

**NOKIA BELL LABS  
NORTH JERSEY REGIONAL  
SCIENCE FAIR**

**OFFICIAL AWARDS LIST  
OVERALL AWARDS-NJRSF-2022**

**NOT TO BE RELEASED PRIOR TO 8:00 P.M., March 26, 2022**

**ISEF GRAND PRIZE**

Six projects, including up to one team, will advance to the 2022 Regeneron ISEF virtual competition. Students will also receive a cash award of \$300, in lieu of trips to ISEF.

*ISEF Grand Prize*

Jeffrey Ho/AN.09	grade 12	Millburn H.S.	Susan Arrigoni
Yuxuan Tian/BE.06	grade 11	Rutgers Prep	Pablito Lake
Ryan Samuel Park/BF.02	grade 12	Millburn H.S.	Susan Arrigoni
Sean Woo/CB.01	grade 11	Millburn H.S.	Susan Arrigoni
Nathanael Gunawan/EN.05	grade 11	Westwood Reg. Jr. Sr. H. S.	Oki Gunawan
Eric Wang/PS.03	grade 11	Millburn H.S.	Susan Arrigoni

*ISEF Grand Prize, 1st Alternate*

Tejas Khare/CS.02	grade 12	Hillsborough H. S.	Dr. Michael Churchill
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**KAREN KRANZ MEMORIAL AWARDS**

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*

Ryan Samuel Park/BF.02	grade 12	Millburn H.S.	Susan Arrigoni
Maxwell Chen/BF.18	grade 11	Millburn H.S.	Susan Arrigoni

*Karen Kranz Memorial Award Honorable Mention*

**NJIT CPCP ACADEMY COLLEGE COURSES SCHOLARSHIP**

NJIT offers a one-time summer, fall, or spring semester scholarship (tuition) to enroll in one credit-bearing college course (up to 3 credits) through the Center for Pre-College Programs (CPCP) at NJIT. This course will be offered on the NJIT campus. Credits are transferable to a college the students attends, NJIT or elsewhere. Cash value: \$1,647.

*NJIT CPCP Academy Scholarship*

Muhil Thendral/CH.08	grade 10	Ridge H.S.	Thamizh Thendral
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*NJIT CPCP Academy Scholarship First Alternate*

Nicholas Yoo/BT.03	grade 10	Delbarton School	Brian Theroux
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**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*

Yuxuan Tian/BE.06	grade 11	Rutgers Prep	Pablito Lake
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Katie Koo/CH.02	grade 11	Northern Valley Demarest	Kristen Thompson
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*NJIT Academic Fellowship First Alternate*

Nathanael Gunawan/EN.05	grade 11	Westwood Reg. Jr. Sr. H. S.	Oki Gunawan
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*NJIT Academic Fellowship Second Alternate*

Jonathan Slohoda/BE.05	grade 11	Woodbridge H. S.	Tina Clarke
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## CATEGORY AWARDS

### Animal Sciences

First	Jeffrey Ho/AN.09	grade 12	Millburn H.S.
Second	Saule Juskelyte/AN.10	grade 11	River Dell Reg. H. S.
Third	Jake Agranovich/AN.03	grade 11	Pascack Hills H. S.
	Jonathan Mathew/AN.03	grade 11	Pascack Hills H. S.
	Mirika Jambudi/AN.06	grade 11	The Pingry School
	Uma Nagella/AN.01	grade 11	Millburn H.S.

### Behavioral Science

First	Sarah M. Pajaro/BS.10	grade 12	Woodbridge H. S.
Second	Emily Hickey/BS.02	grade 9	Summit H. S.
Third	Tara Mahon/BS.05	grade 12	Woodbridge H. S.
Hon.Men.	Samantha Gavina/BS.09	grade 11	Woodbridge H. S.

### Bioinformatics and Computational Biology

First	Ryan Samuel Park/BF.02	grade 12	Millburn H.S.
Second	Oran S. Goodman/BF.14	grade 11	The Frisch School
	Mihir Rao/BF.04	grade 12	Chatham H.S.
Third	Maxwell Chen/BF.18	grade 11	Millburn H.S.
	Jolene Wang/BF.10	grade 11	Newark Acad.
Hon.Men.	Zack Sun/BF.08	grade 11	Tenafly H. S.
	Evan Wen/BF.16	grade 11	The Pingry School

### Biomedical Engineering

First	Yuxuan Tian/BE.06	grade 11	Rutgers Prep
Second	Jonathan Slohoda/BE.05	grade 11	Woodbridge H. S.
Third	Ambika Polavarapu/BE.02	grade 12	Millburn H.S.
Hon.Men.	Sahasra Pokkunuri/BE.07	grade 11	Old Bridge H. S.

### Biostatistics

First	Param Malik/BT.04	grade 11	Academies@Englewood
Second	Tamar Peleg/BT.07	grade 11	Tenafly H. S.
Third	Xinyue Fan/BT.01	grade 12	Chatham H.S.

### Cell Biology & Microbiology

First	Sean Woo/CB.01	grade 11	Millburn H.S.
Second	Jinsuh Kim/CB.02	grade 11	Pascack Hills H. S.
	Nicole Golub/CB.02	grade 11	Pascack Hills H. S.
	Subin Pyo/CB.05	grade 10	Tenafly H. S.

Third	Aaryan Pugazendhi/CB.04 Lucy Zhao/CB.09	grade 12 grade 11	Millburn H.S. Rutgers Prep
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**Chemistry**

First	Jeffrey Xu/CH.03	grade 11	Livingston H. S.
Second	Muhil Thendral/CH.08	grade 10	Ridge H.S.
Third	Katie Koo/CH.02	grade 11	Northern Valley Demarest

**Computer Science**

First	Tejas Khare/CS.02 Elaina Mann/CS.09	grade 12 grade 12	Hillsborough H. S. Livingston H. S.
Second	Willy Chan/CS.01	grade 12	Chatham H.S.
Third	Shikhar Ahuja/CS.12 Aarush Gupta/CS.12 Yunsung Lee/CS.08 Akul Sethi/CS.08 Andy Xu/CS.07	grade 12 grade 12 grade 12 grade 12 grade 11	Montgomery H.S. Montgomery H.S. Pascack Hills H. S. Pascack Hills H. S. Millburn H.S.
Hon.Men.	Jack Madigan Grbic/CS.03 Zayn Rekhi/CS.19 Youhao Steve Wang/CS.16 Anthony Zhai/CS.05 Suchisrit Gangopadhyay/CS.05	grade 10 grade 10 grade 11 grade 11 grade 11	Delbarton School Millburn H.S. Union County Magnet HS Montgomery H.S. The Hun School

**Earth & Environmental Sciences**

First	Saachi Kuthari/EV.02	grade 11	Millburn H.S.
Second	Nupur Ballal/EV.04	grade 11	Kent Place School
Third	Trayee Jha/EV.05	grade 11	Pascack Hills H. S.
Hon.Men.	Prisha Malik/EV.01	grade 9	Acad. for Math, Science & Engineering

**Engineering**

First	Nathanael Gunawan/EN.05	grade 11	Westwood Reg. Jr. Sr. H. S.
Second	Geonhun Lee/EN.01	grade 11	Bergen Catholic H. S.
Third	Derek Jeon Myung/EN.03	grade 11	Dwight Morrow-Academies@Englewood
Hon.Men.	Samhita Pokkunuri/EN.07	grade 9	Old Bridge H. S.

**Mathematics**

Second	Phillip K. Gao/MA.04	grade 10	Ridge H.S.
Third	Blake Kessler/MA.03	grade 11	Kinnelon H. S.

**Physics & Astronomy**

First	Dylan Liu-Walter/PH.04	grade 12	Millburn H.S.
Second	Vincenzo Damato/PH.01	grade 11	Barnstable Acadmey

	Zara Yu/PH.02	grade 12	Kinnelon H. S.
Third	Peter Gomulka/PH.03	grade 12	Colonia H. S.
Hon.Men.	Max Xiong/PH.05	grade 10	Rutgers Prep

#### **Plant Sciences**

First	Abigail Kushman/PS.09 Eric Wang/PS.03	grade 11 grade 11	Tenafly H. S. Millburn H.S.
Third	Adarsh Patel/PS.01	grade 11	Livingston H. S.
Hon.Men.	Emily Cao/PS.04 Tiffany Park/PS.04	grade 12 grade 12	Fort Lee H. S. Fort Lee H. S.

#### **PARTICIPATION AWARDS**

The NJRSF gives a special participation award to Freshmen who complete an entry in the fair, and to Seniors who have participated in the fair all four years of high school.

##### *Freshman Participation Award*

Ishir V Rao/BF.01	grade 9	Chatham H.S.	Dr. Yelena Naumova
Emily Hickey/BS.02	grade 9	Summit H. S.	Christine Stelmach
Olivia Chen/BS.04	grade 9	Ridge High School	Valerie Allimonti
Aiden Wang/BS.08	grade 9	Home School	Yiqiang Wang
Damien Ko/CS.06	grade 9	Northern Valley Demarest	Brooke Martin
Samhita Pokkunuri/EN.07	grade 9	Old Bridge H. S.	Sateesh Pokkunuri
Prisha Malik/EV.01	grade 9	Acad. for Math, Science & Engineering	Amit Malik
Olufemi Anthony/EV.10	grade 9	Montclair H. S.	Meric Topyan

##### *Four-year Participation Award*

Tara Mahon/BS.05	grade 12	Woodbridge H. S.	Tina Clarke
Sarah M. Pajaro/BS.10	grade 12	Woodbridge H. S.	Tina Clarke
Willy Chan/CS.01	grade 12	Chatham H.S.	Yelena Naumova
Stephen Andrews/CS.11	grade 12	Chatham H.S.	Dr. Yelena Naumova
Katie Nguyen/PS.05	grade 12	Woodbridge H. S.	Tina Clarke

## SPECIAL AWARDS

### Biochemistry and Molecular Biology award

Subin Pyo/CB.05	<i>FDU Student Chapter of ASBMB</i> grade 10	Tenafly H. S.
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### Cancer Research Awards

Subin Pyo/CB.05	<i>Cancer Research Award, First Place</i> grade 10	Tenafly H. S.
Jeffrey Ho/AN.09	<i>Cancer Research Award, Second Place</i> grade 12	Millburn H.S.
Mihir Rao/BF.04	<i>Cancer Research Award, Third Place</i> grade 12	Chatham H.S.

### Computing Awards

	<i>Association for Computing Machinery Award</i>	
Ryan Samuel Park/BF.02	grade 12	Millburn H.S.
Mihir Rao/BF.04	grade 12	Chatham H.S.
Oran S. Goodman/BF.14	grade 11	The Frisch School
Willy Chan/CS.01	grade 12	Chatham H.S.
Tejas Khare/CS.02	grade 12	Hillsborough H. S.
Elaina Mann/CS.09	grade 12	Livingston H. S.

### David S. Young Memorial Award

Geonhun Lee/EN.01	grade 11	Bergen Catholic H. S.
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### Field Research Awards

Saule Juskelyte/AN.10	grade 11	River Dell Reg. H. S.
Rohan Deep Sarkar/EV.06	grade 11	West Orange H. S.

### GENIUS Olympiad Award

Prisha Malik/EV.01	grade 9	Acad. for Math, Science & Engineering
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### Geoscience Awards

Nupur Ballal/EV.04	grade 11	Kent Place School
Abigail Kushman/PS.09	grade 11	Tenafly H. S.

### IEEE NJ Young Engineer Award

	<i>IEEE NJ Section Young Engineer Award</i>	
Yuxuan Tian/BE.06	grade 11	Rutgers Prep
Nathanael Gunawan/EN.05	grade 11	Westwood Reg. Jr. Sr. H. S.
Samhita Pokkunuri/EN.07	grade 9	Old Bridge H. S.

### In Vitro Biology Awards

Sean Woo/CB.01	grade 11	Millburn H.S.
Rhea Raghu/CB.06	grade 11	Tenafly H. S.

### Innovation Awards

Yuxuan Tian/BE.06	grade 11	Rutgers Prep
Muhil Thendral/CH.08	grade 10	Ridge H.S.
Samhita Pokkunuri/EN.07	grade 9	Old Bridge H. S.
Alana Kimball/EV.07	grade 11	Pascack Hills H. S.
Hannah Nadel/EV.07	grade 11	Pascack Hills H. S.

**Material Science Awards**

Katie Koo/CH.02	grade 11	Northern Valley Demarest
Muhil Thendral/CH.08	grade 10	Ridge H.S.

**Mathematics Award**

William Du/MA.01	grade 10	Delbarton School
Grace Yeeun Park/MA.02	grade 11	Palisades Park Jr./Sr. high School
Joon Park/MA.02	grade 10	Blair Academy

**Meteorology Awards**

**Metric Awards**

**Mu Alpha Theta Awards**

Blake Kessler/MA.03	grade 11	Kinnelon H. S.
Phillip K. Gao/MA.04	grade 10	Ridge H.S.

**NASA Earth System Science Awards**

Anthony Zhai/CS.05	grade 11	Montgomery H.S.
Suchisrit Gangopadhyay/CS.05	grade 11	The Hun School
Rohan Deep Sarkar/EV.06	grade 11	West Orange H. S.

**NOAA Pulse of the Planet Awards**

Aryan Gupta/EN.02	grade 11	John P. Stevens H. S.
Shristhi Sharma/EN.02	grade 11	John P. Stevens H. S.

**Psychology Awards**

*American Psychological Association Award*

Jenny Ye/BS.01	grade 12	Fort Lee H. S.
Natalie Yum/BS.01	grade 12	Fort Lee H. S.
Sarah M. Pajaro/BS.10	grade 12	Woodbridge H. S.

**Regeneron Biomedical Science Award**

Ryan Samuel Park/BF.02	grade 12	Millburn H.S.
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**Ricoh Sustainable Development Awards**

Katie Koo/CH.02	grade 11	Northern Valley Demarest
Prisha Malik/EV.01	grade 9	Acad. for Math, Science & Engineering

**Statistics Awards**

Nicholas Yoo/BT.03	<i>Statistics First Place Award</i> grade 10	Delbarton School
Param Malik/BT.04	<i>Statistics Second Place Award</i> grade 11	Academies@Englewood
Xinyue Fan/BT.01	<i>Statistics Third Place Award</i> grade 12	Chatham H.S.
Siyuan Bao/BT.10	<i>Statistics Honorable Mention Award</i> grade 11	Tenafly H. S.

**Stockholm Junior Water Prizes**

Nupur Ballal/EV.04	<i>Water Environment Foundation Award</i> grade 11	Kent Place School
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**USAID Science Champion Award**

Muhil Thendral/CH.08  
Andy Xu/CS.07

grade 10  
grade 11

Ridge H.S.  
Millburn H.S.

**Yale Science and Engineering Awards**

Gordon Sun/CH.07  
Vincenzo Damato/PH.01

grade 11  
grade 11

Tenafly H. S.  
Barnstable Academy