

Senior Division Category Winners

Place	Project #	Category	First Name	Last Name	School	Project Title
4	SBHTS02	Biomedical, Health and Translational Medical Sciences	Samuel	Lacoume	Holy Cross School	What video game makes your heart beat fastest?
4	SBHTS05	Biomedical, Health and Translational Medical Sciences	Anjali	Dasa	Isidore Newman School	A Novel Infusion Technology Can Reduce Surgical Infections
4	SCBBE01	Computational Biology, Bioinformatics, and Biomedical Engineering	Lillie	Dodd	Isidore Newman School	Designing a Better Infant Helmet
4	SCBBE03	Computational Biology, Bioinformatics, and Biomedical Engineering	Lamija	Habib	Patrick F. Taylor Science & Technology Academy	How can Aquatic System Simulations and probabilistic coding help scientists solve Louisiana's hypoxic water problem?
4	SEAEV07T	Earth and Environmental Sciences	Morgan	Breaux	Isidore Newman School	New Orleans Lead Content In Relation to Mardi Gras
4	SEAEV07T	Earth and Environmental Sciences	Lilly	Pollack	Isidore Newman School	New Orleans Lead Content In Relation to Mardi Gras

Senior Division Category Winners

Place	Project #	Category	First Name	Last Name	School	Project Title
4	SEAEV09	Earth and Environmental Sciences	Kaleb	Hall	Kenner Discovery Health Sciences High School	Exploring Indoor Air Quality Disparities Across Multiple Floors
4	SEAEV12	Earth and Environmental Sciences	Maaz	Rathor	Patrick F. Taylor Science & Technology Academy	Exploring Phthalates Awareness and Plastic Utilization Among Middle School Students
4	SENEV03	Environmental Engineering	Jonah	Richard	Holy Cross School	All Gassed Up: Collecting Methane from Wastewater to Separate Sludge
4	SERIM04	Embedded Systems, Robotics and Intelligent Machines	Osman	Matute	Sci High	Cleaning Robot
4	SMASS01	Mathematics and Systems Software and Technology Enhances the Arts	Peter	Schissel	Holy Cross School	What is the effect of changing baseball stadium dimensions on baseball players' statistics?
4	SMATS07	Materials Science	Kennedy	Delone	Sci High	Which Chocolate melts the fastest?

Senior Division Category Winners

Place	Project #	Category	First Name	Last Name	School	Project Title
4	SMATS08	Materials Science	Life	Sacco	Isidore Newman School	Sustainable Housing Solutions: A Comparative Analysis of Insulation Performance in Wood and Concrete Structures
4	SMATS09	Materials Science	Ciannah	Stampley	Sci High	OMG ! LOOK AT THAT LASH
4	SMCRO01T	Microbiology	Matthew	Krail	Holy Cross School	What are the effects of alcohol on killing bacteria on a wrestling mat?
4	SMCRO01T	Microbiology	Michael	Taylor	Holy Cross School	What are the effects of alcohol on killing bacteria on a wrestling mat?
4	SMCRO04	Microbiology	Gabrielle	Coste	Patrick F. Taylor Science & Technology Academy	Looking Into the Past for the Future: Pectoral Decoction vs. Dextromethorphan
4	SPLNT10	Plant Sciences	Rhianna	Jackson	Kenner Discovery Health Sciences High School	The Effect of Preservation Methods in Strawberries on the Color, pH, and the Total Soluble Sugars or Solids

Senior Division Category Winners

Place	Project #	Category	First Name	Last Name	School	Project Title
3	SANIM01	Animal Sciences	Nakhi	Brown	Holy Cross School	Does music affect pill bug behavior?
3	SBEHA07	Behavioral and Social Sciences	Kevin	Nguyen	Patrick F. Taylor Science & Technology Academy	Comparison of third generation immigrant cultural identity development in comparison to second generation in New Orleans
3	SBHTS11	Biomedical, Health and Translational Medical Sciences	Christina	Le	Patrick F. Taylor Science & Technology Academy	The Best Healthy Roux: The Effects of Various Oils and Flours
3	SCBBE02	Computational Biology, Bioinformatics, and Biomedical Engineering	Thomas	Gershanik	Isidore Newman School	Using GSR to Create a Device to Measure Sweat Rate
3	SEAEV06	Earth and Environmental Sciences	Andrew	Brandt	Isidore Newman School	Testing Soils for Antibiotic Resistant Genes

Senior Division Category Winners

Place	Project #	Category	First Name	Last Name	School	Project Title
3	SENEV04	Environmental Engineering	Paxton	Veale	Holy Cross School	Hydroponics versus Traditional Planting Methods
3	SERIM02	Embedded Systems, Robotics and Intelligent Machines	Johnny	Signorelli	John Curtis Christian	Can high school English teacher recognize AI generated essays when compared to student written essays?
3	SMASS03	Mathematics and Systems Software and Technology Enhances the Arts	Ellie	Soto	Kenner Discovery Health Sciences High School	The Potential of Mobile Pharmacy App on the United States Medical Adherence Rates of Underrepresented Individuals
3	SMATS05	Materials Science	Matthew	Enos	Patrick F. Taylor Science & Technology Academy	Improving Durability and Biodegradability in Plastic Gloves
3	SMCRO02	Microbiology	Ryan	Mancuso	Holy Cross School	What effects do storage conditions of an instrument have on the accumulation of bacteria on the mouthpiece?

Senior Division Category Winners

Place	Project #	Category	First Name	Last Name	School	Project Title
3	SPLNT05T	Plant Sciences	Jackson	Fitzpatrick	Isidore Newman School	Succulent Surfaces as a Low Carbon Solution for the Urban Heat Island Effect
3	SPLNT05T	Plant Sciences	Rivers	LeLong	Isidore Newman School	Succulent Surfaces as a Low Carbon Solution for the Urban Heat Island Effect

Senior Division Category Winners

Place	Project #	Category	First Name	Last Name	School	Project Title
2	SANIM02	Animal Sciences	Georgia	Biever	Isidore Newman School	Examining Shape Preference in <i>Felis domestica</i>
2	SBCMB01	Biochemistry, Cellular and Molecular Biology	Avery	Pernia	Haynes Academy for Advanced Studies	Cellular comparison of reptilian vs. mammalian cells and application of regenerative processes
2	SBEHA05	Behavioral and Social Sciences	Riley	Doherty	Patrick F. Taylor Science & Technology Academy	MEASURING THE EFFECTS OF ARTS COURSES ON CREATIVE THINKING IN HIGH SCHOOL STUDENTS WITH EXCEPTIONAL NEEDS (GT)
2	SBHTS07	Biomedical, Health and Translational Medical Sciences	Amar	Walia	Isidore Newman School	Correlation Between Poor Vision & Literacy in Grade School Students
2	SCBBE04	Computational Biology, Bioinformatics, and Biomedical Engineering	Staicy	Triminio	Sci High	Pain Relief in Vibrant Waves: Evaluating Vibrating Heating Pad Prototype for Dysmenorrhea

Senior Division Category Winners

Place	Project #	Category	First Name	Last Name	School	Project Title
2	SCHEM01	Chemistry	Ian	Gray	Edna Karr High School	Electrolyte Challenge
2	SEAEV03	Earth and Environmental Sciences	Jayden	Davis	Holy Cross School	Preventing Eutrophication (a 3-year study): Using alternate fertilizers to minimize nitrate concentration in run-off & exploring the effects on algae growth and corn root density
2	SENEV05	Environmental Engineering	Joseph	Zimmermann	Holy Cross School	Making Biodiesel from New and Waste Vegetable Oil
2	SERIM03	Embedded Systems, Robotics and Intelligent Machines	Aidan	Lefort	Patrick F. Taylor Science & Technology Academy	Ternary Computing: Applications and Challenges
2	SESMD02	Energy: Sustainable Materials and Design	Tu	Le	Edna Karr High School	The Effect of Water in Clay on The Amount of Time It Takes To Dry
2	SETSD02	Engineering Technology: Statics and Dynamics	Andrew	Treadaway	Holy Cross School	What is the effect of the base on the stability of a tower?

Senior Division Category Winners

2	SMASS04	Mathematics and Systems Software and Technology Enhances the Arts	Catherine	McBrayer	Patrick F. Taylor Science & Technology Academy	Designing an app that recognizes the facial markers of Autism Spectrum Disorder
2	SMATS02	Materials Science	Jacob	Guichard	Holy Cross School	UV Ray Reflection: Do cheap sunglasses block UV rays as well as expensive sunglasses?
2	SMCRO03T	Microbiology	Trecia	Stanford	Isidore Newman School	Acne Bacteria treated with E. coli Bacteria
2	SMCRO03T	Microbiology	Ava	Weill	Isidore Newman School	Acne Bacteria treated with E. coli Bacteria
2	SPLNT11	Plant Sciences	Noor	Farhoud	Patrick F. Taylor Science & Technology Academy	Utilizing phytoremediation is reducing lead concentration from soil samples taken from Cancer Alley, Louisiana

Senior Division Category Winners

Place	Project #	Category	First Name	Last Name	School	Project Title
1	SANIM03	Animal Sciences	Nolan	Rockefeller	Patrick F. Taylor Science & Technology Academy	Factors affecting Blue Crab yield in Port Sulphur
1	SBCMB03	Biochemistry, Cellular and Molecular Biology	Jaymon	Williams	John Curtis Christian	How do temperature and oxygen affect acid dissociation of ascorbic acid over a 75-minute period?
1	SBEHA04T	Behavioral and Social Sciences	Malik	Adams	Patrick F. Taylor Science & Technology Academy	Impact of a Visual Countdown Timer on Students
1	SBEHA04T	Behavioral and Social Sciences	Sarah	Nguyen	Patrick F. Taylor Science & Technology Academy	Impact of a Visual Countdown Timer on Students

Senior Division Category Winners

Place	Project #	Category	First Name	Last Name	School	Project Title
1	SBHTS01	Biomedical, Health and Translational Medical Sciences	Vaishnavi	Kumbala	Haynes Academy for Advanced Studies	Chymase Connection: Examining Differences In Chymase Levels Between Chronic Kidney Disease (CKD) and non-CKD Patients Independent of Current Treatments, Demographics, and Clinical Risk Factors
1	SCBBE05	Computational Biology, Bioinformatics, and Biomedical Engineering	Stella	Bourke	The Willow School	A Model Demonstrating Alan Turing's Theory of Morphogenesis
1	SCHEM02	Chemistry	Edwin	Salisbury	Isidore Newman School	pH Modification of Soil with Organic and Inorganic Amendments
1	SEAEV14	Earth and Environmental Sciences	Oren	Bognar	Sci High	How Invertebrates may solve our plastic problem

Senior Division Category Winners

Place	Project #	Category	First Name	Last Name	School	Project Title
1	SENEV08	Environmental Engineering	Cole	Bui	Patrick F. Taylor Science & Technology Academy	Smart Trash Can Monitors for Human Waste Disposal Pattern Detection
1	SERIM01T	Embedded Systems, Robotics and Intelligent Machines	Jai	Bansal	Isidore Newman School	The Application of Machine Learning in the Mitigation of Waste Pollution
1	SERIM01T	Embedded Systems, Robotics and Intelligent Machines	Jackson	Dirks	Isidore Newman School	The Application of Machine Learning in the Mitigation of Waste Pollution
1	SESMD01	Energy: Sustainable Materials and Design	Najah	Honore'	Edna Karr High School	The Effect of the Color of Clothing on the Body Temperature
1	SETSD01T	Engineering Technology: Statics and Dynamics	Denae'	Singleton	Edna Karr High School	Line Following Robot
1	SETSD01T	Engineering Technology: Statics and Dynamics	Derrick	Singleton	Edna Karr High School	Line Following Robot

Senior Division Category Winners

Place	Project #	Category	First Name	Last Name	School	Project Title
1	SMASS05	Mathematics and Systems Software and Technology Enhances the Arts	Quang	Tran	Patrick F. Taylor Science & Technology Academy	On the inversion of the divisor function of the averaged divisor function and its error term: the Hardy Littlewood function
1	SMATS01T	Materials Science	Wes	Douglas	Holy Cross School	Braid, Monofilament, or Fluorocarbon (Year 2): Abrasion tests
1	SMATS01T	Materials Science	Gunner	Guidry	Holy Cross School	Braid, Monofilament, or Fluorocarbon (Year 2): Abrasion tests
1	SMATS01T	Materials Science	Ryder	Planchard	Holy Cross School	Braid, Monofilament, or Fluorocarbon (Year 2): Abrasion tests
1	SMCRO05T	Microbiology	Hiba	Hafeez	Patrick F. Taylor Science & Technology Academy	The Effects of Marine Macroalgae on the Filtration of Heavy Metals in Polluted Water
1	SMCRO05T	Microbiology	Katie	Tran	Patrick F. Taylor Science & Technology Academy	The Effects of Marine Macroalgae on the Filtration of Heavy Metals in Polluted Water

Senior Division Category Winners

Place	Project #	Category	First Name	Last Name	School	Project Title
1	SPHYS01	Physics and Astronomy	Erik	Santamaria	Holy Cross School	Different angles and car distances
1	SPLNT12	Plant Sciences	Demi	Harrison	Patrick F. Taylor Science & Technology Academy	Phytoremediation on Improving Air Quality with Hedera Helix and Mold

Senior Division Special Awards

Award Name	Place	First Name	Last Name	School	Teacher First	Teacher Last
American Institute of Aeronautics and Astronautics – Greater New Orleans Section	HM	Sierra	Elloie	Edna Karr High School	Sheila	Lumod
American Institute of Aeronautics and Astronautics – Greater New Orleans Section	HM	Joseph	Zimmermann	Holy Cross School	Katherine	Schilling
American Institute of Aeronautics and Astronautics – Greater New Orleans Section	HM	Wes	Douglas	Holy Cross School	Katherine	Schilling
American Institute of Aeronautics and Astronautics – Greater New Orleans Section	HM	Gunner	Guidry	Holy Cross School	Katherine	Schilling
American Institute of Aeronautics and Astronautics – Greater New Orleans Section	HM	Ryder	Planchard	Holy Cross School	Katherine	Schilling
American Institute of Aeronautics and Astronautics – Greater New Orleans Section	2	Urwah	Abbas	Kenner Discovery Health Sciences High School	Kristin	Robertson Oliveri
American Institute of Aeronautics and Astronautics – Greater New Orleans Section	1	Quang	Tran	Patrick F. Taylor Science & Technology Academy	Cheryl	Bordelon
American Institute of Chemical Engineers – New Orleans Section	1	Edwin	Salisbury	Isidore Newman School	Matthew	Jones

Senior Division Special Awards

Award Name	Place	First Name	Last Name	School	Teacher First	Teacher Last
American Psychological Association	1	Riley	Doherty	Patrick F. Taylor Science & Technology Academy	Cheryl	Bordelon
American Society of Naval Engineers (ASNE) - Central Gulf Coast Section	1	Denae'	Singleton	Edna Karr High School	Sheila	Lumod
American Society of Naval Engineers (ASNE) - Central Gulf Coast Section	1	Derrick	Singleton	Edna Karr High School	Sheila	Lumod
Association for Women Geoscientists Foundation	1	Natalie	Nguyen	Patrick F. Taylor Science & Technology Academy	Cheryl	Bordelon
Biophysical Society	1	Thomas	Gershanik	Isidore Newman School	David	Kern
Community Leader, Presented by Ochsner Health	1	Rylie	Morrow	Kenner Discovery Health Sciences High School	Kristin	Robertson Oliveri
MENSA – (The High IQ Society), N.O. Chapter	2	Vaishnavi	Kumbala	Haynes Academy for Advanced Studies	Ronald	Coats
MENSA – (The High IQ Society), N.O. Chapter	1	Quang	Tran	Patrick F. Taylor Science & Technology Academy	Cheryl	Bordelon
NASA EARTH System Science Award	1	Jayden	Davis	Holy Cross School	Katherine	Schilling
National Oceanic and Atmospheric Administration (NOAA)	1	Nolan	Rockefeller	Patrick F. Taylor Science & Technology Academy	Cheryl	Bordelon

Senior Division Special Awards

Award Name	Place	First Name	Last Name	School	Teacher First	Teacher Last
Office of Naval Research (U.S. Navy/ U.S. Marine Corps)	1	Jayden	Davis	Holy Cross School	Katherine	Schilling
Office of Naval Research (U.S. Navy/ U.S. Marine Corps)	1	Joseph	Timphony	Holy Cross School	Katherine	Schilling
Office of Naval Research (U.S. Navy/ U.S. Marine Corps)	1	Catherine	McBrayer	Patrick F. Taylor Science & Technology Academy	Cheryl	Bordelon
Ricoh Americas Corporation	1	Oren	Bognar	Sci High	Jerolyn	Smith
School of Ocean Science and Engineering	1	Nolan	Rockefeller	Patrick F. Taylor Science & Technology Academy	Cheryl	Bordelon
School of Ocean Science and Engineering	1	Lamija	Habib	Patrick F. Taylor Science & Technology Academy	Cheryl	Bordelon
School of Ocean Science and Engineering	1	Osman	Matute	Sci High	Jerolyn	Smith
School of Ocean Science and Engineering	1	Jaden	Sterling	Holy Cross School	Tara	Lavender
Society for In Vitro Biology	1	Avery	Pernia	Haynes Academy for Advanced Studies	Ronald	Coats
Society for In Vitro Biology	1	Oren	Bognar	Sci High	Jerolyn	Smith
Society for Industrial Microbiology and Biotechnology	1	Avery	Pernia	Haynes Academy for Advanced Studies	Ronald	Coats

Senior Division Special Awards

Award Name	Place	First Name	Last Name	School	Teacher First	Teacher Last
Structural Engineering Institute of the American Society of Civil Engineers-N.O. Branch	2	Andrew	Treadaway	Holy Cross School	Tara	Lavender
Structural Engineering Institute of the American Society of Civil Engineers-N.O. Branch	1	Kailyn	Herbert	Edna Karr High School	Sheila	Lumod
Tulane Brain Institute Award	1	Chloe	Nguyen	Patrick F. Taylor Science & Technology Academy	Cheryl	Bordelon
U.S. Agency for International Development (USAID)	1	Oren	Bognar	Sci High	Jerolyn	Smith
U.S. Air Force	1	Stella	Bourke	The Willow School	Susan	Gingold
U.S. Air Force	1	Aidan	Lefort	Patrick F. Taylor Science & Technology Academy	Cheryl	Bordelon
U.S. Air Force	1	Osman	Matute	Sci High	Jerolyn	Smith
U.S. Air Force	1	Quang	Tran	Patrick F. Taylor Science & Technology Academy	Cheryl	Bordelon
U.S. Department of Agriculture – Agricultural Research Service	1	Jayden	Davis	Holy Cross School	Katherine	Schilling
U.S. Metric Association	1	Nolan	Rockefeller	Patrick F. Taylor Science & Technology Academy	Cheryl	Bordelon

Senior Division Special Awards

Award Name	Place	First Name	Last Name	School	Teacher First	Teacher Last
Yale Science & Engineering Association, Inc.	1	Joseph	Zimmermann	Holy Cross School	Katherine	Schilling
Yale Science & Engineering Association, Inc.	1	Quang	Tran	Patrick F. Taylor Science & Technology Academy	Cheryl	Bordelon

Senior Division Other Awards

Social Media Awards

Prizes are awarded to Social Media Contest winners with three daily drawings throughout the week and one overall prize. Students participate by using #GNOSEF on TikTok, X, Snapchat, Facebook or Instagram to upload relevant text, pictures and videos, spreading the word about science!

Three of the GNOSEF daily prizes are awarded to Senior Division participants. In alphabetical order, the winners of the Daily prizes are:
and the overall Senior Division winner is:

Daily	Gabrielle Coste	Patrick F. Taylor Science & Technology Academy
Daily	Michael Taylor	Holy Cross School
Daily	Jaymon Williams	John Curtis Christian
Overall Winner	Matthew Krail	Holy Cross School

Survey Submission Award

A prize is awarded to one randomly selected Senior Division student who completed the GNOSEF survey.
The student who won the survey raffle is:

	Malik Adams	Patrick F. Taylor Science & Technology Academy
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Senior Division Other Awards

GNOSEF Scientific Review Committee

We would like to recognize our GNOSEF Scientific Review Committee, who dedicate countless volunteer hours to helping teachers and students navigate the International Science and Engineering Fair rules and documentation to which we much adhere, which we know is designed to keep students safe but also know is sometimes complicated and frustrating. They review over 150 projects in the fall that deal with such things as hazardous biological materials, vertebrate animal studies, and research that involves human subjects. And they review double that amount in the spring prior to the fair. Additionally, through the generosity of the Joe W. and Dorothy Dorsett Brown Foundation, the GNOSEF has been able to contract with members of the Scientific Review Committee to meet with teachers and students at their schools to facilitate their engagement in scientific inquiry and engineering design. Please join me in acknowledging:

Chair:	Andrea Walker	
Members:	Cathy Boucvalt	
	Dr. Janell Simpson	
	Dr. Nancy Hopkins	

Volunteer of the Year Award

Presented to the GNOSEF volunteer who goes above and beyond to empower youth to pursue scientific inquiry and engineering design. This year's winner was presented their award on the day of judging. The winner is:

	Dr. Nancy Hopkins	
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REGENERON BIOMEDICAL SCIENCE AWARD

The Society for Science is proud to partner with Regeneron to inspire and celebrate the next generation of biomedical scientific heroes. This award will provide a \$375 award and a certificate to an exceptional student scientist or team of scientists who demonstrates an impressive command of biomedical science and research. This year's winner is:

	Vaishnavi Kumbala	Haynes Academy for Advanced Studies
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Senior Division Other Awards

SOCIETY FOR SCIENCE 2024 COMMUNITY INNOVATION AWARD

The Society for Science is proud to offer an award to high school students at 30 science fairs around the world who seek to help mankind through science and engineering. The \$500 special award should be provided to a student or team who has done a project that will better humanity and improve conditions in the local community. This year's winner is:

Zoila Linares

Isidore Newman School

SENIOR DIVISION GNOSEF STAR TEACHER AWARDS

Sponsored by an anonymous donor, BW squared, this award is presented to teachers who strove to participate in the GNOSEF by going above and beyond making sure to follow ISEF's rules and learn GNOSEF guidelines. There were TWO teachers in the senior division that stood out to the panel of judges.

The two recipients will each receive \$200. The recipients are:

Kristin Robertson Oliveri

Kenner Discovery Health Sciences Academy

Jerolyn Smith

Sci High

Senior Division Special Awards Provided by Sponsors

Award Name	Place	First Name	Last Name	School	Teacher First	Teacher Last
American Petroleum Institute (API) Delta Chapter	2	Lillie	Dodd	Isidore Newman School	Matthew	Jones
American Petroleum Institute (API) Delta Chapter	1	Natalie	Nguyen	Patrick F. Taylor Science & Technology Academy	Cheryl	Bordelon
American Welding Society – New Orleans Section	1	Andrew	Treadaway	Holy Cross School	Tara	Lavender
Association for Materials Protection and Performance (AMPP) Southeast Chapter	2	Ian	Gray	Edna Karr High School	Sheila	Lumod
Association for Materials Protection and Performance (AMPP) Southeast Chapter	1	Natalie	Nguyen	Patrick F. Taylor Science & Technology Academy	Cheryl	Bordelon
Bruce J. Heim Foundation Award	1	Vaishnavi	Kumbala	Haynes Academy for Advanced Studies	Ronald	Coats
M.S. Benbow & Associates	2	Jai	Bansal	Isidore Newman School	David	Kern
M.S. Benbow & Associates	2	Jackson	Dirks	Isidore Newman School	David	Kern
M.S. Benbow & Associates	1	Aidan	Lefort	Patrick F. Taylor Science & Technology Academy	Cheryl	Bordelon

Senior Division Special Awards Provided by Sponsors

Award Name	Place	First Name	Last Name	School	Teacher First	Teacher Last
Women for a Better Louisiana	1	Malik	Adams	Patrick F. Taylor Science & Technology Academy	Cheryl	Bordelon
Women for a Better Louisiana	1	Sarah	Nguyen	Patrick F. Taylor Science & Technology Academy	Cheryl	Bordelon
Women for a Better Louisiana	1	Oren	Bognar	Sci High	Jerolyn	Smith

Senior Division Special Awards Provided by Sponsors Continued

ASM International Foundation Award (all-expense-paid trip!)

In partnership with Association for Materials Protection and Performance (AMPP) Southeast Chapter (formerly NACE New Orleans), the American Society for Materials International Foundation will recognize the most outstanding High School exhibit in materials engineering science. The judges were so impressed this year with the projects in materials science that they have decided to award two trips. The winners are awarded a certificate, medallion, and all-expense-paid trip to a one-week materials camp in Ohio on July 14-19, 2024. The winners in alphabetical order are:

	Matthew Enos	Patrick F. Taylor Science & Technology Academy
	Life Sacco	Isidore Newman School

PATRICK F TAYLOR SCHOOL AWARDS

These materials and/or field trip grants are presented to participating high schools which have a minimum of 10 projects competing in the senior division. These awards are given to recognize successful participation in the GNOSEF and are to be used to promote interest in upper level math and science courses. The high schools in alphabetical order are:

Edna Karr High School

Holy Cross School

Isidore Newman School

Kenner Discovery Health Sciences High School

Patrick F. Taylor Science and Technology Academy

Albert F.W. Habeeb M.D. Scholarship

A \$1,000 college scholarship recognizes an outstanding project focused on the Health Sciences. It is provided by Patty Habeeb Muehlemann in memory of her father Albert F.W. Habeeb M.D. The scholarship is presented upon receipt of an acceptance letter into a college of their choice. The winner is:

	Vaishnavi Kumbala	Haynes Academy for Advanced Studies
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Senior Division Special Awards Provided by Sponsors Continued

Dorothy Van Lue Habeeb Award

A \$1,000 college scholarship recognizes an outstanding project focused on the study of Chemistry or the use of Chemistry as a tool in scientific inquiry or engineering design. It is provided by Patty Habeeb Muehlemann in memory of Dorothy Van Lue Habeeb, founding member of the Greater New Orleans Science Fair, Inc. The scholarship is presented upon receipt of an acceptance letter into a college of their choice. The winner is:

Edwin Salisbury

Isidore Newman School

Entergy Corporation "Powering the Future" Scholarship Award

\$1,000 scholarship to be awarded to a female, high school senior with an outstanding, promising project, upon presentation of their acceptance letter into a college or university. The winner is:

Staicy Triminio

Sci High

Neuroscience/Machine Learnings Scholarship Award

The H. Britton Sanderford Neuroscience/Machine Learning Project Award recognizes excellent work in the field of neuroscience or machine learning. This year the winner is a team project so each team member will receive \$500 upon receipt of an acceptance letter into a college of their choice. The winners are:

Jai Bansal

Jackson Dirks

Isidore Newman School

Senior Division Special Awards Provided by Sponsors Continued

The “Aspiring Researcher” Scholarship presented by the Emmy Noether Awards

A \$2,500 undergraduate scholarship is awarded to a female high school student that demonstrates passion and promise for scientific research. The scholarship is presented upon receipt of an acceptance letter into a college of their choice. In addition, the GNOSEF would like thank the Joe W. and Dorothy Dorsett Brown Foundation for providing financial support to science fair mentors and providing stipends for teacher professional development workshops. The winner of the Aspiring Researcher Scholarship is:

Christina Le

Patrick F. Taylor Science & Technology Academy

Tulane University School of Science and Engineering - Tulane Science Scholars Program (TSSP)

The TSSP with financial support from the Bruce J. Heim Foundation will give a certificate and a full scholarship worth \$2,295 for an in-person summer for-credit course to a 10th or 11th grade student who has an exceptional project in an area of science or engineering. The TSSP is a selective program for rising juniors or seniors who have exceptional talent in the sciences, engineering, and mathematics. The judging panel was so impressed with a second student's project that two students will receive a full scholarship worth \$2,295 for an in-person summer for-credit course. The winners are in alphabetical order:

Noor Farhoud

Patrick F. Taylor Science & Technology Academy

Keith Thibodaux

Patrick F. Taylor Science & Technology Academy

James de la Houssaye Mentor Award

Sponsored by Mr. H. Britton Sanderford, this award recognizes a high school mentor for their educational and inspirational work with students pursuing STEM inquiry. Mr. Sanderford has chosen a second place winner who will receive \$500 and a first place winner who will receive \$1500. The winners are:

2nd

Sheila Lumod

Edna Karr High School

1st

Dr. Katherine Schilling

Holy Cross School

Senior Division Grand Award Winners

SENIOR DIVISION GRAND AWARD WINNERS

Four Grand Award Winners in the senior division are selected from 1st and 2nd place winners in each category and represent Region 9 at the 2024 International Science and Engineering Fair (ISEF). This year ONE of the Grand Award winners is a team project.

Each Grand Award Winner receives a plaque from Region IX. Additionally, the FIVE grand award winners in the senior division receive a \$1,000 scholarship from the Patrick F. Taylor Foundation upon presentation of an acceptance letter into a college of their choice. In alphabetical order:

Jai Bansal	Isidore Newman School
Jackson Dirks	
Stella Bourke	The Willow School
Vaishnavi Kumbala	Haynes Academy for Advanced Studies
Quang Tran	Patrick F. Taylor Science & Technology Academy

The 2 teachers selected by the Grand Award Judging Panel to attend ISEF in alphabetical order are:

Cheryl Bordelon	Patrick F. Taylor Science & Technology Academy
David Kern	Isidore Newman School