



Center for Science, Technology, Engineering, and Mathematics [STEM] Education  
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**SUPER COMPETITION HELD AT UNC CHARLOTTE ON MARCH 7, 2016  
(ANNUAL HIGH SCHOOL MATHEMATICS 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 (Level 3 and Comprehensive Mathematics team scores combined). The event was held the first day of UNC Charlotte's Spring Break, on March 7, 2016, and coordinated by Dr. Ian Binns.

**MATHEMATICS CONTESTS**

This year, 130 students from 15 schools participated in the Comprehensive Mathematics contest, and 50 students from 13 schools took part in the Level 3 contest. Following the math contests, the students and teachers had the opportunity to hear a talk given by Mr. Dominick White of Undergraduate Admissions for UNC Charlotte.

The top 13 students in the Comprehensive division qualified to go on to the North Carolina State High School Mathematics Contest, to be held April 14, 2016, at the N.C. School of Science and Mathematics in Durham. The top 10 Level 3 students qualified to advance to the state-level regional finals in Level 3, scheduled for April 28, 2016. The appropriate Level 3 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: <https://sites.google.com/site/statemathcontest/>, specifically at <http://math.ncssm.edu/smc/dc/finals.php>.

Trophies went to the top three students in each contest. Team trophies went to the top school team in two categories: top public school and top private school. The top overall winning school team was Providence Day School (Level 3 and Comprehensive Math team scores combined).

Individual results for state contest qualifiers and team results for the two **MATHEMATICS CONTESTS** are listed below.

### Level 3 Individual Results (Top 10)

<u>Place</u>	<u>Student Name</u>	<u>School</u>	<u>City</u>
1 <sup>st</sup>	Timmy Deng	Randolph Middle School	Charlotte
2 <sup>nd</sup>	Sreyas Adiraju	Randolph Middle School	Charlotte
3 <sup>rd</sup>	Dev Chheda	Randolph Middle School	Charlotte
4 <sup>th</sup>	Olivia Yang	Randolph Middle School	Charlotte
5 <sup>th</sup>	David Li	Providence Day School	Charlotte
6 <sup>th</sup>	Jerry Li	Providence Day School	Charlotte
7 <sup>th</sup>	Hayun Son	Forsyth Country Day School	Lewisville
8 <sup>th</sup>	Jacob Schlesinger	Forsyth Country Day School	Lewisville
9 <sup>th</sup>	Vatsal Varma	Ardrey Kell High School	Charlotte
10 <sup>th</sup>	Scott Newmark	Providence Day School	Charlotte

### Level 3 Winning School Teams (Two categories)

<u>School</u>	<u>Category</u>	<u>City</u>
Union Academy Charter	Public School	Monroe
Providence Day School	Private School	Charlotte

### Comprehensive Individual Results (Top 13)

<u>Place</u>	<u>Student Name</u>	<u>School</u>	<u>City</u>
1 <sup>st</sup>	Sahil Patel	Myers Park High School	Charlotte
2 <sup>nd</sup>	Zack Lee	Providence Day School	Charlotte
3 <sup>rd</sup>	Aman Singh	Ardrey Kell High School	Charlotte
4 <sup>th</sup>	Daniel Hwang	Ardrey Kell High School	Charlotte
5 <sup>th</sup>	Ian Stewart	Charlotte Home Educators Assoc.	Charlotte
6 <sup>th</sup>	Raymon Wang	Charlotte Latin School	Charlotte
7 <sup>th</sup>	Navami Jain	Myers Park High School	Charlotte
8 <sup>th</sup>	Xinyi Guo	Ardrey Kell High School	Charlotte
9 <sup>th</sup>	Shuy Li	Forsyth Country Day School	Lewisville
10 <sup>th</sup>	Michael Xing	Ardrey Kell High School	Charlotte
11 <sup>th</sup>	Tina Lin	Providence Day School	Charlotte
12 <sup>th</sup>	Ryan Sicard	Providence Day School	Charlotte
13 <sup>th</sup>	Conor McAvoy	Myers Park High School	Charlotte

### Comprehensive Winning School Teams (Two categories)

<u>School</u>	<u>Category</u>	<u>City</u>
Ardrey Kell High School	Public School	Charlotte
Providence Day School	Private School	Charlotte

**Overall Math Winning Team: (Level 3/Comprehensive Combined): Providence Day School**

## **CHEMISTRY RESULTS**

Fifty one students from 8 schools participated in the Chemistry Contest division of the 2016 Super Competition. Trophies and books went to the top three student winners. Trophies were given to the top school in each of these two categories: top public school and top private school.

### **Chemistry Top Individuals**

<b><u>Place</u></b>	<b><u>Student Name</u></b>	<b><u>School</u></b>	<b><u>City</u></b>
1 <sup>st</sup>	Richard Pope	Charlotte Latin School	Charlotte
2 <sup>nd</sup>	Zhizho Liu	Charlotte Latin School	Charlotte
3 <sup>rd</sup>	Xinyi Guo	Ardrey Kell High School	Charlotte

### **Chemistry Winning School Teams (Two Categories)**

<b><u>School</u></b>	<b><u>Category</u></b>	<b><u>City</u></b>
Providence High School	Public School	Charlotte
Charlotte Latin School	Private School	Charlotte

## **PHYSICS RESULTS**

Twenty eight students from four schools participated in the Physics 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 and top private school.

### **Physics Top Individuals**

<b><u>Place</u></b>	<b><u>Student Name</u></b>	<b><u>School</u></b>	<b><u>City</u></b>
1 <sup>st</sup>	Joshua Sun	Providence High School	Charlotte
2 <sup>nd</sup>	Craig Skvoretz	Providence High School	Charlotte
3 <sup>rd</sup>	Shiyao Xing	Carmel Christian School	Matthews

### **Physics Winning School Teams (Two Categories)**

<b><u>School</u></b>	<b><u>Category</u></b>	<b><u>City</u></b>
Providence High School	Public School	Charlotte
Carmel Christian School	Private School	Matthews