

2024 Special Awards

Air Products Young Innovator Award

is presented to students that demonstrate innovation in computer science and engineering. Each student will receive a cash prize and a certificate.

1st Place \$500 - David Ding

2nd Place \$400 - Aryan Kapoor

3rd Place \$300 - Maggie Kelleher

American Chemical Society - Delaware Section

DE-ACS is awarding these prizes to projects that align with their mission to advance the broader chemistry enterprise and its practitioners for the benefit of Earth and its people.

HS 1st Place \$100 - Aiden Sanxhaku

MS 1st Place \$100 - Radika Dudda

HS 2nd Place \$50 - Kyle Wlazlowski

MS 2nd Place \$50 - Veda Gandhi

HS 3rd Place \$25 - Sydney Vance

MS 3rd Place \$25 - Bodhi Villa

American Entomological Society - Calvert Award

is awarding these prizes to students showing interest and promise in the study of insects, preferably relating to local species. All winners receive a certificate, monetary award, a one year membership in AES which includes a subscription to *Entomological News*, and an invitation to an AES meeting in the spring.

1st Place \$100 - Matthew Lo

2nd Place \$75 - Olivia Melazzo

3rd Place \$50 - Luke Hauck

Honorable Mention \$25 - Anthony Wurz

Honorable Mention \$25 - Nicholas Davidson

American Psychological Association

is pleased to award outstanding research projects in psychological science. Winners receive a certificate of achievement and a complimentary one-year student affiliate membership in APA.

Mikaela Garber, Maya Herrlinger, Shreyas Musuku, and Dorisa Sun

American Society for Microbiology - Eastern PA

is honoring outstanding projects related to the field of microbiology. They also recognize the teacher of our grand prize winner for encouraging the student's research.

Grand prize \$200 Amazon gift card and certificate - Siddharth Danthuluri

Teacher - Daniel Bartnik

Honorable Mention certificate - Elizaveta Kutyeva

Honorable Mention certificate - Abhidev Yelampalli

American Society of Civil Engineers - Philadelphia Section

presents these civil engineering awards to projects with evidence of technical competence that promote the advancement of the profession.

1st Place - \$150, plaque, and invitation to the Spring Social

HS – Maggie Kelleher

MS – Srinikesh Senthilkumar

2nd Place - \$100 and plaque

HS – Ryan Weber

MS – Jake Saks

American Society of Highway Engineers - Delaware Valley Section

is awarding these prizes to outstanding highway-related projects that show intuitiveness and ingenuity as they relate to the highway industry.

1st Place \$250, framed certificate and invitation to their spring meeting - Maggie Kelleher

Honorable Mention \$50 and certificate – Srinikkesh Senthilkumar

Honorable Mention \$50 and certificate – Agrim Jain

American Society of Naval Engineers - Delaware Valley Section

is proud to award prizes to projects that span virtually all fields of science and engineering, as applied to Navy vessels and aircraft. Each winner receives \$500 and a certificate.

HS – Aryan Kapoor

MS – Aarav Upadhyay

American Statistical Association - Philadelphia Chapter

is awarding a \$150 prize and certificate to science fair projects demonstrating the best use of statistics.

Grades 11 & 12 – Arya Honawar

Grades 9 & 10 – Sophia Gao

Middle School – Elena Ray

Bill Rissinger Award for Earth & Space Sciences

This award honors a man that was an outstanding educator and friend. He was a middle school science teacher for almost forty years and the director of the Bucks County Science Fair. He was part of the original DVSF leadership team working with Henry Disston, the first Director of Mentorship and a medals judge for many years. He was kind, honest and reflective not only with his young science research students, but also with his colleagues and new teachers. He was a self-proclaimed “science fair junkie” and deeply believed in the value of scientific research. He showed a genuine interest in the students’ work and was a guiding force to help them realize that the deepest learning often came from our mistakes. He had such a broad range of knowledge and an endless Rolodex of contacts to help others achieve their goals. He was everyone’s favorite teacher and inspired many to go into the fields of education and STEM. The love and commitment he gave to his students and his job deserve respect and admiration and DVSF is proud to honor him with this Earth and Space Science Award. The winner receives a cash prize and a certificate.

Sammy Obeid from Cherry Hill High School West

Broadcom Coding with Commitment Award

is uniquely intended to reward a student’s passion for improving the community and for attempting to apply basic coding or rudimentary computational thinking to solve a problem the student cares about. The winner receives a certificate, \$250 and a Raspberry Pi Pico kit.

Khushi Khurana from William Allen Middle School

Chromatography Forum of Delaware Valley

is honored to recognize the accomplishments of talented young men and women whose research projects utilized principles and techniques of chromatography and separation science.

HS 1st Place \$100 - Vivian Yang

MS 1st Place \$100 - Michael Kuhlsen

HS 2nd Place \$75 - Sophia Sun

MS 2nd Place \$75 - Abhidev Yelampalli

HS 3rd Place \$50 - Chloe Wnek
MS 3rd Place \$50 - Emma Rampe

Constellation Energy Award

is given to outstanding projects that align with the company's mission to promote the use of clean energy and reduce our carbon footprint. Each winner will receive \$100 along with their certificate.

Vibha Borkar, Maggie Kelleher, Lucas Philip, Aarav Upadhyay and Muhan (Yina) Yao

Delaware Audubon Society - Red Knot Award of Excellence

is awarding these prizes to students whose projects align with their mission of promoting species and habitat conservation, particularly those showing interest and promise in the study of birds. All winners receive a monetary award, certificate, and one year membership in the Delaware Audubon Society.

1st Place \$150 - Siddarth Sankar

2nd Place \$75 - Ellie McDonald

3rd Place \$50 - Aadhavan Rengapragash

Honorable Mention \$25 - Erin Leach

Department of Defense (DoD) STEM Leadership Prize

is presented to a middle school project that excels in STEM knowledge and technical skills, demonstrates problem-solving skills and determination to overcome challenges throughout their research project, and exemplifies leadership qualities through excellent communication skills and creative thinking. The winner will receive \$100.

Likhitha Inampudi from Indian Valley Middle School in Montgomery County, PA

DuPont Excellence in Teaching Award

The DuPont Excellence in Teaching Award salutes teachers for many years of dedication and service to the Delaware Valley Science Fairs and support of STEM education in their communities. The winning teachers receive \$500, a plaque, and an all-expenses paid trip to the International Science and Engineering Fair.

JoAnne Daniels from Moravian Academy in Lehigh Valley

Terese Grateful from Council Rock High School-North in Bucks County

Engineers' Club of Philadelphia

honors future leaders in the engineering field to ensure excellence in engineering continues for generations to come. Each winner will receive \$200 and a personalized plaque.

Grades 11-12 – David Ding

Grades 9-10 – Aadi Deshmukh

Middle School – Vibha Borkar

Henry Disston Director's Award

This award goes to a student that has participated in DVSF all through middle school and high school, but may not have received the top awards. We believe her perseverance and commitment to STEM research should be acknowledged. This year's \$500 and trophy for the Henry Disston Director's Award goes to

Mary Kate D'Ambrosio from Avon Grove High School in Chester County, PA

Institute of Electrical and Electronics Engineers - Philadelphia Section

is pleased to present these awards for excellence and outstanding effort in the development and construction of projects in the IEEE fields of interest. The team will split the prize money.

1st Place \$300 and plaque – Xiangbin Luo

2nd Place \$200 and plaque – Sonia Leo

3rd Place \$100 and plaque - Zeshen Chen

Honorable Mention \$50 and certificate - Neha Chigurupati and Akshaya Venkatesh

John C. Sargent Jr. Memorial Award

This award honors the memory of John C. Sargent Jr. by recognizing an outstanding science research project in aerospace, GPS, or some other type of communication. The student will be receiving \$500 and a certificate.

Kush Aggarwal from Charles F. Patton Middle School in Chester County, PA

Johnson & Johnson Award for Biotechnology or Pharmaceutical Science

recognizes excellence in biotechnology or pharmaceutical science research.

1st Place \$500 – Abhinav Siripurapu

2nd Place \$300 – Angelo Boujaoude

3rd Place \$200 – Grace Yacobe

Honorable Mention \$100 - Yash Bhavsar, Sean Jeon, Matthew Lo, Shivam Maheshwari, and Mason Smith

Johnson & Johnson Award for Cardiovascular and Metabolic Research

recognizes science projects that demonstrate excellence in cardiovascular and metabolic research.

1st Place \$500 – Gajan Mohan Raj

2nd Place \$300 – Adwik Banerjee

3rd Place \$200 – Ishani Singh

Honorable Mention \$100 - Jophy Lin, Mia Martin, and Sooraj Tharumia

Joyce Stein Award for Persistence and Ingenuity in Young Women Scientists

honors the memory of a woman who believed in the importance of STEM and the role of science fairs in developing strong students. She and her husband rallied community support and donations to organize and run the Southern New Jersey Science Fair even though they had no institutional sponsors. She was also an advisor and volunteer with DVSF for more than four decades. Mrs. Stein succumbed to ALS (Amyotrophic Lateral Sclerosis) in 2016. These awards honor her legacy and are presented to young women who show persistence and tenacity in their pursuit of research. Each winner will receive a certificate and \$150.

HS – Grace John

MS – Elizabeth Goodman

The Lemelson Foundation partnered with Society for Science

is proud to award The Lemelson Early Inventor Prize to the top inventor, for exemplifying the ideals of inventive thinking by addressing a challenge seen in the community and creating a solution that will improve the lives of others. The winner receives \$100 and a certificate.

Raina Ho from St. Peter's School

Merck Science Achievement Award

honors excellent projects relating to drug discovery and human health. Each winner will receive \$100 and a certificate.

Hanyi Deng, Radika Dudda, Darsh Gajera, Animish Jain, Ajhung Kim, Diya Kumar, Shivam Maheshwari, Srilekha Mamidala, Ananya Relia and Owen Soheily

Mid-Atlantic Society of Toxicology Award

recognizes the best science research project with a strong toxicology focus. The winners will receive an Amazon gift card and a certificate. The Most Exceptional Toxicology Related Poster will also be invited to present their work at the MASOT Regional Fall Meeting.

Most Exceptional Toxicology Related Poster \$150 – Vincent Li

Most Outstanding Toxicology Related Poster \$100 – Tyler Iyengar

Outstanding Toxicology Related Poster \$50 – Alyvia Herman

Mixit - Kohlhaas Award

This award is in memory of two extraordinary men that supported the science fair for many years. Jack Mixit was one of the DVSF directors and worked at the Franklin Institute during the 1960s and 70s when the science fairs were held there. Donald Kohlhaas has been a long supporter of the fair and established this award to honor his friend Jack. Mr. Kohlhaas passed away in August 2021 and his family has graciously offered to continue sponsoring this award. DVSF is proud to honor these two men who were creative, loved to demonstrate science and strongly believed in the benefits of science fairs. Each winner will receive \$100 and a certificate.

Aarav Awasthi, Chase Benckert, Radika Dudda, Maya Herrlinger, Saharsha Konda, Laina Mamaluy, Justin Peng and Sydney Vance

National Oceanic and Atmospheric Administration

presents the Taking the Pulse of the Planet Award to honor projects whose research has demonstrated the principles and technical innovations that offer the greatest potential for an improved understanding of Earth's dynamic processes.

Drew Graziano, Niyathi Jonnalagadda, Riya Mehta, Jordie Ufberg and Roy Zhao

New Jersey Water Environment Association

honors science research that addresses water pollution and/or are water resource projects.

The winner receives an invitation to the NJWEA annual conference where the student will be presented with \$500 and a plaque.

Aarathi Gunasekaran from Jersey Shore Science Fair

Office of Naval Research Naval Science Award

The United States Navy and Marine Corps take pleasure in recognizing projects that demonstrate student learning about the chosen subject and scientific process, as well as the ability to discuss the work intelligently. High school students will receive \$50, a medallion and a certificate. Middle school students will receive a medallion and certificate.

High School - Tamara Brockington, Zeshen Chen, David Ding, Hansika Kodavali, Aryan Kapoor, Xiangbin Luo, Nikhil Skandan, Jude Snyder, Encheng Wang, Yiru Wang and Xiaoyang Xu

Middle School - Kush Aggarwal, Levi Cooper, Ryan Curtis, Jeffrey Fan, Kavya Patel and Atharv Rajesh

Parenteral Drug Association - Delaware Valley Chapter

awards excellent research relating to studies with an impact on human health. Each student receives \$500 and a certificate.

Srijay Chenna, Hanyi Deng, Radika Dudda, Shreya Kalapatapu, Mahjong Kim, Niranjana Sendil Kumar, Shivam Maheshwari, Abhinav Siripurapu, and Leah Yosmanovich-Islam

Pennsylvania Council of Professional Geologists Grover H. Emrich Memorial Award

recognizes an exemplary project that uses the principles of applied geology (earth science) to research issues relevant to human activity where geological factors play a role. Potential topics include environmental contaminants, water supply impacts, groundwater assessment, climate change, mineral exploration, mining, petroleum exploration and engineering geology for disaster management of landslides, floods, earthquakes, etc. The winner receives \$500 and a certificate.

Giovanni DiDonato from Jersey Shore Science Fair

Pennsylvania Society of Professional Engineers - Valley Forge Chapter

proudly recognizes projects from each grade level that exhibit the promise of future engineering excellence.

1st Place \$50 and certificate – SreeNithya Allampally, Rishay Gupta, Aryan Kapoor, Sooraj Tharumia, Nolan Youssef

2nd Place \$25 and certificate - Brandon Cai, Daniel Daly, Avleen Khinda, Sonia Leo and Alessandra Miller

Philadelphia Society for Coatings Technology

awards projects that foster a better understanding of the technology required in the manufacture of paints and coatings, and the development of more environmentally safe products. Winners receive a cash prize and certificate.

1st Place \$500 - Ansh Jaggi

2nd Place \$350 - Yihan Li

3rd Place \$250 – Helena Ung

Regeneron Biomedical Science Award

recognizes a high school project that demonstrates command of and passion for science, exemplifies traits of a driven thinker, demonstrates flexibility and a continuous learner mindset, embodies traits of an inspiring leader, and embodies a drive to use science for good. The winner receives \$375 and a certificate.

Mason Smith from Bucks County Science Research Competition

Roy F. Weston Memorial Award for Environmental Sciences

honors the ability and creativity of student research in environmental sciences. The winner will receive \$500 and a certificate.

Aarhi Gunasekaran from Jersey Shore Science Fair

Saint-Gobain Foundation

is proud to recognize student research that has a positive impact on our society and planet.

The Saint-Gobain Foundation Junior Sustainability Award is for two middle school students whose projects demonstrate sustainability, recycled material use, carbon reduction, and circular economy solutions. Each winner receives \$400 and a certificate.

Chase Benckert and Raina Ho

The Saint-Gobain Foundation Sustainability Award is given to four high school student researchers that demonstrate sustainability, recycled material use, carbon reduction, and circular economy solutions. Each winner receives \$800 and a certificate.

12th Grade - Lucas Phillip

11th Grade - David Ding

10th Grade - Abhay Chathuruthy

9th Grade - Kyle Meyers

The Saint-Gobain Innovation @Malvern Prize is awarded to the project in the fair that best encompasses Saint-Gobain's mission of making the world a better hom. The project selected shows how the solution has a positive impact on everyone's life and provides well-being, quality of life and performance, while caring for the planet. This winner receives \$1000 and a trophy.

Maggie Kelleher from Jersey Shore Science Fair

Sino-American Pharmaceutical Professionals Association -Greater Philadelphia Song Li Award

recognizes student research that aligns with their mission statement to promote pharmaceutical sciences and biotechnology, contribute to public health education by raising public awareness, facilitate scientific and business cooperation, and foster the career development of pharmaceutical professionals. Each winner will receive a \$300 gift card and a certificate.

Biochemistry - Yixi Meng

Medicine and Health - Zachary Wei

Microbiology - Augustine Cho

Society of Environmental Toxicology and Chemistry - Hudson Delaware Chapter

honors high school projects that promote the development of principles and practices for the protection, enhancement and management of sustainable environmental quality and ecosystem integrity.

1st Place \$150 - Henry Bai

2nd Place \$75 - Pranav Vijay

3rd Place \$25 - Tyler Iyengar

Honorable Mention - Vanessa Genda

Society of Tribologists and Lubrication Engineers - Philadelphia Section

honors student research that relate to lubrication or corrosion prevention. Each student will receive \$100 and a certificate.

Brooklyn Diener, Emmanuel Tapia Jimenez, Elena Lin, Helena Ung, and Xiaoyang Xu

Society of Women Engineers - Philadelphia

is proud to recognize outstanding science projects which typify engineering principles and methods.

Dorothy Hoffman Award - \$1000 is Nishi Vyas

1st Place with \$100 - SreeNithya Allampally, Iyanuoluwa Ayannusi, Maggie Kelleher, and Sonia Leo

2nd Place with \$50 - Annabelle Ahteck, Emma Dunn, Emilee Howery, Avleen Khinda, and Gloria Klees

HM cert - Tamara Brockington, Sophia Gao, Carly Gittle, Raina Ho, Alessandra Miller and Bhavi Patel

US Air Force

is proud to pay tribute to young high achievers that will strengthen the nation's STEM future through their ideas and imaginations. Each student will receive a preliminary certificate this evening and an award package will be sent to them after the fair.

Sohum Gautam, William Long, Sooraj Tharumia, and Lance Yang

US Department of Agriculture Eastern Regional Research Center

honors students with the Future Scientist Award for having meritorious projects dealing with agricultural research. Each student will receive a certificate and an invitation to the Future Scientist Day Event.

Ishan Ashok Bharadwaj, Leo Benz, Radika Dudda, Nicholas Duncklee, Emily Eayre, Tatianna Febles-Perez, Vanessa Genda, Prisha Hallur, Abigail Henry, Jerry Huynh, Ansh Jaggi, Dillon Lind, Naina Madhwani, Sravamti Manikonda, Alexander Ortiz Pantoja, Sonya Patel, Luke Procyk, Ky Rawl, Jiayi (Madalyn) Shen, Sophia Sun, Jonathan Win and Remington Yang

West Pharmaceutical Services

is proud to recognize science projects that demonstrate creativity and scientific thought in the areas of research and innovation. Each HS and MS individual project winner will receive \$250. Each MS Team member will receive \$350 and each HS Team member will receive \$500.

Biochemistry Awards: Eillon Lind and Prisha Hallur

Chemistry Awards: Veda Gandhi and Ansh Jaggi

Engineering Awards: Nolan Youussef and Yiru Wang

Medicine and Health Awards: Vedanth Iyengar and Jessica Wang

HS Team Award: Rahini Chauhan and Miriam Kelawy

MS Team Award: Joseph LeDonni and Adler Wang

WL Gore and Associates

sponsors three awards. Each honors students with \$100 for first place, \$50 for second place and \$25 for third place. The Extreme Engineering Challenge honors projects that demonstrate advanced skills in the engineering design process.

1st Place - Emma Dunn

2nd Place - Maggie Kelleher

3rd Place - David Ding

The Innovation Award recognizes projects that demonstrate exceptional creativity and innovation in science research.

1st Place - Zeshen Chen

2nd Place - Nithilan Rengapragash

3rd Place - Encheng Wang

The Material Science Research Award honors outstanding material science research projects.

1st Place - Asha Chakrabarti

2nd Place - Maximilian Kopp

3rd Place - Ansh Jaggi

Yale Science and Engineering Association

recognizes outstanding 11th grade projects in Chemistry, Computer Science, Engineering, Mathematics and Physics. Each student will receive a certificate and medallion.

Brandon Cai, MD Nahidul Sabit, Ishani Singh and Kriti Srivastava

***** SCHOLARSHIPS *****

Dietrich W. Botstiber Foundation Award

The Dietrich W. Botstiber Foundation is honoring three students whose research is related to aviation and physics by offering them an \$8000 unrestricted scholarship. The winners will be awarded \$2000 per year, for four years, pending maintenance of full-time status and good academic standing.

John Akladus, Cooper Gray and Brian Liu

Community College of Philadelphia

The CCP Summer Advance College Experience (ACE) Scholarship is presented to four high school students. Each will receive a scholarship for one Summer ACE course at CCP, including tuition and the cost of the required textbook(s). The ACE program offers a cross-section of intensive courses and includes a full semester of college-level course material over five weeks in July and August. Students that earn a "C" or better will receive college credit from the Community College of Philadelphia. The scholarship must be used within two years of receiving the award and will be null and void once the student graduates from high school.

ACE - Lucille Darrah, Aadi Deshmukh, Matthew Lo, and Maddie Morris

The CCP Junior STEM Academy STEM Summers Scholarship is presented to middle school students who show potential for scientific inquiry. Four students will each receive a scholarship to attend a STEM Summer Camp at CCP, including the tuition and cost of all field trips. The STEM Summer program offers six STEM-themed camps including 3D Printing, Robotic Engineering, Coding With Arduino, Automotive Technology, Drones, and Audio & Visual Technology. The camps run over four weeks in July and August. The awards must be used the same year it is granted.

Jr STEM - Ansel Belani, Taliyah Davis, Tyler Iyengar, and Elyse Mousley

Harrisburg University of Science and Technology

The Science and Technology Scholar Award is given to all high school seniors and juniors participating in the Delaware Valley Science Fairs. It will cover up to \$1500 for four (4) academic years at Harrisburg University of Science and Technology and is renewable each year. This will be in addition to any Merit Scholarship Award the student receives upon application and admission to the university. To redeem this award, the student must be granted a regular, full-time admission to HU for the Fall semester immediately following graduation from high school. Please be sure to read the award letter carefully for more details about eligibility.

In 2024, this award was offered to 266 students from the Delaware Valley Science Fairs.

*** Thermo Fisher Scientific Junior Innovators Challenge ***

Thermo Fisher Scientific continues to sponsor this national middle school competition. The Thermo Fisher Scientific Junior Innovators Challenge invites our winning sixth through eighth grade students to compete in the TFJIC. Tonight, students receive a certificate and then will be sent a digital entry packet through STEM Wizard next week. **STUDENTS MUST REGISTER THEMSELVES IF THEY CHOOSE TO COMPETE.** Delaware Valley Science Fair will not “promote” students or send any paperwork to the TFJIC for you. These are the eligible students from this year’s fair.

Kush Aggarwal
Satvik Bandaru
Adwik Banerjee
Chase Benckert
Leo Benz
Levi Cooper
Jonathan David
Radika Dudda
Nicholas Duncklee
Maya Futer
Vandita Gabbita
Meredith Gahring
Veda Gandhi
Raina Ho
Tyler Iyengar
Vedanth Iyengar
Adi Iyer

Diya Iyer
Ayush Jalani
Twisha Jani
Sean Jeon
Miraan Jhaveri
Alexandra Kanterezhi-Gatto
Ashley Kim
Audrina Kim
Saharsha Konda
Brody Kroll
Diya Kumar
Jeffrey Lux
Laina Mamaluy
Ellie McDonald
Naive Morrison
Elyse Mousley

Aradhya Pasikanti
Luke Procyk
Atharv Rajesh
Arjun Reddy
Aadhavan Rengapragash
Jake Saks
Guhan Sathish
Noah Sciortino
Vishahan Sethu
Benjamin Shenko
Aaditri Suresh
Leah Tierno
Madi Vincent
Chase Yalon
Lucas Yang
Alyssa Yao

Sending a thank you note for your award is a courteous and professional thing to do.

The address for your organization should be included with your prize and certificate.

If your award or check will be mailed to you, please be patient. They will be sent by the end of May.

If you do not receive your award by early June or have any other questions,

please email our Director of Awards and Scholarships,

Ms. Mary-Rita Bonner at mrbonner@dvsf.org.