



UNC CHARLOTTE
NC-MSEN PRE-

Site Report
May 18, 2010

NC-MSEN PRE-COLLEGE PROGRAM
CENTER OF MATHEMATICS, SCIENCE AND TECHNOLOGY

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Saturday Academy for PCP, PRESIST, and METAS for 2010
January 9 and 23, 2010; March 6 and 27, 2010 ; May 15, 2010

Charlotte-Mecklenburg Regional Science Fair
February 13, 2010

Regional MSEN Day (UNC Charlotte)
March 6, 2010

Regional Science Olympiad
March 13, 2010

NCJSHS (Charlotte, NC)
March 2010

NC State Science Fair
March 2010

MSEN Day 2010 (UNC Chapel Hill - host site)
April 24, 2010

Annual Awards Day and Picnic
May 15, 2010 - Hornets Nest Park, Charlotte NC

Summer Scholars 2010 (PCP, PERSIST, METAS, NASA/NC-MSEN SPACE) and Research Experience for 11th and 12th Grade Students:
Pre-College and P.E.R.S.I.S.T
June 21 - July 10, 2010
M.E.T.A.S: June 21 - 25, 2010
NASA/NC-MSEN SPACE:
June 21 - July 2, 2010
Research Experience: June 21

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Saturday Academy

The 2010-11 Saturday has come to an end. This has been an exciting year that will lead into a great Summer Scholars program. There has been an increased awareness of the program and what it offers. At the March 27, 2010 Saturday Academy session the UNC Charlotte NC-MSEN Pre-College Program was initially scheduled to have a virtual session for the middle school students and a few 9th graders, that was set up by Justin Beard, but due to a conflict the virtual session was unable to be done. The good thing that came out of that was that we were still able to get the speaker to come out, thanks to Justin. The students received a wealth of information from Jeff Stovall, who is the Chief Information Officer from the City of Charlotte. He gave them information on his career and how important technology is and the potential to do great things and love what you are doing. He sparked the interest of all of the students, so much that several of them request to stay in contact with him to get more guidance. vantage of this opportunity. Some of the topics he touched on were: what he does in his career and past careers, how he got interested in his career, what he did to help him get there (education), and he gave basic advice on achieving their goals.

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SATURDAY ACADEMY

The Saturday Academy sessions ended with the Awards Program and Annual Picnic. This took place on Saturday, May 15, 2010 at Hornets Nest Park in Charlotte, NC. This is the time to celebrate the 2010-11 students. Teachers designated awards for students to receive and they really enjoyed themselves (students, family members and teachers/staff). The event was a success and a big thank you would be extended to the PIE Club. Each year the PIE Club ar-

ranges a wonderful picnic for the students and their families. Additionally each year the PIE Club gives each graduating senior a special monetary/scholarship. There are set criteria for each of the seniors to receive this special gift. Those criteria include: parents participating in the PIE Club, parents attending a certain number of PIE Club meetings, participation in at least two of the set fundraisers, and student

attendance at Saturday Academy.

This has just been a great year and we are all excited about the upcoming summer!!!!

MSEN DAY 2010 - UNC CHARLOTTE 1ST PLACE!

It was truly a GREAT DAY!!! On April 24, 2010 the UNC Charlotte, NC-MSEN Pre-College Program traveled to Chapel Hill, NC to compete the 2010 MSEN Day Competition. The day was long and very exciting.

Students from Charlotte were eager to compete

because they wanted to see if they would place in their event categories.

After the testing was all done the students waited to get the results. Listening to students from the UNC Charlotte site place in various categories was extremely exciting. It wasn't until the end that it became very intense. It

was announced that the 1st Place overall trophy goes to the UNC Charlotte site! This was truly a great moment.

This was a great day and the UNC Charlotte site looks forward to going to the 2011 MSEN Day Competition in Fayetteville, NC at Fayetteville State University.



RESEARCH EXPERIENCE FOR 11TH AND 12TH GRADE STUDENTS

The Research Experience for 11th and 12th Grade Student interns have been hard at work during this school year. So this has truly been a great year for all of the interns.

As the year end for the 2009-10 interns several of them have received awards and placed in various competitions because of their projects. They

have participated in the Regional Science Fair, State Science Fair and Junior Science and Humanities Symposium.

Intern Brianna Frink placed at the Regional Science Fair and from that she was able to participate and attend the Intel ISEF competition in San Jose, Ca (May 9 - 14, 2010). Brianna also received a

Stockholm water prize.

The Research Experience internship program is currently conducting interviews for 5 slots for the 2010-11 internship year. The potential candidates are fantastic! There are so many students interested in the program and its popularity continues to grow.

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P.E.R.S.I.S.T IN NEWS

The P.E.R.S.I.S.T students are preparing for the last summer. Time has really flown by and these students are now rising 12th grade students.

It is now clear that their appreciation for math and science education has truly changed and grown. They now see things differently and they are able understand the importance of people going in to education.

The P.E.R.S.I.S.T students will have a college tour of UNC Chapel Hill

June 25, 2010. This will be an exciting weekend of event for them. Their Summer Scholars Program will be June 21, 2010 - July 9, 2010.



M.E.T.A.S IN THE NEWS

The M.E.T.A.S. students are continuing to enjoy the program and the interest in the program is growing. Several Hispanic students in Cabarrus County have expressed interest in the program. The M.E.T.A.S students are very dedicated to the program, they make

sure that they attend all of the Saturday Academy Session. The M.E.T.A.S teachers always stay how much the love the passion that these students have about math and science. There are several M.E.T.A.S students who are current 8th grade students so they

will venture into 9th grade next year and they are still going to participate in the M.E.T.A.S Program.

The M.E.T.A.S group also has very strong parent support. Their parents arrange car pools and attend events.

GREAT NEWS FROM NUCOR

The UNC Charlotte NC-MSEN Pre-College Program has been awarded \$12,000 from NUCOR Corporation to help support several internship opportunities with various engineers within their organization. NUCOR is the largest steel producer in the United states.

During the month of April, NUCOR Talent/Recruiting Manager, Wayne Robinson, contacted Chastity Harper wanting to arrange a meeting to discuss how could NUCOR help with opportunities for students involved in the program. This could mean that these interns could do an internship at NUCOR. Mr. Robinson requested that Chastity do a write up on the program on what would be needed and etc.

By surprise on May 12, 2010 Mr. Robinson contacted Chastity and informed her of the great news. Another meeting has been arranged for May 14, 2010 to actually discuss the conditions and terms of how this will all work.

More news and information to come in the upcoming months!

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STUDENT SPOTLIGHT CORNER

1. Brianna Frink - received a \$400 scholarship from Zeta Phi Beta Sorority, Inc. Also Brianna will participate in the Intel ISEF Competition in San Jose, Ca. Additionally Brianna has received a Stoke Holm Water Prize.
 2. Clarke Eaves - was accepted into Queens University and Meredith College. She will attend Queens University in the fall.
 3. Nashira Blackmon - was accepted into Virginia State University and she has received a full academic scholarship. Nashira will attend VSU in the fall and major in mechanical engineering.
 4. Alexis Turner and Toheli Dumnzio - were accepted into the North Carolina School of Science and Mathematics starting Fall 2010.
 5. Monja Johnson - Monja has been accepted into the Educational Summer Program at Oxford University in England, UK.
 6. Peyton Brown - Peyton attended the North Carolina State Science Fair and she was selected to attend the Intel Internal Science and Engineering Fair (ISEF) in San Jose, Ca.
 7. Bobby Lee - will participate in the Intel ISEF Competition in San Jose.
 8. Kelsey Eaves - Kelsey was in-
- ducted into the National Junior Honor Society at Piedmont IB Middle School.
9. Joey Kroger - Joey placed 3rd in the UNC Charlotte Super Competition for Physics



STUDENT/PARENT INFORMATION

1. The PIE Club donated \$1,000 toward the charter buses to get to MSEN Day 2010!
2. Synthia Lewis-Lee, PIE Club parent, paid for the total cost of the MSEN Day 2010 t-shirts.
3. The UNC Charlotte NC-MSEN Pre-College Program is accepting application for interested students March 3, 2010 - May 14, 2010.

