

NOKIA BELL LABS NORTH JERSEY REGIONAL SCIENCE FAIR

OFFICIAL AWARDS LIST OVERALL AWARDS-NJRSF-2019

NOT TO BE RELEASED PRIOR TO 8:00 P.M., March 16, 2019

ISEF TRIP AWARDS

Six projects, including up to one team, receive expense-paid trips to attend ISEF, in Phoenix, AZ for 2019. Their advisors will accompany them.

ISEF Trip Award

Angela Youn/AN.06	grade 12	Tenafly H. S.	Anat Firnberg
Alex L. Zhang/BE.03	grade 11	Montgomery H.S.	David Zhang
Charles F. Ma/BE.03	grade 11	Montgomery H.S.	David Zhang
Noam Yakar/BE.11	grade 10	Tenafly H. S.	Helen Coyle
Jagdeep Bhatia/CS.12	grade 11	Watchung Hills Reg. H. S.	Daniel Hsu
Sharmi Shah/EN.02	grade 12	Colonia H. S.	James Danch
Seo Yeong (Shauna) Kwag/MA.01	grade 11	Blair Acad.	Caren Standfast
Taeyang (David) Park/MA.01	grade 10	Peddie School	Caren Standfast

ISEF Trip Award, 1st Alternate

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

Jade Anne Greenberg/EN.11	grade 12	Pascack Hills H. S.	Natalie Macke
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Karen Kranz Memorial Award Honorable Mention

Talia Grace Boyajian/AN.19	grade 12	Pascack Hills H. S.	Martin Shields
Rachel Patricia Kuri/AN.19	grade 12	Pascack Hills H. S.	Martin Shields

PARTNERS IN SCIENCE TEACHER AWARD

Teachers that win this award will be able to choose one student in grade 10 or 11 from their school to participate in the Partners in Science Program run by Liberty Science Center (subject to program eligibility requirements). 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 LSC and the other is supported by NJRSF funding.

Partners in Science Teacher Award

Susan Arrigoni

Millburn H.S.

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: \$1,617.

NJIT CPCP Academy Scholarship

Suie Choi/EV.02

grade 11

Newark Acad.

Nancy Celente

NJIT CPCP Academy Scholarship First Alternate

Vidhi C. Desai/EV.07

grade 10

Colonia H. S.

James Danch

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

Jaspar Bachman/EV.08

grade 10

Pascack Hills H. S.

Natalie Macke

Julia Funke/EV.08

grade 10

Pascack Hills H. S.

Natalie Macke

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

Haocheng Yang/CS.06

grade 11

Tenafly H. S.

Helen Coyle

Jagdeep Bhatia/CS.12

grade 11

Watchung Hills Reg. H. S.

Daniel Hsu

NJIT Academic Fellowship First Alternate

Meghan Jin/BE.08

grade 11

Ridge H.S.

Yijiao Zhou

NJIT Academic Fellowship Second Alternate

Gene Hee Park/MA.02

grade 11

Cresskill H. S.

Kisun Yoon

CATEGORY AWARDS

Animal Sciences

First	Noah Hirshfield/AN.16	grade 10	Pascack Hills H. S.
	Sean McNeice/AN.16	grade 10	Pascack Hills H. S.
	Angela Youn/AN.06	grade 12	Tenafly H. S.
Second	Eva Buerger/AN.17	grade 12	Tenafly H. S.
	Alan Chen/AN.01	grade 12	Livingston H. S.
Third	Talia Grace Boyajian/AN.19	grade 12	Pascack Hills H. S.
	Rachel Patricia Kuri/AN.19	grade 12	Pascack Hills H. S.
	Jenna Golub/AN.11	grade 10	Pascack Hills H. S.
	Elizabeth Mashini/AN.11	grade 10	Pascack Hills H. S.
	Christina Michelis/AN.12	grade 10	Pascack Hills H. S.
	Diana Natalicchio/AN.12	grade 10	Pascack Hills H. S.
	Isabel Ulanday/AN.04	grade 11	Pascack Hills H. S.
	Amanda Goldstein/AN.04	grade 12	Pascack Hills H. S.
Hon.Men.	Lauren M. Eusebio/AN.02	grade 10	Pascack Hills H. S.
	Olivia Chin/AN.02	grade 10	Pascack Hills H. S.
	Malia S Lam/AN.05	grade 10	Pascack Hills H. S.
	Elizabeth Masyukova/AN.05	grade 10	Pascack Hills H. S.
	Akshay Pokala/AN.10	grade 10	Pascack Hills H. S.
	Rebeca Zapiach/AN.09	grade 12	Tenafly H. S.

Behavioral Science

First	Victoria Pietrunti/BS.06	grade 10	Pascack Hills H. S.
	Isabella Sanar/BS.06	grade 10	Pascack Hills H. S.
Second	Aekum Grewal/BS.01	grade 12	Livingston H. S.
Third	Jessica Yeager/BS.04	grade 12	Millburn H.S.
Hon.Men.	Itamar Oelsner/BS.08	grade 11	Tenafly H. S.

Biomedical Engineering and Bioinformatics

First	Noam Yakar/BE.11	grade 10	Tenafly H. S.
	Alex L. Zhang/BE.03	grade 11	Montgomery H.S.
	Charles F. Ma/BE.03	grade 11	Montgomery H.S.
Second	Sophie Andrews/BE.02	grade 12	Chatham H.S.
	Jinghan Qiu/BE.10	grade 11	Rutgers Prep
Hon.Men.	Henry Knoll-Finn/BE.07	grade 12	Millburn H.S.
	Haley Orciuoli/BE.04	grade 12	Livingston H. S.

Biomedical Science

First	Joo Un Lee/BI.03	grade 11	Tenafly H. S.
Second	Alexander Chen/BI.02	grade 12	Millburn H.S.
	Savan Patel/BI.08	grade 12	Montgomery H.S.

Third	Amanda Zheng/BI.06	grade 11	Union County Magnet HS
Hon.Men.	Kevin Zhong/BI.01	grade 12	Delbarton School

Chemistry and Material Science

First	Kaitlyn Sue Yeh/CM.11	grade 12	Tenafly H. S.
Second	Shanel Calle/CM.09	grade 11	Union H. S.
	Alexander Fox/CM.09	grade 11	Union H. S.
Third	Naomy Arias Fernandez/CM.01	grade 12	Colonia H. S.
Hon.Men.	Evan Tulsy/CM.05	grade 11	Summit H. S.

Computer Science

First	Jagdeep Bhatia/CS.12	grade 11	Watchung Hills Reg. H. S.
Second	William Li/CS.03	grade 10	Delbarton School
Third	Avinash A Kumar/CS.05	grade 11	Middlesex Acad for Science & Engineering
	Ishani Dave/CS.05	grade 11	Middlesex Acad for Science & Engineering
Hon.Men.	Haocheng Yang/CS.06	grade 11	Tenafly H. S.

Engineering

First	Jade Anne Greenberg/EN.11	grade 12	Pascack Hills H. S.
	Sharmi Shah/EN.02	grade 12	Colonia H. S.
Second	Yee Cheng/EN.03	grade 11	Pascack Valley H. S.
Third	Royce Moon/EN.10	grade 10	Dwight-Englewood
	Esha Shah/EN.07	grade 12	Colonia H. S.

Environmental Science

First	Jaspar Bachman/EV.08	grade 10	Pascack Hills H. S.
	Julia Funke/EV.08	grade 10	Pascack Hills H. S.
	Vidhi C. Desai/EV.07	grade 10	Colonia H. S.
Third	Anna Kostoreva/EV.10	grade 10	Pascack Hills H. S.
	Isabella Frangiosa/EV.10	grade 10	Pascack Hills H. S.
Hon.Men.	Elyse Hawkins/EV.06	grade 12	Summit H. S.

Mathematics

First	Seo Yeong (Shauna) Kwag/MA.01	grade 11	Blair Acad.
	Taeyang (David) Park/MA.01	grade 10	Peddle School

Microbiology

	Madeleine Miller/MB.06	grade 10	Pascack Valley H. S.
Second	Erika Calle/MB.05	grade 11	Union H. S.
Third	Daniel Lee/MB.03	grade 12	Tenafly H. S.
Hon.Men.	Jimin Kim/MB.04	grade 10	Pascack Hills H. S.
	David Kim/MB.04	grade 11	Pascack Hills H. S.

Plant Sciences

First	Dylan A. Cornejo/PS.03	grade 10	Morristown H.S.
Second	Maham Bashir/PS.01	grade 12	Livingston 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

Willy Chan/BE.01	grade 9	Chatham H.S.	Yelena Naumova
Claire Lim/BE.09	grade 9	The Acad. of the Holy Angels	Dr. Joseph D. Migliaccio
Jan Carlo A. Santos/BS.11	grade 9	Woodbridge H. S.	Tina Clarke
Tara Mahon/EN.13	grade 9	Woodbridge H. S.	Tina Clarke
Katie Nguyen/EV.14	grade 9	Woodbridge H. S.	Tina Clarke
Sarah M. Pajaro/EV.14	grade 9	Woodbridge H. S.	Tina Clarke
Ashley Tolocka/EV.17	grade 9	Woodbridge H. S.	Tina Clarke
Ray Greenidge/EV.23	grade 9	Woodbridge H. S.	Tina Clarke
Stephen Andrews/MA.04	grade 9	Chatham H.S.	Yelena Naumova
Shakthi Venkatesan/PS.06	grade 9	Colonia H. S.	James Danch

Four-year Participation Award

Ankit S. Yande/CS.02	grade 12	Colonia H. S.	James Danch
Sharmi Shah/EN.02	grade 12	Colonia H. S.	James Danch
Esha Shah/EN.07	grade 12	Colonia H. S.	James Danch

SPECIAL AWARDS

Air Force Awards

Faith Perkins/BE.06	grade 10	Woodbridge H. S.
Kaitlyn Pinto/BE.06	grade 10	Woodbridge H. S.
Noam Yakar/BE.11	grade 10	Tenafly H. S.
William Li/CS.03	grade 10	Delbarton School
Esha Shah/EN.07	grade 12	Colonia H. S.

Biochemistry and Molecular Biology award

Eva Buegler/AN.17	<i>FDU Student Chapter of ASBMB</i> grade 12	Tenafly H. S.
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Biophysics Award

Noam Yakar/BE.11	grade 10	Tenafly H. S.
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Cancer Research Awards

Alexander Chen/BI.02	<i>Cancer Research Award, First Place</i> grade 12	Millburn H.S.
Joo Un Lee/BI.03	<i>Cancer Research Award, Second Place</i> grade 11	Tenafly H. S.
Sophie Andrews/BE.02	<i>Cancer Research Award, Third Place</i> grade 12	Chatham H.S.

Chemistry Awards

Shanel Calle/CM.09	<i>Chemistry Special Award First Place</i> grade 11	Union H. S.
Alexander Fox/CM.09	grade 11	Union H. S.
Kaitlyn Sue Yeh/CM.11	<i>Chemistry Special Award Second Place</i> grade 12	Tenafly H. S.
Naomy Arias Fernandez/CM.01	<i>Chemistry Special Award Third Place</i> grade 12	Colonia H. S.

Computing Awards

Jagdeep Bhatia/CS.12	<i>Computing Awards First Place</i> grade 11	Watchung Hills Reg. H. S.
William Li/CS.03	<i>Computing Awards Second Place</i> grade 10	Delbarton School
Willy Chan/BE.01	<i>Computing Awards Third Place</i> grade 9	Chatham H.S.
Sophie Andrews/BE.02	<i>Computing Awards Honorable Mention</i> grade 12	Chatham H.S.
Matthew Hong/CM.04	grade 11	Pascack Hills H. S.
Miranda Luo/CM.04	grade 11	Pascack Hills H. S.
Yee Cheng/EN.03	grade 11	Pascack Valley H. S.

David S. Young Memorial Award

Sharmi Shah/EN.02	grade 12	Colonia H. S.
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Field Research Awards

Alan Chen/AN.01	grade 12	Livingston H. S.
Noah Hirshfield/AN.16	grade 10	Pascack Hills H. S.
Sean McNeice/AN.16	grade 10	Pascack Hills H. S.

GENIUS Olympiad Award

Kaitlyn Sue Yeh/CM.11	grade 12	Tenafly H. S.
Jaspar Bachman/EV.08	grade 10	Pascack Hills H. S.
Julia Funke/EV.08	grade 10	Pascack Hills H. S.

Geoscience Awards

Royce Moon/EN.10	grade 10	Dwight-Englewood
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Human Genetics Awards

Sophie Andrews/BE.02	<i>Human Genetics Award, First Place</i> grade 12	Chatham H.S.
Eva Buegler/AN.17	<i>Human Genetics Award, Second Place</i> grade 12	Tenafly H. S.

In Vitro Biology Awards

Lauren Aslami/BI.05	grade 11	Tenafly H. S.
Amanda Zheng/BI.06	grade 11	Union County Magnet HS

Innovation Awards

Willy Chan/BE.01	grade 9	Chatham H.S.
Noam Yakar/BE.11	grade 10	Tenafly H. S.
Kosei Dohi/CS.13	grade 10	Tenafly H. S.
Dylan A. Cornejo/PS.03	grade 10	Morristown H.S.

Intel Computer Science Awards

Alex L. Zhang/BE.03	grade 11	Montgomery H.S.
Charles F. Ma/BE.03	grade 11	Montgomery H.S.
Haocheng Yang/CS.06	grade 11	Tenafly H. S.

ISEF Observer Awards

Elizabeth Masyukova/AN.05	<i>ISEF Alternate Observer Award</i> grade 10	Pascack Hills H. S.
Ishani Dave/CS.05	grade 11	Middlesex Acad for Science & Engineering
Vidhi C. Desai/EV.07	grade 10	Colonia H. S.

ISEF Trip Award Finalists

Noah Hirshfield/AN.16	<i>ISEF Trip Award Finalist, Jr. Div.</i> grade 10	Pascack Hills H. S.
Sean McNeice/AN.16	grade 10	Pascack Hills H. S.
Noam Yakar/BE.11	grade 10	Tenafly H. S.
Jaspar Bachman/EV.08	grade 10	Pascack Hills H. S.
Julia Funke/EV.08	grade 10	Pascack Hills H. S.
Angela Youn/AN.06	grade 12	Tenafly H. S.
Alex L. Zhang/BE.03	grade 11	Montgomery H.S.
Charles F. Ma/BE.03	grade 11	Montgomery H.S.
Joo Un Lee/BI.03	grade 11	Tenafly H. S.
Kaitlyn Sue Yeh/CM.11	grade 12	Tenafly H. S.
Jagdeep Bhatia/CS.12	grade 11	Watchung Hills Reg. H. S.

Sharmi Shah/EN.02	grade 12	Colonia H. S.
Seo Yeong (Shauna) Kwag/MA.01	grade 11	Blair Acad.
Taeyang (David) Park/MA.01	grade 10	Peddie School

Journal of Emerging Investigators Awards

JEI Finalist Award

Angela Youn/AN.06	grade 12	Tenafly H. S.
Noah Hirshfield/AN.16	grade 10	Pascack Hills H. S.
Sean McNeice/AN.16	grade 10	Pascack Hills H. S.
Alex L. Zhang/BE.03	grade 11	Montgomery H.S.
Charles F. Ma/BE.03	grade 11	Montgomery H.S.
Noam Yakar/BE.11	grade 10	Tenafly H. S.
Joo Un Lee/BI.03	grade 11	Tenafly H. S.
Kaitlyn Sue Yeh/CM.11	grade 12	Tenafly H. S.
Jagdeep Bhatia/CS.12	grade 11	Watchung Hills Reg. H. S.
Sharmi Shah/EN.02	grade 12	Colonia H. S.
Jaspar Bachman/EV.08	grade 10	Pascack Hills H. S.
Julia Funke/EV.08	grade 10	Pascack Hills H. S.
Seo Yeong (Shauna) Kwag/MA.01	grade 11	Blair Acad.
Taeyang (David) Park/MA.01	grade 10	Peddie School

Scientific Communication Award

Sophie Andrews/BE.02	grade 12	Chatham H.S.
Victoria Pietrunti/BS.06	grade 10	Pascack Hills H. S.
Isabella Sanar/BS.06	grade 10	Pascack Hills H. S.
Kosei Dohi/CS.13	grade 10	Tenafly H. S.
Esha Shah/EN.07	grade 12	Colonia H. S.
Jade Anne Greenberg/EN.11	grade 12	Pascack Hills H. S.
Suie Choi/EV.02	grade 11	Newark Acad.
Vidhi C. Desai/EV.07	grade 10	Colonia H. S.
Dylan A. Cornejo/PS.03	grade 10	Morristown H.S.

Material Science Awards

Kaitlyn Sue Yeh/CM.11	grade 12	Tenafly H. S.
Julia Dugas/CM.12	grade 10	Woodbridge H. S.

Meteorology Awards

Metric Awards

Microbiology Awards

Theobald Smith Society Award in Microbiology

Elisa Falanga/MB.01	grade 12	Pascack Hills H. S.
Karoline Menze/MB.01	grade 12	Pascack Hills H. S.
Danny Jeong/MB.02	grade 12	Pascack Hills H. S.
Celine Aliko/MB.02	grade 12	Pascack Hills H. S.
Daniel Lee/MB.03	grade 12	Tenafly H. S.
Jimin Kim/MB.04	grade 10	Pascack Hills H. S.
David Kim/MB.04	grade 11	Pascack Hills H. S.
Alexis Kaloustian/PS.02	grade 10	Pascack Hills H. S.
Nicole Litt/PS.02	grade 10	Pascack Hills H. S.

Mu Alpha Theta Awards

Seo Yeong (Shauna) Kwag/MA.01	grade 11	Blair Acad.
Taeyang (David) Park/MA.01	grade 10	Peddie School
Matthew Chen/MA.06	grade 12	Ridge H.S.

NASA Earth System Science Awards

Jonathan Seo/CS.04	grade 10	Academies@Englewood
Stephen Daramola/EN.06	grade 10	Woodbridge H. S.

Naval Science Awards

Sharmi Shah/EN.02	grade 12	Colonia H. S.
Esha Shah/EN.07	grade 12	Colonia H. S.
Royce Moon/EN.10	grade 10	Dwight-Englewood

NOAA Pulse of the Planet Awards

Yuvanshu Agarwal/CS.01	grade 10	Acad. for Math, Science & Engineering
Abhisar Mittal/CS.01	grade 10	Acad. for Math, Science & Engineering

Psychology Awards

Jessica Yeager/BS.04	<i>American Psychological Association Award</i> grade 12	Millburn H.S.
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Ricoh Sustainable Development Awards

Stephen Daramola/EN.06	grade 10	Woodbridge H. S.
Esha Shah/EN.07	grade 12	Colonia H. S.

Statistics Awards

Gene Hee Park/MA.02	<i>Statistics First Place Award</i> grade 11	Cresskill H. S.
Sophie Andrews/BE.02	<i>Statistics Second Place Award</i> grade 12	Chatham H.S.
Jessica Yeager/BS.04	<i>Statistics Third Place Award</i> grade 12	Millburn H.S.
Victoria Pietrunti/BS.06	grade 10	Pascack Hills H. S.
Isabella Sanar/BS.06	grade 10	Pascack Hills H. S.
Noah Hirshfield/AN.16	<i>Statistics Honorable Mention Award</i> grade 10	Pascack Hills H. S.
Sean McNeice/AN.16	grade 10	Pascack Hills H. S.
Talia Grace Boyajian/AN.19	grade 12	Pascack Hills H. S.
Rachel Patricia Kuri/AN.19	grade 12	Pascack Hills H. S.

Stockholm Junior Water Prizes

Naomy Arias Fernandez/CM.01	<i>Water Environment Foundation Award</i> grade 12	Colonia H. S.
Yuvanshu Agarwal/CS.01	grade 10	Acad. for Math, Science & Engineering
Abhisar Mittal/CS.01	grade 10	Acad. for Math, Science & Engineering
Jaspar Bachman/EV.08	grade 10	Pascack Hills H. S.
Julia Funke/EV.08	grade 10	Pascack Hills H. S.
Gillian Feder/EV.09	grade 11	Pascack Valley H. S.
Kathleen Gifford/EV.09	grade 11	Pascack Valley H. S.

Yale Science and Engineering Awards

Evan Tulsy/CM.05

Avinash A Kumar/CS.05

Ishani Dave/CS.05

grade 11

grade 11

grade 11

Summit H. S.

Middlesex Acad for Science & Engineering

Middlesex Acad for Science & Engineering