

Oak Ridge Schools

ACCOMPLISHMENTS



2011-2012

**OAK RIDGE SCHOOLS ACCOMPLISHMENTS
2011-2012**

OAK RIDGE HIGH SCHOOL

One ORHS students earned a perfect score on the ACT national college admissions examination.

In the area of Mathematics, seven students were recognized as Semifinalists in the Siemens Math, Science, Technology Competition, two were Regional Finalists, and an additional two were named the National Team Champions. These eleven students were the most recognized from any single high school in the nation for their research projects. The winning bioengineering project, *Using Kinect for Xbox 360 and Computer vision to Analyze Human Gait*, used gaming technology to analyze human walking patterns. These two students were further recognized at numerous local and state events and were also invited to the White House Science Fair and to ring the closing bell for the New York Stock Exchange.

At the Southern Appalachian Science and Engineering Fair, Senior Division team competition, students from Oak Ridge High School were named Grand Champions (*Mysteries of the Protein Universe: Predicting Functional Roles of Proteins*), Reserve Champions (*Characterizing the Elements of Earth's Radiative Budget: Applying Uncertainty Quantification to Climate Models*), 4th Place, and 5th Place. Twelve students received Awards of Excellence, eleven received Special Awards, and eight received Honorable Mention Awards. The Grand Champions and Reserve Champions advanced to the International Science and Engineering Fair where two students received an Honorable Mention Award from the American Statistical Association.

In the American Mathematics Competition (AMC) two students placed in the top 5% in the nation advancing to participate in the American Invitational Mathematics Examination. One student was selected to participate in the 2nd round of the North American Computational Linguistics Olympiad.

In regional testing for the TMTA State Math Contest, ORHS students placed first in Geometry, Algebra 2, Statistics, Precalculus and Calculus and Advanced Topics. One student placed 10th in the State in Calculus and one student placed 1st in Algebra 2 with a perfect score.

The Virtual Enterprise (VE) Web Design team won 1st place at state level advancing them to national competition in New York City.

Several students placed 1st, 2nd and 3rd in the TN Mountain Writers Conference.

Thirty percent (30%) of the CTE students who took the High Schools That Work Assessment received an Award of Educational Achievement for meeting the performance and curriculum requirements established by HSTW.

The Scholars' Bowl team was named champions in the PBS televised Scholars Bowl competition for the third year in a row. They also placed first in the University of Chattanooga Scholars Bowl Competition.

ORHS finished in first place in the regional Science Olympiad competition.

The International Relations Club of ORHS competed at the annual North American Invitational Model United Nations in Washington, DC for the 47th year. Thirty-two (32) delegates represented ORHS among over 3000 students at the conference, the largest and most prestigious in North America. One student received the "Best Delegate Award" for the second consecutive year along with another student who won honorable mention in the US Senate 2002 historic simulation.

The World Language Department reported that nine of the top ten National French Contest winners were from Oak Ridge.

Technology Student Association (TSA) had several students that competed at National, Regional and State TSA Conferences. Their wins included 5 first place shows, two second place shows and 11 placements involving over 20 students.

The ORHS Orchestra travelled to Chicago and participated in a national Dixie Classic Festival Competition. They won a superior rating and 1st place string orchestra. The three Performing Arts groups; Band, Choral and Orchestra, had students who competed and earned rights to participate in the All East, All State and ETSBOA competitions.

Several students in the Visual Arts Department competed and were recognized in the East Tennessee Arts Regional Student Art Exhibition.

The ORHS Robotics Team, 4265 Wildbots, were named Rookie All-Star of the Smoky Mountain Regional, finishing 21st in qualifying and advancing to the semi-finals of the championship round.

OAK RIDGE HIGH SCHOOL STAFF

President Obama named Phyllis Hills as one of the 97 mathematics and science teacher recipients of the prestigious Presidential Award for Excellence in Mathematics and Science Teaching. The educators received their awards in Washington, D.C. in June.

Dr. Matthew Perkins was named High School Physics Teacher of the Year for 2012 by the Tennessee section of the American Association of Physics Teachers. Dr. Perkins was also selected to serve as President for the 2013-2014 school year.

The Tennessee Council for Career and Technical Education has recognized Oak Ridge High School for meeting all criteria for Outstanding Programs in Career and Technical Education. This

includes Art and Communications , Business, Health Sciences, Early Childhood Education, Engineering Design and Welding Academies.

ROBERTSVILLE MIDDLE SCHOOL

The annual Pellissippi State Math Contest was held with 26 Robertsville students participating. One 6th grade and two 7th grade students placed in the top 10. The 6th and 7th grade teams came in third place.

The TMTA math competition at Roane State was held with 9 students participating. One 7th grader and one 8th grader placed in the top 10 in the Algebra 1 division and in the Geometry Division.

The Tennessee State Geography Bee was held in Nashville on April 2012 with 100 students from across Tennessee competing. One RMS 6th grade student finished second.

The Robertsville chapter of Technology Student Association (TSA) competed in the 34th Tennessee TSA State Conference in Chattanooga, TN. This was one of the largest state conferences in Tennessee TSA's history with 802 attendees and 90 advisors representing 58 middle and high schools. Twenty-six RMS TSA students competed in 25 different group and individual events and captured a top three finish in eleven events. In February, the East Tennessee Regional TSA conference was held in Knoxville and 16 RMS students placed top three in various competitions.

The RMS FIRST Lego Robotics Ninjineers competed in May 2012 in the First Lego League World Invitational Open Championship Tournament in Winter Haven, Florida. The RMS Ninjineers competed along with 62 other teams from around the world. The RMS Ninjineers won 1st place for Strategy & Innovation in Technical Design for their Robot and Programming Design, 1st place Alliance Challenge Challenge, and 7th place in Robot Performance. The RMS Ninjineers also competed against 60 teams in the state competition receiving 2nd place in both performance and overall.

The Robertsville music department continues to be recognized as a distinguished program winning top awards at festivals and competitions. In the Heritage Music Festival Competition in Atlanta, the 7th and 8th grade Orchestra received Superior ratings. The 5th & 6th grade Orchestra received Superior ratings at the Music Showcase Festival Concert Competition at Dollywood. The 6th grade placed 1st and 5th grade placed 2nd in the Middle School Orchestra category. The 7th/8th Band received a Superior rating and were awarded Second Place at Music in The Parks in Atlanta, Ga. Every Solo and Ensemble entrant received a Superior rating. The RMS 7th and 8th Grade Chorus participated in the Music Showcase Festival at King's Island and received 2nd place and a rating of Superior among all Middle School Mixed Choirs.

In the 2011-2012 National Presidential Fitness Awards, 8 Robertsville Middle School students were Presidential Winners and 47 students were National Award Winners.

ROBERTSVILLE MIDDLE SCHOOL STAFF

In March 2012, Tennessee Geographic Alliance member Greg Hamilton, a seventh-grade teacher at RMS, received the Mullane Geography Teacher of the Year Award at the Tennessee Council for the Social Studies conference in Knoxville.

JEFFERSON MIDDLE SCHOOL

In the President's Physical Fitness Awards, 26 JMS students achieved the Presidential Physical Fitness Award and 117 students achieved the National Physical Fitness Award.

Fourteen 7th and 8th grade Orchestra students from Jefferson Middle School won seats in the Junior Orchestra Clinic held at Bearden High School on November 19th and 20th. They were placed in a red or a blue orchestra, depending on the results of an audition held earlier in November.

In April, the 7th and 8th grade orchestras travelled to Atlanta and took part in a National Dixie Classic Competition held in Atlanta Symphony Hall. They performed for Elliott Del Borgo, a modern American composer, and performed some of his music for him. The students received a 30 minute clinic at the end of the performance with Mr. Del Borgo. The 8th grade orchestra received 1st place string orchestra and a superior rating. The 7th grade was 2nd place also with a superior rating.

The Jefferson Middle School Technology Students Association (TSA) returned from their National TSA Conference Nashville, TN on June 25, 2012. The field of competition included high school and middle school students from over 40 states and Germany with approximately 4000 in attendance. Fifteen JMS students competed in a variety of events. Eight students received top ten finishes including a 1st place trophy in Career Prep.

JMS French students participated in "Le Grand Concours," the National French Exam. Four JMS students ranked in the top ten at the national level. Additionally, two students received a Certificat d'Honneur and five received a Certificat de Réussite.

One JMS student qualified for the State Geographic Bee.

In the Duke University Talent Identification Program, Jefferson Middle School had one national winner and eight state winners.

Jefferson Middle School won 3rd Place in the DOE East TN Science Bowl. The all-day Saturday competition at Roane State in February featured questions in astronomy, chemistry, biology, earth and general science, and mathematics. Jefferson's team of 6th graders came in 3rd against 18 teams from middle-schools in East Tennessee, and won \$250 which was awarded to JMS.

The JMS Student Council wanted to show their support of medical military personnel serving in Afghanistan. The student body, led by the Student Council, sent 36 packages of food, toiletries, and letters to nurses and corpsmen in Afghanistan. One of the nurses came to visit JMS to express his thanks on his way from Afghanistan to his home state of Oklahoma.

The JMS Mathcounts Team was awarded second place in the Regional Competition at UTK. They subsequently achieved third place in Nashville in March. In the Pellissippi College Regional Math Tournament with 30 participating schools, JMS placed in each category. One of our sixth graders received the first place trophy and a \$540 award.

LINDEN ELEMENTARY SCHOOL

On the Tennessee Comprehensive Assessment Program (TCAP) Linden students raised their achievement 12 percentage points in Reading/Language Arts and raised their achievement 8 percentage points in mathematics.

Linden School and the Tellico Village Technology Access Program have established a partnership this year. Members of the Tellico Village Computer Users Club and Linden School hope to provide a computer & printer for every Linden student who does not have one in his or her home. Last year the partnership put a computer, printer, and software in the home of every fourth grade student for this school year.

Norma Franco, second grade teacher, received grant from Oak Ridge Education Foundation. The award, for \$1996, will support second grade students to work collaboratively at literacy centers where the focus will be to use applications focused on words, grammar, spelling and reading.

Denice Parton, fourth grade teacher, was recognized as the WBIR Educator of the Week.

Amy Fuqua, third grade teacher, receive a Sonic grant to purchase 3 IPODS and a digital camera for her classroom.

Denise Parten, fourth grade teacher, Todd Koob, fourth grade teacher, Ginger Adams, first grade teacher and Justin Croft, special education teacher earned Educational Specialist degrees.

WOODLAND ELEMENTARY SCHOOL

Twelve Woodland students participated in this year's Team Regional Qualifying Tournament. The Primary K-3B Team placed 1st in their division, Elementary K-6A placed 6th in their division and Primary K-3A Placed 1st in their division.

Fourteen Woodland students participated in the Oak Ridge City Science Fair. All 14 of these 3rd and 4th graders are to be commended for the excellent displays of their Science Fair Projects. 3rd grade students received the following awards. 1st in Physical Science, 2nd in Life Science, 3rd

in Life Science and 1st in overall Grand Prize. 4th Grade students received the following awards. 1st in Physical Science, 3rd in Physical Science and 2nd in overall Grand Prize.

Woodland's Science Lab received 4 iPad's from ORAU's Education Grant Program Let's Make A Deal. With these iPads students here at Woodland are able to discover different ways of researching and problem solving using different apps and programs through the use of Technology.

Teacher Susie Carden received a grant from The Oak Ridge Education Foundation in the amount of \$3,118.00. With these funds we were able to purchase new technology for the music classroom which included a promethean board.

GLENWOOD ELEMENTARY SCHOOL

Glenwood was selected as a Tennessee Reward School for high performance test scores and was consequently nominated for a national Blue Ribbon Award.

Glenwood had two students place in the Dogwood Arts Show. Several students also were selected to exhibit their art work at the Children's Museum.

WILLOW BROOK ELEMENTARY SCHOOL

Willow Brook received a Special Exemplary Project Award for the "Mornings in Motion" program from the Rural Health Association of Tennessee in recognition of a "Unique Program for the Advancement of Rural Health."

The Tennessee Arts Commission awarded Willow Brook with a Student Ticket Subsidy Grant in the amount of \$3,000 to send the entire school to the Clarence Brown Theatre's performance of "A Christmas Carol."

Willow Brook was awarded \$1,800 from Food City's School Bucks Education Program.

Willow Brook received \$1,600 from CH₂MHill, our Partners-in-Education, to help offset the cost to send our fourth graders to River Ridge's Environmental Team Building Program.

Walmart awarded Willow Brook with the Walmart Community Cares Grant of \$1,000 to support classroom teachers.

Two fourth grade students were accepted into the Dogwood Arts Festival Student Art Exhibition.

The Oak Ridge Schools Education Foundation awarded Willow Brook with three grants totaling \$6,605. These funds were used to purchase a smart board and projector for the Music and Art classrooms, as well as a video camera for the Library.

The General Youth Foundation's "Fuel Up to Play 60 for Fitness and Nutrition" awarded Willow Brook with a \$4,000 grant. \$2,000 was used to purchase equipment for the "Mornings in Motion" program and \$2,000 was used to provide "Breakfast in the classroom for third grade students during the last four weeks of school.

Willow Brook was recognized by the US Department of Agriculture's Food and Nutrition Services as a Bronze Certified School for the Healthier US Challenge Award recognizing excellence in nutrition and physical activity.

PRESCHOOL

Susan Galler and Eva Ortiz received an Altrusa grant for an IPAD to work with children with disabilities.

Marcie Bryant, Charlsey Cofer, and Linda Dalton received an Altrusa Grant for literacy materials for the classroom.

