

**Oak Ridge Schools**

# **ACCOMPLISHMENTS**



**2019-2020**

**OAK RIDGE SCHOOLS ACCOMPLISHMENTS  
2019-2020**

**OAK RIDGE HIGH SCHOOL**

Oak Ridge High School had five National Merit Semi Finalists in the 2020 National Merit Scholarship Program. These academically talented high school seniors continued in the National Merit Scholarship competition for some 7,500 scholarships worth more than \$32 million. Approximately 1.6 million students entered the competition. The nationwide pool of Semi Finalists, representing less than one percent of U.S. high school seniors, includes the highest scoring entrant in each state. We all please to report that all five of our Semi Finalists qualified as National Merit Finalists!

Two Oak Ridge High School Commended Scholars were recognized for the exceptional academic promise demonstrated by their outstanding performance on the PSAT/National Merit Scholarship Qualifying Test.

The Class of 2020 finished with 56 members of the ACT 30+ Club (earning a composite score of 30 on a single test date) and 3 of those 56 scored a perfect 36 ACT composite.

**CCTE**

Seven ORHS students won Aspirations Awards from NCWIT (Nation Center for Women and Informational Technology).

ORHS Cyber Patriots team earned Platinum honors and placed third in the state.

ORHS students earned 481 certifications in 2019-20.

ORHS FBLA students placed 5th in Accounting and 8th in Advertising at the 2020 State Leadership Virtual Conference.

**MATH and SCIENCE**

Fourteen Oak Ridge High School Students competed at the 69th Southern Appalachian Science and Engineering Fair (SASEF) hosted by the University of Tennessee. SASEF was held virtually this year on March 31st, and awards were announced on April 8th. All of the ORHS research projects were recognized in their category.

Collectively, the students and teachers were awarded over \$5,000 in prizes and special awards from the generous sponsors of SASEF.

One of the student's project titled The Effect of Pseudomonas, Piriformispora indica and Laccaria bicolor on the Growth of Gossypium hirsutum was awarded the top prize in the Senior division.

Another project titled NRDA: A Machine Learning Algorithm for Fitting Neutron Reflectometry Data was awarded second place.

National Awards for Math students included:

American Meteorological Society; American Psychological Association; Mu Alpha Theta; NASA Earth Systems Science Award; National Oceanic and Atmospheric Administration NOAA; USAID Science Champion Award; US Air Force; and the US Stockholm Junior Water Prize.

Local Special Awards included:

American Chemical Society; American Institute of Chemical Engineers; American Meteorological Society – Smoky Mountain Chapter; Biology Teacher Award; Oak Ridge National Lab Excellence in Computing and the Strata-G Award

### NJROTC

The ORHS NJROTC became a funded Navy JROTC program. ORHS JROTC was awarded the "Distinguished Unit with Honors" in the Area 9 Region, NJROTC's top unit award for the second consecutive year. The Air Rifle team and Color Guard team earned 1<sup>st</sup> place in the Knox County NROTC League.

### ROBOTICS

The ORHS Robotics team received the Chairman's Award Winner at Arkansas Regional in March, 2020.

The team also received the IndyRAGE (Raising Awareness for Girls in Engineering) Robotics Competition 1st Runner Up, October 2019.

### PERFORMING ARTS

ORHS Band had 16 students participate in All East, 1 student in All State Jazz Band and 1 student in All State. The ORHS Competitive Band earned Superior ratings, top Overall Band and Top Percussion.

ORHS Choirs had 2 students selected for All East Honors Choirs and 2 students selected for All State Honors Choirs.

ORHS Orchestra placed 27 students in All-East TN Orchestra and 6 students in All-State Tennessee Orchestra. The Chamber Orchestra earned Superior rating at the ETSBOA Concert Festival.

## **VISUAL ARTS**

ORHS had several awards for students in the Visual Arts Program. These awards included: Tennessee Student Art Winners – 4 students recognized; Knoxville Art Museum – 3 students; Dogwood Arts Student Exhibit (Synergy) – 3 students; Roane State Student Art Winners – 7 students. Two ORHS students' ceramic pieces were chosen from 950 entries to be exhibited at The National Ceramic Exhibit. Artwork from two ORHS Art students was selected for ORNL FCU's Community Art & Mural Program. This program was created to support initiatives that make the arts accessible to all and help our communities thrive.

## **WORLD LANGUAGES**

In the National German Exam, ORHS has 1 Gold medal winner, 2 Silver medalists and one Bronze medalist. There were 5 Honorable Mentions. In the National French Exam (le Grand Concours), ORHS has 2 Gold medalists and 6 Bronze medalists. There were 8 Honorable Mentions.

## **ATHLETICS**

The ORHS Girls Basketball Team was District Tournament Champions. Four players made the All-District team and two were named All-Region players.

The 2019-2020 ORHS Boys Basketball Team was District Regular Season and Tournament Champions, Region Tournament Runner Up, Sectional Champions, and made it to the Elite 8 of the Class AAA state tournament. Season record was 27-5 overall and 16-0 in the District. One player was named to the All-State team. Three players made the All-Region team and four made the All-District Team.

Four ORHS Swim team members qualified for State with two of them in the top 10 finishers.

ORHS Volleyball team had 1 All-Region player and their Coach was named District Coach of the Year.

## **OAK RIDGE HIGH SCHOOL STAFF**

Jennifer Long was selected to join the TalkingPoints Teacher Advisory Panel. TalkingPoints is a non-profit organization solely focused on family engagement for families of under-resourced, multilingual communities. She will collaborate with the leaders of Talking Points and other educators nationally in order to improve the school and home communication and connection through evolving digital technology.

### **ROBERTSVILLE MIDDLE SCHOOL**

The RMS Art Department had one student whose artwork entitled “Night Gears” was chosen to hang in the annual Dogwood Arts Synergy Student Art Exhibition at the Clayton Center for the Arts.

A Robertsville Middle School 7th grade student won the Robertsville Middle Geographic Bee and advanced to the Tennessee State Geographic Bee in Nashville. Unfortunately, the State Bee was canceled in March because of concerns over COVID-19.

### **JEFFERSON MIDDLE SCHOOL**

A 5th grade student won the school wide National Geography Bee!

A 5th grade student placed 5<sup>th</sup> in the Annual Black History Month Essay Contest sponsored by the Oak Ridge – Anderson County NAACP Youth Advisory Council.

The JMS Math Club placed 2<sup>nd</sup> in the MathCounts competition at the University of Tennessee.

An 8<sup>th</sup> grade student was the winner of the 2019 JMS Spelling Bee and went on to represent JMS in the Southern Appalachia Regional Bee at the UT Campus on March 16, 2019.

Eleven 8th grade students heading to ORHS were honored for our Annual All A’s for Four Year Award.

The JMS Chess Team were named the Tennessee Chess Associations 2020 Region 1 Championship Junior High 4<sup>th</sup> place team. They have also placed 11<sup>th</sup> in the 2020 Harry D. Sabine TN Scholastic State Team Championship. One student placed 1<sup>st</sup> in the Individual Scholastic Chess Tournament. One student placed 5<sup>th</sup> in the event.

The JMS Interact Club completed multiple service projects throughout the year. While attending the Interact District Conference, our club was awarded the plaque for Second Place Middle School Club of the Year.

The Jefferson Middle School FIRST LEGO League teams competed at the Marble City Qualifier on December 14, 2019. The RadioActive Brix received the 2nd Place Robot Design Award. The Atomic Eagles received the 1st Place Robot Design Award. The Jefferson Middle School Master Builders received the 1st Place Robot Performance Award and the 2nd Place Champions Award. It was a fun day of celebrating and sharing all that they have learned since the season began in August.

On January 18, 2020, the Jefferson Middle School FIRST Lego League (FLL) and Lego Sumo Bot teams hosted the 7<sup>th</sup> Atomic City Invitational. Jefferson Middle School students were awarded the following:

- 3rd Place Sumo: Flying Horse Donkey from Atomic Eagles
- 1st Place Alliance Challenge: NX36T Gen 3 with the Atomic Eagles
- 2nd Place Alliance Challenge: JMS Master Builders with Webb
- 3rd Place City Shapers Robot Challenge: JMS Master Builders

#### LINDEN ELEMENTARY SCHOOL

Lisa Buckner was named the East Tennessee First Lego League Volunteer of the Year.

#### WILLOW BROOK ELEMENTARY SCHOOL

Art Teacher, Sara Cochran, and several 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> grade students won the Elementary Category in the ORNL Federal Credit Union's Community Art and Mural Program. Their Sunflower Art Mural was reproduced on a large scale by local artist, Bryan Wilkerson, at the ORNL Federal Credit Union Oak Ridge location.

One 4<sup>th</sup> grade student had her artwork accepted into the Dogwood Arts Festival Student Art Exhibition at the Thompson Center for the Arts on Maryville College campus.

