

**Nokia Bell Labs**  
**North Jersey Regional Science Fair**  
**Awards List 2017**

*Do Not Release prior to 9:00 p.m. Saturday, March 11, 2017*

The Nokia Bell Labs NJRSF presents several types of awards, including ones that span the entire fair, awards within each category, and special awards in specific areas of work. The projects in the fair are separated into a number of categories, and labeled with project numbers that identify the respective categories: Animal Sciences (AN) , Behavioral Science (BS) , Bioinformatics (BF) , Biomedical Engineering (BE) , Biomedical Science (BI) , Cancer Research (CR) , Chemistry and Material Science (CM) , Engineering (EN) , Environmental Science (EV) , Math & Computer Science (MC) , Microbiology (MB) , Physics & Astronomy (PH) and Plant Sciences (PS). These project numbers are used throughout this list to identify the projects.

## Overall Fair Awards

### ISEF Trip Awards

Five projects, including up to one team, receive expense-paid trips to attend ISEF, in Los Angeles, CA for 2017. Their advisors will accompany them.

ISEF Trip Award

A trip to ISEF for student and advisor.

AN.07	Catherine Chen	Somerset County Vocational & Technical High School	<i>The Effects of Heart-Specific Downregulation of Histone Deacetylase, Rpd3, on Longevity</i>
BF.01	Jiwoo Lee	Academy for Medical Science Technology	<i>Biostatistical Analysis of Huntingtons Disease Mutation Frequency and Repeat Instability</i>
BI.04	Clairisse Whang	Academy for Medical Science Technology	<i>Effect of Oleic Acid on Intracellular Calcium Through Liposome Accumulation</i>
CR.03	John Lozada	Bergen County Academies	<i>Exploiting Migration and Metabolism: A Novel Approach to Metastatic Cancers</i>
MC.08	Neelay N. Trivedi	Watchung Hills Regional High School	<i>Predicting Lung Cancer Onset Using Segmentation and Classification</i>
			ISEF Trip Award, 1st Alternate Alternate for the trip to ISEF.
CR.10	Varun Kumar	Bergen County Academies	<i>Battling EMT Driven Chemo-resistance in Glioblastoma</i>
			ISEF Trip Award, 2nd Alternate Second alternate for the ISEF trip award.
MB.01	Isabella Impalli	Bergen County Academies	<i>Applications and Mechanism of RNAIII Inhibiting Peptide on Staphylococcal Biofilms</i>

## ISEF Trip Symposium Finalists

Twelve projects are chosen as finalists for the ISEF trips. These 12 students or teams participate in a symposium where they present their work, in short talks, to the other students and advisors. The session is open to the public.

ISEF Symposium Finalist, Jr. Div.  
Participation in the finalist symposium.

BE.09	James Jose Yim	Montgomery High School
	<i>Mind Controlled Prosthetics: An Extremely Affordable Robotic Transhumeral Prosthetic Arm</i>	
BF.02	Bertina Kudrin	Bergen County Academies
	<i>Exploring the Extended Parallel Processing Model Among Stroke Survivors</i>	
BS.07	Pia Tolentino	Woodbridge High School
	<i>Quantifying the Behavioral Effects of Synthetic Versus Natural Dyes in <i>Danio Rerio</i></i>	
CR.10	Varun Kumar	Bergen County Academies
	<i>Battling EMT Driven Chemo-resistance in Glioblastoma</i>	
MC.08	Neelay N. Trivedi	Watchung Hills Regional High School
	<i>Predicting Lung Cancer Onset Using Segmentation and Classification</i>	
PS.07	Celine Aliko Danny Jeong	Pascack Hills High School
	<i>The Effect of <i>Bacillus subtilis</i> (soil bacterium) on Cover Crop Resistance to Abiotic Factors</i>	
	ISEF Symposium Finalist Participation in the finalist symposium.	
AN.02	Zachary Elshaer	Millburn H.S.
	<i>Variation in Response to Dermo Disease Among Selectively Bred Oyster Families</i>	
AN.07	Catherine Chen	Somerset County Vocational & Technical High School
	<i>The Effects of Heart-Specific Downregulation of Histone Deacetylase, <i>Rpd3</i>, on Longevity</i>	
BF.01	Jiwoo Lee	Academy for Medical Science Technology
	<i>Biostatistical Analysis of Huntingtons Disease Mutation Frequency and Repeat Instability</i>	
BI.04	Clairisse Whang	Academy for Medical Science Technology
	<i>Effect of Oleic Acid on Intracellular Calcium Through Liposome Accumulation</i>	
CR.03	John Lozada	Bergen County Academies
	<i>Exploiting Migration and Metabolism: A Novel Approach to Metastatic Cancers</i>	
MB.01	Isabella Impalli	Bergen County Academies
	<i>Applications and Mechanism of RNAIII Inhibiting Peptide on Staphylococcal Biofilms</i>	

## Karen Kranz Memorial Award

This award honors students who work independently, in school or at home, without substantive or formal technical assistance from professional scientists or scientific organizations. Funded by the Karen Kranz Memorial Fund.

Karen Kranz Memorial Award  
\$250 cash award

MC.07	Emily Press	Tenafly High School
	<i>Java as an Analytical Software: Developing a More Accurate Semen Analysis</i>	
MC.10	Julia Shneidman	Bergen County Academies
	<i>Observation of Fibonacci Numbers and Golden Ratio in Electric Chains</i>	
	Karen Kranz Memorial Award Honorable Mention \$100 cash award	

## ISWEEEP Sustainable World Awards

I-SWEEEP awards two projects in energy, engineering or environmental science which display outstanding work on the theme of environmental sustainability and innovation. This award includes an opportunity to compete at the ISWEEEP competition in Houston, TX, sponsored by Harmony Public Schools.

ISWEEEP Sustainable World Award  
Award certificate and an opportunity for further competition

EV.05	Katelyn Desautels Simon Castiel	Pascack Hills High School
	<i>The Impact of Extremely Low Frequency Radiation (ELF) on Ecosystem Models</i>	
PS.07	Celine Aliko Danny Jeong	Pascack Hills High School
	<i>The Effect of Bacillus subtilis (soil bacterium) on Cover Crop Resistance to Abiotic Factors</i>	

## Partners in Science Awards

Two 11th grade students will be invited to participate in the Partners in Science Program run by Liberty Science Center. The program pairs students with mentors in science, health, and technical fields and challenges them to participate in ongoing research and independent projects. One award is contributed by the Center, and the other is supported by NJRSF funding.

Partners in Science  
Participation in the Partners in Science Program

CM.10	Priyanka Dilip	Montgomery High School
	<i>Fabricating Organic Field-Effect Transistors using Graphene Electrodes, Rubrene Semiconductor</i>	
CR.04	Gene K Lee	Academy for Medical Science Technology
	<i>Squeezing the Envelope: a Method to Target Metastases</i>	
	Partners in Science First Alternate Alternate for Partners in Science Program	
MC.08	Neelay N. Trivedi	Watchung Hills Regional High School
	<i>Predicting Lung Cancer Onset Using Segmentation and Classification</i>	
	Partners in Science Second Alternate Alternate for Partners in Science Program	

AN.07 Catherine Chen Somerset County Vocational & Technical High School  
*The Effects of Heart-Specific Downregulation of Histone Deacetylase, Rpd3, on Longevity*

## NJIT Academic Fellowship

NJIT sponsors two 4-year academic fellowships for \$1,000 per year, awarded to outstanding 11th grade projects in engineering, math, physics, or chemistry. Conditional on normal admission procedures. This fellowship will be granted in addition to any other merit-based aid the student may have qualified for.

NJIT Academic Fellowship  
4-year fellowship at NJIT, \$1000/yr

CM.08 Sammantha Sypniewski Woodbridge High School  
*Climatic Packaging Modifications Utilizing Desiccants to Improve Diabetic Strip Accuracy*

EN.07 Sergio Dias Colonia High School  
*Thermochromic Dynamic Camouflage System*  
NJIT Academic Fellowship  
First Alternate  
Alternate for 4-year fellowship at NJIT

EN.09 Justin Wong Tenafly High School  
*Fill Density Impact on Mechanical Properties of Parts Fabricated in PLA with an Open-Source Printer*  
NJIT Academic Fellowship  
Second Alternate  
Alternate for 4-year fellowship at NJIT

BE.04 James Meiman Bergen County Academies  
*Spring in Your Step: Elastically-assisted Leg Extension Knee Brace*  
NJIT Academic Fellowship  
Third Alternate  
Alternate for 4-year fellowship at NJIT

BE.03 Joshua Yoon Bergen County Academies  
*Thrombosis Prevention Apparatus*  
NJIT Academic Fellowship  
Fourth Alternate  
Alternate for 4-year fellowship at NJIT

CM.03 Matthew Scala Colonia High School  
*Explaining the Mpemba Effect: The Role of Gas Saturation.*

## NJIT Summer Academy

NJIT offers scholarships to the NJIT Summer Academy for two sophomores or juniors, where participants can take up to eight credits of college coursework that can be applied toward an undergraduate degree.

NJIT Summer Research Academy  
Participation in NJIT Summer Academy

BF.02	Bertina Kudrin	Bergen County Academies
	<i>Exploring the Extended Parallel Processing Model Among Stroke Survivors</i>	
BI.01	Kenneth Stier	Academy for Medical Science Technology
	<i>Mechanism for Gluten-Triggered Contact Dermatitis</i>	
	NJIT Summer Research Academy First Alternate	
	Alternate for participation in NJIT Summer Academy	
EV.11	Eeshan Tripathii	The Dalton School
	<i>Managing IAQ in Child Breathing Zone: Risk Simulation and Mitigation</i>	
	NJIT Summer Research Academy Second Alternate	
	Alternate for participation in NJIT Summer Academy.	
PH.01	Sharmi Shah	Colonia High School
	<i>Fast Fourier Transform Analysis of Reflected Laser Signal Disruption</i>	

## New Jersey Water Environment Award

The New Jersey Water Environment Association, Central Section, offers an award plus automatic entry in the statewide NJWEA competition that leads to the Stockholm Junior Water Prize Competition. This award is given to the most outstanding project addressing water quality, pollution, or conservation.

New Jersey Water Environment Award  
\$500 cash award and a chance for further competition

EV.02	Nishita Sinha	Chatham H.S.
	<i>Experimental Studies in Developing Safe Sanitation Solutions</i>	

## Category Awards

First Place

A \$125 cash award, certificate, and ribbon

AN.02	Zachary Elshaer	Millburn H.S.
AN.07	Catherine Chen	Somerset County Vocational & Technical High School
BE.09	James Jose Yim	Montgomery High School
BF.01	Jiwoo Lee	Academy for Medical Science Technology
BF.02	Bertina Kudrin	Bergen County Academies
BI.02	Julia Victoria Parsley	Academy for Medical Science Technology
BI.04	Clairisse Whang	Academy for Medical Science Technology
BS.07	Pia Tolentino	Woodbridge High School

BS.08	Malik Aaron George Miles Avery George	Woodbridge High School
CM.10	Priyanka Dilip	Montgomery High School
CR.03	John Lozada	Bergen County Academies
CR.10	Varun Kumar	Bergen County Academies
EN.09	Justin Wong	Tenaflly High School
EV.11	Eeshan Tripathii	The Dalton School
MB.01	Isabella Impalli	Bergen County Academies
MC.01	Sowmya Patapati Amulya Balakrishnan Amira Arora	Academy for Medical Science Technology
MC.08	Neelay N. Trivedi	Watchung Hills Regional High School
PS.07	Celine Aliko Danny Jeong	Pascack Hills High School

Second Place

A \$75 cash award, certificate, and ribbon

AN.01	Gianna Isabella Fantell	Colonia High School
BE.05	Robert Jason Galas	Bergen County Academies
BI.01	Kenneth Stier	Academy for Medical Science Technology
BS.05	Maya Shivani Reddy Harika Vasireddy	Pascack Hills High School
BS.13	Nicholas H Cohen	Tenaflly High School
CM.07	Ahri Han	Tenaflly High School
CR.06	Enoch Jiang	Bergen County Academies
EN.07	Sergio Dias	Colonia High School
EN.08	Jack Henry Hyslop	Tenaflly High School
EV.04	Kim Boerrigter	Malcolm X Shabazz High School
EV.13	Jade Greenberg Daniela Saljanin	Pascack Hills High School
MB.04	Rebecca Volkov Natalia Murillo	Pascack Hills High School
PH.05	Daniel Lee	Watchung Hills Regional High School
PS.04	Jordyn Pagnozzi	Colonia High School

Third Place

A \$25 cash award, certificate, and ribbon

AN.08	Un Bi Kim	Tenaflly High School
BE.03	Joshua Yoon	Bergen County Academies
BF.04	Felicia Guo	Chatham H.S.
BI.09	Lauren Kim	Tenaflly High School
CM.17	Juhyun Lee	Bergen County Academies

CR.04	Gene K Lee	Academy for Medical Science Technology
EN.04	Samuel Jacob Rong	Bergen County Academies
EV.09	Katherine N. Sung	Tenaflly High School
MB.06	Zemei (Emma) Zhou	Tenaflly High School
MC.05	Sruthi Kunamneni	South Brunswick High School

Honorable Mention  
Certificate and ribbon

BE.06	Michelle Cheng Caitlin Nielsen	Pascack Hills High School
BF.07	Kaitlyn Ann Espiritu	Tenaflly High School
BI.07	Caleb Shi	Bergen County Academies
BS.12	Elise De Biasio	Pascack Valley High School
CM.01	Brandon Wong	Bergen County Academies
CM.12	June Won Jang	Fort Lee High School
CM.14	Edward Bergman	Millburn H.S.
CR.07	Julie Karam	Bergen County Academies
EN.01	Greg Volynsky	Academy of Science and Technology
EN.11	Joseph Shepard Manuel Gallego	Summit High School
EV.03	Elisa Anne Falanga Karoline Emily Menze	Pascack Hills High School
EV.05	Katelyn Desautels Simon Castiel	Pascack Hills High School
MC.04	Sam Forman	Columbia High School
MC.10	Julia Shneidman	Bergen County Academies
PH.02	Christopher Kelsner Vincent Kinget	Summit High School

## Special Awards

## Air Force Awards

Air Force Research Laboratory recognizes 4 projects in the areas of math, science and engineering that conduct research in areas of interest to the Air Force.

Air Force Award

Certificate of achievement and gifts provided by Air Force.

BE.09	James Jose Yim	Montgomery High School
EN.08	Jack Henry Hyslop	Tenaflly High School
EN.10	Shiv Rathod Ankit Yande	Colonia High School
PH.04	Noah Vardy	Tenaflly High School

## ASU Walton Sustainability Awards

The Arizona State University, Walton Sustainability Solutions Initiative awards four projects that develop solutions to global sustainability challenges. Their research should be directed at solving a complex problem that involves social justice or environmental and economic prosperity.

ASU Walton Sustainability Award

Certificate and nomination for the grand prize, a trip to the Sustainability Solutions Festival

AN.02	Zachary Elshaer	Millburn H.S.
CM.09	Brandon Gomes Brandon Johnston	Summit High School
EV.01	James Lepone	Bergen County Academies
EV.02	Nishita Sinha	Chatham H.S.

## Biophysics Award

The Biophysical Society sponsors an award for the best biophysics-related project. The winner will be recognized in upcoming Society publications.

Biophysics Award

\$100 cash award and a certificate

AN.01	Gianna Isabella Fantell	Colonia High School
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## Cancer Research Awards

The American Association for Cancer Research sponsors awards for projects that are directed at improving our understanding of cancer or the implementation of cancer treatment techniques.

Cancer Research Award, First Place

\$150 VISA gift card, plus other awards

CR.04	Gene K Lee	Academy for Medical Science Technology
	Cancer Research Award, Second Place	
	\$75 VISA gift card, plus other awards	
CR.08	Min Ji Hong	River Dell Regional High School
	Cancer Research Award, Third Place	
	\$50 VISA gift card, plus other awards	
CR.10	Varun Kumar	Bergen County Academies



## Chemistry Awards

The North Jersey Section of the American Chemical Society sponsors awards for projects which display excellence in the application of chemistry to solve a problem.

Chemistry Special Award

First Place

\$250 cash award

CM.10 Priyanka Dilip Montgomery High School

Chemistry Special Award

Second Place

\$150 cash award

CM.06 Adam Geffner Livingston High School

Chemistry Special Award

Third Place

\$100 cash award

CM.07 Ahri Han Tenafly High School

## Computing Awards

The Association for Computing Machinery sponsors awards for projects advancing the fields of computer science and computer engineering. All winners receive a 1-year student membership to the ACM.

Computing Awards First Place

\$100 cash award

MC.08 Neelay N. Trivedi Watchung Hills Regional High School

Computing Awards Second Place

\$75 cash award

MC.04 Sam Forman Columbia High School

Computing Awards Third Place

\$50 cash award

MC.01 Sowmya Patapati  
Amulya Balakrishnan Academy for Medical Science Technology

Amira Arora

Computing Awards Honorable Mention

Certificate of Achievement

BF.04 Felicia Guo Chatham H.S.

MC.10 Julia Shneidman Bergen County Academies

## **David S. Young Memorial Award**

In honor of his father, Keith Young sponsors an award to recognize excellence in the area of physics and/or electrical engineering.

David S. Young Memorial Award  
\$225 cash award

EN.08 Jack Henry Hyslop Tenafly High School

## **Field Research Awards**

Supported by James Danch, this award (\$50) recognizes 2 projects in biology, ecology or environmental science utilizing data collected in the field rather than in a laboratory.

Field Research Award  
\$50 cash award

PS.04 Jordyn Pagnozzi Colonia High School

## **Geoscience Awards**

The Association for Women Geoscientists awards two female students (or a team including a female student) whose projects demonstrate excellence in increasing the public awareness of the geosciences, illustrating the interdisciplinary nature of the geosciences, or promoting the sensitivity to the Earth as a global system.

Geoscience Award  
Certificate of achievement

EV.05 Katelyn Desautels Pascack Hills High School  
Simon Castiel

EV.09 Katherine N. Sung Tenafly High School

## **Human Genetics Awards**

The Human Genetics Institute of New Jersey, Rutgers University sponsors a pair of awards for outstanding projects with relevance and insight to the study of genetics.

Human Genetics Award, First Place  
\$200 cash and a certificate

AN.07 Catherine Chen Somerset County Vocational & Technical  
High School

Human Genetics Award, Second Place  
\$100 cash and a certificate

CR.03 John Lozada Bergen County Academies

## **In Vitro Biology Awards**

The Society for In Vitro Biology awards two outstanding 11th grade projects in the areas of plant or animal in vitro biology or tissue culture.

In Vitro Biology Award  
Certificate of achievement

BI.01	Kenneth Stier	Academy for Medical Science Technology
CR.10	Varun Kumar	Bergen County Academies

## **Innovation Awards**

Sponsored by James Danch, this award is given to four outstanding experimental projects that demonstrate innovative use of affordable and readily available materials to achieve a goal in experimental design normally fulfilled by specialized or expensive equipment.

Innovation Award  
\$25 cash award

AN.01	Gianna Isabella Fantell	Colonia High School
BE.09	James Jose Yim	Montgomery High School
CM.07	Ahri Han	Tenaflly High School
MC.08	Neelay N. Trivedi	Watchung Hills Regional High School

## **Intel Computer Science Awards**

Intel sponsors awards for two projects demonstrating excellence in computer science.

Intel Computer Science Award  
\$200 check from Intel

MC.04	Sam Forman	Columbia High School
MC.08	Neelay N. Trivedi	Watchung Hills Regional High School

## **Material Science Awards**

ASM Materials Education Foundation recognizes two outstanding projects in the field of material science.

Material Science Award  
Certificate of Achievement

CM.14	Edward Bergman	Millburn H.S.
EN.11	Joseph Shepard Manuel Gallego	Summit High School

## Meteorology Awards

The American Meteorological Society recognizes two projects related to meteorology and atmospheric physics or chemistry.

Meteorology Award  
Certificate of achievement

EV.09	Katherine N. Sung	Tenaflly High School
PS.07	Celine Aliko Danny Jeong	Pascack Hills High School

## Metric Awards

The US Metric Association recognizes 2 projects which make the most extensive and correct use of the Standard International System of Units.

Metric Award  
Certificate of achievement

PH.02	Christopher Kelser Vincent Kinget	Summit High School
PH.04	Noah Vardy	Tenaflly High School

## Mu Alpha Theta Awards

Mu Alpha Theta, the Mathematics Honor Society recognizes two outstanding math projects that are challenging and creative approaches to a problem involving mathematics accessible to a high school students.

Mu Alpha Theta Award  
Certificate of achievement

MC.01	Sowmya Patapati Amulya Balakrishnan Amira Arora	Academy for Medical Science Technology
MC.06	Zachary Lyandres	Tenaflly High School

## NASA Earth System Science Awards

NASA recognizes 2 projects that address potential impact, develop quality ideas for future research, and cover basic science relevant to Earth System.

NASA Earth System Science Award  
Certificate of achievement

CM.14	Edward Bergman	Millburn H.S.
PS.03	Zachary Harris Zamore Rachael Jade Olovyannikov Phoebe Camille Konecky	Livingston High School

## Naval Science Awards

The Office of Naval Research awards 3 individual projects in science and engineering that conduct research in areas of interest to the Navy. Recipients must be U.S. citizens or permanent residents.

Naval Science Award

Certificate of achievement and other gifts provided by the Navy

MC.06	Zachary Lyandres	Tenafly High School
PH.01	Sharmi Shah	Colonia High School
PH.05	Daniel Lee	Watchung Hills Regional High School

## NOAA Pulse of the Planet Awards

The National Oceanic and Atmospheric Administration awards two projects that focus on ecosystems, climate, weather/water, or commerce/transportation.

NOAA Pulse of the Planet Award

Award certificate and a medallion

EN.01	Greg Volynsky	Academy of Science and Technology
EV.02	Nishita Sinha	Chatham H.S.

## Physiology Award

The American Physiological Society offers an award to one student for outstanding accomplishment in the physiological sciences.

American Physiological Society Award

Certificate of achievement and gifts

BI.04	Clairisse Whang	Academy for Medical Science Technology
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## Psychology Awards

The American Psychological Association recognizes two projects for outstanding psychology research.

American Psychological

Association Award

Certificate of achievement

BS.09	Caroline Chan Noelle Almonte	River Dell Regional High School
BS.17	Julia Ashley Veloso Sarah Elizabeth McCambridge	Pascack Valley High School

## Ricoh Sustainable Development Awards

Ricoh Corporation recognizes two projects whose principles and technical innovations offer the greatest potential for increasing our ability to grow environmentally friendly and socially responsible businesses.

Ricoh Sustainable Development Award  
Certificate of achievement

AN.01	Gianna Isabella Fantell	Colonia High School
EN.08	Jack Henry Hyslop	Tenaflly High School

## Rutgers Student Awards

Rutgers University, School of Arts and Sciences offers awards to unique and imaginative projects as judged by Rutgers undergraduate students.

Rutgers Student Award  
Certificate of achievement and a gift

AN.04	Talia Grace Boyajian Rachel Patricia Kuri	Pascack Hills High School
AN.05	Vivek Gogineni Yash Khatiwala	Pascack Hills High School
BE.04	James Meiman	Bergen County Academies
BF.03	Chaeyeon Kim Justin Jang Yoon Choi	Dwight-Englewood
BF.07	Kaitlyn Ann Espiritu	Tenaflly High School
BI.03	Deena Shefter	Academy of Science and Technology
BI.08	Bryant Lee	Tenaflly High School
CM.03	Matthew Scala	Colonia High School
CM.11	Michelle Lee	Tenaflly High School
CM.14	Edward Bergman	Millburn H.S.
CR.01	Minsung Cho	Academy for Medical Science Technology
CR.09	Laura Zhang	Bergen County Academies
EN.01	Greg Volynsky	Academy of Science and Technology
EN.03	Ashank Punj John Piccinic	Colonia High School
EN.05	Esha Shah	Colonia High School
EV.02	Nishita Sinha	Chatham H.S.
MB.02	Sarah Beth Shill Zainah Nargis Alizade	Pascack Hills High School
MC.04	Sam Forman	Columbia High School
PH.01	Sharmi Shah	Colonia High School
PH.02	Christopher Kelser Vincent Kinget	Summit High School
PS.02	Keyur Mehul Palan Brian Madigan Demcher	Colonia High School

PS.05	Estelle Leibowitz Samantha Snedeker	Pascack Hills High School
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## Statistics Awards

The NJ Chapter of the American Statistics Association sponsors awards for students who have made outstanding use of statistics and probability in the analysis of experimental data.

	Statistics First Place Award \$150 cash award	
EV.02	Nishita Sinha Statistics Second Place Award \$100 cash award	Chatham H.S.
EV.10	Vivian Kim Statistics Third Place Award \$75 cash award	Tenaflly High School
AN.04	Talia Grace Boyajian Rachel Patricia Kuri	Pascack Hills High School
BS.13	Nicholas H Cohen Statistics Honorable Mention Award \$50 cash award	Tenaflly High School
BS.14	Serin Mathew Brett Berger	Pascack Hills High School
MC.08	Neelay N. Trivedi	Watchung Hills Regional High School

## Stockholm Junior Water Prizes

The Water Environment Federation invites six water-related projects to compete at the regional level in the Stockholm Junior Water Prize competition.

	Water Environment Foundation Award Award certificate and an opportunity for further competition	
CM.07	Ahri Han	Tenaflly High School
EN.01	Greg Volynsky	Academy of Science and Technology
EV.01	James Lepone	Bergen County Academies
EV.04	Kim Boerrigter	Malcolm X Shabazz High School
EV.09	Katherine N. Sung	Tenaflly High School
PH.05	Daniel Lee	Watchung Hills Regional High School

## **Yale Science and Engineering Awards**

Yale Science and Engineering Association recognizes two outstanding 11th grade projects in computer science, physics or chemistry.

Yale Science and Engineering Award  
Award certificate

BE.03	Joshua Yoon	Bergen County Academies
MC.01	Sowmya Patapati Amulya Balakrishnan Amira Arora	Academy for Medical Science Technology

## **Participation Awards**

### **Four-Year NJRSF Participation Award**

This award honors students who have submitted a project to the NJRSF all four years of their high school career.

Four-Year Participation Award  
\$100 cash award

PS.02	Keyur Mehul Palan Brian Madigan Demcher	Colonia High School
PS.02	Keyur Mehul Palan Brian Madigan Demcher	Colonia High School

### **Freshman Participation Award**

This award honors Freshmen who successfully prepared and submitted a project to the NJRSF.

Freshman Participation Award  
\$20 cash award

CM.18	Rena Gabber	Summit High School
MC.05	Sruthi Kunamneni	South Brunswick High School