

NCSU NC-MSEN Pre-College Program

Friday Institute
1890 Main Campus Drive
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**NC-MSEN PRE-COLLEGE PROGRAM AT NCSU FOOD SCIENCE RESEARCH
EXPERIENCE APPLICATION**

FOOD SCIENCE RESEARCH EXPERIENCE

Dates of Experience: July 6, 2009 – July 31, 2009

The NC-MSEN Pre-College Program at NC State University Food Science Research Experience is sponsored by the U.S. Department of Agriculture (USDA) Research Service and the Food Science Department at NC State University. Students will learn about basic microbiology, vegetable fermentation, DNA fingerprinting to identify bacteria, and basic food science in a research lab setting. Food science applies science to the development of processing, packaging, and distributing food. Students will be supervised by a high school science teacher and will receive instruction and guidance on a project from researchers who work for the USDA in conjunction with the Food Science Department at NCSU. Students will work 20 hours per week during the experience and earn a salary of \$9.86 per hour. The 20 hours per week will be flexible and determined by the researchers who will supervise the students. Students will be required to complete and present an overview on their experiences to the USDA Research staff and the Food Science Department faculty and staff at the end of the experience.

NOTE: For students who attend SE Raleigh High School since school begins the last week of the experience, the program will allow you to work flexible hours during the last week so that it will not conflict with your school hours.

Students must meet the following requirements:

- 1. Students must have completed algebra II with a “B” or higher grade by June 10, 2009.**
- 2. Students must have completed biology and chemistry with a “B” or higher by June 10, 2009.**
- 3. Students must have a career interest in biology, chemistry, biochemistry, or related areas.**
- 4. Students must be a U.S. citizen.**

PLEASE PRINT:

Student Name _____

School Name _____ Grade Level _____

DOB _____ / _____ / _____ Social Security Number _____
Month Day Year

Gender _____

Race/Ethnicity _____

Math Course (Fall 2008) _____

Math Course (Spring 2009) _____

Science Course (Fall 2008) _____

Science Course (Spring 2009) _____

School for 2008-09 School Year _____

School for 2009-10 School Year _____

PARENT INFORMATION:

Parent(s)/Guardian(s) Name _____

Street Address _____

City, State, Zip Code _____

Home Phone Number _____

Work Phone Number(s) _____

Cell Phone Number(s) _____

Parent/Guardian's Email Address _____

All of the following items are required for a complete application.

1. _____ **FOOD SCIENCE RESEARCH EXPERIENCE Application Form**
2. _____ **Transcript (student must have a grade point average of 3.5 or higher)**
3. _____ **Three recommendations from your teachers who teach English/language arts, mathematics, science, or social studies. Two recommendations must come from your chemistry, biology, or Algebra II teachers.**
4. _____ **A one-page essay on how this experience will benefit your academic future.**



NC-MSEN Pre-College Program

2009 Food Science Research Experience Program – Recommendation Form

This Part to be Completed by the Applicant

Name _____
Last First Middle

Address _____
Street City State Zip Code Country (if not US)

E-mail Address _____ Phone _____

Applicant’s statement: I understand this letter of evaluation is to be received and maintained in confidence by North Carolina State University’s NC-MSEN Pre-College Program.

Please give this form to your recommender

RECOMMENDER-Please return this form to the student or parent.

This Part to be completed by the Recommender

To the Recommender: We would appreciate your opinion of _____, an applicant for the NCSU NC-MSEN Pre-College Program Summer Scholars Program. We are particularly interested in the candidate’s strengths and weaknesses in the areas of math and science as well as behavior so that we may be better able to enhance their academic performance levels in the areas of mathematics and science.

	Above Average	Average	Below Average
Intellectual ability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Imagination & creativity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ability in oral expression	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Writing ability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mathematical ability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Science ability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Behavior	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

How long have you known this applicant? _____

In what capacity? _____

Recommender’s Name (Please Print) _____ Position or Title _____

Name of School _____ Address _____

Phone _____ Email _____ Signature _____ Date _____

**All application materials must be submitted together by May 29, 2009 at 5:00 p.m.
No late applications will be accepted.
Electronic submissions will not be accepted.**

**Please submit the application packet in person or by U.S. Mail at the following address:
NC-MSEN Pre-College Program at NCSU
Friday Institute
1890 Main Campus Drive
Raleigh, NC 27606**

Acceptance in the program will be sent to the e-mail address that is provided on this application unless otherwise requested. All applicants will be notified by June 5, 2009.

You may submit questions by e-mail at ncsu_nc-mseNPCP@ncsu.edu or by telephone at 513-8534.

I give permission for my child to participate in the NC-MSEN Pre-College Program Food Science Research Experience as a part of the NC-MSEN Pre-College Program at North Carolina State University. The coordinator or his designee, the assistant coordinator, determines the right to admit or to refuse the admission of any student without question to this research experience. In addition, I understand that in the event of misbehavior by my child; he/she will be dismissed from the program without payment from the USDA without recourse as decided by the coordinator or his designee, the assistant coordinator.

Parent/Guardian Signature: _____

Date: _____