# 2024 Denver Metro Regional Science and Engineering Fair
# Award Winners
### *All projects can be viewed at: [https://symposium.foragerone.com/2024-dmrsef](https://symposium.foragerone.com/2024-dmrsef)*

# Senior Division – Best in Fair

**1st Place:** Tristan Cao - Stargate Charter School, 10th Grade
**2nd Place:** Amy Zhang - Lakewood High School, 9th Grade
**3rd Place:** Elizabeth Vossler - Denver School of the Arts, 11th Grade

**1st Alternate:** Anirudh Gadepalli - Cherry Creek High School, 10th Grade
**2nd Alternate:** Ersel Serdar - Cherry Creek High School, 11th Grade

# Junior Division – Best in Fair

**1st Place:** Tess Price - Ken Caryl Middle School, 8th Grade
**2nd Place:** Anirudh Rao - STEM School Highlands Ranch, 6th Grade
**3rd Place:** Varun Velmurugan - Campus Middle School, 8th Grade

**Honorable Mention:** Vedanth Raju - Aurora Quest K-12, 6th Grade

# Senior - Category Awards

### Animal & Plant Sciences
**1st Place:** Amanda Castillo-Lopez and Caitlin Dong - Cherry Creek High School, 12th Grade
**2nd Place:** Hansini Mudumala and Aryana Havash - SkyView Academy, 11th Grade
**3rd Place:** Suhani Dureja - Stargate Charter School, 11th Grade
**Honorable Mention:** Kaylee Hesse - Green Mountain High School, 9th Grade

### Biological Sciences
**1st Place:** Kyra Jordan - Golden Senior High School, 12th Grade
**2nd Place:** Jade Woolman - Green Mountain High School, 9th Grade
**3rd Place:** Hailey Geva - DSST: Montview High School, 12th Grade

### Chemistry
**1st Place:** Mariami Zhuzhunashvili - Cherry Creek High School, 12th Grade
**2nd Place:** Dylan Soule - Green Mountain High School, 9th Grade
**3rd Place:** William Nguyen - DSST: Montview High School, 12th Grade

## Computer Sciences & Mathematics
**1st Place:** Amy Zhang - Lakewood High School, 9th Grade
**2nd Place:** Anirudh Gadepalli - Cherry Creek High School, 10th Grade
**3rd Place:** Christina Abraham - Mountain Vista High School, 11th Grade

## Earth & Environmental Sciences
**1st Place:** Elizabeth Vossler - Denver School of the Arts, 11th Grade
**2nd Place:** Hannah McClintock - Strasburg High School, 12th Grade
**3rd Place:** Jessie Stong - Green Mountain High School, 12th Grade
**Honorable Mention:** Aspen Fisher - Evergreen High School, 12th Grade

## Engineering
**1st Place:** William Livingood - Green Mountain High School, 12th Grade
**2nd Place:** Molly Odgren - Evergreen High School, 12th Grade
**3rd Place:** Alexander Polazkowyj - Evergreen High School, 12th Grade

## Materials Sciences
**1st Place:** Cole Randolph - Green Mountain High School, 12th Grade
**2nd Place:** Vikram Raju - Cherry Creek High School, 9th Grade
**3rd Place:** Addison Evans - Green Mountain High School, 9th Grade

## Medicine & Health Sciences
**1st Place:** Garrett Rymer - Cherry Creek High School, 11th Grade
**2nd Place:** Levi Goncharov - Cherry Creek High School, 9th Grade
**3rd Place:** Amy Xia - Cherry Creek High School, 10th Grade

## Physics & Astronomy
**1st Place:** Tristan Cao - Stargate Charter School, 10th Grade
**2nd Place:** Ersel Serdar - Cherry Creek High School, 11th Grade
**3rd Place:** Sophia von Drechsel - Evergreen High School, 12th Grade

## Social & Behavioral Sciences
**1st Place:** Kenedy Jiron-Baker - Evergreen High School, 12th Grade
**2nd Place:** Madelynn Sellers - Green Mountain High School, 9th Grade
**3rd Place:** Victoria Santillana Reyes - Green Mountain High School, 9th Grade

# Junior - Category Awards

## Animal & Plant Sciences
**1st Place:** <u>Ashton Power</u> - Heritage Heights Academy, 6th Grade
**2nd Place:** <u>Rosa Yunt</u> - Good Shepherd Catholic School, 7th Grade
**3rd Place:** <u>Caroline Cookson</u> - Good Shepherd Catholic School, 7th Grade

## Biological & Health Sciences
**1st Place:** <u>Vedanth Raju</u> - Aurora Quest K-12, 6th Grade
**2nd Place:** <u>Kapil Bhandaram</u> - Campus Middle School, 8th Grade
**3rd Place:** <u>Izzy Barter</u> - Denver Jewish Day School, 8th Grade

## Chemistry, Energy, & Physics
**1st Place:** <u>Tess Price</u> - Ken Caryl Middle School, 8th Grade
**2nd Place:** <u>Humza Memon</u> - Crescent View Academy, 6th Grade
**3rd Place:** <u>Reuben Friedlander</u> - Denver Jewish Day School, 7th Grade

## Earth & Environmental Sciences
**1st Place:** <u>Anirudh Rao</u> - STEM School Highlands Ranch, 6th Grade
**2nd Place:** <u>Ayra Memon</u> - Crescent View Academy, 8th Grade
**3rd Place:** <u>Stuti Katrodiya</u> - Challenge School, 8th Grade

## Engineering & Materials Sciences
**1st Place:** <u>Varun Velmurugan</u> - Campus Middle School, 8th Grade
**2nd Place:** <u>Ansley Martin</u> - Challenge School, 7th Grade
**3rd Place:** <u>Andrew Kohler</u> - Blessed Sacrament School, 8th Grade

## Social & Behavioral Sciences
**1st Place:** <u>Sunand Bhandaram</u> - Campus Middle School, 8th Grade
**2nd Place:** <u>Zoey Wheeland</u> - Good Shepherd Catholic School, 7th Grade
**3rd Place:** <u>Juliet Huckabay</u> - Skinner Middle School, 7th Grade

# Special Awards

**Teacher of the Year**
Jen Flores – Green Mountain High School

**2024 DMRSEF T-Shirt Design Contest**
Varun Velmurugan - Campus Middle School, 8th Grade

**American Psychological Association Award**
Evelyn Seevers - Conifer High School, 10th Grade

**Association of Women Geoscientists Award of Geoscience Excellence**
Abby Malinowski - Evergreen High School, 12th Grade

**Auraria Campus Tri-Institutional Chemistry Club Award**
Tess Price - Ken Caryl Middle School, 8th Grade

**Cherry Creek Water Quality Award**
Elizabeth Vossler - Denver School of the Arts, 11th Grade

**Colorado Chapter Soil Water Conservatory Award**
Senior Division - 1st Place: Kaedance Lueck - Green Mountain High School, 11th Grade
Senior Division - 2nd Place: Evyn Harris - Green Mountain High School, 9th Grade
Junior Division - 1st Place: Nobel Woldu - Challenge School, 8th Grade
Junior Division - 2nd Place: Diego Jose and Clara Bonan - Aurora Science & Tech, 6th Grade

**Colorado Section of the American Chemical Society Award**
1st Place: Yilin Song - Cherry Creek High School, 11th Grade
2nd Place: Dylan Soule - Green Mountain High School, 9th Grade
3rd Place: Sydney Pond - Green Mountain High School, 9th Grade

**Colorado/Wyoming Statistical Association Best Use of Statistics Award**
Senior Division: Evelyn Seevers - Conifer High School, 10th Grade
Junior Division: Juliet Huckabay - Skinner Middle School, 7th Grade

**CoorsTek Award**
Senior Division: Amanda Castillo-Lopez and Caitlin Dong - Cherry Creek High School, 12th Grade
Junior Division: Varun Velmurugan - Campus Middle School, 8th Grade

**CU Anschutz Cell Biology, Stem Cells, and Development Graduate Program Award**
Kaelyn de Villiers - SkyView Academy, 10th Grade

**CU Anschutz Neuroscience Graduate Program Award**
1st Place: Nosiba Boukhris - DSST: Cedar High School, 11th Grade
Honorable Mention: Karen Gerecht - Denver Jewish Day School, 10th Grade
Honorable Mention: Keira DiPrimo - SkyView Academy, 10th Grade

**CU Denver Department of Chemistry Award**
Mariami Zhuzhunashvili - Cherry Creek High School, 12th Grade

**CU Denver Department of Integrative Biology Award**
Senior Division: Amanda Castillo-Lopez and Caitlin Dong - Cherry Creek High School, 12th Grade
Junior Division: Jose Figueroa - Aurora Science and Tech, 7th Grade

**CU Denver Department of Physics Award**
Ersel Serdar - Cherry Creek High School, 11th Grade

**CU Science Discovery Award**
Nobel Woldu - Challenge School, 8th Grade

**Denver Mensa Special Recognition Award**
Senior Division: Amy Zhang - Lakewood High School, 9th Grade
Junior Division: Juliet Huckabay - Skinner Middle School, 7th Grade

**Denver Museum of Nature and Science – Science Communication Award**
Senior Division: Amy Xia - Cherry Creek High School, 10th Grade
Junior Division: Caroline Cookson - Good Shepherd Catholic School, 7th Grade

**Denver Zoological Foundation - Wildlife Warrior Award**
Dillon Synchef - Evergreen High School, 12th Grade

**DMRSEF Spirit of Science Award**
Alison Barrett - Green Mountain High School, 9th Grade
Rhys Garrett-Duquette - Green Mountain High School, 9th Grade
Evyn Harris - Green Mountain High School, 9th Grade
Layla Lewis-Taylor - Green Mountain High School, 9th Grade
Benjamin Pierce - Green Mountain High School, 9th Grade
Aya Hajdarwish - Crescent View Academy, 8th Grade
Caroline Cookson - Good Shepherd Catholic School, 7th Grade
Victor Torrez - Lake Middle School, 7th Grade

**Emerging Scientist Award**
Victor Torrez - Lake Middle School, 7th Grade

**Ferrara Family Award for Scientific Advancement of Social and Environmental Justice**
Senior Division: Kenedy Jiron-Baker - Evergreen High School, 12th Grade
Junior Division: Ashley Rollins and Makaila Crouch-Pyne - Free Horizon Montessori, 6th Grade

**Hussain Family Award for Cool Algorithms**
Senior Division: Amy Zhang - Lakewood High School, 9th Grade
Junior Division: Anirudh Rao - STEM School Highlands Ranch, 6th Grade

**Keep It Clean Denver Outstanding Water Quality Project**
Berkeley Bowler and Salma Sibriye - Challenge School, 8th Grade

**Lemelson Early Inventor Award**
Anirudh Rao - STEM School Highlands Ranch, 6th Grade

**Metropolitan State University Denver - Summer Science Institute Award**
Tess Price - Ken Caryl Middle School, 8th Grade

**NASA Earth System Science Award**
Anirudh Rao - STEM School Highlands Ranch, 6th Grade

**National Security Agency Award**
Senior Division - 1st Place: Amy Zhang - Lakewood High School, 9th Grade
Senior Division - 2nd Place: Anirudh Gadepalli - Cherry Creek High School, 10th Grade
Senior Division - 3rd Place: Sami Ahmed, Dhruv Sodani, Shiven Saxena - Cherry Creek High School

Junior Division - 1st Place: Anirudh Rao - STEM School Highlands Ranch, 6th Grade
Junior Division - 2nd Place: Sunand Bhandaram - Campus Middle School, 8th Grade
Junior Division - 3rd Place: Jarrett Smith and Keira Lipp - Free Horizon Montessori, 6th Grade

**National Renewable Energy Laboratory (NREL) Award**
Senior Division - 1st Place: Elijah Gomez - Green Mountain High School, 9th Grade
Senior Division - 2nd Place: Mariami Zhuzhunashvili - Cherry Creek High School, 12th Grade
Senior Division - 3rd Place: Lucas Toth - Evergreen High School, 12th Grade
Honorable Mention: Ameen Khan - Crescent View Academy, 7th Grade
Honorable Mention: Jarrett Smith and Keira Lipp - Free Horizon Montessori, 6th Grade

**NOAA Taking the Pulse of the Planet Award**
Elizabeth Vossler - Denver School of the Arts, 11th Grade

**Nugent Family Statistical Award**
Juliet Huckabay - Skinner Middle School, 7th Grade

**Office of Naval Research Award**
Senior Division: Cole Randolph - Green Mountain High School, 12th Grade
Senior Division: Isaac Stong - Green Mountain High School, 9th Grade

Junior Division: Zoey Wheeland - Good Shepherd Catholic School, 7th Grade
Junior Division: Suhas Chavali - Heritage Heights Academy, 8th Grade
Junior Division: Varun Velmurugan - Campus Middle School, 8th Grade

**Parker Arts – Culture in Science Award**
1st Place: Evelyn Seevers - Conifer High School, 10th Grade
Honorable Mention: Amy Zhang - Lakewood High School, 9th Grade

**Parker Arts – History in Science Award**
Abby Malinowski - Evergreen High School, 12th Grade

**Parker Water Innovation Award**
Luke Fisher - Kent Denver School, 12th Grade

**Regeneron Biomedical Science Award**
Vignesh Velmurugan - Cherry Creek High School, 10th Grade

**Ricoh Sustainable Development Award**
Matthew Vargo, Zeke Sanchez, Jasper Sanchez - Aurora Science & Tech, 9th Grade

**Rocket Lab Innovation in Engineering Award**
Senior Division: Ersel Serdar - Cherry Creek High School, 11th Grade
Senior Division: Coby Kassner - Colorado Early Colleges Inverness, 11th Grade

Junior Division: Anirudh Rao - STEM School Highlands Ranch, 6th Grade
Junior Division: Ansley Martin - Challenge School, 7th Grade

**Rocky Mountain Section of the American Water Works Association Award**
Kanshita Dam and Victoria Strobos - Kent Denver School, 11th Grade

**Rocky Mountain Water Environment Federation Award**
Nobel Woldu - Challenge School, 8th Grade

**Roy Albert Hanson Innovative Problem-Solving Award**
Lucy Noailles and Jacob Simpson - Green Mountain High School, 9th Grade

**The Society of Petroleum Engineers Denver Section Prize for Creativity in Earth Sciences**
Senior Division: Heidi Treichel - Green Mountain High School, 9th Grade
Junior Division: Ayra Memon - Crescent View Academy, 8th Grade

**The Society of Fire Protection Engineers Rocky Mountain Chapter Award**
Senior Division: Lyla Toth - Evergreen High School, 12th Grade
Junior Division: Alexa Berger and Charlie Sacks - Denver Jewish Day School, 6th Grade

**The Society For In Vitro Biology Achievement Award**
Kanshita Dam and Victoria Strobos - Kent Denver School, 11th Grade

**Stockholm Junior Water Prize**
Ella Cockrum - Green Mountain High School, 9th Grade
Emma Burke - SkyView Academy, 10th Grade
Elizabeth Vossler - Denver School of the Arts, 11th Grade

**United States Metric Association Award**

Hansini Mudumala and Aryana Havash - SkyView Academy, 11th Grade

**Ursa Major Bearospace Award**

Ersel Serdar - Cherry Creek High School, 11th Grade

**US Air Force Award**

Senior Division: Ersel Serdar - Cherry Creek High School, 11th Grade
Senior Division: Garrett Rymer - Cherry Creek High School, 11th Grade

Junior Division: Anirudh Rao - STEM School Highlands Ranch, 6th Grade
Junior Division: Sunand Bhandaram - Campus Middle School, 8th Grade

**USAID Science Champion Award**

Ashley Rollins and Makaila Crouch-Pyne - Free Horizon Montessori, 6th Grade

**William L Weston MD Memorial Award**

Zayn Rana - Crescent View Academy, 6th Grade

**Yale Science and Engineering Award**

Christina Abraham - Mountain Vista High School, 11th Grade

**Young Changemaker Award**

Elizabeth Vossler - Denver School of the Arts, 11th Grade
Garrett Rymer - Cherry Creek High School, 11th Grade
Malaak Aldoubosh - Crescent View Academy, 6th Grade