

Center for STEM Education Pre-College Program

Dr. Victor Mack- Director
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UNIVERSITY OF NORTH CAROLINA
CHARLOTTE

CATO COLLEGE OF EDUCATION

Goals

- The goal of the Center for STEM Pre-College Program is to broaden the pool of traditionally-minoritized students pursuing STEM majors and careers.
- The Pre-College Program actively recruits and prepares students of average to above average ability in grades 6 - 12 who have not been sufficiently exposed to mathematics and science based courses and careers.

Objectives

- The Center for STEM Pre-College objectives are met via enrichment activities on and off the campus of the University of North Carolina at Charlotte primarily through;
 - Saturday Academy
 - Summer Scholars
 - Research Experience

Saturday Academy

➤ The program consists of ten Saturdays and four virtual Thursdays during the academic year. Historically, participants engage in various hands-on-enrichment activities in STEM (Science, Technology, and Mathematics). Activities include, but are not limited to:

- Field trips
- Lectures and Demonstrations by UNC Charlotte Faculty/Staff
- Lego robotics
- Math competitions
- SAT/ACT preparations
- Science Fair
- Science Olympiad
- and much more

Enrollment Period:

Fall July 15-September 30

Spring November 15-January 30

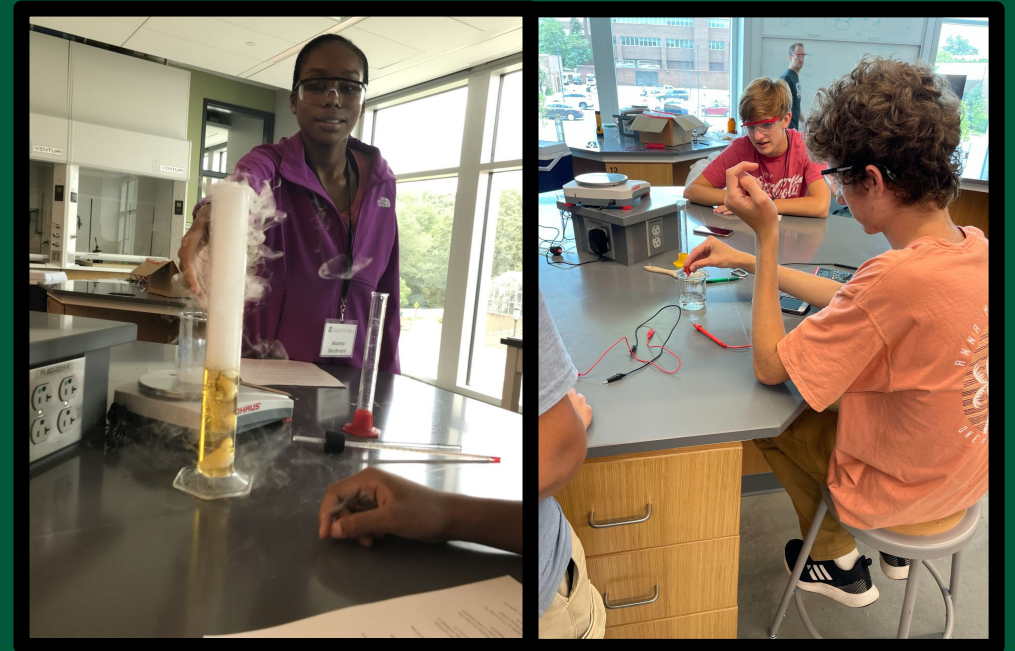


Summer Scholars

➤ The Summer Scholars Program consist of two to three weeks during June and July. This program offers students interactive experience that refine the skills, knowledge, and attributes related to mathematical and scientific careers. Activities include but are not limited to:

- Engineering
- Math
- Medical Technology
- Physics
- Science Research
- Technical Writing Skills

Enrollment Period: February 1-March 31



Research Experience

- The Research Experience Program works with high school juniors and seniors from March to September. Students will have the opportunity to be paired with a scientist mentor for an intensive summer research experience where they will be responsible for producing several products related to STEM, the research agenda of their scientist mentor, and engage in multiple events that will showcase their research experience and findings.
- Students will participate in follow-up activities during the academic year.

Enrollment Period: January 2023

Parents Involved for Excellence

- The purpose of the PIE Club is to support the Center for STEM Pre-College Program at UNC Charlotte in order to ensure that students members work to achieve their academic pursuits, career, and goals. Parent input and participation plays a pivotal role in not only the success of the program, but also is integral to the individual growth and development of our student population.
- Fund raising, role model speaking, office and classroom assistance.

Registration

- The STEM Pre-College Program at UNC Charlotte is now accepting applications for enrollment for Fall 2022. Registration will be open from July 15th-September 30th. Registration will require the following:
 - Application
 - Enrollment Fee
 - Medical Insurance Card
 - Transcripts or Report Card
 - Two Teacher Recommendations
- Please visit our website for more information:
tinyurl.com/charlotteprecollege

Fall 2022 Saturday Academy Calendar Dates

- **September 8** -Virtual Meeting/Student Orientation 6:30pm-8:30pm
- **September 17**
- **October 15**-PIE Club
- **October 27**-Virtual Meeting 6:30pm-8:30pm
- **November 12**
- **December 3**-PIE Club

Contact Information

Website

<https://tinyurl.com/charlotteprecollege>

Email

stem-precollege@uncc.edu

Phone

(704) 687-8726



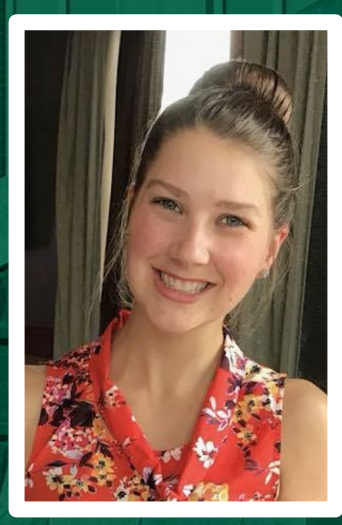
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