



12th Annual SEFH Seminar

September 06, 2025

Presented by:



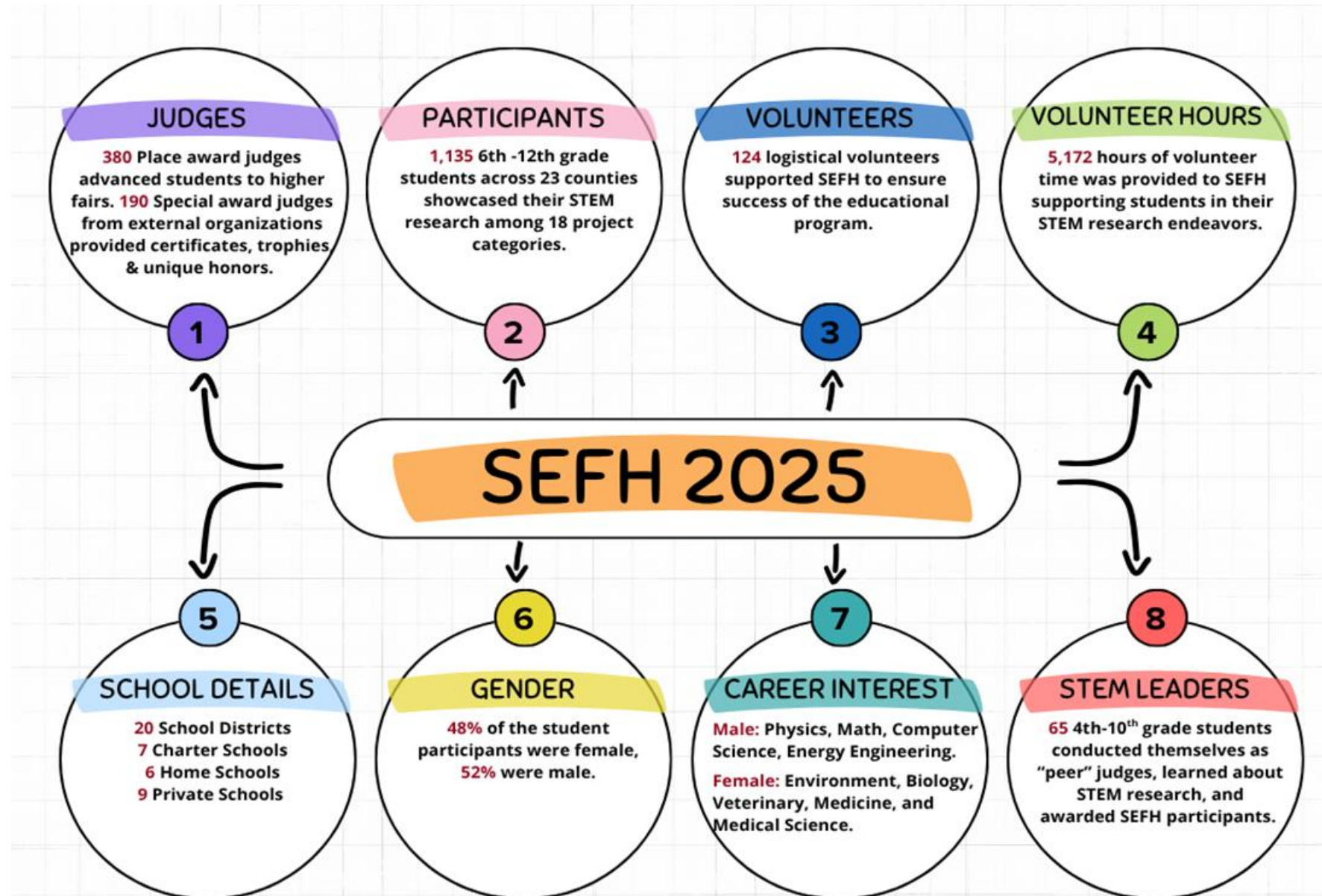
Session	Time	Title	Location
1	8:30 AM	Check-in	Melcher Hall (MH) Room 160
	9:00 - 9:25 AM	Welcome	MH 160
	9:30 - 10:30 AM	SRC Training – Understanding the rules and regulations	MH 160
	2	10:35 - 11:35 AM	STEM Wizard – An introduction to navigating the system
Navigating the Engineering Research Process			MH 116
Keeping Students on Track			MH 118
Lunch	11:35 – 12:30 PM	Lunch and ISEF Alumni Meet and Greet	MH 160
3	12:35 - 1:35 PM	Common Pitfalls of doing Science Fair	MH 114
		Judging Matters	MH 116
		Project Ideation: Where to Start	MH 118
4	1:40 - 2:40 PM	Generative AI Automation and Innovation: Responsible Use of Artificial Intelligence for High-Impact Science and Engineering Projects	MH 116
		Project Judging: A Student Perspective	MH 118
	2:45 - 3:00 PM	Closing Remarks	MH 160



Agenda

- Welcome
- By the numbers
- ISEF Results
- TXSEF 2026
- SEFH Updates





Grand Awards

SIYSS – Nobel

Aarushi Pandey, College Park High School

Animal Science

4th - Iris Shen, College Park High School

BIOCHEMISTRY

3rd - Melina Kumar, Clear Lake High School

BIOMEDICAL AND HEALTH SCIENCES

4th - Nia Shetty, Saint John's School

CHEMISTRY

3rd - Prachi Natoo, College Park High School

ENGINEERING TECHNOLOGY: STATICS & DYNAMICS

3rd – Asa Gangjee & Suman Muppavarapu, Saint John's School

PLANT SCIENCES

1st – Aarushi Pandey, College Park High School

4th - Adam Siddiqi & Vibhan Emmi, College Park High School

ROBOTICS & INTELLIGENT MACHINES

3rd – Jiya Joshi, Stephen F. Austin High School, Sai Spoorthi Maram, William B. Travis High School

TECHNOLOGY ENHANCES THE ARTS

2nd – May Espinola, Obra D. Tompkins High School

Special Awards

Adam R. Scripps Foundation

Asa Gangjee & Suman Muppavarapu, Saint John's School

Air Force Research Laboratory

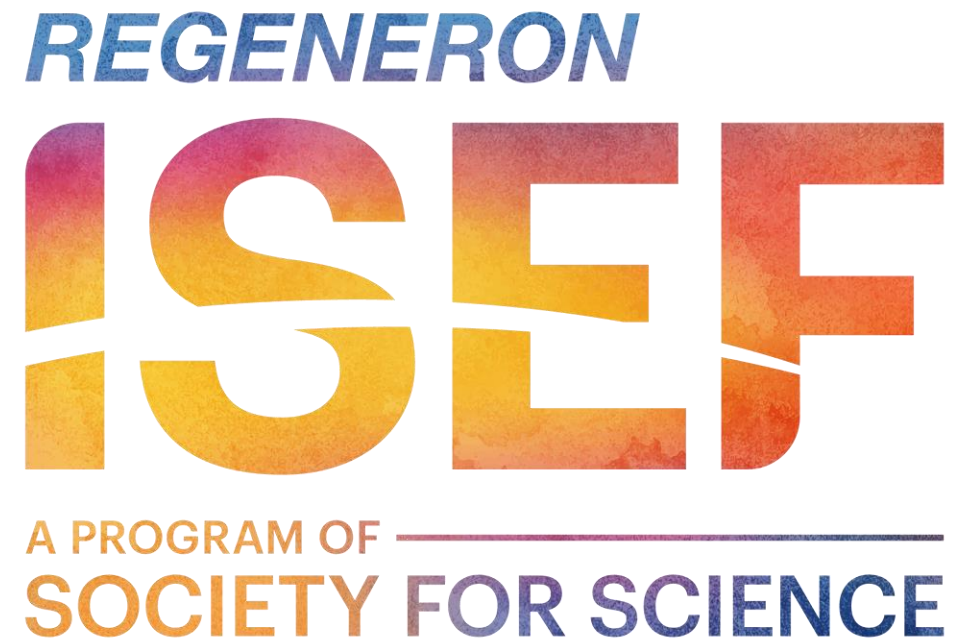
Jiya Joshi, Stephen F. Austin High School, Sai Spoorthi Maram, William B. Travis High School

Association for Computing Machinery

Jiya Joshi, Stephen F. Austin High School, Sai Spoorthi Maram, William B. Travis High School

Shanghai Association for the Advancement of Science for Youths

Iris Shen, College Park High School



TXSEF Recap

- 2025 Quick Recap
 - 972 Students/768 Projects
- 21 Special Awards were presented to 96 students
- 3500 were in attendance at Night at the Zach



TXSEF 2026

- March 27-28, 2026
- Venue
 - Student Recreation Center
 - Awards Ceremony - Rudder Auditorium
 - Night at the Zach - March 27, 2026 (evening)
 - 6:00PM - 9:00PM; Zachry Engineering Complex



Updates

Registration Fee:

- \$35.00 per student, will no longer be per project.

STEM Wizard

- SEFH will begin to phase out District level STEM Wizard websites.
 - Conroe, Fort Bend, Clear Creek, & Friendswood will remain for 2026.
- Teachers & Students will register directly to the SEFH STEM Wizard portal.
 - Teachers will deactivate accounts that will not attend SEFH.
- All students will need to select two teachers (primary and secondary)
 - Secondary should be the person who serves as the district science fair coordinator or lead

Updates

Signature Requirements:

- Only original signatures accepted.
- Typed signatures are not allowed.

Form Submission:

- All forms must be typed.
- Handwritten filings/paperwork are not accepted.
- Most forms will be completed in the STEM Wizard - Paperless Files and Forms.

Project Board Display:

- TXSEF tables are 76.2 cm (30 inches) therefore maximum board height is 163.8 cm (64.4 inches) from bottom of board to top of header.
- ISEF table heights can be up to 91.44 cm (36 inches) therefore maximum board height to 148.2 cm (58.4 inches). Recommendation is to follow this.

SEFH Timeline



**Project Check-in
STEM Festival**

February 13, 2026



**Judging Day
Awards Ceremony**

February 14, 2026



**SRC Finalization
Abstract Upload**

February 2, 2026



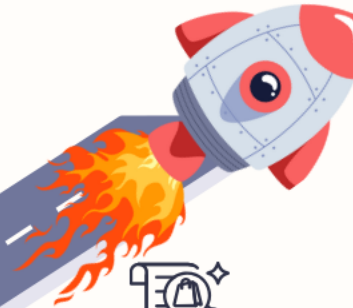
**Writing Contest
Poster Contest**

January 23, 2026



Project Submission

January 19, 2026





ConocoPhillips STEM Zone Saturday

When:

One Saturday a Month

1:00 PM – 4:30 PM

Where:

University of Houston

*(Unless otherwise specified)



Scan for Details

Upcoming Dates:

Date	Topic
Sept. 13	Tennis
Oct. 11	Martial Arts
Nov. 15	Volleyball
Jan. 24	Track and Field
April 11	Golf

Relationships



Rigor



Relevance

technolochicas

code it



Inspire Future Innovators: Help all students, discover their passion for technology.

Comprehensive Curriculum: Coding curriculum designed for all skill levels.


Interactive Lessons: Engaging, hands-on coding activities.

Real-World Projects: Students work on projects that solve address real-world problems.

Flexible Implementation: Adaptable to fit your classroom schedule and needs.

Email lgrondue@central.uh.edu for more information.

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