

### **National Merit Congratulations!**

Eastlake would like to recognize and congratulate our [The National Merit Scholarship Corporation \(NMSC\)](#) Scholarship recipient, National Merit Finalists and National Merit Commended recipients. You are all amazing!

### **National Merit Scholarship Recipient**

The National Merit Scholarship Corporation announced that five Lake Washington School District (LWSD) students will receive National Merit \$2500 Scholarships. Fifty-two students were selected statewide for these awards with five students coming from the Lake Washington School District, including Eastlake High School student, **Rohan M. Krishnan**, Scholarship recipients are selected from a talent pool of more than 16,000 outstanding Finalists in the 2021 National Merit Scholarship Program by a committee of college admissions officers and high school counselors. The Committee selects students based on their academic record including difficulty level of subjects studied and grades earned; scores from two standardized tests; contributions and leadership in school and community activities; an essay written by the finalist and a recommendation written by a high school official. These scholars may use their awards at any regionally accredited U.S. college or university. Congratulations Rohan!

### **National Merit Finalists**

Amay S. Bansal  
Rahul Bhatt  
Daniel C. Dickman  
Megan Z. Guo  
Eleanor R. Harris  
Emma R. Huang  
Rohan M. Krishnan  
Swathi Narayan  
Nuba M. Qadir  
Bernice W. Tian

### **National Merit Commended**

Rhea R. Acharya  
Rian Alam  
Akshata Aravind  
Aditya Bagaria  
Azita K. Balsara  
Ayushi Batwara  
Evan L. Chan  
Sahana M. Deepak  
Alexia E. Follett  
Alec Grassi  
George C. Hoyt V  
Shruti D. Kulkani  
Nikita N. Marwaha  
Abhika Mishra  
Sayako E. Mitchell  
Yuran Qiang  
Layasri P. Ranjith  
Pranav S. Sheokand  
Anna L. Wang  
Owen A. Wright  
Jiajun Zhang

### **Research Congratulations!**

Eight Eastlake students competed in a series of annual science fairs and symposia this spring. These events provided opportunities to showcase original and independent scientific research across seven judged categories.

The Central Sound Regional Science and Engineering Fair (CSRSEF, early March); WA State Science and Engineering Fair (WSSEF, late March); National Junior Science and Humanities Symposium (April); and the Regeneron International Science and Engineering Fair (ISEF, mid-May) were all held virtually for the second year in a row. Eastlake students, many of whom are part of the newly formed EHS Research Club, not only engaged in impressive science and engineering research this year, but all received state recognition for their work despite challenges faced due to the pandemic. A huge congratulations to each of the following students for their impressive research projects and accomplishments!

**Aadya Bhat, grade 10**

“Shelf Mobile: A Resource for Improved Accessibility in the Retail Setting”

- WSSEF 2<sup>nd</sup> Place Award (Mechanical Engineering)

**Aadi Dalia, grade 11**

“Utilizing U-Nets for CT Scan Segmentation and Convolutional Neural Networks to Predict Immunotherapy Response”

- CSRSEF 1<sup>st</sup> Place (Software and Embedded Systems)
- WSSEF 1<sup>st</sup> Place Award (Software and Embedded Systems)

**Audrey Gruian, grade 11**

“Hydrodynamic and Acoustic Cavitation as a Novel, Chemical-Free Means of Water Purification”

- CSRSEF 2<sup>nd</sup> Place (Environmental Engineering)
- WSSEF 1<sup>st</sup> Place Award (Environmental Engineering)
- **Office of Naval Research – Naval Science Award**
- **Water Environment Federation – U.S. Regional Stockholm Junior Water Prize**
- **Wolfram Research, Inc. Award**

“ALV+IN: An Intelligent Stereoscopic Olfactory System for Autonomous Localization of Volatile Organic Compounds”

- National JSHS 1<sup>st</sup> Place Engineering and Technology Poster Presentation

**Natasha Murugan, grade 11**

“Analyzing miRNA Involvement in HSC Activation and Liver Fibrosis”

- WSSEF 1<sup>st</sup> Place Award (Cellular and Molecular Biology)
- **Wolfram Research, Inc. Award**

**Pranavi Rohit, grade 9**

“A Painless, Multi-Use, and Mosquito-Inspired Hypodermic Needle”

- CSRSEF Supernova Award (Biomedical Engineering)
- **CSRSEF Inspiring Excellence Award**
- WSSEF 3<sup>rd</sup> Place Award (Biomedical Engineering)

**Vedant Srinivas, grade 9**

“Ora – A Non-Habituating Audiovisual Animal Warning System to Mitigate Roadkill”

- CSRSEF 1<sup>st</sup> Place (Environmental Engineering)
- WSSEF 1<sup>st</sup> Place Award (Environmental Engineering)
- **City of Bremerton ~ Mayor Greg Wheeler’s Challenge**
- **American Industrial Hygiene Association ~ Health & Safety Excellence Award**
- **Wolfram Research, Inc. Award**

**Nathan Yap, grade 11**

“Robotically Replicated Articulation from a Pose Estimation Algorithm”

- WSSEF 1<sup>st</sup> Place Award (Robotics and Intelligent Machines)

**Christine Ye, grade 11**

“Data-Driven Approaches to Pulsar Glitch Triggers, Evolution, and Universality”

- CSRSEF Grand Champion with Distinction, ISEF qualification, 1<sup>st</sup> Place (Physics)
- Yale ‘Best 11<sup>th</sup> Grade Project’ Award
- WSSEF Gold Medal Grand Champion, ISEF qualification, 1<sup>st</sup> Place Award (Physics)
- Wolfram Research, Inc. Award
- Regeneron ISEF 3<sup>rd</sup> Place Grand Award (Physics and Astronomy)

“Novel Surveys of Substructure in Pulsar Glitch Morphology and Glitching Pulsar Populations”

- National JSHS 3<sup>rd</sup> Place Physical Sciences Oral Presentation

**Eastlake PTSA Scholarship and Award Congratulations!**

[Eastlake PTSA has announced their 2021 Scholarship and Award Recipients](#). Congratulations to **Ayushi Batwara, Daniel Dickman** (Katherine Siddoway Scholarship Recipients), **Valentina Martinez Otto, Julia Holec** (Stan Chapin Perseverance Scholarship Recipients), **Swathi Narayan, Aditya Deepak Setty, Sheshank Shankar, Kanika Nallaseth, Anikait Vishwanathan** (Community Service Scholarship and Award Recipients). You make us proud!

**LW Tech Machining Technology Scholarships**

The LWTech Foundation is offering a minimum of twenty \$1,000 scholarship awards toward Fall Quarter tuition for all students enrolling in their Machining Technology Program. Students spend two years learning how to design, program and operate computer numerically controlled machines, leading to an AA degree and immediate employment opportunities with local manufacturers. Check out these [CNC videos](#) to learn more about this trade and [email](#) to set up a tour and to learn more.

**College and Career Calendar**

Find the latest on college and career events, scholarships and more on the [College and Career Center calendar](#)