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UNC Charlotte Region 6 NC Science & Engineering Fair 2025 Awards Ceremony





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The UNC Charlotte NC Science & Engineering Fair is hosted and supported by the Center for STEM Education





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2025



- ✓ **Special Awards Winners**
- ✓ **Regional Winners by Division and Category**
 - * *Designates Advancement to State Fair*
- ✓ **Thermo Fisher Scientific Winners**
- ✓ **Grand Award --ISEF Winners**

All Judges' Decisions are Final



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Special Awards Winners American Chemical Society

Elementary

#1: Sivesh Nagarajan – Acid Impact on Magnets

#2: Kipton Turner – The Lemon Battery



ACS
Chemistry for Life®



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Special Awards Winners American Chemical Society

Junior

#1: Ella Puky - *Eggcellent Teeth!*

#2: Sarah Yao - *Roses Are Red, What About Others Instead?*

#3: Avery Anderson, Annsley Schultheis & Becka Anderson -
Bready or Not Here I Crumb!



ACS
Chemistry for Life®

Special Awards Winners American Chemical Society

Senior

#1: Rishi Jasti: *Computational Modeling of Anti-HpaA Protein Antibodies Targeting Helicobacter pylori*

#2: Avni Nayyar: *Perylenequinones as an alternative catalyst for the synthesis of drugs*

#3: Oleksii Gavrylenko & Sahasra Muchalapuri: *Optimization of the rearrangement of a cage epoxide into a series of structurally diverse scaffolds*

Honorable Mention: Sofia Jimenez, Inari Joseph, Hayden Trinh:
Testing Impurities in Feminine Products

Honorable Mention: Brinley Goodman: *Straight to the Point*



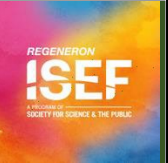
ACS
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ISEF Regional Award Organization	Criteria	Winners
Regeneron Biomedical Science	For excellence in biomedical science.	Grisham Paimagam
American Psychological Association	For achievement in research in psychological science.	Khushi Patel & Manisha Ramalingam
Association for Women Geoscientists	For projects that exemplify high standards of innovativeness and scientific excellence in the geosciences.	Aditi Senthil Prasad
Environmental Protection Agency (EPA)	For students who have outstanding projects in the areas of environmental science and environmental engineering.	Chance Barron, Chandler Jordan, Cristian Rivera-Lopez
NASA Earth System Science Award	Winning project, which best demonstrates insights into Earth's interconnected spheres including different spheres of the Earth system, their interactions and change over time.	Sandrea Richards
National Oceanic and Atmospheric Administration	The NOAA Award will go to one individual whose research emphasizes NOAA's mission of Science, Service, and Stewardship.	Sophia Safley



ISEF Regional Award Organization	Criteria	Winners
U.S. Metric Association	For the best use of the International System of Units.	Dhiya & Dhanvi Manivasagam
Society for In Vitro Biology	Winners exhibit in the area of plant or animal in vitro biology or tissue culture.	Reese Sexton
Yale Science and Engineering Association	Most Outstanding Exhibit in Science, Technology Engineering and Mathematics	Kripa Sudhir
Lemelson Early Inventor	Project best exemplifies the ideals of inventive thinking by addressing a challenge in a community and creating a solution that will improve the lives of others.	Seth Robinson
Ricoh USA, Inc.	This regional award is presented to the student whose research has demonstrated the principles and technical innovations that offer the greatest potential for sustainable development.	Aardarsh Lakshmanan



Elementary Biological Sciences

- *1. Dia Jha, Charles H. Parker Academic Center
 - *2. Victoria Edwards, Oakboro Choice STEM
 - *3. Anderson Hammond, Karson McDonald, & Schafer Nunn, McAdenville Elementary
- Honorable Mention*
- River Adams, Hawks Nest STEAM Academy
Will McLean, Hawks Nest STEAM Academy

Elementary Chemistry

- *1. Seraphin Durairaj, Weddington Hills Elementary
- *2. Sivesh Nagarajan, Coltrane-Webb Elementary
- *3. Luisanna Suarez, Pinewood Elementary

Honorable Mention

Kipton Turner, Pitts School Road Elementary
Marissa Lynn, Hawks Nest STEAM Academy



Elementary

Earth/Environmental Science

- *1. Advaita Nithin, I-SS Virtual Academy
- *2. Mia LaBarbera, Lake Norman Elementary
- *3. Evelyn Daly, Hawks Nest STEAM Academy

Honorable Mention

Ty Crayton, Locust Elementary
Blythe Sipe, Hawks Nest STEAM Academy



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Elementary Engineering & Technology

- *1. Braxton Allen, Belmont Central Elementary
- *2. Ishika Banerjee, Coddle Creek Elementary
- *3. Henry Markwith, Hawks Nest STEAM Academy

Honorable Mention

George Wang & Quentin Zhou, Socrates Academy
Tanner Spillman, Cool Spring Elementary



Elementary

Physics & Math

- *1. Sawyer Fort, Hawks Nest STEAM Academy
- *2. Anvita Santosh, Charles H. Parker Academic Center
- *3. Jibreel Muhammed Arbaksh,
Intellicor International Academy
Honorable Mention
Jericho Vinz Martin, Pleasant Ridge Elementary
Anafa Mohamed Thasleem, Coltrane-Webb Elementary



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Junior Biological Sciences A

- *1. Harini Jayakumar, Brawley Middle School
- *2. Connor Abernathy, Marshall Deal & Walter Throneburg, Stanley Middle School
- *3. Jonah Augustin, Hickory Ridge Middle School
- *4. Amina Abdullaeva, Jay M Robinson Middle School

Honorable Mention

Kanmani Karunakaran, Divena Mungi, & Srinidhi Pericherla, Northwest Cabarrus



Junior Biological Sciences B

- *1. Ishan Sundaram, Randolph Middle School
- *2. Aanya Bharadwaj, Randolph Middle School
- *3. Anika Khushalani & Ananya Sinha,
Metrolina Regional Scholars Academy
- *4. Chris Hoyle, Charlotte Christian School

Honorable Mention

Shanaya Shashi Kumar, Marvin Ridge Middle School
Thanvi Majeti & Suki Huang, Brawley Middle School



Junior Chemistry

- *1. Sarah Yao, Charlotte Preparatory School
- *2. Emma McGinnis, Belmont Middle School
- *3. Vatsal Patel, Rea Farms Steam Academy
- *4. Sarah Jensen, C C Griffin Middle
Honorable Mention
King Strickland, Statesville Middle School



Junior



Earth/Environmental Science

*1. Maadhava Parthasarathy, Weddington Middle School

*2. Jonah Braude, Charlotte Preparatory School

*3. Claire Boger, C C Griffin Middle School

*4. Chance Barron, Chandler Jordan, Cristian

Rivera-Lopez, Stanley Middle School

Honorable Mention

Leonardo Schade, J N Fries Magnet School



Junior Engineering

*1. Pranav Budipalli, Marvin Ridge Middle School

*2. Raghav Garg, Brawley Middle School

*3. Ishan Bhimani, Samir Dewan, Ronav Korat,
Marvin Ridge Middle School

*4. Ada Lee Smith, Sedgefield

Honorable Mention

Sadie Tai, Charlotte Preparatory School



Junior Physics

- *1. Arvind Durvasula, Charlotte Preparatory School
- *2. Adhrit Jayagandhan & Abhiram Tatineni,
Northwest Cabarrus Middle School
- *3. Brooke White, Charlotte Preparatory School
- *4. Chigoziem Nnaekpe, J N Fries Magnet School
Honorable Mention
Mckinley Ward & Mason Black, John Chavis Middle School



Junior Technology

- *1. Julia Rodrigues Angrisano, Charlotte Latin School
 - *2. Avika & Avadhi Sheth, Metrolina Reg Scholars Academy
 - *3. Mila Bock, Charlotte Preparatory School
 - *4. Sahaana Dinesh, Marvin Ridge Middle School
- Honorable Mention*
Anwitha Jeyaraman & Sandrine Suresh, J N Fries Magnet School



Junior

Math & Data Science

- *1. Reva Khaire, Randolph Middle School
- *2. Mason Ledford, Charlotte Christian School
- *3. Pooja Suresh, Brawley Middle School
- *4. Sakana Venkatesh, J N Fries Magnet School



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Senior

Biological Sciences A

*1. Sreethan Gajula & Kirtan Patel,
Marvin Ridge HS

*2. Oviya Selvakumar, South Iredell HS

*3. Rutwa Patwil, Cox Mill HS

*4. Michael Borum Gray, East Gaston HS





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Senior

Biological Sciences B

- *1. Nandini Swain, Ballantyne HS
- *2. Olive Campbell, Charlotte Hearne & Laurel Campbell, Gaston Early College HS
- *3. Navami Nair & Jennifer Li, North Mecklenburg HS
- *4. Rishidharan Jayakumar, South Iredell HS



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Senior Chemistry



*1. Avni Nayyar, Marvin Ridge HS

*2. Rishi Jasti, Marvin Ridge HS

*3. Sahasra Muchalapuri &

Oleksii Gavrylenko, Marvin Ridge and Hickory Ridge HS

* 4. Syed Armoghan, Weddington HS



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Senior

Earth/Environmental Science



- *1. Aadarsh Lakshmanan, Ardrey Kell HS
- *2. Richard Zhao, Simon Zhao & Eric Su,
Marvin Ridge HS
- *3. Aditi Senthil Prasad, South Iredell HS
- *4. Aadit Krishna, Central Academy of Technology and Arts
HS



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Senior Engineering

- *1. Kripa Sudhir, Marvin Ridge HS
- *2. Sreeja Appala, South Iredell HS
- *3. Vishnu Abboy, Ballantyne Ridge HS
- *4. Jayden Sullivan & Caiden Buckner,
Gaston Early College HS



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Senior Technology



- *1. Arkapravo Sen, Weddington HS
- *2. Shuchay Kotkalapudi, Adithya Bathina
& Arjun Cattamanchi Marvin Ridge HS
- *3. Kabir Sangha, Lake Norman Charter HS
- *4. Prisha Kansai, Weddington HS



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Senior Physics

- *1. Arya Nair, Marvin Ridge HS
- *2. Anthony Corbin, South Iredell HS
- *3. Rui Yin, Marvin Ridge HS



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Senior

Math & Data Science

- *1. Harshil Jagga, Ardrey Kell HS
- *2. Grisham Paimagam, Myers Park HS
- *3. Austin Yang, Charlotte Country Day
- *4. Zaynah Khan, Marvin Ridge HS



Thermo Fisher Scientific Junior Innovators Challenge Nominations

Harini Jayakumar, Brawley Middle School

Ishan Sundaram, Randolph Middle School

Sarah Yao, Charlotte Preparatory School

Maadhava Parthasarathy, Weddington Middle School

Pranav Budipalli, Marvin Ridge Middle

Arvind Durvasula, Charlotte Preparatory School

Julia Rodrigues Angrisano, Charlotte Latin School

Reva Khaire, Randolph Middle School

Seth Robinson, Albermarle Road Middle School

Aidan Wood, Belmont Middle School



Nominees will receive be emailed information.

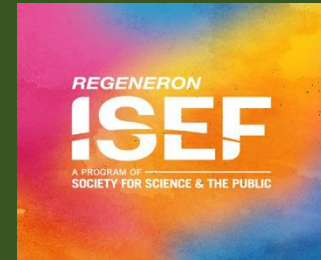


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ISEF Winners

Columbus Ohio (May 11-16, 2025)



Nachammai Annamalai, South Iredell HS
Luca Cyrus, Weddington High School



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Thank you!
We hope to see you 2026!

Please join us in thanking our judges for
their expertise and time.

Alisa Wickliff, Associate Director, Center for STEM Education, UNC Charlotte
Dr. Chris Gordon, College of Education, Lenoir Rhyne University
Dr. David Pugalee, Director, Center for STEM Education, UNC Charlotte