



Key Components and Experiences

A **three-year** mathematics and science teacher recruitment project for high school students.

- Saturday Academy and Summer Sessions
- Student Leadership Development Programs
- Communication Skills
- Rigorous and Challenging Mathematics and Science Courses and Laboratory Experiences
- Academic and Career Advising
- Parental Involvement
- Role Model Speakers
- Seminars
- Job Shadowing
- College Tours/ Educational Field trips
- Mentoring/Tutoring
- Awards and Recognition Programs



Project Management

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For more information on the program, visit

<http://www.unc.edu/depts/msen/PERSIST/index.html>

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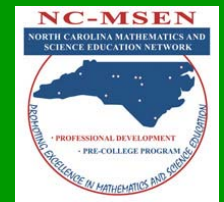
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**Pre-College Experiences to
Recruit Students
Into Science Teaching**



**UNC Center for School
Leadership Development (UNC CSLD)
North Carolina Mathematics and
Science Education Network
(NC-MSEN)
Pre-College Program (PCP)**

**Preparing Tomorrow's Mathematics
and Science Teachers Who Will
Impact The World**

All About P.E.R.S.I.S.T.

Purpose

Pre-College **E**xperiences to **R**ecruit **S**tudents **I**nto **S**cience **T**eaching (P.E.R.S.I.S.T.) is a science and mathematics teacher recruitment program for high school students with high potential, but who may not have been encouraged to pursue mathematics or science teaching as a career. The Program will enable students to develop a greater understanding of the teaching process and acquire the fundamental skills needed for a science or mathematics teaching career.

The Burroughs Wellcome Fund-project allows NC-MSEN PCP students to become exposed to unique, valuable science and mathematics teacher recruitment experiences that enrich their science/mathematics learning and helps them acquire the skills needed to enter and remain in the teaching pipeline. Ninth-grade students, recruited from the NC-MSEN PCP, will participate for three years in year-round activities and experiences that will increase their interest in science and mathematics teaching. Follow-up activities during the cohort's fourth year will assist the students' successful transition to college.



NC-MSEN PCP Mission

The North Carolina Mathematics and Science Education Network Pre-College Program (NC-MSEN PCP) is designed to broaden the pool of students who graduate from high school with sufficient preparation to pursue mathematics and science programs of study at the university level and to move into careers in science, technology, engineering, mathematics, and teaching.

NC-MSEN PCP Sites

- East Carolina University (ECU)
- Elizabeth City State University ** (ECSU)
- Fayetteville State University ** (FSU)
- North Carolina A&T State University (NCA&TSU)
- North Carolina State University (NCSU)
- University of North Carolina at Chapel Hill ** (UNC CH)
- University of North Carolina at Charlotte ** (UNCC)
- Western Carolina University (WCU)
- Winston-Salem State University ** (WSSU)

** P.E.R.S.I.S.T. Scholars Sites

Expected Outcomes

Increased understanding of the pathway to science and mathematics teaching and a teaching career.

Goals

- Improve students' understanding of science and mathematics teaching by engaging them in rigorous, challenging, hands-on, inquiry-based advanced courses; academic advising; job shadowing; and seminars focused on teaching, communication, and leadership skills.
- Forge partnerships between student participants and UNC faculty who will serve as mentors/consultants in nurturing students' enthusiasm for science/mathematics teaching.
- Expose students to current information on science-/mathematics-related baccalaureate programs that lead to teaching careers.
- Involve parents in workshops that examine and promote careers in mathematics/science teaching.

