

Welcome to the 53rd Annual Alaska Science & Engineering Fair Awards Ceremony (2008). The board wishes to express their gratitude at all of your hard work and congratulate each of you.

Keynote Address: Joanna Hubbard - Science Teacher Specialist for the Anchorage School District

Military Awards

U. S. Army Awards

These projects were judged by both Staff Sergeant Mark Reid and Sergeant Nathan Cossano and will be presented by Sgt. Cossano.

- Overall: Chelsea Holt (12th grade)
- 9th grade: Jenna Chronister
- 10th grade: Guerim Kim
- 11^h grade: Daniel Pitok
- 11th grade: Christian Young
- 12 grade: Reid Magdanz

Naval Science Awards

The Office of Naval Research sponsors scientific research for the US Navy and Marine Corps. ONR has a long history of sponsoring science that changes the world, from past discoveries like the magnetic core memory that is the basis of every computer, to GPS in the '80s, and to the smart robots that searched the wreckage of the World Trade Center. The Junior Award recipients receive a Certificate, a Medallion, and a letter

of congratulations. Senior awardees also receive a \$75 gift certificate. The winners are:

- Kelsey Meacham
- Chelsea Bennett
- Reid Magdanz
- Geurim Kim

U. S. Air Force Awards

These projects were judged by special judges. The awardees are receiving a pad portfolio, a wi-fi hotspot finder, a USB flash drive, a ball point pen, and a messenger bag. The winners are:

- Kelsey Meacham,
- Reid Magdanz
- Colton Blankenship

Awards from Local Organizations

National Weather Service and The American Meteorological Society: Anchorage Chapter

These projects were judged by special judges and will be presented by Laura Furgione.

- Senior High
 - 1st: Vera Simmonds
 - 2nd: Emily Herbig, Paige Hahn, Amanda Jensen
 - 3rd: Bradley Foster
- Middle School
 - 1st: Jahna Tennant
 - 2nd: Lynndsay O'Neill
 - 3rd: Connor Hayden

- Elementary
 - 1st: Jennifer Goertz
 - 2nd: Paul Tandy
 - 3rd: Ben Craig

Alaska Rock Garden Society

Special Judges from the Alaska Rock Garden Society judged for these awards. They will be presented by Carmel Tysver.

- Senior High:
 - Hannah Atkinson
 - Jessel Ellis
 - Kaitlyn Surdyk
- Middle School:
 - Andrew Hutton
- Elementary:
 - Katie McNealy
 - Daleanna Charoensook

Alaska Mineral and Energy Education Resource Education Fund (AMEREF)

Special Judges from the AMEREF judged for these awards. They will be presented by Jana Lage.

- Middle School
 - Kendall Maslen
 - Kelsey Meacham
- Elementary School
 - Gillean Sweda Middlestadt
 - Durante Verzola

Aurora Borealis Branch of the Commissioned Corps (USPHS)

These projects were judged by officers of the Commissioned Corps and will be presented by Mike MarcAurele.

- Senior High: Jenna Chronister
- Elementary:
 - Gavin Casdorff
 - Jania Tumey
 - Kali McCafferty

Chugach Gem and Mineral Society (CGMS)

Special Judges from the Chugach Gem and Mineral Society judged for these awards. They will be presented by Sheila Macias.

- Senior High:
 - 1st: Bradley Foster
 - 2nd: Vera Simmonds
- Middle School:
 - 1st: Kelsey Meacham
 - 2nd: Anna Woern
 - 3rd: Jahnna Tennant
 - Honorable Mention: Kendall Maslen
- Elementary:
 - 1st: Jennifer Goertz
 - 2nd: Elijah Faso-Formoso
 - 3rd: Meghan Thompson
 - Honorable Mention: Durante Verzola

Institute Of Electrical & Electronic Engineers (IEEE)

These projects were judged by Special Judges and will be presented by John Hood.

- Senior High:
 - 1st: Emily Herbig
 - 1st: Paige Hahn
 - 1st: Amanda Jensen
 - 2nd: Samantha Welch
 - 3rd: Samantha McDaniel
- Middle School:
 - 1st: Samantha Caudle
 - 1st: Timi Miner
 - 1st: Ginny Willis
 - 2nd: Dylan Blankenship
 - 3rd: Celia Haering
- Elementary:
 - 1st: Zoey Flynn
 - 2nd: Dylan Skala
 - 3rd: Devon Haynes
 - Honorable Mention: Remy Libbrecht

North Pacific Research Board (NPRB)

These projects were judged by Special Judges and will be presented by Nora Dean.

- Senior High: Denali Whiting
- Middle School: Kelsey Meacham

Society of American Military Engineers (SAME)

These awards will be presented later to students at their school.

- (Names of winners unavailable)

Society for Technical Communication (STC)

These projects were judged and will be presented by Alissa Oder.

- For Elementary Abstracts
 - 1st: Samantha Lee Stewart
 - 2nd: Gavin Casdorph
 - 3rd: Joe Chekan
 - Honorable Mention: Cody Keith
 - Honorable Mention: Paul Tandy
 - Honorable Mention: Jonathan Reintsma
- For Middle School Abstracts
 - 1st: Ian Knapp
 - 2nd: Riley Westfall
 - 3rd: Brock Lane
 - Honorable Mention: Erlee Hjellen
- For Senior High Abstracts
 - 1st: Kelsie Maslen and Willaby Shuster
 - 2nd: Reid Magdanz
 - 3rd: Hannah Atkinson
- For Middle School Displays
 - 1st: Kendall Marlen
 - 2nd: Kelsey Meacham
 - 3rd: Gio Barth
 - Honorable Mention: Courtney Duran
 - Honorable Mention: Brock Lane
 - Honorable Mention: Jesse Aronson
- For Senior High Displays
 - 1st: Shelby Surdyk
 - 2nd: Allison Lennon
 - 3rd: Reid Magdanz

Alaska Fly Fishers

Special judges from the Alaska Fly Fishers chose these winners. These winners were invited to attend the Alaska Fly Fishers monthly meeting where they will be presented with a plaque and \$100.00 Savings Bond. We would like to recognize these students at this time. The winners were:

- For Elementary School: Allison Jones
- For Middle School: Regan Fitzgerald
- For High School: Joycelyn Ivanoff

Alaska Geological Society

Special judges from the Alaska Geological Society chose these winners from Earth, Space or Environmental Science Categories that used the scientific method. These winners were invited to attend the Alaska Geological Society's luncheon where they will receive formal certificates and \$25 Gift Cards.

- Middle School:
 - Kendall Maslen
 - Kelsey Meacham
 - Anna Woern
- Elementary:
 - Gabi Bagneschi
 - Shon Nagel
 - Bella Williams
 - Elijah Faso-Formoso
 - Jennifer Goertz
 - Durante Verzola

Alaska Science Consortium and Alaska Science Teachers Awards
will be presented by Judy Onslow.

- (Names of winners unavailable)

The Imaginarium

Special judges from The Imaginarium chose these winners and asked us to present their awards. These are awarded to Elementary level participants whose project best represents a hands-on, visually appealing experiment. The winners are receiving a certificate, 1 year student membership to the Imaginarium, a gift certificate to the Imaginarium Store and a baseball hat.

- 1st Place: Jiyun Yu
- 2nd Place: Stephan Kranich
- 3rd Place: Melissa Frey
- Honorable Mention: Liz Brown
- Honorable Mention: Bailey Rogers

Awards from National Organizations

American Psychological Association (APA) and Teachers of Psychology in Secondary Schools (TOPSS)

The APA Education Directorate and Teachers of Psychology in Secondary Schools are pleased to award one certificate recognizing outstanding research in psychology under the category of behavioral and social sciences. Recognition of the student's achievement may be publicized via various APA publications.

- The winner is Ember Eck.

ASM International Foundation

The ASM Materials Education Foundation is pleased to present one award, consisting of a medallion and a certificate, recognizing the winner of the best use of new materials. We are presenting one preliminary certificate now; a formal certificate and the medallion will be mailed to the winner's home.

- The winner is Douglas Watts .

Association of Women Geoscientists

The Association for Women Geoscientists (AWG) is pleased to provide an Award Certificate to female students whose projects, in the opinion of the judges, exemplify high standards of innovativeness and scientific excellence in the geosciences. Special consideration was to be given to projects that increase the public awareness of the geosciences, illustrate the interdisciplinary nature of the geosciences, or promote the sensitivity to the earth as a global system.

- The winner is Kendall Maslen.

Herbert Hoover-Young Engineer Award

The Herbert Hoover Presidential Library Association is pleased to provide the Herbert Hoover Young Engineer Award to the outstanding engineering project. The student should have a good grasp of engineering fundamentals, demonstrate competence in one or more engineering disciplines and show good communication skills by effectively explaining his/her project. The winner of this project is receiving a certificate and a medallion.

- The winner is Gio Barth.

Intel Excellence in Computer Science

Intel is proud to announce the continuation of the Intel Excellence in Computer Science Award in the amount of \$200.00. Intel supports the Science Fair because they recognize the importance of developing the talents of our most promising young minds. In particular, the company hopes to encourage increased participation in computer science, one of today's fastest growing fields and an important source of innovation for the 21st century. The winner is the top first place winner of the computer science category in grades 9 through 12.

- The winner is Forest Fisher.

Mu Alpha Theta

Mu Alpha Theta, the National High School and Two-Year College Mathematics Honor Society, wished to provide one certificate to an individual or group project, from grades 9-12, demonstrating the most challenging, thorough, and creative investigation of a problem involving modern mathematics. This project does not necessarily have to be entered in the Mathematics category.

- The winner is Elizabeth Dattilo.

National Society of Professional Engineers

The National Society of Professional Engineers and Professional Engineers in Industry is pleased to provide one award, consisting of a certificate, and "NSPE Innovative Engineering Award" lapel pin and a subscription to Engineering times, to the most outstanding engineering project grades 7 - 12.

- The winner is Colton Blankenship.

National Oceanic and Atmospheric Administration-NOAA

The National Oceanic and Atmospheric Administration (NOAA) is happy to provide one award, consisting of a certificate, to one individual whose research emphasizes NOAA's mission to understand and predict changes in the Earth's environment and conserve and manage coastal and marine resources to meet our Nation's economic, social, and environmental needs.

- The winner is Vera Simmonds.

Ricoh Corporation

The Ricoh Corporation would like to provide students an opportunity to be recognized for their outstanding efforts in addressing issues of environmental responsibility and sustainable development in their science fair projects. The Ricoh Sustainable Development Award goes to the one individual or team entry, selected from among all the general award categories whose principles and technical innovations offer the greatest potential for increasing our ability to grow environmentally friendly and socially responsible businesses. The winner will receive a certificate, and be entered into a drawing for a digital camera.

- The winners are Willaby Shuster and Kelsie Maslen.

Society for In Vitro Biology

The Society for In Vitro Biology provides 1 award given to the most outstanding 11th grade student exhibiting in the areas of plant or animal in vitro biology or tissue culture. They will receive a formal certificate and publicity included in the society's newsletter on their website.

- No projects fit this category.

U. S. Metric Association

The U. S. Metric Association is providing one certificate to be presented to the student in grades 9-12 whose project involves a significant amount of quantitative measurement and which best uses the SI (International System) metric system for those measurements.

- The winner is Vera Simmonds.

Water Environment Federation: U. S. Stockholm Junior Water Prize

The Stockholm Junior Water Prize is the most prestigious award for youth projects in water environment science. This project was judged the best water-related science project by a student in grades 9-12. The winner will receive a certificate and may advance to the next round of judging by the Water Environment Federation.

- No projects fit this category.

Yale Science & Engineering Association, Inc.

The Yale Science & Engineering Association, Inc (YSEA) wishes to provide one certificate to the most outstanding 11th grade student exhibiting in the areas of Computer Science, Engineering, Physics or Chemistry. A formal certificate and a medallion will be mailed to the winner at a later time.

- No projects fit this category.

Middle School Category Winners

These students were chosen by the Alaska State Science and Engineering Fair judges as the best projects in their respective categories. Each winner receives \$50. Also:

SSP Middle School Program Nominations

These awards are presented to our Middle School Category Winners. They will receive information on how to go to the next level of competition.

In:

Animal Science

Behavioral & Social Sciences

BioChemistry

Cellular and Molecular Biology

Chemistry

Computer Science

Earth & Planetary Science

Engineering

Energy and Transportation

Environmental Sciences

Medical & Health Sciences

Microbiology

Physics & Astronomy

Plant Sciences

Katherine Tomera

Ember Eck

Erlee Hjellen

Erik Grazulis

Nickalaus Collins

Celia Haering

Amber Foley-Stewart

Jesse Aronson

Chelsea Bennett

Kelsey Meacham

Riley Westfall

Danielle May

Sarah Bonn

Samatha Caudle & Timi Miner
& Ginny Willis

High School Category Winners

These students were chosen by the Alaska State Science and Engineering Fair judges as the best projects in their respective categories. Each winner receives \$100.

In:

Animal Science	Reid Magdanz
Behavioral & Social Sciences	Jennifer DeMaar
Chemistry	Kelsie Maslen & Willaby Shuster
Computer Science	Forest Fisher
Earth & Planetary Science	Bradley Foster
Engineering	Colton Blankenship
Environmental Management & Sciences	Chelsea Holt
Microbiology	Denali Whiting
Physics & Astronomy	Katiya Erickson
Plant Sciences	Hanna Atkinson

School Trophies

Middle School

The trophy is awarded to Central Middle School.

High School

The trophy is awarded to Kotzebue High School.

University of Alaska College Savings Plan

The recipient of this award is receiving \$1500 savings account to be used at virtually any university of their choice.

- The winner is: Chelsea Bennett

The Most Outstanding Science Teacher Awards

These teachers are being recognized as the most outstanding science teachers participating in our science fair. The winners are:

- For Middle School: Ruthie Knight from Skagway will be receiving a cash prize of \$100.00.
- For High School: Robbie Everett from Kotzebue High School is receiving a cash prize of \$100.00.

ASEF Finalists

These winners will be going on to the Intel International Science Fair in Atlanta, Georgia.

- This student is going as a student observer, Chelsea Holt.
- The 2nd place finalist is Denali Whiting from Kotzebue.
- The 1st place finalist is Reid Magdanz from Kotzebue.