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IEEE Oregon Section

Narjala & Shanda Bhasker

Kelly & Stephanie Jones

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



Northwest Science Expo Award Ceremony

April 5, 2024
Middle School

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 page, framing the central text. The shapes include triangles and polygons, some with thin white outlines, creating a modern, layered effect.

Category Awards

Animal Science and Microbiology

sponsored by: *Columbia-Willamette Chapter of Sigma Xi*

- ▶ **HM : Shara Coltoff : ACCESS Academy**
- ▶ **HM : Skyler Du Toit, Soleil Neeb : Cascades Academy of Central Oregon**
- ▶ **HM : Wilson Huang : International School of Beaverton Middle School**
- ▶ **HM : Ari Mashaw : International School of Beaverton Middle School**
- ▶ **3rd : Orly Frank : German International School**
- ▶ **2nd : Riddhi Puthenkovilakam : Summa Stoller**
- ▶ **1st : Ellie Tyler : Summa Whitford**

Behavioral and Social Science sponsored by: OHSU

- ▶ **HM : Isabel Liu, Angus Choi : Lake Oswego Junior High**
- ▶ **3rd : Hazel Eckhoff, Stella Lyders : Cascades Academy of Central Oregon**
- ▶ **3rd : Cameron Acton : Meadow Park Middle School**
- ▶ **2nd : Tobe Muoto : Summa Stoller**
- ▶ **1st : Sonia Yang : Stoller Middle School**

Chemistry

sponsored by: The Bilow Group

- ▶ **HM : Sofia Mandesh : Silverton Middle School**
- ▶ **HM : Jayden Park : Willamette Valley Academy**
- ▶ **HM : Palak Arora, Riddhima Solase : Summa Stoller**
- ▶ **HM : Amalia Elbaz : Winterhaven Middle School**
- ▶ **3rd : Ada Harton : Winterhaven Middle School**
- ▶ **3rd : Josephine Williams : Class Academy**
- ▶ **2nd : Ashwini Chandrashekar : Stoller Middle School**
- ▶ **1st : Isha Marla : Tumwater Middle School**

Computer Science and Robotics sponsored by: Eclipse Technologies

- ▶ **HM : Anushi Mittal : Willamette Valley Academy**
- ▶ **HM : Martin Staab : ACCESS Academy**
- ▶ **HM : Nikitha Murugasamy, Anshu Kalidindi,
Charlotte Huang : Valley Catholic Middle School**
- ▶ **HM : Jack Tyler : Summa Whitford**
- ▶ **3rd : Anuva Shah : Tumwater Middle School**
- ▶ **3rd : Odessa Akervall : Wood Middle School**
- ▶ **2nd : Sharan Pai : ACCESS Academy**
- ▶ **1st : Nitya Shah : Summa Stoller**

Consumer Products Testing

sponsored by: Claude and Florence Zeller

- ▶ **HM : Reagan Burton : Summa Whitford**
- ▶ **HM : Gayatri Raut : Whitford Middle School**
- ▶ **HM : Dhikshaa Arunsundar : Summa Stoller**
- ▶ **HM : Franka Maier : Winterhaven Middle School**
- ▶ **3rd : Jayden Seo, Harshil Gautam : Tumwater Middle School**
- ▶ **3rd : Arabelle Schnepf : St. Francis of Assisi School**
- ▶ **2nd : Sansita Premchander : Meadow Park Middle School**
- ▶ **1st : Jamen Campbell, Owen Ni : Lake Oswego Junior High**

Earth, Weather and Mineral Science

sponsored by: *Columbia-Willamette Chapter of Sigma Xi*

- ▶ **HM : Kenyon Spurbeck, Oliver Shadbeh :
German International School**
- ▶ **3rd : Zane Lukas Barash : Summa Whitford**
- ▶ **2nd : Bella Lin : Meadow Park Middle School**
- ▶ **1st : Au Kukreti : Winterhaven Middle School**

Energy

sponsored by: **NorthWest Engineering Service, Inc**

- ▶ **HM : Naman Pradhan : Wood Middle School**
- ▶ **HM : Nate Dixon, Wesley Gilbert, Schaeffer Donahue : Rosemont Ridge Middle School**
- ▶ **HM : Ada Breit, Rhone Engel, Zoe Tyvand : Cascades Academy of Central Oregon**
- ▶ **3rd : Minula Weerasekera : Summa Whitford**
- ▶ **3rd : Shanran Lee : Summa Stoller**
- ▶ **2nd : Andrew Ma : Tumwater Middle School**
- ▶ **1st : Daivik Yenduri : Summa Stoller**

Engineering

sponsored by: Ralph M Cohen Consultancy

- ▶ **HM : Hayden Dorf : Meadow Park Middle School**
- ▶ **HM : William Spellman : ACCESS Academy**
- ▶ **HM : Milo Ford, Alistair Wood : The Marylhurst School**
- ▶ **HM : Cora Kalainoff : Stoller Middle School**
- ▶ **3rd : Taylor Carr Heuer, Eshaan Rana : Rosemont Ridge Middle School**
- ▶ **3rd : Phinneas Robey-DeSpain : International School of Beaverton Middle School**
- ▶ **2nd : Albert Liu : Willamette Valley Academy**
- ▶ **1st : Ezekiel Wheeler : Wheeler Homeschool**

Environmental Science

sponsored by: Oregon Forest Resources Institute

- ▶ **HM : Caden Hadden : Summa Whitford**
- ▶ **3rd : Anirudh Arunnkumar, Manu Harikrishna,
Nippurn Chhabra : Beaverton Academy of Science
and Engineering**
- ▶ **2nd : Max Knoth : Bend Science Station**
- ▶ **1st : Samhita Reddy Nalamalpu, Harshini Dasari :
Tumwater Middle School**

Food Science

sponsored by: Dr. Larry Sherman

- ▶ **HM : Enna Benvenuto-Loehr : Class Academy**
- ▶ **HM : Faye Radzius : Winterhaven Middle School**
- ▶ **HM : Lily Angle : International School of Beaverton Middle School**
- ▶ **3rd : Gatee Shukla : Beaverton Academy of Science and Engineering**
- ▶ **2nd : Sophie Flynn : Winterhaven Middle School**
- ▶ **1st : Dhruv Barve : Summa Stoller**

Mathematical Sciences

sponsored by: Stephen and Esther Portnoy

- ▶ **HM : Phoenix Miracle : Phoenix Homeschool**
- ▶ **HM : Henry Morgan : Class Academy**
- ▶ **3rd : Sriharsha Padigi : Summa Stoller**
- ▶ **2nd : Audrey Hou : Tumwater Middle School**
- ▶ **1st : Charlotte Douglas : Summa Whitford**

Medicine and Health Sciences sponsored by: OHSU

- ▶ **HM : Josie Ramirez : The Marylhurst School**
- ▶ **3rd : Ahana Siddharth : International School of Beaverton Middle School**
- ▶ **2nd : Nimay Shah : Summa Stoller**
- ▶ **1st : Hwaeum Abraham Eom : Summa Whitford**

Physics

sponsored by: **Claude and Florence Zeller**

- ▶ **HM : Dimah Matti : International School of Beaverton Middle School**
- ▶ **HM : Alder Silkie, Zoltan Tapay : ACCESS Academy**
- ▶ **HM : Maxwell Clark : Meadow Park Middle School**
- ▶ **HM : Owen Ecker : Rosemont Ridge Middle School**
- ▶ **3rd : Will Dvorak : Winterhaven Middle School**
- ▶ **3rd : Adelina DiTommaso, Layla Harding : Five Oaks Middle School**
- ▶ **2nd : Elise Moore : Winterhaven Middle School**
- ▶ **1st : Corinne Strahota : Winterhaven Middle School**

Plant Sciences

sponsored by: Oregon Forest Resources Institute

- ▶ **HM : Evie Wigowsky : Silverton Middle School**
- ▶ **HM : Maya Sorgnard, Samantha Hamlin : German International School**
- ▶ **HM : Hriday Kothari : Meadow Park Middle School**
- ▶ **3rd : Ali Azizi, Benjamin Chiovaro : Meridian Creek Middle School**
- ▶ **3rd : Eugene Kim : Summa Stoller**
- ▶ **2nd : Sritan Adusumilli : Stoller Middle School**
- ▶ **1st : Alexandra Streifer : Summa Whitford**

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Special awards

Outstanding Geoscience Project

- ▶ sponsored by: Association Of Women Geoscientists
 - ▶ **Lyric Love-Geiger, Gabriella Kazarinoff :**
ACCESS Academy

Outstanding Aquatic Related Environmental Science Project

- ▶ sponsored by: Lake Oswego Corporation
 - ▶ **Chloe Sullivan : Silverton Middle School**
 - ▶ **Riddhi Puthenkovilakam : Summa Stoller**
 - ▶ **Siddhant Kukday : Summa Stoller**

NASA Earth System Science Award

- ▶ sponsored by: NASA
 - ▶ **Caden Hadden : Summa Whitford**



NOAA's Taking the Pulse of the Planet

- ▶ **sponsored by: National Oceanic and Atmospheric Administration**
- ▶ **Samhita Reddy Nalamalpu, Harshini Dasari :
Tumwater Middle School**

Outstanding Natural Resources Science Project

- ▶ sponsored by: Pacific NW Research Station, USDA Forest Service
 - ▶ Max Knoth : Bend Science Station



Ricoh Sustainable Development Award

- ▶ sponsored by: Ricoh Corporation
 - ▶ **Daivik Yenduri : Summa Stoller**



Science Champion Award

- ▶ sponsored by: U.S. Agency for International Development
- ▶ Cora Kalainoff : Stoller Middle School



Tom Owen Honorable Mention

- ▶ **sponsored by: Oregon Chapter of the American Statistical Association**
- ▶ **Sonia Yang : Stoller Middle School**
- ▶ **Anuva Shah : Tumwater Middle School**

Tom Owen Award for Excellence in Statistics

- ▶ sponsored by: Oregon Chapter of the American Statistical Association
 - ▶ Nimay Shah : Summa Stoller
 - ▶ Hwaeum Abraham Eom : Summa Whitford
 - ▶ Sharan Pai : ACCESS Academy

Outstanding Use of the International System of Units

- ▶ sponsored by: U.S. Metric Association
 - ▶ Gurucharan Chethan : Summa Stoller
 - ▶ Isha Marla : Tumwater Middle School
 - ▶ Andrew Ma : Tumwater Middle School

Naval Excellence in Science and Engineering Award

- ▶ sponsored by: Office of Naval Research, US Navy and Marine Corps
 - ▶ **Albert Liu : Willamette Valley Academy**
 - ▶ **Jack Tyler : Summa Whitford**
 - ▶ **Gurucharan Chethan : Summa Stoller**
 - ▶ **Sharan Pai : ACCESS Academy**
 - ▶ **Martin Staab : ACCESS Academy**

U.S. Air Force Outstanding Project

▶ sponsored by: U.S. Air Force

▶ **Albert Liu : Willamette Valley Academy**

▶ **Gurucharan Chethan : Summa Stoller**

▶ **Rishabh Ghughal : International School of
Beaverton Middle School**



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Very special awards

Broadcom Coding with Commitment

▶ sponsored by: **Broadcom Foundation**

▶ **Gurucharan Chethan : Summa Stoller**



Outstanding Project by a 5th Grade Student

- ▶ sponsored by: Pacific NW Society for Coating Technology
 - ▶ **Enna Benvenuto-Loehr : Class Academy**
 - ▶ **Henry Morgan : Class Academy**
 - ▶ **Payton Thies : Class Academy**
 - ▶ **Peyton Bures** : Class Academy

The Lemelson Early Inventor Prize

▶ sponsored by: The Lemelson Foundation

▶ **Ezekiel Wheeler : Wheeler Homeschool**



Thermo Fisher Advancing Equity through Innovation

- ▶ **sponsored by: Thermo Fisher Scientific**
 - ▶ **Naman Pradhan : Wood Middle School**
 - ▶ **Taylor Carr Heuer, Eshaan Rana : Rosemont Ridge Middle School**
 - ▶ **Nikitha Murugasamy, Anshu Kalidindi, Charlotte Huang : Valley Catholic Middle School**

Thermo Fisher Scientific Junior Innovators Challenge

- ▶ **Max Knoth : Bend Science Station**
- ▶ **Albert Liu : Willamette Valley Academy**
- ▶ **Ezekiel Wheeler : Wheeler Homeschool**
- ▶ **Jamen Campbell, Owen Ni : Lake Oswego Junior High**
- ▶ **Ellie Tyler : Summa Whitford**
- ▶ **Charlotte Douglas : Summa Whitford**
- ▶ **Alexandra Streifer : Summa Whitford**
- ▶ **Riddhi Puthenkovilakam : Summa Stoller**
- ▶ **Nitya Shah : Summa Stoller**
- ▶ **Daivik Yenduri : Summa Stoller**
- ▶ **Dhruv Barve : Summa Stoller**

- ▶ **Nimay Shah : Summa Stoller**
- ▶ **Tobe Muoto : Summa Stoller**
- ▶ **Ashwini Chandrashekarán : Stoller Middle School**
- ▶ **Sritan Adusumilli : Stoller Middle School**
- ▶ **Sonia Yang : Stoller Middle School**
- ▶ **Bella Lin : Meadow Park Middle School**
- ▶ **Sansita Premchander : Meadow Park Middle School**
- ▶ **Isha Marla : Tumwater Middle School**
- ▶ **Andrew Ma : Tumwater Middle School**
- ▶ **Hwaeum Abraham Eom : Summa Whitford**
- ▶ **Samhita Reddy Nalamalpu, Harshini Dasari : Tumwater Middle School**
- ▶ **Elise Moore : Winterhaven Middle School**
- ▶ **Au Kukreti : Winterhaven Middle School**
- ▶ **Sophie Flynn : Winterhaven Middle School**
- ▶ **Corinne Strahota : Winterhaven Middle School**
- ▶ **Sharan Pai : ACCESS Academy**
- ▶ **Audrey Hou : Tumwater Middle School**

Middle School Best of Fair

- ▶ **sponsored by: Catalyst Education and Career Pathways**
 - ▶ **Ezekiel Wheeler : Wheeler Homeschool**
 - ▶ *for... "An Affordable, Portable, Orbital Satellite Tracking System for Educators"*
 - ▶ **Daivik Yenduri : Summa Stoller**
 - ▶ *for... "Creating a Machine Learning based Dual Axis Solar Tracker"*

I will be contacting teachers and parents about information needed for prizes.

Stephanie

