

**SUPER COMPETITION HELD AT UNC CHARLOTTE ON MARCH 5, 2012
(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 5, 2012.

MATHEMATICS CONTESTS

This year, 149 students from 20 schools participated in the Comprehensive Mathematics contest, and 94 students from 15 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. Charles Burnap of the UNC Charlotte Department of Mathematics and Statistics.

The top 12 students in the Comprehensive division qualified to go on to the North Carolina State High School Mathematics Contest, to be held April 19, 2012, at the N.C. School of Science and Mathematics in Durham. The top 10 Algebra II students qualified to advance to the state-level regional finals in Algebra II, scheduled for April 26, 2012. 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://www.ncssm.edu/smc/>, specifically at <http://www.ncssm.edu/smc/Inform/finals.php>. For the Western Region Algebra finals contest website, see: <http://facstaff.unca.edu/dohse/MathContest/>. For the Central Region Algebra finals contest website, see: <http://www.uncg.edu/math/contest/>.

Trophies went to the top three students in each contest. Team trophies went to the top three school teams 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 10)

| <u>Place</u> | <u>Student Name</u> | <u>School</u> | <u>City</u> |
|------------------|---------------------|--------------------------------|-------------|
| 1 st | Zack Lee | Randolph Middle School | Charlotte |
| 2 nd | Kevin Lu | Providence Day School | Charlotte |
| 3 rd | Ketan Gohel | Providence High School | Charlotte |
| 4 th | Ian Stewart | Charlotte Home Educators Assn. | Charlotte |
| 5 th | Eddie Goode | Charlotte Latin School | Charlotte |
| 6 th | Matthew Bacon | Providence Day School | Charlotte |
| 7 th | Arthur Linne | Providence Day School | Charlotte |
| 8 th | Garrett Lunking | Providence Day School | Charlotte |
| 9 th | Raymon Wang | Charlotte Latin School | Charlotte |
| 10 th | Will Craig | Forsyth Country Day School | Lewisville |

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

Winning School Teams (Three Categories)

| <u>School</u> | <u>Category</u> | <u>City</u> |
|-------------------------|--|-------------|
| Providence High School | Public School Inside Mecklenburg County | Charlotte |
| Cuthbertson High School | Public School Outside Mecklenburg County | Waxhaw |
| Providence Day School | Private School | Charlotte |

Comprehensive Individual Results (top 12)

| <u>Place</u> | <u>Student Name</u> | <u>School</u> | <u>City</u> |
|------------------|---------------------|--------------------------------|---------------|
| 1 st | Parker Garrison | Charlotte Home Educators Assn. | Charlotte |
| 2 nd | Brendan Fletcher | Charlotte Home Educators Assn. | Charlotte |
| 3 rd | Kavirath Jain | Myers Park High School | Charlotte |
| 4 th | Elizabeth Shen | South Mecklenburg High School | Charlotte |
| 5 th | Shenghao Liu | Randolph Middle School | Charlotte |
| 6 th | Constance Zhou | Charlotte Latin School | Charlotte |
| 7 th | Xiaohan Ying | Mt. Tabor High School | Winston-Salem |
| 8 th | Connor Lippincott | Cannon School | Concord |
| 9 th | Brandon Ho | Charlotte Latin School | Charlotte |
| 10 th | Jack Munley | Providence Day School | Charlotte |
| 11 th | Chuma Eruchalu | Charlotte Latin School | Charlotte |
| 12 th | Wanlin Xie | The Early College at Guilford | Greensboro |

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

Winning School Teams (Three Categories)

| <u>School</u> | <u>Category</u> | <u>City</u> |
|-------------------------------|--|-------------|
| Myers Park High School | Public School Inside Mecklenburg County | Charlotte |
| The Early College at Guilford | Public School Outside Mecklenburg County | Greensboro |
| Charlotte Latin School | Private School | Charlotte |

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

CHEMISTRY RESULTS

Forty six students from six schools participated in the Chemistry Contest division of the 2012 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 | Kenneth Koch | Charlotte Latin School | Charlotte |
| 2 nd | Scott Chappell | Charlotte Latin School | Charlotte |
| 3 rd | Haley Hedrick | Charlotte Latin School | Charlotte |

Winning School Teams (Three Categories)

| <u>School</u> | <u>Category</u> | <u>City</u> |
|---------------------------|--|--------------------|
| William Hough High School | Public School Inside Mecklenburg County | Cornelius |
| Cuthbertson High School | Public School Outside Mecklenburg County | Waxhaw |
| Charlotte Latin School | Private School | Charlotte |

PHYSICS (WRITTEN) RESULTS:

Twenty students from five 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 | Kingsley Crane | Myers Park High School | Charlotte |
| 2 nd | Case Collins | Myers Park High School | Charlotte |
| 3 rd | Uday Uppal | Cannon School | Concord |

Winning School Teams (Three Categories)

| <u>School</u> | <u>Category</u> | <u>City</u> |
|------------------------|--|--------------------|
| Myers Park High School | Public School Inside Mecklenburg County | Charlotte |
| Union Academy Charter | Public School Outside Mecklenburg County | Monroe |
| Cannon School | Private School | Concord |