

Northwest Science Expo 2020 Middle School Award Ceremony

Presented by Portland State University



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- ▶ **Friend:** Neal Cox

We had many individuals at other levels
or who chose to remain anonymous.

Thank you!

- ▶ We are very grateful for the 20 years of sponsorship Intel provided the Northwest Science Expo. That support allowed us to build the great relationships which provided funds for this year.
- ▶ I am incredibly thankful for all the people who made this fair possible. That includes Sponsors, Judges, Regional Fair Directors, Tim, Teachers, Mentors, Parents and Students. This was not the fair we were expecting, however with ingenuity we made it happen.
- ▶ By Monday I will be emailing adult sponsors comments for each project in a Google spreadsheet. I will be packaging all the awards and sending them through the mail. I expect this to take most of the week. If you have not sent me your exhibit number and address, please do so.
- ▶ Also June 10th is the deadline for all 6-8th graders who were registered for this fair to apply for Broadcom Masters. The application information is on the Digital Project Summary Information page at nwse.org

Stay home and Stay healthy.
Stephanie Jones, Fair director

Category Awards

If your name appears, I need your mailing address with exhibit number sent to nwse@pdx.edu

Each first place project will receive \$50 provided by the category sponsor. Each listed student will receive a ribbon.

Animal Sciences

sponsored by Columbia-Willamette Chapter of Sigma Xi

- ▶ **HM : Reese Rimmer, Athey Creek Middle School**
- ▶ **3rd : Aviva Stein, ACCESS Academy @ Lane**
- ▶ **2nd : Dahlia Lee, Winterhaven Middle School**
- ▶ **1st : Killian Ladd, Bend Science Station**

Behavioral and Social Science

**sponsored by Portland Alcohol Research Center at OHSU &
VAMC**

- ▶ **HM : Lucy Robb, Robert Gray Middle School**
- ▶ **HM : Jade Marotta, Robert Gray Middle School**
- ▶ **HM : Celia Wood & Hanna Layton, The Marylhurst School**
- ▶ **HM : Julia Taft & Kennady Kerns, Cascades Academy of Central Oregon**
- ▶ **3rd : Claire Hunsberger & Annie Dubal, The Marylhurst School**
- ▶ **3rd : Safia Aweys, Islamic School of Portland**
- ▶ **2nd : Lyla Meinhold, Bridlemile Elementary School**
- ▶ **1st : Madeline Santoso, Athey Creek Middle School**

Chemistry

sponsored by The Bilow Group

- ▶ **HM : Sophia Levesque & Cassidy Yourg, Wood Middle School**
- ▶ **HM : Aiden Perpelitt, Delphian School**
- ▶ **3rd : Anson Fleck, St. Francis of Assisi School**
- ▶ **3rd : Yulana Dvorsky, Robert Gray Middle School**
- ▶ **2nd : Shreemoyee Saha, Summa Stoller**
- ▶ **1st : Noor AbouEich, Oregon Islamic Academy**

Consumer Products Testing

sponsored by Dr. Larry Sherman

- ▶ **HM : Ahmad Khellah, Islamic School of Portland**
- ▶ **HM : Katie Schmidt, Banks Middle School**
- ▶ **HM : Ramona Sapru-Henderson & Miranda Mason, ACCESS Academy @ Lane**
- ▶ **HM : Theo Freres, St. Mary Catholic School**
- ▶ **3rd : Fatima Reda & Sakinah Nuradin, Islamic School of Portland**
- ▶ **3rd : Lucas Curry, Delphian School**
- ▶ **3rd : Rand Freres, St. Mary Catholic School**
- ▶ **2nd : Sam Rocke, International School of Beaverton**
- ▶ **2nd : Joseph Chidester, Summa Whitford**
- ▶ **1st : Shriya Myneni, Valley Catholic Middle School**

Earth Science

sponsored by Joyous

- ▶ **HM : Siddharth Sundaram, Rosemont Ridge Middle School**
- ▶ **HM : Kahlil Powers-Graham, The Marylhurst School**
- ▶ **HM : Addison Tuning, Yamhill Carlton School District**
- ▶ **3rd : Juliet Yoo & Tara Shenoy-Kudpi, Summa Meadow**
- ▶ **3rd : Mya Schumacher, St. Mary Catholic School**
- ▶ **3rd : Naomi Fertig, ACCESS Academy @ Lane**
- ▶ **2nd : Andy Platosh, Bridlemile Elementary School**
- ▶ **1st : Arjun Agarwal, Summa Stoller**

Energy

sponsored by NorthWest Engineering Service, Inc.

- ▶ **HM : Zachary Flett, St. Mary Catholic School**
- ▶ **HM : Mason Lewis, Summa Whitford**
- ▶ **3rd : Vikram Vasudevan, Cedar Park Middle School**
- ▶ **2nd : Alexander Plekhanov, Summa Stoller**
- ▶ **1st : Sahit Jayaweera, Summa Meadow**

Engineering

sponsored by **Ralph M Cohen Consultancy**

- ▶ **HM : Sai Kalavai, Wood Middle School**
- ▶ **HM : Sohan Govindaraju, Stoller Middle School**
- ▶ **HM : Karthik Krishnamurthy, Summa Meadow**
- ▶ **3rd : Emilio Martinez, Delphian School**
- ▶ **2nd : Kavish Patel, Oregon Episcopal Middle School**
- ▶ **1st : Vihaan Paliwal, Carden Cascade Academy**

Engineering: Mechanical

sponsored by **Ralph M Cohen Consultancy**

- ▶ **HM : Hirota Eisuke, Summa Stoller**
- ▶ **3rd : Gregory Carney, Summa Whitford**
- ▶ **2nd : Zachary Santoso, Athey Creek Middle School**
- ▶ **1st : Arunima Deval, Cedar Park Middle School**

Environmental Science

sponsored by The Patton Family

- ▶ **3rd : Khadija Reda & Asmaa Abdirahman, Islamic School of Portland**
- ▶ **3rd : Mckenna King, Banks Middle School**
- ▶ **3rd : Lily Brayson, Rachel Carson Environmental Middle School**
- ▶ **2nd : Sarita Narasimha, Lakeridge Junior High School**
- ▶ **2nd : Liam Dubal, The Marylhurst School**
- ▶ **1st : Kelsey Scott & Keira Wisco, Bend Science Station**

Mathematics and Computer Science

sponsored by Eclipse Technologies

- ▶ **HM : Keshav Arora, Summa Meadow**
- ▶ **HM : Eric Min, Carden Cascade Academy**
- ▶ **HM : Siri Nordstrom, Yamhill Carlton School District**
- ▶ **HM : Adelle Petraitis, Yamhill Carlton School District**
- ▶ **3rd : Richard Deng, ACCESS Academy @ Lane**
- ▶ **3rd : Shreya Ragade, International School of Beaverton**
- ▶ **3rd : Ananth Namboothiry, Summa Stoller**
- ▶ **2nd : Alex Vassilev, Austin Yan & Angela Zhang, ACCESS Academy @ Lane**
- ▶ **2nd : Vibha Addala, Summa Stoller**
- ▶ **1st : Shreyan Paliwal, Carden Cascade Academy**

Medicine and Health Sciences

sponsored by Oregon Health & Sciences University

- ▶ **HM : Arushi Arora & Arnav Arora, Summa Whitford**
- ▶ **HM : Kallan Bordwell-Gray, Rachel Carson Environmental Middle School**
- ▶ **HM : Luna Han, The Marylhurst School**
- ▶ **HM : Nora Tatic, International School of Beaverton**
- ▶ **3rd : Misha Rana, Rosemont Ridge Middle School**
- ▶ **3rd : Yiyi Song, Rosemont Ridge Middle School**
- ▶ **3rd : Alexander Schatzberg, Reed Banning & Cason Harmon, Cascades Academy of Central Oregon**
- ▶ **2nd : Marcus Fong, Bridlemile Elementary School**
- ▶ **2nd : Manika Nunna, Summa Meadow**
- ▶ **1st : Emerson Pitzer, Bridlemile Elementary School**

Microbiology

sponsored by Columbia-Willamette Chapter of Sigma Xi

- ▶ **HM : Luke Castillo, St. Mary Catholic School**
- ▶ **HM : Marina Case, International School of Beaverton**
- ▶ **3rd : Marla Brenner, Whitford Middle School**
- ▶ **3rd : Paige Hunsberger, The Marylhurst School**
- ▶ **3rd : Karina Murai, Summa Whitford**
- ▶ **2nd : Ekansh Mittal, Summa Meadow**
- ▶ **2nd : Layla Woods & Tobi Carlos, Bridlemile Elementary School**
- ▶ **1st : Ali Heinly, Bend Science Station**

Physics: Electromagnetic

sponsored by Claude & Florence Zeller

- ▶ **HM : Luc Amos, Summa Whitford**
- ▶ **3rd : Asmaa Ahmed, Islamic School of Portland**
- ▶ **2nd : Ben Cirillo, Robert Gray Middle School**
- ▶ **1st : Cole Perez, Silverton Middle School**

Physics: Mechanical

sponsored by Claude & Florence Zeller

- ▶ **HM : Prathamesh Kulkarni, Carden Cascade Academy**
- ▶ **3rd : Jaiden Lin, Summa Meadow**
- ▶ **2nd : Tyler Schumacher, St. Mary Catholic School**
- ▶ **1st : Ishan Ahluwalia, Summa Stoller**

Plant Sciences

sponsored by Oregon Forest Resources Institute

- ▶ **HM : Parker Platt, Silverton Middle School**
- ▶ **HM : Parker Bailey, Rachel Carson Environmental Middle School**
- ▶ **HM : Tanisha Chitlur, Stoller Middle School**
- ▶ **3rd : Saranya Sistla, Forest Park Elementary**
- ▶ **2nd : Aryan Agarwal, Summa Stoller**
- ▶ **1st : Brennan McEwen, ACCESS Academy @ Lane**

Special Awards

Some of these awards are being mailed directly to the student by the Sponsor. Please make sure I have your mailing address.

Taking the Pulse of the Planet certificate

- ▶ **sponsored by National Oceanic and Atmospheric Administration**
 - ▶ **Peyton Kennedy, Rachel Carson Environmental Middle School**
 - ▶ **Amineh Zakarneh, Oregon Islamic Academy**

Outstanding Natural Resources Science Project Plaque

- ▶ **sponsored by Pacific NW Research
Station, USDA Forest Service**
 - ▶ **Brennan McEwen, ACCESS
Academy @ Lane**

Outstanding Aquatic Related Environmental Science Project

\$50 and certificate

- ▶ **sponsored by Lake Oswego
Corporation**
- ▶ **Quinton Powell, Silverton Middle
School**

Outstanding Project in Water Quality Gift card and certificate

- ▶ **sponsored by U.S. Geological Survey,
Oregon Water Science Center Employees
(no Federal funds were used)**
 - ▶ **Juliet Yoo & Tara Shenoy-Kudpi,
Summa Meadow**
 - ▶ **Catcher Kemmerer, ACCESS Academy
@ Lane**

Naval Excellence in Science and Engineering Award certificate & medal

- ▶ **sponsored by Office of Naval Research, US Navy and Marine Corps**
 - ▶ **Killian Ladd, Bend Science Station**
 - ▶ **Madeline Santoso, Athey Creek Middle School**
 - ▶ **Katie Schmidt, Banks Middle School**
 - ▶ **Arjun Agarwal, Summa Stoller**
 - ▶ **Zachary Flett, St. Mary Catholic School**
 - ▶ **Emilio Martinez, Delphian School**
 - ▶ **Richard Deng, ACCESS Academy @ Lane**
 - ▶ **Jaiden Lin, Summa Meadow**
 - ▶ **Brennan McEwen, ACCESS Academy @ Lane**

Outstanding Science or Engineering Project certificate

- ▶ **sponsored by U.S. Air Force**
 - ▶ **Aiden Perpelitt, Delphian School**
 - ▶ **Sahit Jayaweera, Summa Meadow**
 - ▶ **Karthik Krishnamurthy, Summa Meadow**
 - ▶ **Keshav Arora, Summa Meadow**
 - ▶ **Ben Cirillo, Robert Gray Middle School**

Outstanding Project by a 5th Grade Student gift card

- ▶ **sponsored by Pacific NW Society for Coating Technology**
 - ▶ **Emerson Pitzer, Bridlemile Elementary School**
 - ▶ **Andy Platosh, Bridlemile Elementary School**
 - ▶ **Ahmad Khellah, Islamic School of Portland**
 - ▶ **Vihaan Paliwal, Carden Cascade Academy**

The Lemelson Early Inventor Prize

\$100 and certificate

▶ **sponsored by The Lemelson
Foundation**

▶ **Mason Lewis, Summa Whitford**

Middle School Best of Fair \$100 and Trophy

- ▶ **Sponsored by Catalyst Education and Career Pathways**
- ▶ "An Artificial Intelligence Based Approach To Improve The Accuracy Of Hurricane Strength Prediction In The North Atlantic" by: Arjun Agarwal, Summa Stoller
- ▶ "A Real Time System For Detecting Tire-Road Friction In Different Weather Conditions Using Dynamic Time Warping" by: Ishan Ahluwalia, Summa Stoller