



Center for Science, Technology, Engineering, and Mathematics [STEM] Education
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SUPER COMPETITION HELD AT UNC CHARLOTTE ON MARCH 4, 2013
(ANNUAL HIGH SCHOOL MATH AND SCIENCE CONTESTS)

The UNC Charlotte Super Competition is an outreach event consisting of a day of academic competitions for high school students, held annually in cooperation between the departments of Mathematics and Statistics; Chemistry; Physics and Optical Science; and the College of Education's Center for STEM Education. Trophies and book prizes are awarded to the top winning individuals, and trophies to the top teams, with a special overall trophy to the math team with the highest combined math team score (Algebra II and Comprehensive Mathematics team scores combined). The event was held the first day of UNC Charlotte's Spring Break, on March 4, 2013.

MATHEMATICS CONTESTS

This year, 133 students from 15 schools participated in the Comprehensive Mathematics contest, and 64 students from 9 schools took part in the Algebra II contest. Following the math contests, the students and teachers had the opportunity to hear a talk given by Dr. Harold Reiter of the UNC Charlotte Department of Mathematics and Statistics.

The top 11 students in the Comprehensive division qualified to go on to the North Carolina State High School Mathematics Contest, to be held April 11, 2013, at the N.C. School of Science and Mathematics in Durham. The top 7 Algebra II students qualified to advance to the state-level regional finals in Algebra II, scheduled for April 25, 2013. The appropriate Algebra II finals contest site is based on the NCCTM region of the home school of the student qualifying for the test (with the exception of Wake County schools, in which case the test site would be UNC Greensboro). Information on these state-level math contests is available at this website: <http://math.ncssm.edu/smc/state.htm>, specifically at <http://math.ncssm.edu/smc/Inform/finals.php>.

Trophies went to the top three students in each contest. Team trophies went to the top school team in three categories: top public school inside Mecklenburg County, top public school outside Mecklenburg County, and top private school. The top overall winning school team was Providence Day School (Algebra II and Comprehensive Math team scores combined).

Individual results for state contest qualifiers and team results for the two mathematics contests are listed below.



Algebra II Individual Results (top 7)

<u>Place</u>	<u>Student Name</u>	<u>School</u>	<u>City</u>
1 st	Ryan Gibson	Providence Day School	Charlotte
2 nd	Eddie Cochell	Providence Day School	Charlotte
3 rd	Austin Scronce	Forsyth Country Day School	Lewisville
4 th	Joseph Hilleary	Forsyth Country Day School	Lewisville
5 th	Sharon Chen	North Mecklenburg High School	Huntersville
6 th	Heather Graci	Providence Day School	Charlotte
7 th	Justin Kahl	Providence Day School	Charlotte

Algebra II Team Results (top school teams in each of 3 categories)

<u>School</u>	<u>Category</u>	<u>City</u>
Rocky River High School	Public School Inside Mecklenburg County	Mint Hill
Union Academy Charter	Public School Outside Mecklenburg County	Monroe
Providence Day School	Private School	Charlotte

Comprehensive Individual Results (top 11)

<u>Place</u>	<u>Student Name</u>	<u>School</u>	<u>City</u>
1 st	Shenghao Liu	Randolph Middle School	Charlotte
2 nd	Zack Lee	Randolph Middle School	Charlotte
3 rd	Parker Garrison	Charlotte Home Educators Assn	Charlotte
4 th	Ian Stewart	Charlotte Home Educators Assn	Charlotte
5 th	Wesley Wright	Providence High School	Charlotte
6 th	Derek Makous	Providence Day School	Charlotte
7 th	Justin Yang	Ardrey Kell High School	Charlotte
8 th	Matthew Bacon	Providence Day School	Charlotte
9 th	Connor Mounts	Forsyth Country Day School	Lewisville
10 th	Michael Lucia	Providence Day School	Charlotte
11 th	Grant Steelman	Charlotte Country Day School	Charlotte

Comprehensive Team Results (top school teams in each of 3 categories)

<u>School</u>	<u>Category</u>	<u>City</u>
Providence High School	Public School Inside Mecklenburg County	Charlotte
Union Academy Charter	Public School Outside Mecklenburg County	Monroe
Providence Day School	Private School	Charlotte

Overall First Place (Algebra and Comprehensive combined): Providence Day School



CHEMISTRY RESULTS

One hundred six students from 10 schools participated in the Chemistry Contest division of the 2013 Super Competition. Trophies and books went to the top three student winners. Trophies were given to the top school in each of these three categories: top public school inside Mecklenburg County, top public school outside Mecklenburg County, and top private school.

Top Individuals

<u>Place</u>	<u>Student Name</u>	<u>School</u>	<u>City</u>
1 st	Grace Beuley	Charlotte Latin School	Charlotte
2 nd	Gray Smith	Charlotte Latin School	Charlotte
3 rd	Carrie Mittl	Charlotte Latin School	Charlotte

Winning School Teams (Three Categories)

<u>School</u>	<u>Category</u>	<u>City</u>
Providence High School	Public School Inside Mecklenburg County	Charlotte
West Lincoln High School	Public School Outside Mecklenburg County	Lincolnton
Charlotte Latin School	Private School	Charlotte

PHYSICS RESULTS:

Sixty students from eight schools participated in the Physics Written Contest. Trophies and book prizes went to the top three individuals, and trophies went to the top teams in the following categories: top public school team in Mecklenburg County, top public school team outside Mecklenburg, and top private school.

Top Individuals

<u>Place</u>	<u>Student Name</u>	<u>School</u>	<u>City</u>
1 st	Nathan Anderson	Providence High School	Charlotte
2 nd	Grant Steelman	Charlotte Country Day School	Charlotte
3 rd	Bharath Rama	Providence High School	Charlotte

Winning School Teams (Three Categories)

<u>School</u>	<u>Category</u>	<u>City</u>
Providence High School	Public School Inside Mecklenburg County	Charlotte
(None in this category)	Public School Outside Mecklenburg County	-----
Charlotte Country Day School	Private School	Charlotte

