



**Welcome to the COCC
Regional Science Expo
2024 High School
Award Ceremony**



Category Awards

Engineering Group

- ▶ **3rd : Jackson Carroll : Trinity Lutheran School**
▶ *for... "Solar Powered Power Tools"*
- ▶ **2nd : Ryder Lewis : Trinity Lutheran School**
▶ *for... "Creating an Artificial Pancreas Prototype with the Assistance of 3D Printed Technology"*
- ▶ **1st : Tristan Huet, Connor Huet : Bend Science Station**
▶ *for... "Exploring the Effects Of Wood Species On Water Filtration"*
- ▶ **1st : Seyoung Lee, Minkyu Cho, Jongwon Chang : St. Mary's School**
▶ *for... "Enhanced Communication Interface for Speech-Impaired Individuals: An AI Smartphone Solution For In-Hospital and At-Home Use"*

Health

- ▶ **3rd : Taylor Goodrich, Morgan Goodrich : Trinity Lutheran School**
▶ *for... "Mnemonics and Memorization"*
- ▶ **2nd : Luke Shirtcliff : Bend Science Station**
▶ *for... "An exploration of different sweeteners on the growth of the acellular slime mold *Physarum polycephalum*"*
- ▶ **1st : Curran Jacobus : Bend Senior High**
▶ *for... "Target-Specific Development of Pseudo Natural Products Through the Combination of Natural Product Fragments"*

Inquiry Projects

- ▶ **HM : Linh Vu : Trinity Lutheran School**
- ▶ *for... "The Fridge Scanner"*
- ▶ **3rd : Sam Massari : Bend Senior High**
- ▶ *for... "An inquiry Into the Effects of Perfluoroalkyl Substances on Human and Environmental Health"*
- ▶ **2nd : Dakota Brown : Trinity Lutheran School**
- ▶ *for... "Water Saving Sprinkler Controls with Rain Bucket Feedback"*
- ▶ **1st : Brandon Garcia Huerta : Bend Science Station**
- ▶ *for... "An Exploration of Radon levels and bedrock type in Bend, Oregon"*
- ▶ **Special Awards**

The page features abstract blue geometric shapes on the left and right sides. On the left, there is a solid light blue trapezoidal shape. On the right, there is a complex arrangement of overlapping translucent blue triangles and polygons in various shades, ranging from light sky blue to deep navy blue. The text 'Special Awards' is centered in the white space between these shapes.

Special Awards

Outstanding Geoscience Project

- ▶ **sponsored by: Association Of Women Geoscientists**
 - ▶ **Marlen Dominguez Gonzalez : Caldera High School**
 - ▶ *for... "Mini Ecosystems"*

NASA Earth System Science Award

- ▶ **sponsored by: NASA**
 - ▶ **Brandon Garcia Huerta : Bend Science Station**
 - ▶ *for... "An Exploration of Radon levels and bedrock type in Bend, Oregon"*

NOAA's Taking the Pulse of the Planet

- ▶ **sponsored by: National Oceanic and Atmospheric Administration**
 - ▶ **Marlen Dominguez Gonzalez : Caldera High School**
 - ▶ *for... "Mini Ecosystems"*

Outstanding Project in In Vitro Biology

- ▶ **sponsored by: Society for in Vitro Biology**
 - ▶ **Marlen Dominguez Gonzalez : Caldera High School**
 - ▶ *for... "Mini Ecosystems"*

Ricoh Sustainable Development Award

- ▶ **sponsored by: Ricoh Corporation**
 - ▶ **Tristan Huet, Connor Huet : Bend Science Station**
 - ▶ *for... "Exploring the Effects Of Wood Species On Water Filtration"*

Science Champion Award

- ▶ **sponsored by: U.S. Agency for International Development**
 - ▶ **Seyoung Lee, Minkyu Cho, Jongwon Chang : St. Mary's School**
 - ▶ *for... "Enhanced Communication Interface for Speech-Impaired Individuals: An AI Smartphone Solution For In-Hospital and At-Home Use"*

Outstanding Project by an 11th Grade Student

- ▶ **sponsored by: Yale Science and Engineering Association, Inc.**
 - ▶ **Tristan Huet, Connor Huet : Bend Science Station**
 - ▶ *for... "Exploring the Effects Of Wood Species On Water Filtration"*

Outstanding Use of the International System of Units

- ▶ sponsored by: U.S. Metric Association
 - ▶ Luke Shirtcliff : Bend Science Station
 - ▶ *for... "An exploration of different sweeteners on the growth of the acellular slime mold *Physarum polycephalum*"*

Outstanding Research in Psychology

- ▶ **sponsored by: American Psychological Association**
 - ▶ **Taylor Goodrich, Morgan Goodrich : Trinity Lutheran School**
 - ▶ *for... "Mnemonics and Memorization"*

U.S. Air Force Outstanding Project

- ▶ **sponsored by: U.S. Air Force**

- ▶ **Brandon Garcia Huerta : Bend Science Station**

- ▶ *for... "An Exploration of Radon levels and bedrock type in Bend, Oregon"*

- ▶ **Luke Shirtcliff : Bend Science Station**

- ▶ *for... "An exploration of different sweeteners on the growth of the acellular slime mold *Physarum polycephalum*"*

- ▶ **Zach Patterson : Trinity Lutheran School**

- ▶ *for... "Do Meal Worm Pupae Grow Better in a Light Environment vs. a Dark Environment and a Warm vs. Cold Environment"*

- ▶ **Ellie Cooper : Trinity Lutheran School**

- ▶ *for... "What are the Mental and Physical Effects of Wrestling?"*

Regeneron Biomedical Science Award

- ▶ **sponsored by: Regeneron**
 - ▶ **Curran Jacobus : Bend Senior High**
 - ▶ *for... "Target-Specific Development of Pseudo Natural Products Through the Combination of Natural Product Fragments"*

Advancing to Northwest Science Expo April 5

▶ **Curran Jacobus : Bend Senior High**

- ▶ *for... "Target-Specific Development of Pseudo Natural Products Through the Combination of Natural Product Fragments"*

▶ **Tristan Huet, Connor Huet : Bend Science Station**

- ▶ *for... "Exploring the Effects Of Wood Species On Water Filtration"*

▶ **Brandon Garcia Huerta : Bend Science Station**

- ▶ *for... "An Exploration of Radon levels and bedrock type in Bend, Oregon"*

▶ **Luke Shirtcliff : Bend Science Station**

- ▶ *for... "An exploration of different sweeteners on the growth of the acellular slime mold Physarum polycephalum"*

▶ **Sam Massari : Bend Senior High**

- ▶ *for... "An inquiry Into the Effects of Perfluoroalkyl Substances on Human and Environmental Health"*

▶ **Ryder Lewis : Trinity Lutheran School**

- ▶ *for... "Creating an Artificial Pancreas Prototype with the Assistance of 3D Printed Technology"*

▶ **Linh Vu : Trinity Lutheran School**

- ▶ *for... "The Fridge Scanner"*

▶ **Taylor Goodrich, Morgan Goodrich : Trinity Lutheran School**

- ▶ *for... "Mnemonics and Memorization"*

▶ **Jackson Carroll : Trinity Lutheran School**

- ▶ *for... "Solar Powered Power Tools"*

▶ **Dakota Brown : Trinity Lutheran School**

- ▶ *for... "Water Saving Sprinkler Controls with Rain Bucket Feedback"*

OSU General Scholarship

- ▶ **sponsored by: Oregon State University**
 - ▶ **Tristan Huet, Connor Huet : Bend Science Station**
 - ▶ *for... "Exploring the Effects Of Wood Species On Water Filtration"*

Regeneron ISEF Finalist

- ▶ **sponsored by: Northwest Science Expo System**
 - ▶ **Curran Jacobus : Bend Senior High**
 - ▶ *for... "Target-Specific Development of Pseudo Natural Products Through the Combination of Natural Product Fragments"*
 - ▶ **Tristan Huet, Connor Huet : Bend Science Station**
 - ▶ *for... "Exploring the Effects Of Wood Species On Water Filtration"*