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## **SUPER COMPETITION HELD AT UNC CHARLOTTE ON MARCH 2, 2015 (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 2, 2015, and coordinated by Dr. Ian Binns.

### **MATHEMATICS CONTESTS**

This year, 139 students from 23 schools participated in the Comprehensive Mathematics contest, and 70 students from 15 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. Dana Troutman, Associate Director of Undergraduate Admissions for UNC Charlotte.

The top 11 students in the Comprehensive Mathematics division qualified to go on to the state-level High School Mathematics Contest, Comprehensive division, to be held April 23, 2015, at the N.C. School of Science and Mathematics in Durham. The top 11 Level 3 Math division students qualified to advance to the state-level regional finals in Level 3 Math, scheduled for April 30, 2015. The appropriate Level 3 Math regional 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). For example, for schools in Mecklenburg County, based on their NCCTM Region, students would attend the State Level 3 Math Regional Finals at UNC Asheville. 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/Inform/finals.php>.

Trophies went to the top three students in each contest. Team trophies went to the top school team in each of 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>	Mindy Li	Forsyth Country Day School	Lewisville
2 <sup>nd</sup>	Navami Jain	Metrolina Regional Scholars Academy	Charlotte
3 <sup>rd</sup>	Zhihou Liu	Charlotte Latin School	Charlotte
4 <sup>th</sup>	Jiaming Wang	Forsyth Country Day School	Lewisville
5 <sup>th</sup>	Luca Katz	Charlotte Country Day School	Charlotte
6 <sup>th</sup>	Gabriel Russell	David W. Butler High School	Matthews
7 <sup>th</sup>	Lily Zheng	Charlotte Latin School	Charlotte
8 <sup>th</sup>	Albert Li	Forsyth Country Day School	Lewisville
9 <sup>th</sup>	Connor Malmstrom	Cox Mill High School	Concord
10 <sup>th</sup>	Connor Spies	Carmel Christian School	Matthews
10 <sup>th</sup>	Alex Warmath	Charlotte Latin School	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>
Union Academy Charter	Public School	Monroe
Forsyth Country Day School	Private School	Lewisville

**Comprehensive Individual Results (top 11)**

<u>Place</u>	<u>Student Name</u>	<u>School</u>	<u>City</u>
1 <sup>st</sup>	Zack Lee	Providence Day School	Charlotte
2 <sup>nd</sup>	Lloyd Liu	Providence High School	Charlotte
3 <sup>rd</sup>	Sahil Patel	Myers Park High School	Charlotte
4 <sup>th</sup>	Kireet Panuganti	Mallard Creek High School	Charlotte
5 <sup>th</sup>	Aman Singh	Ardrey Kell High School	Charlotte
6 <sup>th</sup>	Conor McAvoy	Myers Park High School	Charlotte
7 <sup>th</sup>	Alan York	Forsyth Country Day School	Lewisville
8 <sup>th</sup>	Ian Stewart	Charlotte Home Educators Assn.	Charlotte
9 <sup>th</sup>	Bryston Spivock	Providence Day School	Charlotte
10 <sup>th</sup>	Ryan Gibson	Providence Day School	Charlotte
11 <sup>th</sup>	Tony VanGeersdaelen	W. A. Hough High School	Cornelius

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

**Winning School Teams (Two Categories)**

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

**Overall First Place (Level 3 and Comprehensive combined): Providence Day School**

## **CHEMISTRY RESULTS**

Sixty students from 10 schools participated in the Chemistry Contest division of the 2015 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.

### **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>	Jasmine Leahy	Charlotte Latin School	Charlotte
2 <sup>nd</sup>	Sophie Madjarova	Charlotte Latin School	Charlotte
3 <sup>rd</sup>	Alex Warmath	Charlotte Latin School	Charlotte

### **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:**

Forty-eight 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 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>	Yiru Bao	Charlotte Country Day School	Charlotte
1 <sup>st</sup>	Connor Hall	Providence High School	Charlotte
2 <sup>nd</sup>	Zack Lee	Providence Day School	Charlotte
3 <sup>rd</sup>	Kireet Panuganti	Mallard Creek High School	Charlotte

### **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 Country Day School	Private School	Charlotte