

Northwest Science Expo

2022 WLWV RESULTS

Special Awards

Outstanding Aquatic Related Environmental Science Project

Sponsored by the Lake Oswego Corporation. The award comes with a \$75 and certificate.
Sydney Taylor, West Linn High School

Isabella Buzzelli, West Linn High School

Sustainable Development Award

Sponsored by the Ricoh Corporation. This award comes with a certificate.
Aditi Bhaskar, Wilsonville High School

Outstanding Use of the International System of Units

Sponsored by U.S. Metric Association. This award comes with a certificate.
Uma Grover and Melinda Lin, West Linn High School

Project Untangled Excellence in Mental or Behavioral Health Research Award

Sponsored by Project Untangled. The award comes with a certificate and \$100.
Ayushi Mallick, West Linn High School

Naval Excellence in Science and Engineering Award

Sponsored by Office of Naval Research, US Navy and Marine Corps. The award comes with a Certificate and \$75 gift certificate.
Grace Sato, West Linn High School

Tom Owen Honorable Mention

Sponsored by the Oregon Chapter of the American Statistical Association. The award comes with a certificate.
Summer Tan and Julia Hernandez, West Linn High School

Aasha Patel, Wilsonville High School

OSU Regional Scholarship

Sponsored by Oregon State University. This award is a one-time \$5,000 scholarship.

Aditi Bhaskar, Wilsonville High School

Category Awards

Behavioral and Social Science 3rd Place

Summer Tan and Julia Hernandez, West Linn High School
Gender and Environmental Stewardship

Behavioral and Social Science Honorable Mention

Ayushi Mallick, West Linn High School
How do environmental factors determine one's hemispheric dominance, and how does that affect one's susceptibility to epilepsy?

Chemistry 3rd Place

Oaklyn Hill, Wilsonville High School
Extracting Quinones From Diesel Exhaust

Computer Science and Robotics Honorable Mention

Lauren Gault, West Linn High School
Quantum Computing and the Traveling Salesman Problem

Bioengineering and Materials Science Honorable Mention

Alana Ryan, West Linn High School
Synthetic jellyfish mucus that catches microplastics

Bioengineering and Materials Science Honorable Mention

Eden Pepos, West Linn High School
Thinopyrum intermedium vs. Triticum aestivum

Electrical and Mechanical Engineering 1st Place

Aditi Bhaskar, Wilsonville High School
Invisible Blues (Novel device for detection and measurement of nitrogen traces in a soil sample)

Energy and Environmental Engineering 2nd Place

Grace Sato, West Linn High School
DRINC - Design to Remove Impurities and Noxious Chemicals

Microbiology 2nd Place

Isabella Scalise, Wilsonville High School
Inhibiting Streptococcus mutans with Antibacterial and Antioxidant Hibiscus Polyphenolic Compounds

Environmental and Earth Sciences 3rd Place

Sydney Taylor, West Linn High School

The Detrimental Effects of Salinity Changes on Zooxanthellae Health