



## East Coast Science Decathlon

### Calendar

#### Saturday Academy I

September 19, 2009  
October 17, 2009  
November 21, 2009  
December 5, 2009

#### OPT-ED Alliance Day

October 2, 2009

#### Parent Academy High School Leadership

October 3, 2009

#### NCCTM PERSIST

October 30, 2009

#### NCSTA PERSIST

November 19-20, 2009

#### Saturday Academy II

January 16, 2010  
February 20, 2010  
March 20, 2010  
April 17, 2010

#### UNC PCP Science Decathlon

February 20, 2010

#### East Coast Science Decathlon

Atlanta, GA  
March 27, 2010

#### FIRST Robotic NC Regional Competition

Dorton Arena, Raleigh NC  
April 1 – 3, 2010

#### NC MSEN State Day UNC Chapel Hill

April 24, 2010

#### Awards Day

May 15, 2010

#### National Science Decathlon

Cancelled

#### Summer Academy

June 21 – July 2, 2010



PCP High School 3<sup>rd</sup> Place Team

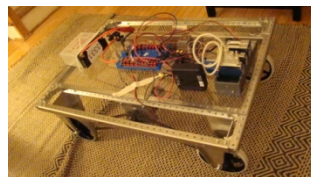
PCP Middle School 3<sup>rd</sup> Place

Chewing Middle School 2<sup>nd</sup> Place

PCP had 4 teams (2 Middle and 2 high schools) compete at ECSA in Mableton, GA. Two Chewing Middle School teams attended separately from PCP. Students won medals or trophies in individual events. One High school team placed 3<sup>rd</sup> overall and one middle school team placed 3<sup>rd</sup> overall for the PCP team. One of the Chewing Middle School teams placed 2<sup>nd</sup> place overall. Due to budget and financial constraints the National Science Decathlon in Ellensburg, WA was cancelled.

## FIRST Robotic Competition

Tar Heel Team #3331 unveiled the "Blindside" robot at JC Penney Store in Cary, NC. We competed at the NC Regional April 1 -3, 2010. At the competition two alliances of three teams each compete on a 27' x 54' field with bumps attempting to earn points by collecting soccer balls in their goals. Additional bonus points are earned if a robot can hang on a bar or another robot. The students worked from January to April designing, building, troubleshooting, rebuilding and finally participating in the competition.



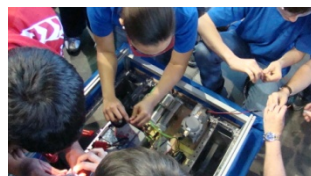
Robot after Kick-off



Brainstorm at Freelon Firm



Introducing robot to Saturday Academy before unveiling at JC Penney Cary Towne Center



Rebuilding Robot at Regional



Dr. Rita Fuller & Alexis Pena at Regional



Blindside robot in action

## PERSIST Update

PERSIST Scholars prepared and taught a mathematics or science lesson to Saturday Academy students. The students are preparing podcasts from their teaching experience. The podcasts will be displayed at the PERSIST Banquet, June 26, 2010.

## State NC-MSEN Day – April 24, 2010



*Lisle Bull, Dr. Bill McDiarmid,  
Mr. Stephen Farmer,  
Dr. Verna Holoman, Dr. Russell Rowlett  
and Rev. Barrington Ross*

UNC Chapel Hill NC-MSEN Pre-College Program hosted the 24<sup>th</sup> State NC-MSEN Day. Ms. Lisle Bull served as hostess for the Opening Ceremony. Ms. Bull is a UNC Chapel Hill Pre-College Program Alumni. She participated in the program for 6 years and has continued to assist as a student at UNC Chapel Hill. She was the recipient of the NC-MSEN Hearst Scholarship in 2007. Rev. Barrington Ross, Piney Grove AME, led a prayer for the day. Greetings were given by Dr. Bill McDiarmid, Dean, School of Education, UNC Chapel Hill; Mr. Stephen Farmer, Associate Provost, UNC Chapel Hill and Director of Admissions; Dr. Verna Holoman, Executive Director, NC-Mathematics Science Education and Dr. Russell Rowlett, Director, Center for Mathematics and Science Education.



*Students in Great Hall waiting to begin*

After Testing and lunch, students, volunteers and parents attended two workshops. Departments from UNC Chapel Hill and local STEM organizations were invited to provide a workshop for students, parents and guests. The workshops titles were Admission criteria for North Carolina School of Science and Mathematics, OPT ED and Beyond, Health Careers Information and Enrichment Workshop, BRITE Program (NCCU) Information, FIRST Robotics, How Public Health Affects You, Three Components of Environmental Sustainability, Exploring Ackland Art Museum, Forensics demonstration, and PERSIST Scholar David Agudelo-Frankel taught middle school students.



*Phi Beta Sigma Step*

Award Ceremony opened with the Phi Beta Sigma step show. Dr. Robert Q. Berry was the guest speaker. He presented a story about Basil and showed how life choices and determination affect your grades and decisions you make. He was well received by students and guests.



*Dr. Robert Q. Berry*

Dr. Rita Fuller presented awards. The 1<sup>st</sup> place oratorical winners for middle and high school gave their winning speech. After all the awards were presented the Pre-College sites with the most number of medals were awarded trophies. UNC Charlotte won 1<sup>st</sup> place, NC State won 2<sup>nd</sup> and Elizabeth City State University won 3<sup>rd</sup> place.

Continuing with the tradition, The torch was passed on to Frank King who will plan for State NC-MSEN Day at Fayetteville State University.



*Dr. Rita Fuller presenting  
to Dr. Russell Rowlett*

### UNC Chapel Hill State Team Members

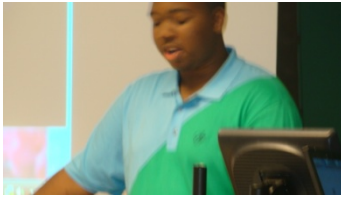
**Middle School** – Calvin Affleck, John Baires, Atreyo Best, Ronald Bethea, Regina Brunson, Ryan Bunn, Angel Ceron, Jeliy Clark, Christin Evans, Joel Evans, Jalyha Giles, De'Mar Glasper, Nelson Guyman, Chyna Hargrove Foy Jeter Ronald Harris, Tivan Harris, Sapphire Hill, Ryan Honore, Charles Ingram, RJ Jackson, Savannah Jackson, Tori Kpenosen, Ivan Martinez, Genesis Molina, Shazeeda Mohamed, Jonathan Jenkins II, Tia Keith, Bria Massey, Mercy Mensah, Taylor Merritt, Nadia Moore, Ramya Mulugu, Gabriella Ochman, Annie Padgett, Isaiah Parrish, DeMarcus Porter, Myah Robinson, Dulce Rodriquez, Santanlia Scoggins, Jamaal Turner, Jeremiah Wilson, William Wise, Tayjee Young



*UNC Chapel Hill State Team*

**High School** – David Agudelo-Frankel, Lyndsay Barnes, Adam Belcher, Jenifer Brown, Bianca Burton, Lamonte Brunson, Natalie Clifton, Habekkuk Curry, Jasmine Godfrey, Janelle Ingram, Alexis Pena, Jayakrishnan Pokuri, Quentajia Small, Ivana Thomas, Sherika Thorpe, Andre Walker, Alexandria Ward

## Awards Day – May 15, 2010



*Adam Belcher*  
Host, 11<sup>th</sup> grade, Southern  
Alamance High, PERSIST Scholars

Students, teachers and parents come to UNC Chapel Hill campus to recognize achievements at school and with the UNC Chapel Hill NC-MSEN Pre-College Program. Adam Belcher, 11<sup>th</sup> Grade student from Southern Alamance High School and PERSIST Scholar served as host. Ms. Ivana Thomas, 10<sup>th</sup> grade student from Hillside opened with her NC-MSEN State Day Oratorical speech. A PowerPoint synopsis of the year was presented by Mrs. Dianne Affleck (Coordinator of PCP). Dr. Pat Shane was the guest speaker and challenged students to become a part of the STEM pipeline. She shared three things needed to maintain the STEM pipeline – 1) Get people interested in STEM careers, 2) Prepare to work hard and challenge yourself as you pursue STEM and 3) Learn how to think so that you can apply what you know. Dr. Shane gave a great inspirational talk.



*Ivana Thomas*  
10<sup>th</sup> Grade, Hillside High, State NC-  
MSEN Day Oratorical Speaker

The rest of the morning was dedicated to awards.



*Dr. Pat Shane*  
Awards Day Speaker



*PCP Teachers*



*Tar Heel Robots Team*



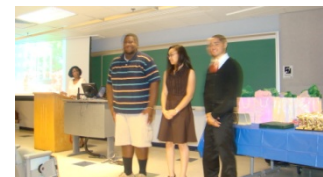
*FIRST Mentors*



*East Coast Science Decathlon Team*



*Top GPA Recipients*



*Seniors – Class 2010 - Donald McIver,  
Alexandria Ward, Caleb Ross*

## Upcoming Events

**Summer Academy –**  
Middle School Summer  
Academy (MSSA)

NC-MSEN NASA Space/High  
School Summer Academy  
June 21 – July 2, 2010

**PERSIST Banquet**  
June 26, 2010

**SCIBLS**  
July, 2010

## Class of 2010 – Future Class of 2014

Barbara Affleck – future Pirate, East Carolina University  
Natalia Alexander – future Aggie, NC A & T  
Donald McIver – future Panther, Clark-Atlanta University  
Caleb Ross – future Rattler, Florida A&M State University  
Zaria Shields – future Deacon, Wake Forest University (Unconfirmed)  
Alex Ward – future Engineers - Worcester Polytechnic Institute  
Grant Wilson – Future Yellow Jacket, Georgia Institute of Technology

## SCIBLS

Quentajia Small, rising Junior from Jordan High School will attend SCIBLS at NC State in July.