



# Delaware Valley Science Fairs 2019

List of Winners

Thursday, April 4, 2019

## 71st Delaware Valley Science Fair Grade 12

Amanda Ahteck, Holmdel High School : Gold Medalist

Isha Mohapatra, Moravian Academy : Silver Medalist

Claudia Schreier, Marine Academy of Technology & Environmental Scien : Bronze Me

### **Behavior & Social Sciences:**

First Place	Stephen Fratamico, Malvern Preparatory School
Second Place	Sarah Quigley, Marine Academy of Technology & Environmental Scien
Third Place	Havyn Steele, Bangor Area High School
Honorable Mention	Amelia Shaddinger, Upper Dublin High School

### **Biochemistry:**

First Place	Helen Li, Central High School
Second Place	Sindhura Siddapureddy, Central Bucks High School- West
Third Place	Gillian Porter, Bishop Shanahan High School

### **Botany:**

First Place	Claudia Schreier, Marine Academy of Technology & Environmental Scie
Second Place	Annie Cao, Holmdel High School

### **Chemistry:**

First Place	Gabriel Wingert, Central Bucks High School- West
Second Place	Vedont Subramanian, Charter School of Wilmington
Third Place	Kate Killian, Marine Academy of Technology & Environmental Scien

### **Computer:**

First Place	Jack Kelly, The Marine Academy of Science and Technology (MAST
Second Place	Rauf Makharov, Lower Moreland High School
Third Place	Len Huang, Holmdel High School



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### Earth & Space Sciences:

First Place	Jay Holland, Lacey Township High School
Second Place	Mikolaj Ciszewski, Central High School
Third Place	Haotian Cao, Springside Chestnut Hill Academy

### Engineering:

First Place	Amanda Ahteck, Holmdel High School
Second Place	Hannah Xiao, Upper Dublin High School
Third Place	Leonora Krajewski, Toms River High School South

### Environmental:

First Place	Cassidy Pitts, Central Bucks High School- West
Second Place	Kate LaVallee, Marine Academy of Technology & Environmental Scien
Third Place	Riley Plosica, The Marine Academy of Science and Technology (MAST
Honorable Mention	Rachel Kromer, Bangor Area High School

### Mathematics:

First Place	Frank D'Agostino, Marine Academy of Technology & Environmental Sci
Second Place	Stefan Obradovic, Upper Dublin High School
Third Place	Baiting Zhu, Westtown School

### Medicine & Health:

First Place	Sabrina Antonucci, Central Bucks High School- East
Second Place	Adam Zhang, Methacton High School
Third Place	Sriyaa Suresh, Parkland High School
Honorable Mention	Jonathan Huang, The Episcopal Academy

### Microbiology:

First Place	Grace Enright , Central Bucks High School- West
Second Place	Abbie Chan, Marine Academy of Technology & Environmental Scien
Third Place	Isabel Smith, Bangor Area High School



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## **71st Delaware Valley Science Fair Grade 12**

### **Physics:**

First Place	Isha Mohapatra, Moravian Academy
Second Place	Elizabeth Berzin, Lower Moreland High School
Third Place	Matthew Billemeier, Central Bucks High School- West

### **Zoology:**

First Place	Seth Donnelley, Donnelley Homeschool
Second Place	Jessica Baggett, Bangor Area High School
Third Place	Paige Aldred, Owen J Roberts High School



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## 71st Delaware Valley Science Fair Grade 11

Neil Deshmukh, Moravian Academy : Gold Medalist

Zoe Frantz, Avon Grove High School : Silver Medalist

Caden Traversari, Springside Chestnut Hill Academy : Bronze Medalist

### Behavior & Social Sciences:

First Place	Zoe Frantz, Avon Grove High School
Second Place	Alexa Quindlen, Charter School of Wilmington
Third Place	Sunny Liang, High Technology High School
Honorable Mention	Charlie Larkin, Springside Chestnut Hill Academy
	Brandon Vu, North Penn High School
	Taja Mazaj, Perkiomen Valley High School

### Biochemistry:

First Place	Rhea Malhotra, Moravian Academy
Second Place	Sophia Shah, Charter School of Wilmington
Third Place	Rebecca Mastrola, Marine Academy of Technology & Environmental Sci
Honorable Mention	Cameron Jengo, Biotechnology High School

### Botany:

First Place	Claudia Zhang, Holmdel High School
Second Place	Isabella Onofrietti, Toms River Intermediate North
Third Place	Joey Chan, Central High School
Honorable Mention	Kathryn Zhang, Charter School of Wilmington

### Chemistry:

First Place	Janice Chen, Central Bucks High School- East
Second Place	Erin Murphey, Marine Academy of Technology & Environmental Scien
Third Place	Victoria Deng, Charter School of Wilmington
Honorable Mention	Krishna Dihora, Southern Lehigh High School
	Kevin Liao, Unionville High School



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## 71st Delaware Valley Science Fair Grade 11

### Computer:

First Place	Neil Deshmukh, Moravian Academy
Second Place	Aviel Resnick, Lower Moreland High School
Third Place	Rohit Chatterjee, Conestoga High School
Honorable Mention	Stefania Schoen, Emmaus High School
	Connor Bramhall, Charter School of Wilmington
	Nickolas Casalnuovo, CCTEC
	Sofiya Lysenko, Abington Junior High School

### Earth & Space Sciences:

First Place	Ashmitha Sivakumar, Methacton High School
Second Place	Emma Riley, Marine Academy of Technology & Environmental Scien
Third Place	Christopher Dwyer, Upper Darby High School
Honorable Mention	Lyla Nachimson, Upper Darby High School
	Matthew Curry, Central Bucks High School- East

### Engineering:

First Place	Nathan Nazareth, Central Bucks High School- West
Second Place	Punya Bhasin, Parkland High School
Third Place	Cecilia Quirk, Academy of Notre Dame de Namur
Honorable Mention	Christophoros Kontomaris, Charter School of Wilmington
	Christopher Gerhart, Souderton Area High School
	Harper Chisari, Parkland High School

### Environmental:

First Place	Saikrishna Manojkumar, Central Bucks High School- West
Second Place	Ryan Crawl, Charter School of Wilmington
Third Place	Philip Raine, Friends Select School
Honorable Mention	Shreya Patil, Methacton High School



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## 71st Delaware Valley Science Fair Grade 11

### Mathematics:

First Place	Francis Peng, Central Bucks High School- West
Second Place	Pranav Garimidi, Conestoga High School
Third Place	Oliver Berman, Upper Dublin High School
Honorable Mention	Nate Polidoro, Upper Darby High School Xinyan Deng, The Madeira School

### Medicine & Health:

First Place	Claire Tse, Methacton High School
Second Place	Ariel Baiano, Marine Academy of Technology & Environmental Scien
Third Place	Erica Yasharpour, Biotechnology High School
Honorable Mention	Karen Li, Methacton High School

### Microbiology:

First Place	Caden Traversari, Springside Chestnut Hill Academy
Second Place	Kush Chaudhari, Biotechnology High School
Third Place	Alec Maraska, Central Bucks High School- West
Honorable Mention	Shreya Gupta, Biotechnology High School Madison Charnigo, Central Bucks High School- East

### Physics:

First Place	Arielle Touitou, Marine Academy of Technology & Environmental Scien
Second Place	Rushil Duggal, Charter School of Wilmington
Third Place	Haley Korwan, Marine Academy of Technology & Environmental Scien
Honorable Mention	Anderson Rodriguez, Mariana Bracetti Academy Ayush Upadhyay, Biotechnology High School

### Zoology:

First Place	Sylvia Cho, Central High School
Second Place	Tyler Polon, The Marine Academy of Science and Technology (MAST)
Third Place	Sophi Schneider, Upper Dublin High School
Honorable Mention	Riley Farbstein, Springside Chestnut Hill Academy Sophia Kamien, Springside Chestnut Hill Academy



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## 71st Delaware Valley Science Fair Grade 10

Prathysha Kothare, Parkland High School : Gold Medalist

Carter Gassler, Avon Grove Charter School (lower) : Silver Medalist

Carolyn Almonte, Youth Achievers Committee : Bronze Medalist

### Behavior & Social Sciences:

First Place	Bill Zhang, Holmdel High School
Second Place	Grace Pluemacher, Marine Academy of Technology & Environmental Sc
Third Place	Snehal Gupta, Parkland High School
Honorable Mention	Stephen Padlo, Woodstown High School
	Pandora Schoen, Emmaus High School
	Kush Soni, Burlington Township High School

### Biochemistry:

First Place	Abhay Rao, High Technology High School
Second Place	Tanya Mehta, Parkland High School
Third Place	Sarah Young, Methacton High School
Honorable Mention	Purva Gupta, Parkland High School

### Botany:

First Place	Arsh Singhal, High Technology High School
Second Place	Katelyn Schuchardt, Souderton Area High School
Third Place	Julia Wepler, Marine Academy of Technology & Environmental Scien

### Chemistry:

First Place	Hyunjin Lee, Conestoga High School
Second Place	Benjamin Lin, Holmdel High School
Third Place	Mustapha Salau, Parkland High School
Honorable Mention	Prem Modi, Central High School
	Caitlin O'Brien, Emmaus High School



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## 71st Delaware Valley Science Fair Grade 10

### Computer:

First Place	Arya Tschand, High Technology High School
Second Place	Kevin Cui, Germantown Academy
Third Place	Rohan Mehta, Souderton Area High School

### Earth & Space Sciences:

First Place	Taran Anantasagar, Parkland High School
Second Place	Madison Surette, Marine Academy of Technology & Environmental Science
Third Place	Maab Taha, Central High School
Honorable Mention	Ethan Kerr, Marine Academy of Technology & Environmental Science

### Engineering:

First Place	Carter Gassler, Avon Grove Charter School (lower)
Second Place	Dharshan Tharumia, Parkland High School
Third Place	Jacob Donnini, Woodstown High School
Honorable Mention	Sophia Grace Capili, Marine Academy of Technology & Environmental Science Dennis Koh, Conestoga High School

### Environmental:

First Place	Anna Zhou, Upper Dublin High School
Second Place	Lillian Miller, Perkiomen Valley High School
Third Place	Charlotte Selover, Middle Township High School

### Mathematics:

First Place	Minseo Oh, Central Bucks High School- West
Second Place	Oluwadamilare Olaniyi, Carver High School of Engineering and Science
Third Place	Jeffrey Gong, Methacton High School
Honorable Mention	Joan Lodge, Woodstown High School Neha Skandan, Moravian Academy Baoyer Li, The Haverford School





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## 71st Delaware Valley Science Fair Grade 10

### Medicine & Health:

First Place	Prathysha Kothare, Parkland High School
Second Place	Sophia Briseno, Woodstown High School
Third Place	Griffin Smith, Central Bucks High School- West
Honorable Mention	Witt Phillips, Unionville High School

### Microbiology:

First Place	Lana Van Note, Marine Academy of Technology & Environmental Scien
Second Place	Emily Downs, Marine Academy of Technology & Environmental Scien
Third Place	Rachel Li, Parkland High School
Honorable Mention	Gianna Fiduccia, Villa Joseph Marie High School

### Physics:

First Place	Eric Zhong, Upper Dublin High School
Second Place	Oreoluwa Alao, High Technology High School
Third Place	Ankhitha Manjunatha, Parkland High School
Honorable Mention	Khushi Sabuwala, High Technology High School

### Zoology:

First Place	Carolyn Almonte, Youth Achievers Committee
Second Place	Mackenzie Fries, Marine Academy of Technology & Environmental Scie
Third Place	Samantha Glover, Marine Academy of Technology & Environmental Sci



# Delaware Valley Science Fairs 2019

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## 71st Delaware Valley Science Fair Grade 9

Flavien Moise, Council Rock High School- North : Gold Medalist

Maria Karakousis, Masterman School : Silver Medalist

Matthew Sparling, Penncrest High School : Bronze Medalist

### Behavior & Social Sciences:

First Place Joshua Schindler, Avon Grove High School  
Second Place Anna Fattizzo, Upper Darby High School  
Third Place Cameron Morgan, Woodstown High School

### Biochemistry:

First Place Maya Butani, Moorestown High School  
Second Place Gwen Ericson, Marine Academy of Technology & Environmental Scien  
Third Place Shayl Chetty, Conestoga High School  
Honorable Mention Gary Yu, Cherry Hill High School East  
Katie Burke, Council Rock High School- South  
Jason Chang, Upper Dublin High School

### Botany:

First Place Christine Mathew, Northeast High School  
Second Place Annetta Yuwono, Masterman School  
Third Place Devesh Bungatavula, Souderton Area High School  
Honorable Mention Hannah McCann, Salem County Vocational Technical School

### Chemistry:

First Place Dylan Kuang, Methacton High School  
Second Place Charlotte Qi, Upper Dublin High School  
Third Place Jack Ringenbach, Bishop Shanahan High School  
Honorable Mention Emily Marshall, Upper Dublin High School



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## 71st Delaware Valley Science Fair Grade 9

### Computer:

First Place	Uma Purani, Parkland High School
Second Place	Eeshwar Krishnan, PA Leadership Charter School
Third Place	Carter Hancock, Souderton Area High School
Honorable Mention	Lalitha Loka, Parkland High School

### Earth & Space Sciences:

First Place	Matthew Sparling, Penncrest High School
Second Place	Jenna Yocco, Upper Darby High School
Third Place	Elena Tawa, Holicong Middle School
Honorable Mention	Manas Date, Germantown Academy Shayne Ventura, Haddonfield Memorial High School

### Engineering:

First Place	Leo Wylonis, Conestoga High School
Second Place	Mikail Jaffer, Moravian Academy
Third Place	Victor Cai, Parkland High School
Honorable Mention	Zach Finley, Upper Darby High School

### Environmental:

First Place	Maria Karakousis, Masterman School
Second Place	Samit Mohapatra, Moravian Academy
Third Place	Molly Doppler, Sussex Technical High School
Honorable Mention	Abigail McFarland, Pennsville High School Lea Wang, Council Rock High School- South

### Mathematics:

First Place	Sheikh Mahmud, Egg Harbor Township High School
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## 71st Delaware Valley Science Fair Grade 9

### Medicine & Health:

First Place	Flavien Moise, Council Rock High School- North
Second Place	Chirag Choudhary, Unionville High School
Third Place	Olivia Takla, Marine Academy of Technology & Environmental Scien
Honorable Mention	Cathleen Fisher, Bishop Shanahan High School

### Microbiology:

First Place	Norah Alavi, Upper Dublin High School
Second Place	Isabel Portner, Masterman School
Third Place	Peter Liu, Upper Dublin High School
Honorable Mention	Danielle Murat, Marine Academy of Technology & Environmental Scien Shivani Kumar, Council Rock High School- South

### Physics:

First Place	Abigayle Heathwaite, Woodstown High School
Second Place	Allison Courtenay, Upper Dublin High School
Third Place	Aditi Maheshwari, Parkland High School

### Zoology:

First Place	Shealyn Lawless, Marine Academy of Technology & Environmental Scie
Second Place	Bridget Magee, Souderton Area High School
Third Place	Vaishnavi Joshi, Parkland High School
Honorable Mention	Keira Trout, Perkiomen Valley High School



# Delaware Valley Science Fairs 2019

List of Winners

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## 71st Delaware Valley Science Fair Grades 6 - 8

Rachel Bergey, Classical Conversations of Souderton : Gold Medalist

Alaina Gassler, Avon Grove Charter School (lower) : Silver Medalist

Reva Gandhi, Springhouse Middle School : Bronze Medalist

### Behavior & Social Sciences:

First Place	Kanchan Gupta, Moravian Academy Middle School
Second Place	Varoon Joshi, Patton Middle School
Third Place	Julia Trumbo, Lenape Middle School
Honorable Mention	Brighton Risch, Great Valley Middle School Sophia Ortiz, McCall School

### Biochemistry:

First Place	Anirudh Akula, Penndale Middle School
Second Place	Marcus Smith, Indian Valley Middle School
Third Place	Max Lin, Newtown Middle School
Honorable Mention	Alessandra Fusaro, St. Mary Interparochial School Aishwarya Suresh, Springhouse Middle School Julia Carroll, Immaculate Heart Of Mary Lily Ferriola, Alder Avenue Middle School

### Botany:

First Place	Nathan Fickert, Indian Crest Middle School
Second Place	Sydney Herr, Classical Conversations of Souderton
Third Place	Klement Swartz, Tamanend Middle School
Honorable Mention	Brianna Reino, Villa Maria Academy Lower School Zacc Rittman, Owen J Roberts Middle School Mujtaba Jaffer, Springhouse Middle School Carter Philo, Lenape Middle School



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## 71st Delaware Valley Science Fair Grades 6 - 8

### Chemistry:

First Place	Siddhant Khandelwal, Springhouse Middle School
Second Place	Andrew Zhang, Arcola Intermediate School
Third Place	Ella Miller, Newark Charter School
Honorable Mention	Raya Perate, St. Andrew School
	Lindsay McBride, Academy of Notre Dame de Namur
	Riya Verma, Springhouse Middle School

### Computer:

First Place	Amin Boukari, Postlethwait Middle School
Second Place	Rohan Mehta, Moravian Academy Middle School
Third Place	Timmy Woodward, Wyndcroft School
Honorable Mention	Alyssa DeSantis, Wyndcroft School
	Sean Blizard, Holicong Middle School
	Saachi Chakravarty, Owen J Roberts Middle School

### Earth & Space Sciences:

First Place	Brooke Cano, Owen J Roberts Middle School
Second Place	Alycea McBride, McBride Homeschool
Third Place	Luke Stokes, St. Maximillian Kolbe School
Honorable Mention	Shashwat Sharma, Springhouse Middle School
	Athena Emnace, Toms River Intermediate North
	Holly Binkowski, Holy Cross Regional Catholic School

### Engineering:

First Place	Alaina Gassler, Avon Grove Charter School (lower)
Second Place	Joshua Vallabhaneni, Patton Middle School
Third Place	Vrishti Yadav, Pennbrook Middle School
Honorable Mention	Ian Lee, The Episcopal Academy
	Julianna Cobin, Oldmans Township
	Varun Pandian, Springhouse Middle School



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## 71st Delaware Valley Science Fair Grades 6 - 8

### **Environmental:**

First Place	Reva Gandhi, Springhouse Middle School
Second Place	Anya Dunn, Pope John Paul II Elementary School
Third Place	Maxime Guillot, Meredith School
Honorable Mention	Chester Kempinski, Holicong Middle School Jessica Carlini, Holy Cross Regional Catholic School

### **Mathematics:**

First Place	Leah Kirkpatrick, Classical Conversations of Souderton
Second Place	Anna Laible, Classical Conversations of Souderton
Third Place	Samuel Blick, Newtown Middle School
Honorable Mention	Jack Atwood, Alder Avenue Middle School Charley Wan, Holicong Middle School

### **Medicine & Health:**

First Place	Marissa Almonte, Youth Achievers Committee
Second Place	Vishruth Hanumaihgari, Springhouse Middle School
Third Place	Anand Shah, Patton Middle School
Honorable Mention	Clare Rajapakse, Cedarbrook Middle School Daryl Fernandez, Oldmans Township Ally Cenci, Holicong Middle School

### **Microbiology:**

First Place	Isha P. Kanchana, Newark Charter School
Second Place	Devyn Stek, St Teresa of Calcutta
Third Place	Lilian Raccuia, Toms River Intermediate East
Honorable Mention	Lucy Wang, Arcola Intermediate School Vivianna Onofrietti, Toms River Intermediate North



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## 71st Delaware Valley Science Fair Grades 6 - 8

### Physics:

First Place	Adwaith Hariharan, Manalapan-Englishtown Middle School
Second Place	Nathaniel Schwenker, Newtown Middle School
Third Place	Jerrod Harris, Orefield Middle School
Honorable Mention	Michael Ciarmoli, St. Aloysius Academy Mason Matich, Holicong Middle School Homare Yamashita, Springhouse Middle School

### Zoology:

First Place	Rachel Bergey, Classical Conversations of Souderton
Second Place	Logan Soltys, Galloway Township Middle School
Third Place	Ethan Lin, Alder Avenue Middle School
Honorable Mention	Shea Maxwell, St. Jude School Sarah Pangare, Springhouse Middle School

### Team Projects:

First Place	Rohan Kapoor, Patton Middle School Arjun Suryawanshi, Patton Middle School
Second Place	Advait Wattal, Moorestown Upper Elementary School Rafe Cultrara, Moorestown Upper Elementary School
Third Place	Deven Chakrabarti, William Allen Middle School Vaughn Cultrara, William Allen Middle School
Honorable Mention	Kelsey Blackshire, St. Andrew School Catharine DeGraw, St. Andrew School Madeline Ashby, Arts Academy Charter Middle School Vrindavani Cannavino, Arts Academy Charter Middle School

### Consumer Science:

First Place	Brandon Trainor, Marsh Creek Sixth Grade Center
Second Place	Justin Orlando, Toms River Intermediate North
Third Place	Dylan Thomas, Jefferson School
Honorable Mention	Audrey E. Frazier, Ursuline Academy Isaac Perkins, Abington Junior High School





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## 71st Delaware Valley Science Fair Grades 9 - 12

Saarth Chaturvedi, Eastern High School : Teams Medalist  
Riya Chaturvedi, Eastern High School : Teams Medalist  
Vijay Ramu, Eastern High School : Teams Medalist

### Team Projects:

First Place	Saarth Chaturvedi, Eastern High School Riya Chaturvedi, Eastern High School Vijay Ramu, Eastern High School
Second Place	Harsha Santhanam, Methacton High School Jason Qiu, Methacton High School
Third Place	Elizabeth Piatkowski, Marine Academy of Technology & Environmental Julia Kuzan, Marine Academy of Technology & Environmental Scien
Honorable Mention	Run Jia Pan, Central Bucks High School- West Giulia Pascucci, Central Bucks High School- West Dia Lee, Carver High School of Engineering and Science Alonzo Lawrence, Carver High School of Engineering and Science Frances Yu, Central High School Angel Zhang, Central High School