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

Rita L. Fuller, Ph.D., Co-Principal Investigator and Project Director
Verna L. Holoman, Ph.D., Principal Investigator
Felicia L. Umstead, Project Assistant

For more information on the program, visit

http://www.unc.edu/depts/msen

E-mail P.E.R.S.I.S.T. Site questions to

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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
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.