

# Scholars Program



## Science and Engineering Fair of Houston

### What is the SEFH Scholars Program?

The SEFH Scholars Program is a one week experience where students entering 6th -8th grade will engage in hands on research investigations to develop:

**Research & Problem Solving Skills - Science Fair Project Designs**  
**STEM Teamwork - Innovative Thinking - Communication**



### Program Schedule & Costs

July 18th - 22nd

University of Houston, Main Campus

#### Scholars Program

10:00 a.m. - 3:00 p.m.

\$350.00\*

#### Extended Day A.M.

8:00a.m. - 10:00 a.m

\$50.00

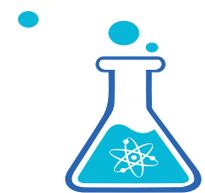
#### Extended Day P.M.

3:00 p.m. - 5:00 p.m.

\$50.00

\*Cost includes lunches, activities, an SEFH Scholars shirt and faculty instruction.

**Build Mentoring Relationships with STEM Professionals**



**Conduct Hands-On Research Investigations**

### How to Apply

**Applications are due by Friday June 17, 2016.**

**Limited space available.**

**Save the date and participate!**

1. Complete the SEFH Scholars Program Application via the Google Forms link by clicking [HERE](#).

2. Go to the link below to make a payment.

[https://mysmstore.uh.edu/index.php?route=product/product&product\\_id=27525](https://mysmstore.uh.edu/index.php?route=product/product&product_id=27525)



**Develop Science Fair Project Designs**

### Questions?

**All program inquiries can be directed to:**

**UH STEM Center**

**D'Juana Pittman**

**dcpittma@central.uh.edu**

**713.743.4923**

Science and Engineering Fair of Houston  
University of Houston  
College of Natural Sciences and Mathematics  
3507 Cullen Blvd, Room 214  
Science and Research Building 1  
Houston, Texas 77204-2008  
(713) 743-4923

Email: [info@sefhouston.org](mailto:info@sefhouston.org)  
Website: <http://sefhouston.org/>

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## Science and Engineering Fair of Houston

### The Research Design Process

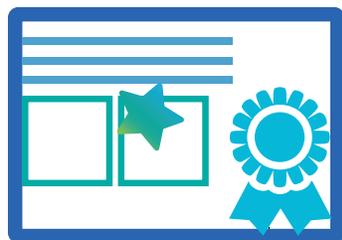
**SEFH Scholar Program students will...**

Become familiar with the nature of scientific research and receive coaching from STEM industry professionals.

Interact with 2016 INTEL ISEF Finalists as they present their research and conduct a Q&A Session.

Build Mentoring Relationships with STEM Professionals

Students will find a need and fill a need with their chosen research.



### Exploration & Investigation

**SEFH Scholar Program students will...**

- ◆ Explore possible research hypotheses
- ◆ Establish a science fair project goal & timetable
  - ◆ Present initial science fair plan
  - ◆ Identify needed resources
  - ◆ Describe their ideal STEM Mentor

Students will work in collaborative teams to conduct hands-on research investigations and design challenges in the areas of:

Physical Science

Energy

Robotics

Engineering: Aerospace

Life Science

Medicine & Health

Environmental Science

Behavioral & Social Science