

UNC Chapel Hill NC-MSEN Pre-College Program

Saturday Academy Session II

Calendar:

OPT-ED Alliance Day
September 26, 2008

Leadership Retreat
October 10-11, 2008

Saturday Academy Session I - PCP & PERSIST
October 18, 2008
November 1, 2008
November 15, 2008

Saturday Academy Session II - PCP & PERSIST
January 24, 2009
January 31, 2009
February 7, 2009

Dr. Martin Luther King, Jr. Celebration
January 31, 2009

East Coast Regional Science Decathlon
February 21, 2009

CIAA High School Day
February 25, 2009

MEAC High School Day
TBA

Expanding Your Horizon for 7th Grade Girls
March 3, 2009

State NC-MSEN Day at Winston Salem State University
April 4, 2009

Awards Day
May 16, 2009

National Science Decathlon
May 30, 2009

Summer Programs – MSSA & HSSA
June 29 – July 17, 2009

PERSIST Banquet
July 11, 2009

Saturday Academy Session II met for three consecutive Saturdays, January 24, January 31, and February 07, 2009 from 8:00AM – 2:00 PM. The total enrollment for Session II was 309 students enrolled. There were 26 schools from Alamance, Chapel Hill, Durham, Orange and Wake counties represented.

Middle School Review

Mathematics – students learned the techniques of problem solving, measurement data, constructing and analyzing graphs, probability, ratios, fractions and critical thinking problems.

Science – students participated in hands-on inquiry based activities which focused on energy – current energy problems, energy issues and possible solutions for the future.

Language Arts – students selected several topics to present based in three types of speeches, argumentative, persuasive, and informational. Their products were centered in a debate the last day of class.

Public Speaking - Students worked on self developed oral presentation skills, so they could effectively communicate with others.

High School Review

Mathematics – Students participated in hands-on and inquiry based lessons based on their current math class - pre-calculus, Calculus, Integrated I/II, Algebra I, Algebra II, Geometry, Advanced Functions and Statistics.

Science – Students learned how to properly dissect the sheep eye, frogs and sheep brain. They also studied the parts and functions of each item. They were also taught how to observe atoms and molecules of an object.

Senior Project – students learned how to prepare for their graduation project, discovering the four components required for graduation- research, product, portfolio, and presentation.

Language Arts - students worked in the computer laboratory researching colleges and universities requirements. This was to help students' decision making in selecting a career/major for college.

In the afternoon the middle and high school students were involved in the following STEM activities. The activities focused on were NC-MSEN Day (Mystery Architecture, T-shirt Design, robotics & Oratorical) and Science Decathlon (Geotrekker, crane fly, robotics, chemical observation, 13 test tubes).



Students in Action!!

East Coast Science Decathlon

East Coast Conference Tournament, February 21, 2009, hosted by Chewing Middle School, Durham, NC. PERSIST, ROBOT and PCP students participated in the tournament. The students participating in the East Coast Conference are listed below. ROBOT students are highlighted in yellow. PERSIST students are highlighted in blue.

Middle School Teams		
Team # 1	Team # 7	Team #13
Blankenship, Bailey	Best, Atreyo	Affleck, Calvin
Curry, Habekuk	Brunson, Lamonte	Barry, Jean Christian
Kempski, Carly	Evans, Joel	Evans, Christin
Lynch, Jada	Honore, Rian	Lettley, Gregory
Pokuri, Jayakrishna	Monsees, Bailey	Lui, Alan
Wade, Sam	Wasson, Dylan	Rycek, Tyler

High School Teams	
Team # 25	Team # 36
Allison, Hannah	Agudelo-Frankel, David
Belcher, Adam	Boker, Fitzpatrick
Ingram, Janelle	Brown, Jenifer
Kempski, Conrad	Rodgers Elliott
Sherrill, Jalissa	Ward, Alex
Small, Quentajia	Womble, Lauren

Students competed in the following ten competitions – Water Rocketry, Robotics, 13 Test Tubes/Chemical Observation, Scientific Method, Four N Six, Marine Biology, Amphibians & Reptiles, Bridge Breaking/Tower Breaking, Geotrekker, and Cranefly. Students also participated in pilot events – mousetrap car. Middle School Team #1 won 3rd place overall and high school team # 36 won 1st place overall. All five teams will travel to California to compete in the National Science Decathlon on May 30, 2009.



Middle School Team #1



High School Team # 36



NC-MSEN Pre-College Program

Parent Saturday Academy

PERSIST and NC-MSEN Pre-College Program parents met for activities and to hear a guest speaker. Parents introduced themselves to each other. Parents were introduced to CFNC website and had an opportunity to get on the CFNC website to set up an account for themselves and their students

Arthur Affleck, III, Senior Vice President, B & C Associates, Inc. Mr. Affleck shared information about his book, "Yes You Can Finish High School and Go to College," An inspirational book for students and parents to encourage students to pursue college. He also shared how parents can help and inspire their students to pursue college. He talked about the information that students and parents need to know in order to go to college. His information was well received and the parents received a copy of the book.

State NC-MSEN Day – April 4, 2009

Seventy students competed at the NC-MSEN State Day competition at Winston Salem State University. The following students below participated. ROBOT students are highlighted in yellow. PERSIST students are highlighted in blue.

Calvin Affleck – 6 th Science - 2 nd Place	Janelle Ingram - Poster HS
LeRoy Arthur - Bottle HS - 2 nd Place	R.J. Jackson - 7 th Science - 3 rd Place
Adam Belcher - Oratorical HS	Jonathan Jenkins - 6 th Science - 2 nd Place
Atreyo Best - Picture This	Darrian Jones - Algebra MS
Bailey Blankenship - 6 th science - 2 nd Place	Jarius Jones - Geometry
Courtney Bobbitt - Geometry	Jay Jones - Bottle HS - 2 nd Place
Chavez Brandon - Bottle-MS - 2 nd Place	Carly Kempfski – Picture This
Lamonte Brunson - 8 th Science - 2 nd Place	Conrad Kempfski – Geometry
Nelson Cabera - Poster MS	Greg Lettley – Algebra MS
Jacqueline Ceron - Pre-Algebra - 1 st Place	Jada Lynch – Robotics
Natalie Clifton - 8 th Science - 2 nd Place	Olivia Marks – Bottle MS - 2 nd Place
Alex Cox - Mystery – HS - 1 st Place	Ivan Martinez – Picture This
Robert Cox - Poster MS	Robbie McAdams – 7 th Grade Math
Jordan Crawford - Mystery MS	Morgan McCallum - 6 th Math - 2 nd Place
Kayla Crawford – Algebra MS - 3 rd Place	Sandra Mendoza – Quiz Bowl
Habekkuk Curry - Robotics	Kiara McGirt-Engineering – MS - 2 nd Place
Wynton Davis - Algebra MS	Nettie McMiller - Calculus - 1 st Place
Isiah Dinkins - 7 th Science - 3 rd Place	Tikeya McQuillan - 6 th Math - 2 nd Place
Laura Downing - 6 th Math - 2 nd Place	Bailey Monsees - 8 th Science - 2 nd Place
Ellen Dubis - Pre-Algebra - 1 st Place	Maddie Norwood - 6 th Science - 2 nd Place
Christin Evans - 7 th Grade Math	Tosin Omofoye – Quiz Bowl
Joel Evans - 7 th Grade Math	Alexis Pena - Mystery HS - 1 st Place
Katie Gandee - Write It Do It MS - 1 st Place	Paola Perez – Poster MS
Joe Goodson - Quiz Bowl	Meagan Raviele – Algebra MS - 3 rd Place
Crystal Gotay - 7 th Science – 3 rd Place	Jalissa Sherrill-Parachute –HS - 2 nd Place
Alejandro Guerrerro - Parachute MS	Quentajia Small – Parachute HS-2nd Place
Brittany Gwyn - Oratorical MS	David Smith - 8 th Science - 2 nd Place
Trevor Hamlett - 8 th Science - 2 nd Place	Caroline Tennyson – Mystery MS
Dallas Hancock – Picture This	Sydney Tennyson - Write It Do It MS - 1 st Place
Mariah Hancock - Engineering MS - 2 nd Place	Sherika Thorpe – Poster HS
Alicia Harris - 6 th Science - 2 nd Place	Jeffrey Tubiolo - 8 th Science - 2 nd Place
Faith Henry – Poster HS	Michelle Williams – Calculus - 1 st Place
Devin Holman-Algebra – MS - 3 rd Place	Jennifer Yun – Calculus - 1 st Place
Rian Honore - 6 th Science - 2 nd Place	
Joshua Howell - Pre-Algebra - 1 st Place	

T-shirt Design – 3rd Place – Alicia Harris, Tikeya McQuillan, Jeffrey Tubiolo & Quentajia Small



Arrival to WSSU



Waiting for Competition



UNC Chapel Hill Team



T-Shirt Design

Junior Solar Sprint Challenge May 16, 2009

This was the first year that PCP students participated in the Junior Solar Sprint Challenge. Students had to design, construct and race solar cars. PCP had four teams – Calvin Affleck & Christin Evans, Jean Christian Barry & Wynton Davis, Habekkuk Curry & Jada Lynch, and Tyler Rycek & Joel Evans. Only one of the cars made it to the second round. The students learned a lot and will be ready for next year's competition.



Tyler Rycek



Calvin Affleck



Jean Christian Barry



Habekkuk Curry & Jada Lynch



Practice at CSLD Parking lot

Habekkuk Curry, Wynton Davis and Jada Lynch are ROBOTS students.

Upcoming Events...

- National Science Decathlon – May 30, 2009
Grossmont College, El Cajon, California
- Middle School Summer Academy
High School Summer Academy
June 29 to July 17, 2009, 8:00 am – 5:00 pm

Award's Day May 16, 2009

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. The guest speaker was Mattie Gaddy, Multicultural Counselor from North Carolina School of Science and Mathematics.



Awards Day



Mattie Gaddy



Highest GPA Winners

UNC CHAPEL HILL NC- MSEN PRE-COLLEGE PROGRAM

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