

**Nokia Bell Labs  
North Jersey Regional Science Fair  
Awards List 2021**

*Do Not Release prior to 9:00 p.m. \*Thursday\*, March 25, 2021*

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) , Biochemistry and Molecular Biology (CB) , Bioinformatics and Computational Biology (BF) , Biostatistics (BT) , Chemistry (CH) , Computer Science (CS) , Earth & Environmental Sciences (EV) , Engineering (EN) , Mathematics (MA) , Microbiology (MB) and Plant Sciences (PS). These project numbers are used throughout this list to identify the projects.

## Overall Fair Awards

### ISEF Grand Prize

Six projects, including up to one team, will advance to the 2021 Regeneron ISEF virtual competition. Students will also receive a cash award of \$300, in lieu of trips to ISEF.

#### ISEF Grand Prize

Advances to the 2021 Regeneron ISEF virtual competition and receives a cash award of \$300.

|       |   |  |
|-------|---|--|
| AN.08 | Hannah Park   | Tenafly High School  |
|       | <i>Immunohistochemical Analysis Suggests a Role for Tmem131 in Thymic Epithelial Cell Differentiation</i> |  |
| BF.05 | Ryan S Park   | Millburn H.S.  |
|       | <i>V-BIND: Deep Geometric Transformers for SARS-CoV-2 Treatment Design</i>                                |  |
| BT.03 | Shruti Tyagi  | Middlesex County Academy for Allied Health and Biomedical Sciences |
|       | <i>Identification of Synovial Tissue Biomarkers in Late-Onset Rheumatoid Arthritis Patients</i>           |  |
| BT.05 | Matthew Lee   | East Brunswick HS  |
|       | <i>Differential Expression Analysis and Transcriptomic Characterization of Glioma Progression</i>         |  |
| CS.03 | Rohan R. Kulkarni<br>Ansh G. Sharma   | Montgomery H.S.  |
|       | <i>Improving Upon Quantum Cryptography Protocols Using Entanglement and Quantum Signatures</i>            |  |
| MA.05 | William Li  | Delbarton School   |
|       | <i>Lebesgue Measure Preserving Thompsons Monoid</i>   |  |
|       | ISEF Grand Prize, 1st Alternate   |  |
|       | Alternate for the 2021 Regeneron ISEF virtual competition and a cash award of \$100.                      |  |
| BF.07 | Abinaya Dinesh  | North Brunswick Township High School                               |
|       | <i>Tracking Saccades with Machine Learning to Diagnose Autism Spectrum Disorder</i>                       |  |

## Nokia Bell Labs Distinguished Research Awards

The Distinguished Research Award recognizes students that identify a disruptive idea or solution and apply it to a real-world problem. The winners of this award will receive a year-long mentorship with a distinguished Bell Labs Researcher plus a cash award and trophy. All Nokia Bell Labs Distinguished Research Awardees will spend a day at Bell Labs (once COVID restrictions are lifted) to see Nokias cutting-edge research first-hand.

|       |  |                           |
|-------|--|---------------------------|
|       | Nokia Bell Labs Distinguished<br>Research Award, First Place<br>Year-long mentorship with Bell Labs Researcher, \$300 Cash award, and trophy   |                           |
| BF.05 | Ryan S Park<br><i>V-BIND: Deep Geometric Transformers for SARS-CoV-2 Treatment Design</i><br>Nokia Bell Labs Distinguished<br>Research Award, Second Place<br>Year-long mentorship with Bell Labs Researcher, \$150 Cash award, and trophy | Millburn H.S.             |
| MA.02 | Stephen Andrews<br><i>Sum Edge Coloring - When is the Problem Efficiently Solvable?</i><br>Nokia Bell Labs Distinguished<br>Research Award, Third Place<br>Year-long mentorship with Bell Labs Researcher, \$75 Cash award, and trophy     | Chatham H.S.              |
| AN.01 | Ava Elyse Henrich<br>Melissa Maday<br><i>The Effect of Propylene Glycol and Vegetable Glycerin Combinations on Amyotrophic Lateral Sclerosis</i>   | Pascack Hills High School |

## 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<br>4-year fellowship at NJIT, \$1000/yr  |                                     |
| EN.09 | Skywalker Li<br><i>Voice Activated Spice Machine</i>  | Newark Academy                      |
| EN.11 | Daniel Zeng<br><i>Sterilization and Recharging of N95 Respirators</i><br>NJIT Academic Fellowship<br>First Alternate<br>Alternate for 4-year fellowship at NJIT                                     | Watchung Hills Regional High School |
| CS.10 | William Kaminski<br><i>Performing Bell State Measurements on Two-Qubit States Using Machine Learning</i><br>NJIT Academic Fellowship<br>Second Alternate<br>Alternate for 4-year fellowship at NJIT | Tenafly High School                 |
| BT.10 | Melanie Chen<br><i>Study of the Differences Between COVID-19 and COPD Patients Lung CT Scans</i>  | South Brunswick High School         |

## 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  
Scholarship to enroll in one credit-bearing college course at NJIT.

- BF.09 Rishi Purohit Somerville High School  
*Retinal Vessel Segmentation Using U-Net and Transfer Learning*  
NJIT CPCP Academy Scholarship  
First Alternate  
Alternate for scholarship to enroll in one credit-bearing college course at NJIT.
- CS.01 Aashika Jagadeesh Fair Lawn High School  
*FreeFeed: AI Application to Combat Information Bias With Multilateral Perspectives*

## Kean University STEM Research Scholar Award

The NJ Center for Science, Technology and Mathematics at Kean University is awarding one student demonstrating a commitment to excellence and scholarship in any category of science, technology, engineering or mathematics research. The awardee will receive a full scholarship into the Group Summer Scholars Research Program (valued at \$1850), a 6-week authentic research experience, under guidance of Kean Faculty in the fields of genetics, cell and molecular biology, microbiology, analytical chemistry, medicinal chemistry, applied mathematics, or scientific computing..

Kean University STEM Scholar Award  
Full scholarship to the Summer Scholars Research Program

- BT.05 Matthew Lee East Brunswick HS  
*Differential Expression Analysis and Transcriptomic Characterization of Glioma Progression*  
Kean University STEM Scholar Award  
First Alternate  
Alternate for scholarship to the Summer Scholars Research Program
- MA.03 Grace Yeeun Park Palisades Park Jr./Sr. high School  
*On the smallest  $(n-1)$ -gon containing a convex  $n$ -gon*  
Kean University STEM Scholar Award  
Second Alternate  
Alternate for scholarship to the Summer Scholars Research Program
- CS.05 Andy Xu Millburn H.S.  
*DivumNet: 12 Hour Precipitation Forecasting Using A Neural Network*

## Regeneron Biomedical Science Award

Awarded to an exceptional student scientist who not only demonstrates an impressive command of biomedical science and research but also embodies the core values and behaviors espoused by Regeneron.

Regeneron Biomedical Science Award

\$500 cash award.

|       |              |   |
|-------|--------------|---|
| BT.03 | Shruti Tyagi | Middlesex County Academy for Allied<br>Health and Biomedical Sciences |
|-------|--------------|---|

*Identification of Synovial Tissue Biomarkers in Late-Onset Rheumatoid Arthritis Patients*

## Category Awards

First Place

a \$200 cash award and a certificate.

|       |                                     |   |
|-------|-------------------------------------|---|
| AN.08 | Hannah Park                         | Tenafly High School   |
| BF.05 | Ryan S Park                         | Millburn H.S.   |
| BF.07 | Abinaya Dinesh                      | North Brunswick Township High School                                  |
| BS.03 | Sarah Pajaro                        | Woodbridge High School  |
| BT.03 | Shruti Tyagi                        | Middlesex County Academy for Allied<br>Health and Biomedical Sciences |
| BT.05 | Matthew Lee                         | East Brunswick HS   |
| CH.04 | Zoe N. Zachko                       | Tenafly High School   |
| CS.03 | Rohan R. Kulkarni<br>Ansh G. Sharma | Montgomery H.S.   |
| CS.13 | Amogh Joshi                         | South Brunswick High School   |
| EN.10 | Kathy Zhang                         | Tenafly High School   |
| EV.01 | Madeleine Miller                    | Pascack Valley High School  |
| MA.05 | William Li                          | Delbarton School  |

Second Place

a \$100 cash award, and a certificate.

|       |                                  |                                     |
|-------|----------------------------------|-------------------------------------|
| AN.10 | Anna Schwartz<br>Sharon Eastburn | Princeton high school               |
| BF.06 | Mihir Rao                        | Chatham H.S.                        |
| BF.11 | Arjun Singh                      | Watchung Hills Regional High School |
| BF.12 | Chaeyoung Lee                    | Tenafly High School                 |
| BS.02 | Priya Devang Patel               | John P. Stevens High School         |
| BS.06 | Vidhi Desai                      | Colonia High School                 |
| BT.02 | Xinyue Fan                       | Chatham H.S.                        |
| CB.03 | Helen Zheng                      | Watchung Hills Regional High School |
| CB.04 | Sahasra Pokkunuri                | Old Bridge High School              |
| CS.04 | Angelina Xu                      | Ridge H.S.                          |

|       |                               |                                    |
|-------|-------------------------------|------------------------------------|
| EN.09 | Skywalker Li                  | Newark Academy                     |
| EV.06 | Alana Kimball<br>Hannah Nadel | Pascack Hills High School          |
| MA.01 | Anais Lee                     | Academies@Englewood                |
| MA.03 | Grace Yeeun Park              | Palisades Park Jr./Sr. high School |
| PS.07 | Katie Nguyen                  | Woodbridge High School             |

Third Place  
a \$50 cash award and a certificate.

|       |                                  |                                       |
|-------|----------------------------------|---------------------------------------|
| AN.05 | Lina Kim<br>Yunsung Lee          | Pascack Hills High School             |
| BF.02 | Aaryan Pugazendhi                | Millburn H.S.                         |
| BT.06 | Duaa Raza                        | Diana C. Lobosco STEM Academy         |
| CB.01 | Megan Lavelle                    | Colonia High School                   |
| CH.01 | Timothy Kim                      | Eastern Christian High School         |
| CH.03 | Julia Funke<br>Jaspar Bachman    | Pascack Hills High School             |
| CS.06 | Yuvanshu Agarwal                 | Acad. for Math, Science & Engineering |
| EN.03 | Hyun Woo Ro                      | Dwight-Englewood                      |
| EV.05 | Emma Epiphaniou<br>Ava Massaro   | Pascack Valley High School            |
| MA.02 | Stephen Andrews                  | Chatham H.S.                          |
| PS.06 | Juliana Di Cosmo<br>Nicole Jorge | Colonia High School                   |

Honorable Mention  
a certificate

|       |                                    |   |
|-------|------------------------------------|---|
| AN.02 | Nina A. Hayes                      | Pascack Hills High School                             |
| AN.03 | Nicole Litt<br>Victoria Pietrunti  | Pascack Hills High School                             |
| AN.07 | Joshua Junyoung Yoon               | Eastern Christian High School                         |
| BT.10 | Melanie Chen                       | South Brunswick High School                           |
| CS.10 | William Kaminski                   | Tenafly High School                                   |
| EN.04 | Ryan Park                          | Livingston High School                                |
| EN.13 | Dylan Liu-Walter                   | Millburn H.S.   |
| MA.04 | Kevin Fu                           | Watchung Hills Regional High School                   |
| PS.01 | Elizabeth Masyukova<br>Maggie Chua | Pascack Hills High School                             |
| PS.04 | Charlene Cai                       | Somerset County Vocational & Technical<br>High School |

## Special Awards

### 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

BS.06

Vidhi Desai

Colonia High School

EN.09

Skywalker Li

Newark Academy

Karen Kranz Memorial Award  
Honorable Mention  
\$100 cash award

### Biochemistry and Molecular Biology award

The FDU student chapter of the American Society of Biochemistry and Molecular Biology sponsors a cash award of \$50 to an individual project that has done a remarkable job in the field of Biochemistry and Molecular Biology. The winner needs to send in the acknowledgement form to the FDU BMB chapter to receive the award. Selected by member(s) of the FDU student chapter of ASBMB.

Biochemistry and Molecular Biology Award  
\$50.00 to an individual project

BF.05

Ryan S Park

Millburn H.S.

### Biophysics Award

The Biophysical Society sponsors an award for the best biophysics-related project. This could include projects that investigate cells, DNA, or proteins; develop instruments for detecting, purifying, imaging, and manipulating chemicals and materials; develop materials and devices for treating disease; or study bioremediation and biofuels. The winner will be recognized in upcoming Society publications.

Biophysics Award  
\$100 cash award and a certificate

CB.04

Sahasra Pokkunuri

Old Bridge High School

## **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  
\$250 VISA gift card, plus other awards

|       |  |                             |
|-------|--|-----------------------------|
| BT.05 | Matthew Lee  | East Brunswick HS           |
|       | Cancer Research Award, Second Place<br>\$150 VISA gift card, plus other awards |                             |
| BS.02 | Priya Devang Patel   | John P. Stevens High School |
|       | Cancer Research Award, Third Place<br>\$100 VISA gift card, plus other awards  |                             |
| BT.02 | Xinyue Fan   | Chatham H.S.                |

## **Computing Awards**

The Association for Computing Machinery sponsors 1-year student memberships to the Association for projects advancing the fields of computer science and computer engineering.

Association for Computing Machinery Award  
1-year Student Membership to Association for Computing Machinery

|       |                                     |                                      |
|-------|-------------------------------------|--------------------------------------|
| BF.05 | Ryan S Park                         | Millburn H.S.                        |
| BF.06 | Mihir Rao                           | Chatham H.S.                         |
| BF.07 | Abinaya Dinesh                      | North Brunswick Township High School |
| BF.11 | Arjun Singh                         | Watchung Hills Regional High School  |
| BF.12 | Chaeyoung Lee                       | Tenafly High School                  |
| CS.03 | Rohan R. Kulkarni<br>Ansh G. Sharma | Montgomery H.S.                      |
| CS.04 | Angelina Xu                         | Ridge H.S.                           |
| CS.13 | Amogh Joshi                         | South Brunswick High School          |

## **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  
\$210 cash award

|       |             |                  |
|-------|-------------|------------------|
| EN.03 | Hyun Woo Ro | Dwight-Englewood |
|-------|-------------|------------------|

## 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

|       |             |                                     |
|-------|-------------|-------------------------------------|
| EN.03 | Hyun Woo Ro | Dwight-Englewood                    |
| EN.11 | Daniel Zeng | Watchung Hills Regional 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

|       |              |                        |
|-------|--------------|------------------------|
| EN.10 | Kathy Zhang  | Tenafly High School    |
| PS.07 | Katie Nguyen | Woodbridge 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.08 | Hannah Park  | Tenafly High School |
|       | Human Genetics Award, Second Place<br>\$100 cash and a certificate |                     |

|       |              |  |
|-------|--------------|--|
| BT.03 | Shruti Tyagi | Middlesex County Academy for Allied Health and Biomedical Sciences |
|-------|--------------|--|

## IEEE NJ Young Engineer Award

IEEE North Jersey Section sponsors awards to TWO projects in Engineering, Math, Physics and Biomedical Engineering that demonstrate the use of sound engineering principles.

IEEE Young Engineer Award  
\$250 cash and a certificate of achievement.

|       |              |                     |
|-------|--------------|---------------------|
| EN.09 | Skywalker Li | Newark Academy      |
| EN.10 | Kathy Zhang  | Tenafly High School |



## **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

## **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.11 | Isabelle Yan        | Tenaflly High School  |
| CH.07 | Jonathan Slohoda    | Woodbridge High School  |
| EN.01 | Geonhun Lee         | Bergen Catholic High School   |
| EN.07 | Udgita Pamidigantam | Middlesex Academy of Science, Mathematics, and Engineering Technology |

## **Journal of Emerging Investigators Awards**

The students awarded will have an opportunity to publish their work in the Journal of Emerging Investigators, a journal published at Harvard University. The award includes mentoring by graduate students at research universities across the country. The Finalist Award is given to all First Place winners. The Scientific Communication Award is given to projects selected for excellence in communicating technical subjects.

JEI Finalist Award

An opportunity to publish their work in the JEI.

|       |                                     |  |
|-------|-------------------------------------|--|
| AN.08 | Hannah Park                         | Tenaflly High School   |
| BF.05 | Ryan S Park                         | Millburn H.S.  |
| BF.07 | Abinaya Dinesh                      | North Brunswick Township High School                               |
| BS.03 | Sarah Pajaro                        | Woodbridge High School   |
| BT.03 | Shruti Tyagi                        | Middlesex County Academy for Allied Health and Biomedical Sciences |
| BT.05 | Matthew Lee                         | East Brunswick HS  |
| CH.04 | Zoe N. Zachko                       | Tenaflly High School   |
| CS.03 | Rohan R. Kulkarni<br>Ansh G. Sharma | Montgomery H.S.  |
| CS.13 | Amogh Joshi                         | South Brunswick High School  |
| EN.10 | Kathy Zhang                         | Tenaflly High School   |
| EV.01 | Madeleine Miller                    | Pascack Valley High School   |
| MA.05 | William Li                          | Delbarton School   |

Scientific Communication Award

An opportunity to publish their work in the JEI.

|       |                  |                                     |
|-------|------------------|-------------------------------------|
| BF.11 | Arjun Singh      | Watchung Hills Regional High School |
| BF.12 | Chaeyoung Lee    | Tenafly High School                 |
| CS.04 | Angelina Xu      | Ridge H.S.                          |
| EN.09 | Skywalker Li     | Newark Academy                      |
| MA.01 | Anais Lee        | Academies@Englewood                 |
| MA.03 | Grace Yeeun Park | Palisades Park Jr./Sr. 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

|       |                  |                        |
|-------|------------------|------------------------|
| CH.04 | Zoe N. Zachko    | Tenafly High School    |
| CH.07 | Jonathan Slohoda | Woodbridge High School |

## Mathematics Special Award

The NJ Chapter of the American Statistics Assn sponsors two \$50 cash awards for projects in mathematics.

Mathematics Award  
a \$50 cash award

|       |                  |                                    |
|-------|------------------|------------------------------------|
| BF.13 | Yuxuan Tian      | Rutgers Prep                       |
| MA.03 | Grace Yeeun Park | Palisades Park Jr./Sr. 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

|       |            |                                     |
|-------|------------|-------------------------------------|
| MA.04 | Kevin Fu   | Watchung Hills Regional High School |
| MA.05 | William Li | Delbarton 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

|       |            |                           |
|-------|------------|---------------------------|
| BT.11 | Andrew Kim | Montclair Kimberley Acad. |
| CS.07 | Akul Sethi | Pascack Hills High School |

## Naval Science Awards

The Office of Naval Research awards 4 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

|       |              |                                     |
|-------|--------------|-------------------------------------|
| EN.02 | Willy Chan   | Chatham H.S.                        |
| EN.03 | Hyun Woo Ro  | Dwight-Englewood                    |
| EN.09 | Skywalker Li | Newark Academy                      |
| EN.11 | Daniel Zeng  | Watchung Hills Regional High School |

## NOAA Pulse of the Planet Awards

The National Oceanic and Atmospheric Administration awards two projects that emphasize NOAA's mission of Science, Service, and Stewardship.

NOAA Pulse of the Planet Award

Award certificate and Letter

|       |                               |                            |
|-------|-------------------------------|----------------------------|
| EV.01 | Madeleine Miller              | Pascack Valley High School |
| EV.06 | Alana Kimball<br>Hannah Nadel | Pascack Hills High School  |

## Psychology Awards

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

American Psychological

Association Award

Certificate of achievement

|       |                    |                             |
|-------|--------------------|-----------------------------|
| BS.02 | Priya Devang Patel | John P. Stevens 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

|       |  |                            |
|-------|--|----------------------------|
| EN.08 | Leah Ashley Glasser<br>Alexandra Leigh Spadafino | Pascack Valley High School |
| EN.13 | Dylan Liu-Walter                                 | Millburn H.S.              |

## 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

|       |                               |                            |
|-------|-------------------------------|----------------------------|
| EV.01 | Madeleine Miller              | Pascack Valley High School |
| EV.06 | Alana Kimball<br>Hannah Nadel | Pascack Hills High School  |

## USAID Science Champion Award

Awarded to 2 projects with relevance to solving an important global development challenge, i.e. environmental and food security, education, global climate change, global health, water and sanitation, etc.

USAID Science Champion Award

Certificate

|       |                  |                        |
|-------|------------------|------------------------|
| BF.01 | Zara Yu          | Kinnelon High School   |
| CH.07 | Jonathan Slohoda | Woodbridge 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

|       |                |                                     |
|-------|----------------|-------------------------------------|
| CS.07 | Akul Sethi     | Pascack Hills High School           |
| CS.11 | Vansh Harkawat | Watchung Hills Regional High School |

## 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

|       |                  |                                       |
|-------|------------------|---------------------------------------|
| BS.06 | Vidhi Desai      | Colonia High School                   |
| CS.06 | Yuvanshu Agarwal | Acad. for Math, Science & Engineering |
| MA.05 | William Li       | Delbarton School                      |

## **Freshman Participation Award**

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

Freshman Participation Award

\$20 cash award

EN.07

Udgita Pamidigantam

Middlesex Academy of Science, Mathematics, and Engineering Technology