

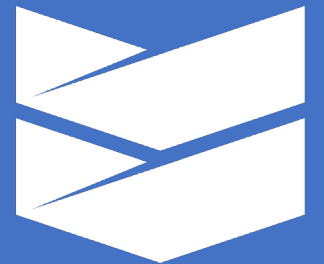
# sefh

Science And Engineering Fair Of Houston

## 8th Annual SEFH Seminar

September 11, 2021

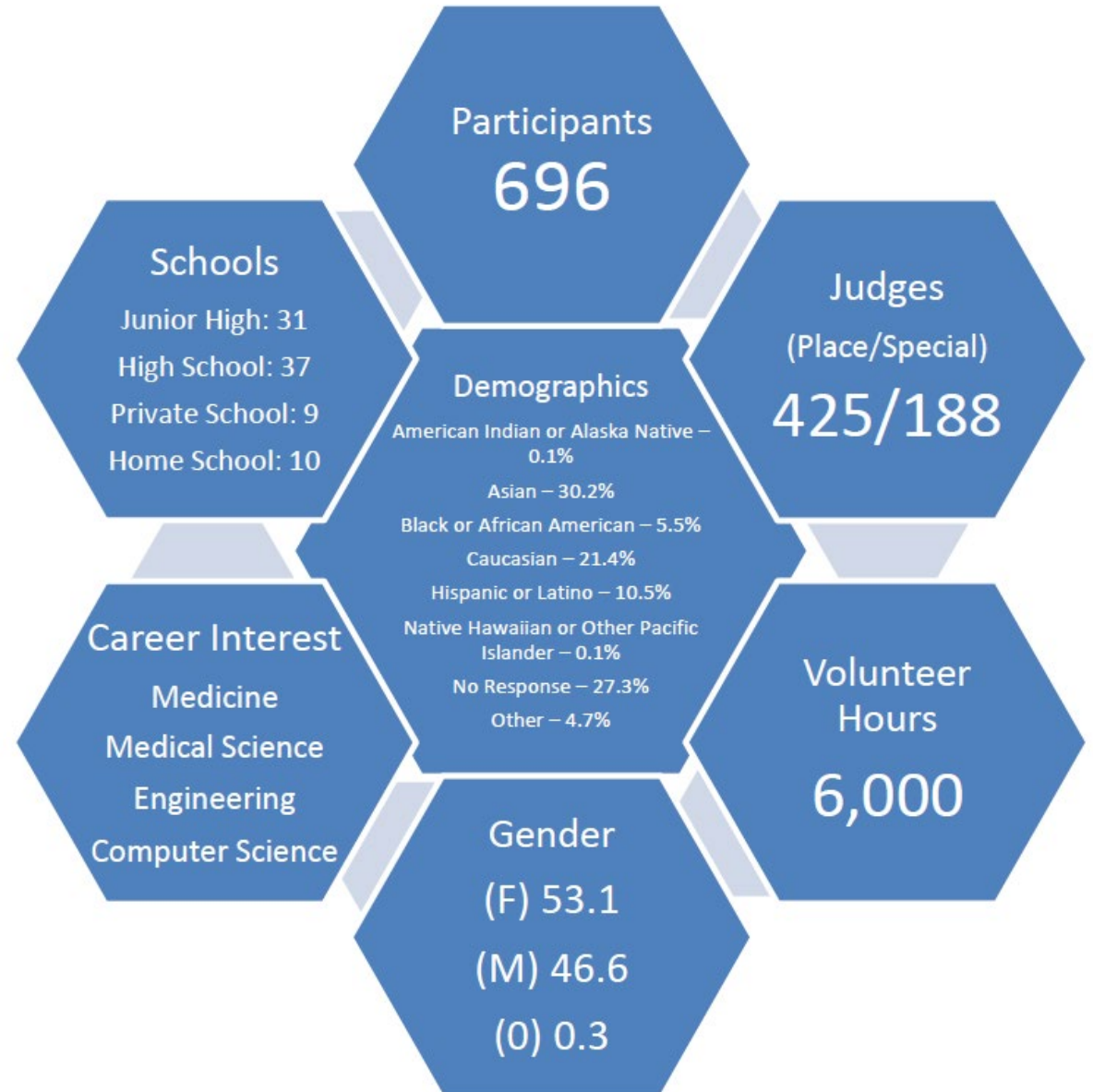
**Chevron**



# Seminar Sessions

Session	Time	Title
1	9:30 - 10:30 AM	SRC Training 1 (General Information/ Overview)
2	10:35 - 11:35 AM	SRC Training 2 (Workshop for Coordinators and Administrators)
		The Road to Results: An Introduction to Data Analysis and Visualization
Lunch	11:35 - 12:35 PM	
3	12:40 - 1:40 PM	Launching AJ-STEM: an open-source academic journal of stem research for youth
		Science Fair Scholars/ Meet and Greet with ISEF Alumni
4	1:45 - 2:45 PM	Judging Matters
		Sciunteer

# By the numbers



# Top 300



**Inu Baek**, *Grade: 8<sup>th</sup> Knox Junior High School*

*Project Title: Reducing Energy Consumption with Condition-Based Illumination*

**Lea Farah**, *Grade: 7<sup>th</sup> Fort Settlement Middle School*

*Project Title: Twisted Light and Its Application in Quantum Computing*

**Melina Kumar\***, *Grade: 8<sup>th</sup> Brookside Intermediate School*

*Project Title: Reducing the Risk of Diabetes: A Novel Approach for the Development of a Sensitive Glucagon Elisa*

**Aditi Venkataraman**, *Grade: 7<sup>th</sup> McCullough Junior High School*

*Project Title: How the Temporary Loss of Sight Affects Hearing Ability*

**Ramya Elangovan**, *Grade: 7<sup>th</sup> T.H. Rogers Middle School*

*Project Title: Caring for the Caregivers: Effect of "Stress Management and Relaxation Techniques" (SMART); Mindfulness Meditation and Progressive Muscle Relaxation on Vital Signs and Short-Term Memory in Intensive Care Providers – a Three-Arm, Prospective, Randomized Controlled Trial*

**REGENERON**

**ISEEF**

A PROGRAM OF  
**SOCIETY FOR SCIENCE**

## Grand Award Recipients

- **Ved Ganesh**, Dulles High School – 2<sup>nd</sup> Award: Engineering Mechanics
- **Sohi Patel**, College Park High School – 4<sup>th</sup> Award: Materials Science

## Special Awards Recipients

- **Logan Murray and Max Oberg**, College Park High School
  - Aerojet Rocketdyne: First Award *Designing an Aerospike Nozzle*
- **Sanuja Dilanka Manage**, College Park High School
  - *Negative American Meteorological Society: Honorable Mention –Binomial Regression to Model Dengue Cases Using Weather Factors*
- **Zoe Yu**, College Park High School
  - Arizona State University's Rob and Melani Walton Sustainability Solutions Service
- **Sohi Patel**, College Park High School
  - *NC State Engineering Summer Camp, Invitation to participate in NC State College of Engineering summer camp*

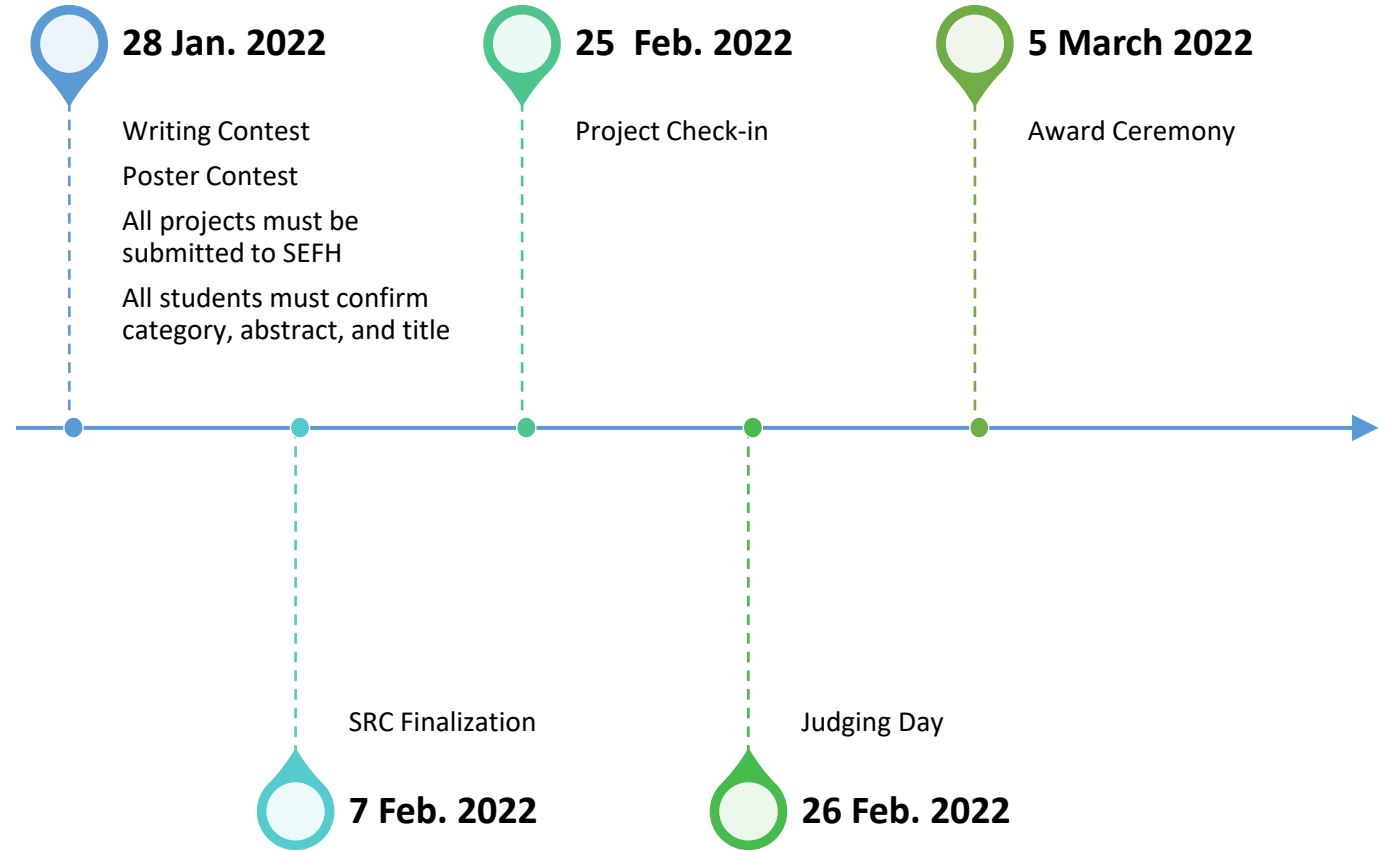
# SEFH Updates

We're going Face-to-Face

Realignment of Categories

SRC Chairs

# SEFH Updates



Everything mentioned is pending State & University restrictions pending COVID-19

# TXSEF Updates

- 54 projects per Division
- March 1, 2022
  - Students must register, receive SRC approval and submit all required items
- March 4 to March 10
  - Virtual Judging Round 1
- March 25&26
  - In Person Round 2 & 3
- The required items that students will need to submit are still being worked on
- Everything mentioned is pending State & University restrictions pending COVID-19



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