

## 2008 Portland Community College Science Expo Awards List

### Special Awards

*Outstanding Geoscience Project*

*Association Of Women Geoscientists*

- Annika Sullivan, Grant High School

*Taking the Pulse of the Planet Award*

*National Oceanic and Atmospheric Administration*

- Jamie Canepa, Jesuit High School

*Regional Sustainable Development Award*

*Ricoh Corporation*

- Zachary McDonnell, Skyview High School

*Outstanding Achievement in In Vitro Biology*

*Society for In Vitro Biology*

- Jamie Canepa, Jesuit High School

*Regional Stockholm Junior Water Prize*

*Water Environment Federation*

- Thuan Vuong & Hang Vuong, Benson Polytechnic High School

*Outstanding Project in Materials Science*

*ASM International Foundation*

- Manali Yavatkar, Jesuit High School

*Outstanding Engineer Award*

*Herbert Hoover Presidential Library Association*

- Taytlyn Fitzgerald & Tesca Fitzgerald Connections Academy

*Best Computer Science Project*

*Intel Corporation*

- Timothy Bauman, Central Catholic High School

*Best Application of Modern Mathematics*

*Mu Alpha Theta*

- Kirben Smoody, KiWi HS

*Innovative Engineering Award*

*National Society of Professional Engineers*

- Zachary McDonnell, Skyview High School

*Outstanding Project by an 11th Grade Student*  
*Yale University Science and Engineering Association*  
●Timothy Bauman, Central Catholic High School

*Outstanding Use of the International System of Units*  
*US Metric Society*  
●Jennifer Xiong, Jesuit High School

*Outstanding Research in Psychology*  
*American Psychological Association*  
●Erica Ellingson, Skyview High School

*Best Project Enforcing US Surgeon General Guidelines*  
*U.S. Public Health Service*  
●Ana Huang & Carmen Seto, Benson Polytechnic High School

*Army Special Awards*  
*Sponsored by: Army Research Office, U.S. Army*  
●Yuan Kai Tsai, Skyview High School  
●Cole Gibbs, Newberg High School

*U.S. Air Force Outstanding Projects*  
*U.S. Air Force*  
●Manali Yavatkar, Jesuit High School  
●Roshen Warriar, Jesuit High School  
●Thuan Vuong, Benson Polytechnic High School  
●Hang Vuong, Benson Polytechnic High School

*Award for Excellence in Scientific Research in Environmental Health*  
*Oregon Environmental Health Association*  
●Jenny Levin, Newberg High School

*Oregon State University Scholarship*  
●Thao Cao, Benson Polytechnic High School

*Oregon State University Scholarship*  
●Jamie Canepa, Jesuit High School

*Oregon State University College of Engineering Scholarship*  
●Manali Yavatkar, Jesuit High School

## Category Awards

### *Behavioral and Social Sciences*

- 2: Gwendolyn McGinnis, OHSU

### *Cellular and Molecular Biology*

- 1: Thao Cao, Benson Polytechnic High School

### *Computer Science*

- 2: Arushi Raghuvanshi, Jesuit High School
- 1: Timothy Bauman, Central Catholic High School

### *Energy and Transportation*

- 2: Cole Gibbs, Newberg High School
- 1: Zachary McDonnell, Skyview High School

### *Engineering: Electrical and Mechanical*

- 2: Yuan Kai Tsai, Skyview High School
- 1: Taytlyn Fitzgerald & Tesca Fitzgerald, Connections Academy

### *Engineering: Materials and Bioengineering*

- 1: Manali Yavatkar, Jesuit High School

### *Environmental Sciences*

- 3: Thanh-Truc Nguyen, Diane Phan, & Aedan Fortes, Benson Polytechnic High School
- 2: Jenny Levin, Newberg High School
- 2: Thuan Vuong & Hang Vuong, Benson Polytechnic High School
- 1: Jamie Canepa, Jesuit High School

### *Mathematics*

- 2: Kirben Smoody, KiWi HS
- 1: Roshen Warriar, Jesuit High School

### *Medicine and Health*

- 3: Vicki Lam, Phuong Pham, & Kim-Ngan Nguyen, Benson Polytechnic High School
- 2: Erica Ellingson, Skyview High School
- 1: Brinda Gokul, Jesuit High School

### *Microbiology*

- 1: Annika Sullivan, Grant High School

### *Physics and Astronomy*

- 2: Anugraha Rajendran, Tualatin High School

### *Plant Sciences*

- 1: Maggie Dreyer, Bend Science Station

## **Advancing to Intel NWSE March 14, 2008**

### *Intel Northwest Science Expo Qualifiers*

- Maggie Dreyer, Bend Science Station
- Annika Sullivan, Grant High School
- Brinda Gokul, Jesuit High School
- Roshen Warriar, Jesuit High School
- Jamie Canepa, Jesuit High School
- Manali Yavatkar, Jesuit High School
- Taytlyn Fitzgerald & Tesca Fitzgerald, Connections Academy
- Zachary McDonnell, Skyview High School
- Timothy Bauman, Central Catholic High School
- Thao Cao, Benson Polytechnic High School
- Thuan Vuong & Hang Vuong, Benson Polytechnic High School
- Gwendolyn McGinnis, OHSU
- Anugraha Rajendran, Tualatin High School
- Erica Ellingson, Skyview High School
- Kirben Smoody, KiWi HS
- Jenny Levin, Newberg High School
- Arushi Raghuvanshi, Jesuit High School

## **Best of Fair**

### *Best of Fair – Team*

Taytlyn Fitzgerald & Tesca Fitzgerald, Connections Academy

- Make a Robot Spectacular in a Generic Way

### *Best of Fair – Individual*

Annika Sullivan, Grant High School

- Some Like It Hot: Fuselloviruses of the Hyperthermophilic Archeon *Sulfolobus solfataricus*

### *Best of Fair – Individual*

Timothy Bauman, Central Catholic High School

- Retrieving Regions-Of-Interest from Videos On The Fly Without Transcoding