



Brookdale STEM Internships by New Jersey Space Grant Consortium A NASA – Sponsored Program

The New Jersey Space Grant Consortium (NJSGC) is pleased to announce the availability of four internships for Brookdale students who are majoring in science, technology, engineering, or mathematics (STEM) in the amount of \$2,000. This year's cohort of interns is Brookdale's 11th NASA cohort and will start in September 2024 and end in May 2025.

Background

The objectives of the New Jersey Space Grant are to develop programs to further aerospace and STEM education, as well as to foster research and development in New Jersey. One of our programs' goals is to fund academic year research internships to undergraduate students at New Jersey universities and colleges.

Award Procedures and Requirements

- Be a US citizen (Required by NASA)
- The internship recipient must conduct research relevant to one of NASA's missions as outlined in the NASA Program Directorate web site www.nasa.gov/about/directorates/index.html
- Be currently enrolled as a full-time student at Brookdale Community College
- A Brookdale faculty member must agree to supervise the research of the intern
- Declared a major in a STEM field of study
- Must have completed 24 credits with at least 2 semesters' worth of program requirements for their major
- Have a GPA of 3.0 or higher
- Must be a full time Brookdale student during Fall 2024 and Spring 2025
- NASA requests NJSGC to conduct longitudinal tracking of its internship's recipients. The internships recipient will be asked to sign a pledge to provide NJSGC information of their progress and career selection for a period of ten years after the end of the internship. Please note: Such information is requested only for statistical purposes and will be published only in aggregate form - names of recipients will remain confidential. The data will only be shared with NASA.

Internship Details

- The internship duration is one academic year.
- The 11th Cohort begins in September 2024.
- The interns must continue to make good progress by earning at least 12 credits each semester in their STEM program
- The interns must maintain a GPA of 3.0
- The interns should be actively involved in a STEM club of their choice
- The interns will successfully finish a STEM project by working one-on-one with a faculty advisor (preferably from their major area of study) and present this project at the Brookdale Student Showcase or Honors Symposium.
- Underrepresented minorities are especially encouraged to apply.
- The application deadline is **Friday, September 13th**.

Contact Information

Ana Teodorescu (ateodorescu@brookdalecc.edu), Associate Professor, Math Department

Nancy Cizin (ncizin@brookdalecc.edu), Assistant Professor, Biology Department

Brookdale/NJSGC STEM Internship

Please email to: Ana Teodorescu, ateodorescu@brookdalecc.edu, **Application Deadline:** September 13th
Nancy Cizin, ncizin@brookdalecc.edu

Supporting documents needed (should be sent together with the application):

1. Transcript (Unofficial transcripts are acceptable)
2. Statement describing career goals, research advisor, and **research topic**. (~300 words).
3. Completed project proposal
4. Two letters of recommendation from STEM faculty or club advisors (Recommendations may be emailed directly to ateodorescu@brookdalecc.edu, and ncizin@brookdalecc.edu)

Name (last, first)	
Brookdale Student ID	
Address (home)	
Address (mailing - if different from home address) Check will be sent to this address	
Phone, email(required)	
Congressional district (home) https://www.nj.gov/transportation/refdata/gis/maps/congressional2232.pdf	
Date of Birth	
Gender	<input type="checkbox"/> Male <input type="checkbox"/> Female
Ethnicity (circle one)	White African American Hispanic Native American Other: _____
Current Major	
Credits Expected to be Earned (as of September 2024) and Grade Point Average	
Proposed research topic and/or area	
Advisor name, affiliation, contact info (phone, email) – this field cannot be left blank	
Names of Recommending Faculty	
Date and Signature	

Please submit a separate document containing a project proposal that follows the following guidelines:

Project Proposal

Name of Investigator:

Name of Faculty Advisor:

Project Title:

Start Date:

End Date:

Project Abstract:

Write a summary of the proposed project (one paragraph).

Project Goals:

State the main goals of the project (one to three sentences).

Project Description:

Write a description of the project (one to three pages). Include:

- the issue to be addressed
- why it is significant
- current status of research in the field
- how the results of this project will contribute to the field
- methodology – how the project will be carried out
- potential obstacles to project completion, if any
- references - as needed

Materials

Write a list of materials and/or support services needed to complete the project. Indicate whether the materials/services are available at Brookdale or will be provided by an outside organization.

Costs

Provide a cost estimate for the project and potential financial resources.

Time Frame

Provide a proposed time frame for the project by week.

Reference Page