

# Beal Bank Grand Prize Winners

# Junior Division | Life Science

Through the Tinted Glass

Winston Gruver Renner Middle School

#### **Environmental Engineering**

Akshay Unnik9 reW\*n0/TT2 8.0

# Biomedical Engineering & Computational Biology and Bioinformatics

Athul Mohanram Lawler Middle School FRISCO ISD Beal Bank First Prize

Vishnu Vasudev Fowler Middle School FRISCO ISD Beal Bank Second Prize

Sara Salazar Frankford Middle School PLANO ISD Beal Bank Third Prize

Shrey Joshi Vandeventer Middle School FRI SCO I SD The Cooper Institute -Exercise/ Health/ Nutrition, 1st Place

#### Microbiology

Adithi Rallapalli Renner Middle School PLANO ISD Beal Bank First Prize

Shakti Ramakrishna Renner Middle School PLANO ISD Beal Bank First Prize

Aarav Metai Griffin Middle School FRI SCO I SD Beal Bank Second Prize

Fatima Azam
Brighter Horizons Middle School
PAROCHIAL
Beal Bank Third Prize

#### Plant Sciences

Shriya Bhat
Otto Middle School
PLANO ISD
Beal Bank Grand Prize
Beal Bank First Prize

Maya Brown Frankford Middle School FRISCO ISD Beal Bank Second Prize

Kyle Jilla Frankford Middle School FRI SCO I SD Beal Bank Third Prize Aryan Karthik
Pioneer Heritage Middle School
FRISCO ISD
State of Texas Chapter - Health
Physics Society - STC-HPS
Science Fair Excellence Award

Rishi Leburu Pioneer Heritage Middle School FRISCO ISD State of Texas Chapter - Health Physics Society - STC-HPS Science Fair Excellence Award

Kristian Araya Murphy Middle School PLANO ISD National Space Society of North Texas Space Exploration Scholarship 2<sup>nd</sup> Place

Travis Gulledge Wester Middle School FRISCO ISD Office of Naval Research - Naval Science Award, Junior Division

Landon Scharf
Hendrick Middle School
PLANO ISD
Acoustical Society of America
Outstanding Junior Acoustic Project
Office of Naval Research - Naval
Science Award, Junior Division

#### Material Science

Valerie Tang Haggard Middle School PLANO ISD Beal Bank First Prize

Ibraheem Morsy Brighter Horizons Middle School PAROCHIAL Beal Bank Second Prize

Makenzie Lang Murphy Middle School PLANO ISD Beal Bank Third Prize

Christopher Garfield Sebert Robinson Middle School PLANO ISD ASM Materials Education North Texas Chapter - Best Innovative Research Junior Division

Lindsey Yoder Haggard Middle School PLANO ISD Office of Naval Research - Naval Science Award, Junior Division

# Mathematics & Systems Software

Ryan Patel
Pearson Middle School
FRISCO ISD
Beal Bank First Prize

Ronit Totlani Pearson Middle School FRISCO ISD Beal Bank First Prize

Patrick Lu
Schimelpfenig Middle School
PLANO ISD
Beal Bank Second Prize
Office of Naval Research - Naval
Science Award, Junior Division
Rockwell Collins Leader ship
Association - Outstanding
Communications Project, Junior, 1st
Place

Jaafar Alumary School For The Highly Gifted GRAND PRAIRIE ISD Beal Bank Third Prize

Cole Bratton
School For The Highly Gifted
GRAND PRAIRIE ISD
Beal Bank Third Prize

Isaias Hernandez School For The Highly Gifted GRAND PRAIRIE ISD Beal Bank Third Prize

#### Physics and Astronomy

Justin Simms
Murphy Middle School
PLANO ISD
Beal Bank First Prize

Aileen Moseley Irma Rangel Young Women's Leadership School - Middle School DALLAS ISD Beal Bank Second Prize

Judith Rodriguez Irma Rangel Young Women's Leadership School - Middle School DALLAS ISD Beal Bank Second Prize

Lyriq Turner Irma Rangel Young Women's Leadership School - Middle School DALLAS ISD Beal Bank Second Prize

Cyruss Evans
JL Long Middle School
DALLAS ISD
Beal Bank Third Prize

Amitha Mandava
Otto Middle School
PLANO ISD
American Radio Relay League:
McKinney Amateur Radio Club,
Inc. - Junior, 1st Place

Keller Reeves
Pearson Middle School
FRI SCO I SD
Rockwell Collins Leadership
Association - Outstanding
Communications Project Junior,
2nd Place

#### Robotics & Intelligent Machines

Adil Husain Rice Middle School PLANO ISD Beal Bank First Prize Office of Naval Research - Naval Science Award, Junior Division

Aditya Mishra
Murphy Middle School
PLANO ISD
Beal Bank Second Prize
Texas Instruments - Best
Electronics or Computing Project,
Junior Division

Dhruv Chanana Fowler Middle School FRISCO ISD Beal Badkle Bichochize

Ojas Kaveeshwar Pearson Middle Schoo

#### Beal Bank Grand Prize Winners

### Senior Division | Life Science

TheraArm: Orthosis Therapy for Arm Rehabilitation and Movement Assistance

Plano East Senior High School, Plano ISD

Agrobotics

Plano West Senior High School, Plano ISD

# Senior Division | Physical Science

Optimizing and Fine-Tuning Electrode Pore Sizes Utilizing Varying Ratios of the Immiscible Polymer Blend PAN-PS for High Energy Density and Wide Temperature Range Supercapacitors

Plano East Senior High School, Plano ISD

Bioremediation of Tetracycline Polluted Soils: How Antibiotic Resistance can Reduce Antibiotic Pollution

# Student Awards - Life Sciences

Noah Mathai Jasper High School PLANO ISD

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Andrei Spiride Plano East Senior High School PLANO ISD Beal Bank Grand Prize Beal Bank First Prize

Rakaan Alhaddad Plano East Senior High School PLANO ISD Beal Bank Second Prize

Rohan Mehta Plano East Senior High School PLANO ISD Beal Bank Second Prize

Sophie Krajmalnik Shepton High **School** PLANO ISD Beal Bank Third Prize**Tar9 n B** 

Physics Society, STC

# Computational Biology and Bioinformatics

Rithvik Ganesh Jasper High School PLANO ISD Beal Bank First Prize

Adith Gangalakunta Jasper High School PLANO ISD Beal Bank Second Prize

Charles Hou
Jasper High School
PLANO ISD
Beal Bank Second Prize

Kaustubh Sonawane Jasper High School PLANO ISD

Russell Ramsay Dallas Int43.29 9 re ()3 ()/ 12 Tf63.62

# **Senior Division**

# Student Awards - Physical Sciences

### Chemistry

Zain Zaidi Coppell High School COPPELL ISD Beal Bank First Prize

Rujula Polu Coppell High School COPPELL ISD Beal Bank Second Prize

Mina Phipps McMillen High School PLANO ISD Beal Bank Third Prize

# Earth and Environmental Sciences

Sanjana Hiremath
Plano East Senior High School
PLANO ISD
Beal Bank Grand Prize
Beal Bank First Prize

Mahati Shastry Coppell High School COPPELL ISD Beal Bank Second Prize

Nicole Ahsan Plano East Senior High School PLANO ISD Beal Bank Third Prize

Iniya Anandan Plano East Senior High School PLANO ISD Beal Bank Third Prize

Reanna Selvaraj Plano East Senior High School PLANO ISD Beal Bank Third Prize

Kavya Muralidhar Plano East Senior High School PLANO ISD

Sriya Teerdhala Plano East Senior High School PLANO ISD Beal Bank Grand Prize Beal Bank First Prize

# Energy: Physical

Eshan Chhabra Plano Senior High School PLANO ISD Beal Bank First Prize Nethra Krishnan Jasper High School PLANO ISD

Benjamin Li Plano West Senior High School PLANO ISD Beal Bank Second Prize

Richard Wille McMillen High School PLANO ISD Beal Bank Third Prize

Om Dodiya The Academy High School PLANO ISD

**Engineering Mechanics** 

#### Physics and Astronomy

Nicholas Zhong Plano West Senior High School PLANO ISD Beal Bank First Prize

Pranathi Pilla Jasper High School PLANO ISD Beal Bank Second Prize

Saisrinivas Gudivada Plano East Senior High School PLANO ISD Beal Bank Third Prize

Katherine Forson Shepton High School PLANO ISD

### Robotics & Intelligent Machines

Harshal Bharatia Vines High School PLANO ISD Beal Bank Grand Prize Runner Up Beal Bank First Prize

Pranav Nathan Jasper High School PLANO ISD Beal Bank Second Prize

