



Delaware Valley Science Fairs 2020

List of Winners

Thursday, May 7, 2020

72nd Delaware Valley Science Fair Grade 12

Rishi Vaidyanath, Central Bucks High School- East : Gold Medalist
Ariel Baiano, Marine Academy of Technology & Environmental Science
(MATES) : Silver Medalist
Christopher Gerhart, Souderton Area High School : Bronze Medalist

Behavior & Social Sciences:

First Place Lauren Bradley, Bishop Shanahan High School
Second Place Daneyah Claitt, School of the Future
Third Place Adam Maman, Jack M. Barrack Hebrew Academy

Biochemistry:

First Place Claudia Zhang, Holmdel High School
Second Place Samantha Zanine, Central Bucks High School- West
Third Place Aleena Alex, Northeast High School
Honorable Mention Michael Bahner, Central Bucks High School- West

Botany:

First Place Isabella Onofrietti, Toms River High School North
Second Place Kailey Matthews, Marine Academy of Technology & Environmental Sci

Chemistry:

First Place Evan Wang, Unionville High School
Second Place Erin Murphey, Marine Academy of Technology & Environmental Scienc
Third Place Vrishin Patel, Holmdel High School
Honorable Mention Rutuja Kulkarni, Central Bucks High School- West

Computer:

First Place Sofiya Lysenko, Abington Junior High School
Second Place Marshall Miller, Central Bucks High School- West
Third Place Justin Zhang, Holmdel High School
Honorable Mention Gabriella Huegel, Cherry Hill High School West



Delaware Valley Science Fairs 2020

List of Winners

Thursday, May 7, 2020

72nd Delaware Valley Science Fair Grade 12

Earth & Space Sciences:

First Place	Amy Fullington, Marine Academy of Technology & Environmental Scie
Second Place	Ashmitha Sivakumar, Methacton High School
Third Place	Miti Patel, Methacton High School

Engineering:

First Place	Christopher Gerhart, Souderton Area High School
Second Place	Jasmine Zhang, Council Rock High School- North
Third Place	Sophia Shapiro, Jack M. Barrack Hebrew Academy
Honorable Mention	Arushi Tiwari, Methacton High School Shane Warner, Father Judge High School

Environmental:

First Place	Srikar Yelamarthy, Central Bucks High School- South
Second Place	Shreya Patil, Methacton High School
Third Place	Eric McGivney, Marine Academy of Technology & Environmental Scien
Honorable Mention	Shannon Baker, Bishop Shanahan High School Laura-Frances Taylor, G.W Carver Engineering and Science

Mathematics:

First Place	Rebecca Mastrola, Marine Academy of Technology & Environmental Sci
Second Place	Aidan Choo, Holmdel High School
Third Place	Pranav Garimidi, Conestoga High School
Honorable Mention	Francis Peng, Central Bucks High School- West



Delaware Valley Science Fairs 2020

List of Winners

Thursday, May 7, 2020

72nd Delaware Valley Science Fair Grade 12

Medicine & Health:

First Place	Ariel Baiano, Marine Academy of Technology & Environmental Science
Second Place	Andrew Yang, Central Bucks High School- East
Third Place	Samantha Lafferty, Cherry Hill High School West
Honorable Mention	Jessica Holgado, Bishop Shanahan High School
	Hayden Ufberg, Jack M. Barrack Hebrew Academy
	Synia Boyer, Central High School
	Benjamin Doyle, Downingtown STEM Academy
	Madison Charnigo, Central Bucks High School- East
	Rhea Malhotra, Moravian Academy

Microbiology:

First Place	Rishi Vaidyanath, Central Bucks High School- East
Second Place	Erin Greer, Central Bucks High School- South
Third Place	Taylor Buie, G.W Carver Engineering and Science
Honorable Mention	Kiana Amora, Cherry Hill High School West

Physics:

First Place	Haley Korwan, Marine Academy of Technology & Environmental Science
Second Place	Saikrishna Manojkumar, Central Bucks High School- West
Third Place	Helen Rudoler, Jack M. Barrack Hebrew Academy

Zoology:

First Place	Steven Holmberg, Marine Academy of Technology & Environmental Science
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Delaware Valley Science Fairs 2020

List of Winners

Thursday, May 7, 2020

72nd Delaware Valley Science Fair Grade 11

Emily Wang, Germantown Academy : Gold Medalist

Benjamin Lin, Holmdel High School : Silver Medalist

Lillian Miller, Perkiomen Valley High School : Bronze Medalist

Behavior & Social Sciences:

First Place	Zhixuan Ye, Friends Select School
Second Place	Chuhan Ouyang, Green Hope High School
Third Place	Lauren Wolstenholme, PA Leadership Charter School
Honorable Mention	Rick Hsu, Holmdel High School
	Phoebe Yu, Yu Homeschool
	Hagar Eldeeb, Souderton Area High School
	Lesslie Montiel, Camden Academy Charter High School
	Anthony Kostacos, Germantown Academy
	Lauren Lepore, Holmdel High School
	Evelyn Toscarelli, Holmdel High School
	Jocelyn Freed, Springside Chestnut Hill Academy

Biochemistry:

First Place	Winston Li, High Technology High School
Second Place	Bill Zhang, Holmdel High School
Third Place	Rohan Patil, Charter School of Wilmington
Honorable Mention	Shawn Li, Upper Dublin High School
	Hans Shen, St. Andrews

Botany:

First Place	Anam Ali, Parkland High School
Second Place	Sophie Kadan, Central Bucks High School- West
Third Place	Caitlin Sia, Marine Academy of Technology & Environmental Science (



Delaware Valley Science Fairs 2020

List of Winners

Thursday, May 7, 2020

72nd Delaware Valley Science Fair Grade 11

Chemistry:

First Place	Benjamin Lin, Holmdel High School
Second Place	Hyunjin Christina Lee, Conestoga High School
Third Place	Amanda Serjani, Central High School
Honorable Mention	Andrew Zhao, Charter School of Wilmington Ria Medagam, Downingtown STEM Academy

Computer:

First Place	Bradley Xu, High Technology High School
Second Place	Atharva Shanbhag, Charter School of Wilmington
Third Place	Michael Rybalkin, Central Bucks High School- East
Honorable Mention	Rohan Mehta, Souderton Area High School Jerry Lu, Charter School of Wilmington Baoer Li, The Haverford School

Earth & Space Sciences:

First Place	Emily Downs, Marine Academy of Technology & Environmental Scienc
Second Place	Erin Gavin, Souderton Area High School
Third Place	Sadie Furgiuele, Central Bucks High School- West
Honorable Mention	Manav Singh, Lower Moreland High School

Engineering:

First Place	Emily Wang, Germantown Academy
Second Place	Connor D'Arcy, Central Bucks High School- West
Third Place	Sophia Grace Capili, Marine Academy of Technology & Environmental
Honorable Mention	Yuze Gu, Springside Chestnut Hill Academy Dennis Koh, Conestoga High School



Delaware Valley Science Fairs 2020

List of Winners

Thursday, May 7, 2020

72nd Delaware Valley Science Fair Grade 11

Environmental:

First Place	Lillian Miller, Perkiomen Valley High School
Second Place	Anna Zhou, Upper Dublin High School
Third Place	Amanda Wang, Methacton High School
Honorable Mention	Cindy Sako, Central High School
	Jeffrey Sun, Charter School of Wilmington

Mathematics:

First Place	Siyu Shen, Westtown School
Second Place	Joshua Lee, Liberty High School
Third Place	Ayan Lateef, Holmdel High School
Honorable Mention	Anqi Zhang, Academy of Holy Angels
	Neha Skandan, Moravian Academy

Medicine & Health:

First Place	Shriya Boyapati, Charter School of Wilmington
Second Place	Dagmar Daniel, Wissahickon High School
Third Place	Ishana Baboo, Lower Merion High School
Honorable Mention	Emma Lo, The Shipley School

Microbiology:

First Place	Makana Steinmetz, Marine Academy of Technology & Environmental Sc
Second Place	Sarah Rojas, Germantown Academy
Third Place	Shrinija Dandibhotla, Methacton High School
Honorable Mention	Jane Cohen, Moorestown High School

Physics:

First Place	Darren Wu, Charter School of Wilmington
Second Place	Justin Xu, Charter School of Wilmington
Third Place	Eric Zhong, Upper Dublin High School



Delaware Valley Science Fairs 2020

List of Winners

Thursday, May 7, 2020

72nd Delaware Valley Science Fair Grade 11

Zoology:

First Place	Carolyn Almonte, Burlington Township High School
Second Place	Isabella Cozzone, Marine Academy of Technology & Environmental Sci
Third Place	Jadira Foster, Foster Homeschool
Honorable Mention	Victoria Cohen, Springside Chestnut Hill Academy



Delaware Valley Science Fairs 2020

List of Winners

Thursday, May 7, 2020

72nd Delaware Valley Science Fair Grade 10

Olivia Takla, Marine Academy of Technology & Environmental Science
(MATES) : Gold Medalist

Susan Deering, Avon Grove High School : Silver Medalist

Jen Parsons, Upper Dublin High School : Bronze Medalist

Behavior & Social Sciences:

First Place	Olivia Takla, Marine Academy of Technology & Environmental Science
Second Place	Annie Wang, High Technology High School
Third Place	Emma Schrandt, Central Bucks High School- West
Honorable Mention	Aarya Doshi, High Technology High School

Biochemistry:

First Place	Maya Butani, Moorestown High School
Second Place	Zihan Yang, Lower Moreland High School
Third Place	Gwen Ericson, Marine Academy of Technology & Environmental Science

Botany:

First Place	Micaeli Dym, High Technology High School
Second Place	Esben Nielsen, High Technology High School
Third Place	Annetta Yuwono, Julia R. Masterman
Honorable Mention	Keira Trout, Perkiomen Valley High School Brad Miller, High Technology High School

Chemistry:

First Place	Dylan Kuang, Methacton High School
Second Place	Sara Kuzan, Lacey Township High School
Third Place	Irene Biju, Methacton High School
Honorable Mention	Taylor Emanuel-Jackmon, Upper Darby High School Isabel Portner, Julia R. Masterman



Delaware Valley Science Fairs 2020

List of Winners

Thursday, May 7, 2020

72nd Delaware Valley Science Fair Grade 10

Computer:

First Place	Kristen Park, High Technology High School
Second Place	Varoon Raghupathi, Council Rock High School- North
Third Place	Eeshwar Krishnan, PA Leadership Charter School
Honorable Mention	Daniel Luo, Upper Dublin High School
	Edmond Niu, High Technology High School

Earth & Space Sciences:

First Place	Mehir Badlani, Central Bucks High School- South
Second Place	Abigail Meyer, Marine Academy of Technology & Environmental Scienc
Third Place	Michael Hudak, Marine Academy of Technology & Environmental Scien
Honorable Mention	Elena Tawa, Central Bucks High School- East
	Gopiga Dass, Lower Moreland High School

Engineering:

First Place	Ashley Tang, The Episcopal Academy
Second Place	Mikail Jaffer, Moravian Academy
Third Place	Eric Mass, Central Bucks High School- West
Honorable Mention	Sitian Wang, The Hill School
	David Volchonok, Lower Moreland High School

Environmental:

First Place	Lea Wang, Council Rock High School- South
Second Place	Samit Mohapatra, Moravian Academy
Third Place	Emily Luo, High Technology High School
Honorable Mention	Harold Huang, High Technology High School
	Sophia Jarrar, Upper Dublin High School
	Molly Doppler, Sussex Technical high School

Mathematics:

First Place	Yulun Wu, Northfield Mount Hermon
Second Place	Kavish Saini, Downingtown STEM Academy



Delaware Valley Science Fairs 2020

List of Winners

Thursday, May 7, 2020

72nd Delaware Valley Science Fair Grade 10

Medicine & Health:

First Place	Susan Deering, Avon Grove High School
Second Place	Shreyas Ramkumar, Central Bucks High School- South
Third Place	Nicole Wealand, Upper Dublin High School
Honorable Mention	Prithvi Parthasarathy, Great Valley High School Chirag Choudhary, Unionville High School

Microbiology:

First Place	Pranay Linga, Charter School of Wilmington
Second Place	Lakshmi Yannam, Marine Academy of Technology & Environmental Sci
Third Place	Sunskriti Gupta, Methacton High School

Physics:

First Place	Jen Parsons, Upper Dublin High School
Second Place	Nicole Nguyen, Marine Academy of Technology & Environmental Scien
Third Place	Alexander Postovskiy, High Technology High School
Honorable Mention	Manuel Thomas, Downingtown STEM Academy Michaela Caldwell, Upper Dublin High School Elizabeth Bowe, Villa Joseph Marie High School

Zoology:

First Place	Shealyn Lawless, Marine Academy of Technology & Environmental Scie
Second Place	Bridget Magee, Souderton Area High School
Third Place	Abigayle Heathwaite, Woodstown High School



Delaware Valley Science Fairs 2020

List of Winners

Thursday, May 7, 2020

72nd Delaware Valley Science Fair Grade 9

Lucy Wang, Methacton High School : Gold Medalist

Vrishti Yadav, Pennbrook Middle School : Silver Medalist

Aishwarya Suresh, Parkland High School : Bronze Medalist

Behavior & Social Sciences:

First Place	Kayla D'Eletto, Germantown Academy
Second Place	Vox Ch'ng, Cherry Hill High School East
Third Place	Marie-Lainie Galdo, Lower Moreland High School
Honorable Mention	Lucas Collins, Upper Darby High School

Biochemistry:

First Place	Lucy Wang, Methacton High School
Second Place	Jessie Jin, Council Rock High School- North
Third Place	Hannah Gong, Upper Dublin High School
Honorable Mention	Brianna Suliguin, Marine Academy of Technology & Environmental Sci

Botany:

First Place	Keyan Vojdani, Moorestown High School
Second Place	Sneha Chaudhuri, Upper Dublin High School
Third Place	Sameeksha Panda, Methacton High School
Honorable Mention	Klement Swartz, Tamanend Middle School

Chemistry:

First Place	Anna Lu, Methacton High School
Second Place	Deven Chakrabarti, Moorestown High School
Third Place	Scott Schlackman, Upper Dublin High School
Honorable Mention	Suraj Samudrala, Holicong Middle School

Computer:

First Place	Samuel Wang, Germantown Academy
Second Place	Sanika Kothari, Parkland High School



Delaware Valley Science Fairs 2020

List of Winners

Thursday, May 7, 2020

72nd Delaware Valley Science Fair Grade 9

Earth & Space Sciences:

First Place	Parmesh Sivakumar, Methacton High School
Second Place	Holly Binkowski, Pope John Paul II High School
Third Place	Ethan Thomson, Owen J Roberts High School
Honorable Mention	Luke Olmstead, Upper Darby High School Brittany Zhang, Pennbrook Middle School

Engineering:

First Place	Vrishti Yadav, Pennbrook Middle School
Second Place	Emma Engle, Marine Academy of Technology & Environmental Science
Third Place	Claire Fader, Bishop Shanahan High School
Honorable Mention	Alaina Gassler, Avon Grove Charter School (upper) Varun Pandian, Parkland High School

Environmental:

First Place	Nina Feinberg, Central High School
Second Place	Malavika Menon, West Chester East High School
Third Place	Reva Gandhi, Parkland High School

Mathematics:

First Place	Alexander Robertson, Holicong Middle School
Second Place	Amanda Guan, High Technology High School
Third Place	Kashti Satish Umare, Downingtown STEM Academy

Medicine & Health:

First Place	Aishwarya Suresh, Parkland High School
Second Place	Diamante Daniel, Wissahickon High School
Third Place	Ty Walker, Woodstown High School
Honorable Mention	Katherine Elmer, Marine Academy of Technology & Environmental Scie Michael Alchaer, Moravian Academy



Delaware Valley Science Fairs 2020

List of Winners

Thursday, May 7, 2020

72nd Delaware Valley Science Fair Grade 9

Microbiology:

First Place	Mason Matich, Holicong Middle School
Second Place	Devyn Stek, Villa Maria Academy High School
Third Place	Elise Sperry, Woodstown High School
Honorable Mention	Daud Tariq, Parkland High School

Physics:

First Place	Dhaval Tantry, Holicong Middle School
Second Place	Katelyn Deal, Woodstown High School
Third Place	David Styer, Styer Homeschool
Honorable Mention	Wisdom Ufondu, Moravian Academy Homare Yamashita, Parkland High School

Zoology:

First Place	Tiffany Wong, Central High School
Second Place	Summer Sakowicz, Marine Academy of Technology & Environmental S
Third Place	Taehyuk Yang, Parkland High School
Honorable Mention	Erin Magee, Souderton Area High School Riva Kaneria, Parkland High School



Delaware Valley Science Fairs 2020

List of Winners

Thursday, May 7, 2020

72nd Delaware Valley Science Fair Grades 6 - 8

Aashish Cheruvu, Tamanend Middle School : Gold Medalist

Kaitlyn Culbert, Toms River Intermediate North : Silver Medalist

Samantha Faith Capili, Toms River Intermediate East : Bronze Medalist

Behavior & Social Sciences:

First Place	Samantha Faith Capili, Toms River Intermediate East
Second Place	Cassie Kempinski, Holicong Middle School
Third Place	Dylan Burke, Arcola Intermediate School
Honorable Mention	Bryan Wu, Indian Valley Middle School
	Sabrina Gambale, St. Jude School

Biochemistry:

First Place	Jake Frank, St. Aloysius Academy
Second Place	Daisy Maturo, Haddonfield Friends School
Third Place	Aidan Carlson , Elsinboro Township School
Honorable Mention	Shriya Patel, Toms River Intermediate North
	Jack Roarty, Immaculate Heart of Mary
	Arushi Patel, Manalapan-Englishtown Middle School
	Dylan Wen, Arcola Intermediate School

Botany:

First Place	Evan Cohen, St. Peter's School
Second Place	Kaitlyn Muller, Toms River Intermediate North
Third Place	William Whiting, Haddonfield Friends School
Honorable Mention	Blaise Foster, Haverford Middle School

Chemistry:

First Place	Julia Carroll, Immaculate Heart of Mary
Second Place	Maura Read, Ursuline Academy
Third Place	Sienna Boos, Lenape Middle School
Honorable Mention	Audrey Houghton, Newark Charter School
	Chloe Wnek, Toms River Intermediate South



Delaware Valley Science Fairs 2020

List of Winners

Thursday, May 7, 2020

72nd Delaware Valley Science Fair Grades 6 - 8

Computer:

First Place	Easton Dilks, Fernwood Avenue Middle School
Second Place	Nicholas Berchuk, Holicong Middle School
Third Place	Ava Ezzie, St. Andrew School - Drexel Hill
Honorable Mention	Joshua Rhine, Toms River Intermediate South

Earth & Space Sciences:

First Place	Ranjit Rajapakse, Holicong Middle School
Second Place	Malaika Bhullar, St. Mary Interparochial School
Third Place	Shelby Manlove, Sussex Academy
Honorable Mention	Carmella Werleman, Fernwood Avenue Middle School Leo Moore, Abington Junior High School Wyatt Nelson, Abington Junior High School

Engineering:

First Place	Emma Dunn, Holicong Middle School
Second Place	Alycea McBride, Carolyn McBride
Third Place	Noelle Klinger, Immaculate Heart of Mary
Honorable Mention	Kip Eron, Holicong Middle School

Environmental:

First Place	Kaitlyn Culbert, Toms River Intermediate North
Second Place	Jack Bergmann, Oldmans Township School
Third Place	Eliza Worrall, Lenape Middle School
Honorable Mention	Sameer Menghani, AMSA at Johnstone Gillian Lovett, Jordan Road Elementary School Peter Bauer, Immaculate Heart of Mary Eleni Murphy, St. Peter's School Owen Blamey, Arcola Intermediate School Kushagra Goel, Henry C Beck Middle School Genevieve Hagen, Sussex Academy Lily Hutt, Sussex Academy



Delaware Valley Science Fairs 2020

List of Winners

Thursday, May 7, 2020

72nd Delaware Valley Science Fair Grades 6 - 8

Mathematics:

First Place	Aashish Cheruvu, Tamanend Middle School
Second Place	Theo Miksa, Holicong Middle School
Third Place	Chris Zheng, McCall School
Honorable Mention	Justin Baum, Abington Junior High School Aliya Nagaria, Toms River Intermediate North Lucas Berg, French International School of Philadelphia

Medicine & Health:

First Place	Srilekha Mamidala, Garnet Valley Middle School
Second Place	Kyle Lockhead, Indian Valley Middle School
Third Place	Riana Dion , Holicong Middle School

Microbiology:

First Place	Sierra Sakaguchi, Oldmans Township School
Second Place	Griffin Blokker, Lenape Middle School
Third Place	Malo Alanio, French International School of Philadelphia
Honorable Mention	Katelyn Little, Pittsgrove Township Middle School

Physics:

First Place	Zoe Steinmetz, Philadelphia Academy Charter Grade School
Second Place	Dawn Ong, Ong Homeschool
Third Place	Kevin Conway, Conway Home School
Honorable Mention	Layla Mahani, Ursuline Academy Helen Talavera, Mannington Township School

Zoology:

First Place	Hailey Wood, St. Jude School
Second Place	Aubrey Edwards, Immaculate Heart of Mary
Third Place	Victoria Wilson, Milford Central Academy
Honorable Mention	Morgan Johnson, Elsinboro Township School Analise Myles, Galloway Township Middle School



Delaware Valley Science Fairs 2020

List of Winners

Thursday, May 7, 2020

72nd Delaware Valley Science Fair Grades 6 - 8

Team Projects:

First Place	Armaan Gupta, Rosa International Middle School Karina Gupta, Rosa International Middle School Gia Gupta, Rosa International Middle School
Second Place	Nathaniel Newport, William Allen Middle School Hannah Newport, William Allen Middle School
Third Place	Amanrai Kahlon, The Independence School Veer Pahwa, The Independence School
Honorable Mention	Darvin Pierre, The Philadelphia Charter School for The Arts & Sciences Zyaira Sanders, The Philadelphia Charter School for The Arts & Science Morgan Rodemann, Toms River Intermediate North Riley Budenas, Toms River Intermediate North Adrian Bolinas, Immaculate Heart of Mary Justin Flenner, Immaculate Heart of Mary Kaeden Fleming, Immaculate Heart of Mary Advait Wattal, William Allen Middle School Rafe Cultrara, William Allen Middle School Deven Butani, William Allen Middle School James Kennedy , Immaculate Heart of Mary Michael Gioia, Immaculate Heart of Mary

Consumer Science:

First Place	Ethan Steinmetz, Philadelphia Academy Charter Grade School
Second Place	Catherine Greenwald, Holicong Middle School
Third Place	Charlee Ahearn, Green Woods Charter School
Honorable Mention	Jaime Deal, Upper Pittsgrove School Elsa Thomas, Pennfield Middle School



Delaware Valley Science Fairs 2020

List of Winners

Thursday, May 7, 2020

72nd Delaware Valley Science Fair Grades 9 - 12

Addison Liu, Unionville High School : Teams Medalist

Richard Li, Unionville High School : Teams Medalist

Team Projects:

First Place	Richard Li, Unionville High School Addison Liu, Unionville High School
Second Place	Jesse Herdman, Charter School of Wilmington Jordyn Flaherty, Charter School of Wilmington
Third Place	Andrew Younes, Nazareth Area High School Samuel Rodrigues, Nazareth Area High School
Honorable Mention	Riya Chaturvedi , University of Pennsylvania Saarth Chaturvedi, University of Pennsylvania Vijay Ramu, University of Pennsylvania Patrick Carbone, Malvern Preparatory School James McCullough, Malvern Preparatory School Chenkai Mao, Malvern Preparatory School Brandon Vu, North Penn High School Yash Prabhu, North Penn High School Ummayh Siddiqua, Upper Darby High School Margaret Smith, Upper Darby High School Alexa Horvath, Central Bucks High School- East Claire Brodish, Central Bucks High School- East