

## **WESEF 2016 SPECIAL AWARDS**

### **American Meteorological Society Award**

Certificates are given to ten students for creative scientific endeavor in the areas of atmospheric and related oceanic or hydrologic sciences.

<b>Category</b>	<b>School</b>	<b>Name of Winner</b>
Plant Science	Ossining	Ben Radhuber
Environmental Science	Dobbs Ferry	Elizabeth Bloom
Environmental Science	Hastings	Catherine Ross
Environmental Science	Briarcliff	Victoria Garito
Environmental Science	Westlake	Steven Brunetto
Environmental Science	Hendrick Hudson	Isabella Brizzi
Environmental Science	Mamaroneck	John Liptack
Environmental Science	Pelham	Megan Ploch
Earth Science	Blind Brook	Jacob Zeitlin
Engineering	Dobbs Ferry	Michael Grant

### **American Psychological Association Award**

Certificates are given to five students for outstanding research in psychological science

<b>Category</b>	<b>School</b>	<b>Name of Winner</b>
Behavior	Pelham	Julia Glickman
Behavior	Ardsley	Rachel Goldman
Behavior	Ossining	Kevin Grigera
Behavior	Pleasantville	Sabrina Mittelstadt
Behavior	Ossining	Gregory Vutera

### **ASM Materials Education Foundation Award**

A medallion and certificate is given to five students to recognize the best materials engineering projects.

<b>Category</b>	<b>School</b>	<b>Name of Winner</b>
Medicine and Health	Horace Greeley	Anna Lampe
Chemistry	Edgemont	Nikhil Rao-Pothuraju
Engineering	Fox Lane	Jessica Shah
Chemistry	Ossining	Yoo Shin Tanai
Engineering	Ardsley	Jainil Sutaria

### **Association for Women Geoscientists Award**

A certificate will be awarded to five female students whose projects exemplify high standards of innovativeness and scientific excellence in the geosciences.

<b>Category</b>	<b>School</b>	<b>Name of Winner</b>
Environmental Science	Hastings	Catherine Ross

### **ASU Walton Sustainability Solutions Initiative**

Ten students will be awarded a certificate and a nomination to enter for a Grand Prize trip to Arizona for the 2017 Sustainability Solutions Festival for their innovative solutions to sustainability challenges.

<b>Category</b>	<b>School</b>	<b>Name of Winner</b>
Environmental Science	Ardsley	Lakshmi Mahajan
Environmental Science	Ossining	Jason Aguirre
Environmental Science	Croton-Harmon	Benjamin Abam-DePass
Environmental Science	Ossining	Marcus Roman
Environmental Science	Yorktown	Luke Briccetti

Environmental Science	Hastings	Julia Dietz
Environmental Science	Horace Greeley	Alexis Hoane
Engineering	Croton-Harmon	Armand Pappas
Engineering	Croton-Harmon	Henry Jaensch
Engineering	Croton-Harmon	William Rickett

### **Mu Alpha Theta Award**

The following five students will be awarded a certificate for projects involving the use of mathematics in a challenging, original, thorough and creative investigation.

<b>Category</b>	<b>School</b>	<b>Name of Winner</b>
Computational Biology and Bioinformatics	Ossining	Kristen Minihan
Computational Biology and Bioinformatics	Edgemont	Justin Lue
Computational Biology and Bioinformatics	Hastings	Hannah Hatch
Computational Biology and Bioinformatics	Scarsdale	Ambika Venkatakrisnan
Computational Biology and Bioinformatics	Horace Greeley	Jeffrey Lue

### **NASA Earth System Science Award**

Five students whose projects offer insight into Earth's interconnected systems will win a certificate.

<b>Category</b>	<b>School</b>	<b>Name of Winner</b>
Animal Science	Hastings	Lucille Kelemen
Environmental Science	Westlake	Peter Psaltakis
Animal Science	Ossining	Reid, Sandy and Pedro

## National Oceanic and Atmospheric Administration's 2016

### Taking the Pulse of the Planet Award

Five students will win a certificate and medallion for research that emphasizes NOAA's mission to understand and predict changes in climate, weather, oceans, and coasts, to share that knowledge and information with others and to conserve and manage coastal and marine ecosystems and resources.

Category	School	Name of Winner
Computer Science	Ardsley	Jad Chaar
Environmental Science	Dobbs Ferry	Elizabeth Bloom
Plant Science	Ossining	Ben Radhuber
Animal Science	White Plains	Elana Hausknecht
Environmental Science	White Plains	Bridgit O'Donnell

### Ricoh America's Corporation

#### Sustainable Development Award

The following five students will receive a certificate for outstanding efforts in addressing issues of environmental responsibility and sustainable development.

Category	School	Name of Winner
Environmental Science	Brewster	Stuart Jaspers
Animal Science	Pelham	Sarah Jacobsons
Environmental Science	Mamaroneck	Gillian Sweeney
Plant Science	Edgemont	Sarah Kahn
Plant Science	Sleepy Hollow	Sophia Norwood

## Society for In Vitro Biology Award

The next award is for **11th grade students** in recognition of outstanding research in the areas of tissue or cell culture of plants or animals. Five students will receive a certificate.

Category	School	Name of Winner
Medicine and Health	Edgemont	Cliffton Wang
Cell Biology	Somers	Rachel Mendelson
Medicine and Health	Dobbs Ferry	Michael Kaufman
Biochemistry	Fox Lane	Sophie DeLeon
Biochemistry	Ossining	Annalee Tacuri

## Stockholm Junior Water Prize

The following fifteen students will receive a certificate plus a nomination to enter the state competition for their work in water preservation, purification or protection.

Category	School	Name of Winner
Environmental Science	Ardsley	Lakshmi Mahajan
Environmental Science	Ossining	Jason Aguirre
Environmental Science	Croton-Harmon	BeNgum Abam-DePass
Environmental Science	Scarsdale	Annabelle Stanley
Environmental Science	Yorktown	Luke Briccetti
Environmental Science	Somers	Emilia Kaczmarkiewicz
Environmental Science	Hendrick Hudson	Isabella Brizzi
Environmental Science	Horace Greeley	Zoe Arditi
Environmental Science	Sleepy Hollow	Catarina Ribeiro
Environmental Science	Mamaroneck	John Liptack

Environmental Science	Pelham	Kieran and Mae
Animal Science	Lakeland	Chris Werni
Plant Science	Sleepy Hollow	Sophia Norwood
Environmental Science	Westlake	Steven Brunetto

### **US Metric Association Award**

Any project displaying a significant amount of quantitative measurement that best uses the SI metric system is eligible for this award. Five students will win a certificate.

<b>Category</b>	<b>School</b>	<b>Name of Winner</b>
Environmental Science	Fox Lane	George Raxworthy
Engineering	Pelham	Alana, Owen, and Matthew
Engineering	Byram Hills	Jolie Feldman

### **Yale Science and Engineering Association Award**

One student in 11th grade will win a certificate and medallion for his or her top scores in the categories of Computer Science, Engineering, Physics, and/or Chemistry.

<b>Category</b>	<b>School</b>	<b>Name of Winner</b>
Chemistry	Dobbs Ferry	Arjun Chatteraj

## **United States Air Force Award**

A gift package will be given to four top projects in the following categories: engineering, mathematics, computer science, life science and/or physical science.

<b>Category</b>	<b>School</b>	<b>Name of Winner</b>
Medicine and Health	Mamaroneck	William Lovejoy
Medicine and Health	John Jay	Julia Hagan
Cell Biology	Byram Hills	Zachary Beinhacker
Chemistry	Valhalla	John Philip

## **Mianus River Gorge Ecology Award**

**Donated by Mianus River Gorge Preserve**

A certificate and \$25 will be awarded to four outstanding projects that study ecosystems.

<b>Category</b>	<b>School</b>	<b>Name of Winner</b>
Environmental Science	Ursuline	Sarah Cosmedy
Animal Science	Yorktown	Scott Campbell
Animal Science	Sleepy Hollow	Caroline Murphy
Animal Science	Byram Hills	Charles Stafford

**"Excellence in Medical Research" Award donated by the Westchester Academy of Medicine**

A certificate and check for \$25.00 will be awarded to 10 projects that help people in the Biological or Medicine and Health areas.

<b>Category</b>	<b>School</b>	<b>Name of Winner</b>
Medicine and Health	Pelham	Jane Bryce
Medicine and Health	Fox Lane	Nicole Gomez
Medicine and Health	Fox Lane	Brooke Ramlakhan
Medicine and Health	Ursuline	Daryn Chin
Medicine and Health	Byram Hills	Alexis Draper
Medicine and Health	Edgemont	Christina Hsu
Medicine and Health	Walter Panas	Meneka Makhijani
Cell Biology	Blind Brook	Alyssa Wei
Cell Biology	Dobbs Ferry	Nathan Barnett
Cell Biology	Fox Lane	Megan Bartley

**Think STEAM Award**

Awarded to two female students (sophomore or junior) for outstanding projects in science, technology, engineering or mathematics.

<b>Category</b>	<b>School</b>	<b>Name of Winner</b>
Medicine and Health	Westlake	Meenu Mundackal
Medicine and Health	Byram Hills	Olivia Tauber



## Hitachi Scientific Endeavor Award

Six projects will be awarded a \$25.00 gift card for their research which pushes the boundaries of knowledge in science.

Category	School	Name of Winner
Behavior	Mamaroneck	Eli Cousin
Behavior	Eastchester	Ryan Herrschaft
Behavior	Scarsdale	Dexin Li
Behavior	Blind Brook	Eleni Kohilakis
Cell Biology	Walter Panas	Nicole Russo
Cell Biology	Irvington	Nora Burkhardt

## Office of Naval Research

A certificate, medallion and \$50 gift card will be given to eight outstanding individual projects in science, technology, engineering, and/or mathematics.

Category	School	Name of Winner
Behavior	Mamaroneck	Sophia Cook
Behavior	Sleepy Hollow	Sofia Guarnieri
Behavior	Eastchester	Jessica Mendes
Behavior	Horace Greeley	Marc Xie
Behavior	Mamaroneck	Harry Silverman
Cell Biology	White Plains	Jacob Brady
Medicine and Health	Fox Lane	Brooke Ramlakhan
Biochemistry	Horace Greeley	Teresa Tseng

### **Future of Medicine Award**

Donated by the Westchester Academy of Medicine

Three projects will win a plaque, \$50 and a celebration dinner.

<b>Category</b>	<b>School</b>	<b>Name of Winner</b>
Cell Biology	Blind Brook	Melissa Blum
Medicine and Health	Byram Hills	Alex Pfeffer
Medicine and Health	Briarcliff	Joshua Papson

### **The Dr. Samuel Klasburn Behavioral Health Award Sponsored by Four Winds Hospital**

A plaque and \$50.00 will be awarded to two students with projects in the category of behavior.

<b>Category</b>	<b>School</b>	<b>Name of Winner</b>
Behavior	Byram Hills	Ilana Cohen
Behavior	Mamaroneck	Danielle Godick

### **Leason Ellis Team Project Award**

This award goes to the top team projects that exemplify working well together to achieve a goal. A certificate and \$25.00 will be awarded to each team member. Four teams will be recognized.

<b>Category</b>	<b>School</b>	<b>Name of Winner</b>
Behavior	Fox Lane	The Team of Nicolina and Jehan
Engineering	Croton-Harmon	The team of William and Henry
Behavior	Lincoln	the team of Laura and Natalie
Medicine and Health	John Jay	The team of: Ryan and Marisa

### **Cornell University Food Science Award**

Two students will win \$50.00 each in recognition of research that applies methods from chemistry, biology, nutrition, physiology, biotechnology, and/or engineering to the study of food systems.

<b>Category</b>	<b>School</b>	<b>Name of Winner</b>
Biochemistry	Brewster	Dowlette AlamEl Din
Behavior	Briarcliff	Elizabeth Boyle

### **Cornell University Division of Nutritional Science Award**

This \$50.00 award is given to two students who demonstrated outstanding research in nutritional science.

<b>Category</b>	<b>School</b>	<b>Name of Winner</b>
Medicine and Health	Briarcliff	Jasmine Bar
Medicine and Health	Dobbs Ferry	Federico Pollevick

### **The Walter Kass Memorial Award for Excellence in Behavioral Science**

Presented by the Westchester County Psychological Association

A plaque and \$50.00 will be awarded to 4 projects for their work in Behavioral Science.

<b>Category</b>	<b>School</b>	<b>Name of Winner</b>
Behavior	Byram Hills	Mackenzie Schmidt
Behavior	Hastings	Mariel Schneider
Behavior	Scarsdale	Cherie Xu
Behavior	Ossining	Julian Ivanov

### **Greg Horrace Award**

This award goes to outstanding projects by minority students. Four students will be awarded a certificate and \$50.

<b>Category</b>	<b>School</b>	<b>Name of Winner</b>
Animal Science	Ossining	Kimberly Badger
Engineering	Lincoln	Jocelyn Flores
Medicine	Harrison	Tasha Garayo
Cell Biology	New Rochelle	Rachel Falisi

### **Teatown Young Conservationist Award Sponsored by Teatown Lake Reservation**

This award is given to projects that aim to protect natural habitats and/or ecosystems. Four students will win a certificate and \$50.

<b>Category</b>	<b>School</b>	<b>Name of Winner</b>
Animal Science	Mamaroneck	Alison and Yfke
Animal Science	Fox Lane	Cameron Garzon
Environmental Science	Fox Lane	George Raxworthy

### **Teatown Young Naturalist Award Sponsored by Teatown Lake Reservation**

This award is given to projects that study animals in their natural surroundings. Two students will win a certificate and \$50.

<b>Category</b>	<b>School</b>	<b>Name of Winner</b>
Animal Science	Dobbs Ferry	Nathan Perry
Animal Science	Ossining	Jennifer Meikle

## **The Environmental Perspiration Award**

### **Sponsored by Robert Weireter**

Three environmental projects or engineering projects with an environmental focus will each receive a certificate and \$100.

<b>Category</b>	<b>School</b>	<b>Name of Winner</b>
Environmental Science	Pleasantville	James McCarthy
Animal Science	Scarsdale	Signe Forsingdal
Animal Science	Sleepy Hollow	Caroline Murphy

## **The Scientista Award**

This \$100.00 award is given to a top female student who demonstrates a promising future in science.

<b>Category</b>	<b>School</b>	<b>Name of Winner</b>
Environmental Science	Pelham	Megan Ploch

## **Intel Excellence in Computer Science Award**

The following five students will each be awarded a certificate and \$200.00 for their excellent work in computer science.

<b>Category</b>	<b>School</b>	<b>Name of Winner</b>
Computer Science	Horace Greeley	Dorothy Shek
Computer Science	Lincoln	Christopher Soto
Computer Science	Pelham	Albert Thomas
Computer Science	Briarcliff	Karthik Rao
Computer Science	Byram Hills	Micah Jeng

**George Yancopoulos Young Scientist Award  
Sponsored by Regeneron Pharmaceuticals**

A plaque, \$300 and a tour of Regeneron will be awarded to two student investigators whose passion for science may lead to the development of novel technologies or biological insights.

<b>Category</b>	<b>School</b>	<b>Name of Winner</b>
Engineering	Byram Hills	Brian Singer
Computational Biology	Byram Hills	Sela Berenblum

**GENIUS Olympiad**

Two junior projects will be selected to attend the GENIUS Olympiad, an international competition focused on environmental issues, held at SUNY Oswego from June 12 - June 17th.

<b>Category</b>	<b>School</b>	<b>Name of Winner</b>
Engineering	Yorktown	Emily Huang
Behavior	Dobbs Ferry	Hannah Brown

**Ying Scholar Award**

Two research projects whose innovative research has the potential to develop transformative technology or a field of inquiry will each receive \$500 and their teachers will each receive \$100. These two students will be eligible to compete for an additional \$2000.00 scholarship.

<b>Category</b>	<b>School</b>	<b>Name of Winner</b>
Engineering	Edgemont	Prinesh Mistry
Medicine and Health	Scarsdale	Gabriel Dolsten