lives? Give one example and explain briefly.

_____

_____

_____

_____

_____

Give an example of how you used computers in a school project?

_____

_____

_____

_____

_____

Which careers interest you the most?

_____

_____

_____

_____

_____

Can maps help in managing emergencies? Explain briefly by giving an example.

_____

_____

_____

_____

_____

9. How did you come to know about the workshops?

_____

_____

_____

_____

_____

*If you learned about the workshop from a person please provide their contact details below:

Name/Organization where the person works: _____

Email of Contact: _____

Tel/Cell: _____

Additional Requirements:

1. **A copy of unofficial transcripts**
2. **Two references from teachers/counselors**
3. **Sample of work done in the past (example: abstracts, poster presentations, research papers, published journals, etc.)**

Applications will be reviewed and shortlisted immediately. Please, submit the completed application form (as a scanned attachment) to Dr. Sunil Bhaskaran/Dr. Ratan Dhar the directors of the program. Their email ids are Sunil.Bhaskaran@bcc.cuny.edu / rdhar@york.cuny.edu

Note: Only those applicants who are shortlisted will be contacted. Unless you get a written email confirmation you must not assume you are selected for the workshop