



Center for Science, Technology, Engineering, and Mathematics [STEM] Education  
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**SUPER COMPETITION HELD AT UNC CHARLOTTE ON MARCH 4, 2019  
(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 (Level 3 and Comprehensive Mathematics team scores combined). The event was held the first day of UNC Charlotte's Spring Break, on March 4, 2019, and coordinated by Dr. Ian Binns.

**MATHEMATICS CONTESTS**

This year, 98 students from 17 schools participated in the Comprehensive Mathematics contest, and 48 students from 9 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 Ms. Li Yang, an Adjunct Professor from the Confucius Institute at UNC Charlotte.

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, 2019, 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 May 2, 2019. 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/>.

Water bottles 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 Ardrey Kell High 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>	Soumyadeep Bhattacharjee	Reiter Academy	Charlotte
2 <sup>nd</sup>	Sourodeep Bhattacharya	Ardrey Kell High School	Charlotte
3 <sup>rd</sup>	Oliver Lippard	Reiter Academy	Charlotte
4 <sup>th</sup>	Agam Gupta	Ardrey Kell High School	Charlotte
5 <sup>th</sup>	Stephen Wu	Providence Day School	Charlotte
6 <sup>th</sup>	Peter Ahlin	Reiter Academy	Charlotte
7 <sup>th</sup>	Joe Yu	Providence Day School	Charlotte
8 <sup>th</sup>	Shourya Mukherjee	Ardrey Kell High School	Charlotte
9 <sup>th</sup>	Prateek Sanisetty	Charlotte Latin	Charlotte
10 <sup>th</sup>	Ethan Li	Charlotte Latin	Charlotte

### Level 3 Team Results (top school teams in each category)

#### Winning School Teams (Two Categories)

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

### Comprehensive Individual Results (top 11)

<u>Place</u>	<u>Student Name</u>	<u>School</u>	<u>City</u>
1 <sup>st</sup>	Sreyas Adiraju	Ardrey Kell High School	Charlotte
1 <sup>st</sup>	Dev Chheda	Ardrey Kell High School	Charlotte
1 <sup>st</sup>	Timothy Deng	Ardrey Kell High School	Charlotte
1 <sup>st</sup>	Dheepthi Mohanraj	Ardrey Kell High School	Charlotte
1 <sup>st</sup>	Ijay Narang	Ardrey Kell High School	Charlotte
1 <sup>st</sup>	Terence Zeng	Ardrey Kell High School	Charlotte
1 <sup>st</sup>	David Li	Providence Day School	Charlotte
1 <sup>st</sup>	Siddhant Mody	Reiter Academy	Charlotte
1 <sup>st</sup>	Bhushan Mohanraj	Reiter Academy	Charlotte
10 <sup>th</sup>	Anthony Yang	Reiter Academy	Charlotte
11 <sup>th</sup>	Mark Breunig	Davidson Day School	Davidson

### Comprehensive Team Results (top school teams in each category)

#### 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 First Place (Level 3 and Comprehensive combined): Ardrey Kell High School**

## **CHEMISTRY RESULTS**

Thirty three students from six schools participated in the Chemistry Contest division of the 2019 Super Competition. Awards 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.

### **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>	Christopher Williams	Davidson Day School	Davidson
2 <sup>nd</sup>	Yanyu Xie	Davidson Day School	Davidson
3 <sup>rd</sup>	William Confoy	Davidson Day School	Davidson

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

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

## **PHYSICS RESULTS:**

Eight students from one school participated in the Physics Contest. Awards and book prizes went to the top three individuals and a trophy went to the top public school.

### **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>	Carson Green	Union Academy Charter School	Monroe
2 <sup>nd</sup>	Molly Turk	Union Academy Charter School	Monroe
3 <sup>rd</sup>	Phillip Cail	Union Academy Charter School	Monroe

### **Winning School Team (Public School)**

<b><u>School</u></b>	<b><u>Category</u></b>	<b><u>City</u></b>
Union Academy Charter School	Public School	Monroe