



Northwest Science Expo Award Ceremony

April 21, 2023

Middle school

Genentech

A Member of the Roche Group

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Jacobs

ThermoFisher SCIENTIFIC

Students of Dr. Bill Lamb



SOCIETY
FOR SCIENCE



SIGMA XI
COLUMBIA-WILLAMETTE



Optimist Club of Hillsboro
Richard and Adela Knight
Skanska Micro Systems Engineering, Inc
Qorvo
Anita & Vijay Rao
Absci
Jeanne Beacham
Narjala & Shanda Bhasker
Kelly & Stephanie Jones
Mike & Elaine Sawyer
Dr. Larry Sherman

And many more who choose to remain anonymous and at Friend levels



Category Awards

First place winners will receive a check for \$50

Animal Science and Microbiology

- ▶ **sponsored by: Columbia-Willamette Chapter of Sigma Xi**
 - ▶ **HM : Max Knoth : Bend Science Station**
 - ▶ **3rd : Fiona Wieland : Meridian Creek Middle School**
 - ▶ **2nd : Julia Masini : Whitford Middle School**
 - ▶ **1st : Luke Shirtcliff : Bend Science Station**

Behavioral and Social Science

- ▶ **sponsored by: OHSU**
 - ▶ **HM : Preston Casteel : Whitford Middle School**
 - ▶ **3rd : Kajal Dubey : Whitford Middle School**
 - ▶ **2nd : Georgia Santoso : Athey Creek Middle School**
 - ▶ **2nd : Oindri Mallick : Athey Creek Middle School**
 - ▶ **1st : Odessa Akervall : Wood Middle School**

Chemistry and Earth

▶ **sponsored by: The Bilow Group**

- ▶ **HM : Thomas Dobratz : Robert Gray Middle School**
- ▶ **HM : Tashvi Khare : Summa Stoller**
- ▶ **3rd : Isaac Nilsen, Parker Lanusse : ACCESS Academy @ Lane**
- ▶ **3rd : Zane Lukas Barash : Whitford Middle School**
- ▶ **2nd : Adelene Stewart : Banks Middle School**
- ▶ **1st : Suhani Agarwal : International School of Beaverton Middle School**

Computer Science and Robotics

- ▶ **sponsored by: Eclipse Technologies**

- ▶ **HM : Isha Ganpule : Summa Stoller**
- ▶ **3rd : Anubhav Rabbani : Beaverton Academy of Science and Engineering**
- ▶ **3rd : Audrey Hou : Tumwater Middle School**
- ▶ **2nd : Sharan Pai : ACCESS Academy @ Lane**
- ▶ **1st : Anushi Mittal : Willamette Valley Academy**

Consumer Products Testing

- ▶ **sponsored by: Dr. Homer Chin**
 - ▶ **HM : Aidan Crisp, Ari Huffstutter : Rosemont Ridge Middle School**
 - ▶ **HM : Sophia Lu, Navya Jha : Lake Oswego Junior High**
 - ▶ **3rd : Akshay Nair : Meadow Park Middle School**
 - ▶ **2nd : Aiden Wieland : Meridian Creek Middle School**
 - ▶ **2nd : Gryphon Wright : Summa Stoller**
 - ▶ **1st : Hwaeum Eom : Whitford Middle School**

Energy

- ▶ **sponsored by: NorthWest Engineering service, Inc**
 - ▶ **HM : Lokanshu Ghorai : Meadow Park Middle School**
 - ▶ **HM : Alejandro Rubio Santana : Summa Stoller**
 - ▶ **3rd : Gatee Shukla : Beaverton Academy of Science and Engineering**
 - ▶ **3rd : Madison Williams : Whitford Middle School**
 - ▶ **2nd : Gurucharan Chethan : Summa Stoller**
 - ▶ **1st : Andrew Ma : Tumwater Middle School**

Engineering Group

- ▶ **sponsored by: Ralph M Cohen Consultancy**
 - ▶ **HM : August Springgate : Winterhaven Middle School**
 - ▶ **HM : Tymen Yoder : Whitford Middle School**
 - ▶ **HM : Nimay Shah : Summa Stoller**
 - ▶ **3rd : Jack Morozov, Henry Erickson : Rosemont Ridge Middle School**
 - ▶ **3rd : Amelia Oltean, Allison Shamoon : Gresham-Barlow School District**
 - ▶ **3rd : Jasleen Kaur, Aroush Iqbal, Yashika Dugale : Beaverton Academy of Science and Engineering**
 - ▶ **2nd : Albert Liu : Willamette Valley Academy**
 - ▶ **2nd : Akhil Gandikota : Summa Stoller**
 - ▶ **1st : Eshaan Rana, Taylor Carr Heuer : Rosemont Ridge Middle School**
 - ▶ **1st : Ethan Welter : Whitford Middle School**

Environmental Science

- ▶ **sponsored by: OFRI**
 - ▶ **HM : Siena Pagliarulo : Winterhaven Middle School**
 - ▶ **HM : Alice Booker : Cascades Academy of Central Oregon**
 - ▶ **HM : Fiona Sokhan-Sanj : Class Academy**
 - ▶ **3rd : Ananya Ilanchelian : Rosemont Ridge Middle School**
 - ▶ **3rd : Caden Hadden : Whitford Middle School**
 - ▶ **2nd : Niyati Bhaskar : Meridian Creek Middle School**
 - ▶ **2nd : Swathi Ram : Summa Stoller**
 - ▶ **1st : Sofia Matrisciano : Bend Science Station**

Food Science

- ▶ **sponsored by: Dr. Larry Sherman**
 - ▶ **HM : Madi Sword, Morgan Courtain : Silverton Middle School**
 - ▶ **HM : Elise Hoesly : St. Francis of Assisi School**
 - ▶ **HM : Soren Greenwalt : Cascades Academy of Central Oregon**
 - ▶ **3rd : Faye Radizus : Winterhaven Middle School**
 - ▶ **2nd : Emma Meyers : Silverton Middle School**
 - ▶ **1st : Alaska Rosenfeld : International School of Beaverton Middle School**

Mathematical Sciences

- ▶ **sponsored by: Stephen and Ester Portnoy**
 - ▶ **HM : Zoe Duffle : Class Academy**
 - ▶ **3rd : Torsten Nordstrom : Yamhill Carlton School District**
 - ▶ **2nd : Chase McMullen : Yamhill Carlton School District**
 - ▶ **2nd : Alya Ban : International School of Beaverton Middle School**
 - ▶ **1st : Lawrence Zhou : Summa Stoller**

Medicine and Health Sciences

- ▶ **sponsored by: OHSU**
 - ▶ **HM : Calvin Claussen : Meadow Park Middle School**
 - ▶ **3rd : Achyutan Veeraraghavan : Tumwater Middle School**
 - ▶ **2nd : Hannah Philip : Meadow Park Middle School**
 - ▶ **1st : Anika Malyavanatham : Willamette Valley Academy**

Physics

- ▶ **sponsored by: Claude and Florence Zeller**
 - ▶ **HM : Lucian Mist : Winterhaven Middle School**
 - ▶ **HM : Naomi Lin : Summa Stoller**
 - ▶ **HM : Emmett Powell : Winterhaven Middle School**
 - ▶ **3rd : Jules Gardner : ACCESS Academy @ Lane**
 - ▶ **2nd : Ezra Oncken : Cascades Academy of Central Oregon**
 - ▶ **1st : Elizabeth Shen : Summa Stoller**

Plant Sciences

- ▶ **sponsored by: OFRI**
 - ▶ **HM : Mahika Mantri : International School of Beaverton Middle School**
 - ▶ **HM : Quinn Kauffman : Class Academy**
 - ▶ **HM : Zoe Anderson : Athey Creek Middle School**
 - ▶ **3rd : Milo Jordan : Athey Creek Middle School**
 - ▶ **3rd : Jackson Unflat : Robert Gray Middle School**
 - ▶ **2nd : Lilly Smith : Bend Science Station**
 - ▶ **1st : Josie Ramirez : The Marylhurst School**
 - ▶ **Special Awards**



Special Awards

Outstanding Project in an Atmospheric Science Exhibit

- ▶ sponsored by: American Meteorological Society
 - ▶ Shelby Karr, Ella Candrian, Meridian Creek Middle School



Outstanding Aquatic Related Environmental Science Project

- ▶ **sponsored by: Lake Oswego Corporation**
 - ▶ **Mary Fronza, Silverton Middle School**
 - ▶ **Brea McKee, Silverton Middle School**
 - ▶ **Isha Adiga, International School of Beaverton Middle School**

NASA Earth System Science Award

- ▶ sponsored by: NASA
 - ▶ Caden Hadden, Whitford Middle School

NOAA's Taking the Pulse of the Planet

- ▶ sponsored by: National Oceanic and Atmospheric Administration
 - ▶ Siena Pagliarulo, Winterhaven Middle School

Outstanding Natural Resources Science Project

- ▶ sponsored by: Pacific NW Research Station, USDA Forest Service
 - ▶ Niyati Bhaskar, Meridian Creek Middle School

Outstanding Project in Water Quality

- ▶ **sponsored by: U.S. Geological Survey, Oregon Water Science Center**
 - ▶ **Niyati Bhaskar, Meridian Creek Middle School**
 - ▶ **Prithishwar Thiyagarajan, Ruhaan Duggal, Beaverton Academy of Science and Engineering**
 - ▶ **Alice Booker, Cascades Academy of Central Oregon**

Ricoh Sustainable Development Award

- ▶ **sponsored by: Ricoh Corporation**
 - ▶ **Amelia Oltean, Allison Shamoon, Gresham-Barlow School District**



Science Champion Award

- ▶ **sponsored by: U.S. Agency for International Development**
 - ▶ **Gryphon Wright, Summa Stoller**



Tom Owen Award for Excellence in Statistics

- ▶ **sponsored by: Oregon Chapter of the American Statistical Association**
 - ▶ **Leila Sariosseiri, Whitford Middle School**
 - ▶ **Anushi Mittal, Willamette Valley Academy**
 - ▶ **Sofia Matrisciano, Bend Science Station**

Tom Owen Honorable Mention

- ▶ **sponsored by: Oregon Chapter of the American Statistical Association**
 - ▶ **Luke Shirtcliff, Bend Science Station**
 - ▶ **Max Knoth, Bend Science Station**
 - ▶ **Odessa Akervall, Wood Middle School**
 - ▶ **Hwaeum Eom, Whitford Middle School**
 - ▶ **Ronan Nauert, International School of Beaverton Middle School**
 - ▶ **Alya Ban, International School of Beaverton Middle School**
 - ▶ **Lilly Smith, Bend Science Station**

Outstanding Use of the International System of Units

- ▶ **sponsored by: U.S. Metric Association**
 - ▶ **Evelyn Yeates, Winterhaven Middle School**
 - ▶ **Gurucharan Chethan, Summa Stoller**



Outstanding Research in Psychology

- ▶ **sponsored by: American Psychological Association**
 - ▶ **Georgia Santoso, Athey Creek Middle School**

Naval Excellence in Science and Engineering Award

- ▶ **sponsored by: Office of Naval Research, US Navy and Marine Corps**
 - ▶ **Sofia Matrisciano, Bend Science Station**
 - ▶ **Isha Adiga, International School of Beaverton Middle School**
 - ▶ **Calvin Claussen, Meadow Park Middle School**
 - ▶ **Ezra Oncken, Cascades Academy of Central Oregon**

U.S. Air Force Outstanding Project

- ▶ **sponsored by: U.S. Air Force**
 - ▶ **Anirudh Arunkumar, Taneesh Garg, Medhansh Ram Gubbala, Beaverton Academy of Science and Engineering**



The background features abstract, overlapping geometric shapes in various shades of green, ranging from light lime to dark forest green. These shapes are primarily located on the left and right sides of the frame, creating a modern, minimalist aesthetic. The central area is a plain white space where the text is located.

Very special awards

Outstanding Project by a 5th Grade Student

- ▶ **sponsored by: Pacific NW Society for Coating Technology**
 - ▶ **Albert Liu, Willamette Valley Academy**
 - ▶ **Fiona Sokhan-Sanj, Class Academy**
 - ▶ **Frances Berg, Class Academy**
 - ▶ **Zoe Duffle, Class Academy**

Thermo Fisher Advancing Equity through Innovation

- ▶ **sponsored by: Thermo Fisher Scientific**
 - ▶ Elizabeth Shen, Summa Stoller
 - ▶ Hannah Philip, Meadow Park Middle School
 - ▶ Akhil Gandikota, Summa Stoller
 - ▶ Amelia Oltean, Allison Shamoan, Gresham-Barlow School District
 - ▶ Audrey Hou, Tumwater Middle School

Broadcom Coding with Commitment

- ▶ sponsored by: **Broadcom Foundation**
 - ▶ Tobe Muoto, Summa Stoller



The Lemelson Early Inventor Prize

- ▶ **sponsored by: The Lemelson Foundation**
 - ▶ **Achyutan Veeraraghavan, Tumwater Middle School**



ThermoFisher Scientific Junior Innovators Challenge

- ▶ Luke Shirtcliff, Bend Science Station
- ▶ Julia Masini, Whitford Middle School
- ▶ Odessa Akervall, Wood Middle School
- ▶ Georgia Santoso, Athey Creek Middle School
- ▶ Suhani Agarwal, International School of Beaverton Middle School
- ▶ Anushi Mittal, Willamette Valley Academy
- ▶ Sharan Pai, ACCESS Academy @ Lane
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- ▶ Ethan Welter, Whitford Middle School
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- ▶ Elizabeth Shen, Summa Stoller
- ▶ Ezra Oncken, Cascades Academy of Central Oregon
- ▶ Lilly Smith, Bend Science Station
- ▶ Josie Ramirez, The Marylhurst School

Best of Fair

- ▶ **sponsored by: Catalyst Education and Career Pathways**
- ▶ Odessa Akervall, Wood Middle School
- ▶ Sofia Matrisciano, Bend Science Station