

2008 Beaverton-Hillsboro Science Expo Awards List

Beaverton Peer Recognition Award

Sponsored by Vernier

- Daniel Nash, Southridge High School
- Farshad Farabakhshian, Southridge High School

Hillsboro Peer Recognition Award

Sponsored by FEI

- Morgan Walti, Liberty High School

Special Awards

Outstanding Project in an Atmospheric Science Exhibit

Sponsored by: American Meteorological Society

- Will Valiant, Merlo Station High School
- Michael Willems, Merlo Station High School
- Nima Ahmadi, Westview High School

Outstanding Geoscience Project

Sponsored by: Association Of Women Geoscientists

- Christina Batilo, Merlo Station High School
- Michaela Cochran, Merlo Station High School

NOAA's Taking the Pulse of the Planet

Sponsored by: National Oceanic and Atmospheric Administration

- Amanda Mayberry, Southridge High School
- Nick Murray, Southridge High School

Sustainable Development Award

Sponsored by: Ricoh Corporation

- Brian Clemmons, Hillsboro High School
- Ashutosh Patra, Sunset High School

Outstanding Project in In Vitro Biology

Sponsored by: Society for In Vitro Biology

- Diya Dwarakanath, Westview High School
- Punya Jain, Sunset High School

U.S. Regional Stockholm Junior Water Prize

Sponsored by: Water Environment Federation

- Caitlin Richard, Merlo Station High School
- Claire Ngwa, Aloha High School
- Brian Clemmons, Hillsboro High School
- Ashutosh Patra, Sunset High School

Outstanding Project in Materials Science

Sponsored by: ASM International Foundation

- Nick Mendes, Merlo Station High School
- Nathan VanWinkle, Liberty High School
- Riley Hickman, Liberty High School

Herbert Hoover Young Engineer Award

Sponsored by: Herbert Hoover Presidential Library Association

- Nathan VanWinkle, Liberty High School
- Riley Hickman, Liberty High School

Intel Excellence in Computer Science

Sponsored by: Intel Corporation

- Franklin Zhao, Westview High School

Mu Alpha Theta Award

Sponsored by: Mu Alpha Theta

Michael Chen, Merlo Station High School

Prachi Pai, Merlo Station High School

Innovative Engineering Award

Sponsored by: National Society of Professional Engineers

- Morgan Walti, Liberty High School
- Willie Neiswanger, Merlo Station High School

Outstanding Project by an 11th Grade Student

Yale University Science and Engineering Association

- Siheng You, Sunset High School
- Jeffrey Mullen, Beaverton High School

Outstanding Use of the International System of Units

Sponsored by: U.S. Metric Association

- Navedha Rajan, Sunset High School
- Eric Thomas, Merlo Station High School

Outstanding Research in Psychology

Sponsored by: American Psychological Association

- Emily Harris, Westview High School
- Elizabeth Hausmann, Southridge High School

Project Best Illustrating Surgeon General's Health Recommendations

Sponsored by: U.S. Public Health Service

- Hussein Abu-Hamdeh, Merlo Station High School
- Deborah Wang, Glencoe High School

Army Special Awards

Sponsored by: Army Research Office, U.S. Army

- Sean (Josean) Perez, Westview High School
- Faduma Ahmed-Ali, Westview High School
- Yevgeniy Kostenko, Westview High School
- Andrey Morozov, Merlo Station High School
- Amy Tang, Westview High School
- Vidhi Chokshi, Merlo Station High School
- Colleen Xu, Merlo Station High School
- Nima Ahmadi, Westview High School

Army Outstanding High School Project Sponsored by: Army Research Office, U.S. Army

- Brian McCarthy, Liberty High School
- Sheetal Krishnakumar, Sunset High School

Office of Naval Research Naval Science Awards

Office of Naval Research, US Navy and Marine Corps

- Diya Dwarakanath, Westview High School
- Punya Jain, Sunset High School
- Willie Neiswanger, Merlo Station High School
- Ashutosh Patra, Sunset High School

U.S. Air Force Outstanding Project

Sponsored by: U.S. Air Force

- Sebastian Scofield, St. Albert Science Club
- Stephanie Stanley, Hillsboro High School
- Siheng You, Sunset High School
- Franklin Zhao, Westview High School
- Preston Altree, Beaverton High School
- Morgan Walti, Liberty High School
- Prachi Pai, Merlo Station High School
- Neelay Pandit, Westview High School

Category Awards

Animal Sciences

- 3: Morgan Cain, Aloha High School
- 2: Robin Reid, Century High School
- 1: Sebastian Scofield, St. Albert Science Club

Behavioral and Social Sciences

- 3: Stephanie Stanley, Hillsboro High School
- 2: Heather White, Hillsboro High School
- 1: Sean Perez, Faduma Ahmed-Ali, & Yevgeniy Kostenko, Westview High School

Biochemistry

- 3: Nevedha Rajan, Sunset High School
- 2: Niloy Ghosh, Westview High School
- 1: Jordan Young, Southridge High School

Cellular and Molecular Biology

- 3: Maithri Sarangam, Merlo Station High School
- 2: Zhenhuan Lei, Westview High School
- 1: Diya Dwarakanath, Westview High School

Chemistry

- 3: Andrey Morozov, Merlo Station High School
- 2: Siheng You, Sunset High School
- 1: Brian McCarthy, Liberty High School

Computer Science

- 2: Jonathan Romrell, Glencoe High School
- 1: Franklin Zhao, Westview High School

Energy and Transportation

- 1: Amy Tang, Westview High School

Engineering: Electrical and Mechanical

- 3: Preston Atree, Beaverton High School
- 2: Morgan Walti, Liberty High School
- 1: Sean Jones, Merlo Station High School

Engineering: Materials and Bioengineering

- 3: Teja Pitla, Nikolas Bugas, & Andy Hsiao, Westview High School
- 2: Nathan VanWinkle & Riley Hickman, Liberty High School
- 1: Willie Neiswanger, Merlo Station High School

Environmental Analysis

- 3: Michael Willems, Merlo Station High School
- 2: Ram Narayan & Matt Lee, Beaverton High School
- 1: Brian Clemmons, Hillsboro High School

Environmental Management

- 3: Edward Waters, Merlo Station High School
- 2: Ashutosh Patra, Sunset High School
- 1: Nima Ahmadi, Westview High School

Mathematics

- 2: Michael Chen, Merlo Station High School
- 1: Prachi Pai, Merlo Station High School

Medicine and Health

- 3: Meghan Coffey, Southridge High School
- 2: Neelay Pandit, Westview High School
- 1: Neela Ramanujam, Sunset High School

Microbiology

- 3: Ryan Merrill, Merlo Station High School
- 2: Lauren Fosler & Kevin Rhodes, Glencoe High School
- 1: Colleen Xu, Merlo Station High School

Physics and Astronomy

- 2: Jeremiah McLaury & Peter Heine, Glencoe High School
- 1: Lee Blachly, Hillsboro High School

Plant Sciences

- 3: Robert Marshall & Suket Jain, Westview High School
- 2: Nick Atanasov, Southridge High School
- 1: Alex McCarthy, Liberty High School

Best of Fair

Best of Fair – Team Life

- Sean (Josean) Perez, Faduma Ahmed-Ali & Yevgeniy Kostenko, Westview High School
- The Effect (Short and Long-term) of Computer Usage Between Gender on Different Age Groups

Best of Fair – Team Physical

- Nathan VanWinkle & Riley Hickman, Liberty High School
- Maximizing structure efficiency through material analysis

Best of Fair – Individuals Second place

- Neelay Pandit, Westview High School
- Serotonin 2A receptors and Shivering

- Willie Neiswanger, Merlo Station High School
- Universal Screwdriver Head

Best of Fair – Individuals First place

- Diya Dwarakanath, Westview High School
- Role of Calcium/Calmodulin-dependent protein kinases in BDNF-induced AMPA receptor surface trafficking

- Ashutosh Patra, Sunset High School
- Low Cost Identification of Anaerobic Microbes for Harvesting Energy and Cleansing Wastewater in a Single Chambered Microbial Fuel Cell