



Academy of Science and Technology

NEWCLIPPINGS

Dr. Susan Caffery, Headmaster

Volume 13 Issue 23 February 7, 2020

Upcoming Events

From the Headmaster

The **Biotech Competition** and **Senior High EDC** are this weekend. We still could use some judges for the robotics competition. Please consider judging and invite your friends and colleagues to judge!

Susan M. Caffery, Ed.D. LPC

February 8
Senior High EDC Biotech Comp

Academy Student Earns First Place at Texas Junior Science and Humanities Symposium

Computer Science Teacher, Joseph Ewbank, accompanied four students to the recent Texas Junior Science and Humanities Symposium. Seniors **Clara Victorio, Michael Gerhard, Prerit Choudhary, and Kabir Jolly** presented their projects to Texas A&M University professors. **Kabir Jolly earned First Place overall!**



February 10
PAST Board Meeting

February 11
Distinguished Lecture Series

February 14
Set up project SEFH

February 15
SEFH Judging DI Regional @ORHS



2020 Space Settlement Design Competition at NASA

Students have the opportunity to participate in the 2020 Space Settlement Design Competition at NASA Johnson Space Center. All participants-students and chaperones-must be US citizens. This opportunity is for students and their parents; students may earn exploration credit. The event takes place Friday evening, March 27 – Sunday, March 29. The cost is \$235 per student or chaperone. This is an incredible opportunity for students to emulate the experience of a working member of an aerospace company team. We have had many Academy students participate in this event each year, with teams competing at the national level. Interested students may pick up a packet in the Academy office. A parent may chaperone several students. Deadline to submit documents is **February 27, 2020.**

February 25
Distinguished Lecture Series

March 9-13
Spring Break

March 17
Distinguished Lecture Series

March 24
Distinguished Lecture Series

Seniors Enrolling in Engineering or Science Program in Fall

The Society of Petroleum Engineers Gulf Coast Section is offering a scholarship for students pursuing a career in the oil and gas industry. The

April 9

AST Trivia	scholarship is renewable annually for up to four years (\$2,500/semester or \$5,000/academic year). Visit the SPE-Gulf Coast Section homepage for more information: https://www.spegcs.org/scholarship-application-instructions/ .
April 13 PAST Board Meeting	Opportunity for AST Parents
April 15-18 FIRST World Champs	When your child is a senior, they will participate in the biggest celebration in the Academy known as Senior Gala! The Gala is held in early May of Senior year. The Gala Committee is looking for persons to apprentice the various positions aka known as <i>shadows</i> . The shadows will come alongside current co-chairs and learn about Gala and take over to plan the Class of 2021 Senior Gala. If you are interested, please email the Gala Committee at astseniorbanquet@gmail.com .
April 21 Distinguished Lecture Series	Attention AST Senior Parents!
May 1 AST Underclassmen Award Ceremony	We need your student's photos for the Gala slideshows! Below is the list of photos we will need and the link you will use to upload all the photos.
May 3 AST Senior Gala	For Formal Slideshow, we will need: 1. Baby Photo (up to 2 years of age). 2. 1 formal photo of senior: doesn't have to be official senior formal, but a nice recent photo of your senior 3. 1 casual photos of your senior.
May 4 PAST General Meeting New Parent Dessert Reception	For Casual Slideshow, we will need: 1. One individual 2. One photo with family 3. One photo with friends 4. Two to three additional photos in any setting
May 10-15 ISEF	Upload photos to: AST Class of 2020 Senior Gala Photo Submission Form
May 20-23 DI Global	https://form.jotform.com/71735958384168
May 20 Freshmen Parent Research Symposium	It is easier if you first gather all the photos and submit them all at once using the link. If you have a question, please email the gala committee at astseniorbanquet@gmail.com
	Academy Students Win Big at SCI://TECH More than 150 Academy students competed at the recent Science Fair. Many of these students are advancing to the Science and Engineering Fair which will be held Saturday, February 15 at the George R. Brown Convention Center. We

want to recognize the hard work of all participants. The following students received medals in the fair.

Ninth Grade Division

Animal Science

Sathvika	Akula	1st
----------	-------	-----

Behavioral Science

Siddanth	Pachipala	1st
Kian	Shah-Ackroyd	2nd
Ana Beatriz	Contrucci	3rd

Biochemistry

Arnav	Nair	1st
Eman	Fayyaz	2nd

Chemistry

Emilia	Crocker	1st
Ira	Kadam	2nd

Computer Science

Abishek	Rathnakumar	1st
Ved	Shetty	1st
Pranav	Somani	2nd
Katie	Yan	2nd
Noah	Cheatham	3rd
Steve	McKoy	3rd

Earth & Space Science

Sanjiv	Anand	1st
--------	-------	-----

Engineering: Aerospace

Skyler	Schenck	2nd
Noah	Spurr	2nd

Engineering: Chemical

Sohi	Patel	1st
------	-------	-----

Engineering: Civil/Electrical/Mechanical

Audrey	Labbe	1st
Alexander	Singh	3rd

Engineering: Materials & Bioengineering

Olivia	Ye	1st
Ryan	Sen	2nd
Cameron	Glowacki	3rd

Environmental Sciences

Connor	Deng	1st
Emlyn	Joniec	2nd
Daniel	Shamsee	3rd

Mathematics

Sanuja	Manage	1st
Emily	Valerio	2nd
Norah	Tinsley	3rd

Medicine & Health

Rotem	Ris	1st
Zaina	Siddiqi	1st
Surya	Arakere	2nd
Lakshay	Nagpal	3rd

Plant Science

Catherine	Li	1st
Zoe	Yu	2nd

**Senior
High****Animal Science**

Ammar	Siddiqi	1st
Arman	Sharma	2nd
Grace	Pascarella	3rd

Behavioral & Social Sciences

Galio	Guo	1st
Hufsa	Arain	1st
Soumya	Somani	1st
Mahi	Patel	2nd
Ayden	Cardiel	2nd

Biochemistry/Microbiology		
Melannie	Nimocks	1st
Katelyn	Beard	2nd
Chemistry		
Ethan	Yu	1st
Ashton	Mehta	2nd
Computer Science		
Shourav	Dasari	1st
Prerit	Choudhary	2nd
Ian	Pedroza	3rd
Earth & Space		
Nabeeha	Khan	1st
Energy & Transportation		
Evan	Rees	1st
Engineering: Aerospace		
Logan	Murray	1st
Max	Oberg	1st
Andrew	Hart	2nd
Maxime	Grousseau	3rd
Engineering: Chemical		
Robert	Stacks	1st
Engineering: Civil/Electrical/Mechanical		
Vinay	Mannem	1st
Olivia	Behne	2nd
Caitlin	Behne	2nd
Nathan	Nguyen	3rd
Engineering: Materials & Bioengineering		
Vishnu	Murthy	2nd
Engineering: Robotics & Intelligent Machines		
Kabir	Jolly	1st

Swathi	Mannem	2nd		
Tom	Thayyil Thomas	3rd		
Environmental Science				
Clara	Victorio	1st		
Akhil	Marupudi	2nd		
Kevin	Wang	2nd		
Daniel	Yamakov	3rd		
Mathematics				
Derek	He	1st		
Brendan	Alam	2nd		
Andrew	He	3rd		
Medicine & Health				
Hannah	Zhang	1st		
Kate	Lee	1st		
Yasmin	Jackson	2nd		
Anikait	Banerjee	3rd		
Jessica	Svetlitski	3rd		
Physics & Astronomy				
Steven	Drabbant	1st		
Jack	Paylor	1st		
Plant Science				
Michael	Gerhard	1st		
Ansh	Mittra	2nd		
Phillip	Nikolov	2nd		
Robert	Ross-Kirov	2nd		
Adwoa	Asare	3rd		
Grand Awards				
Ninth Grade Life Science	Emilia	Crocker		
Ninth Grade Physics				Rathnakumar
Science	Ved	Shetty	Abhishek	
Senior Life Science	Clara	Victorio		
Senior Physical Science	Kabir	Jolly		

Technical Writing

1st	Vishnu	Murthy
2nd	Ethan	Yu
3rd	Steven	Drabbant
	Jack	Paylor
4th	Andrew	Hart
5th	Katelyn	Beard

Ninth Grade Division

	Anna	
1st	Beatrix	Contrucci
2nd	Siddanth	Pachipala
3rd	Sohi	Patel
4th	Rotem	Ris
	Zaina	Siddiqi
5th	Zoe	Yu

Rensselaer Polytechnic Institute

The 2020 PREFACE is a summer program for talented students who have been historically under-served in the areas of science, engineering and the technological fields and who express a strong desire in pursuing careers in these fields. The PREFACE will be held Sunday, June 28 through Saturday, July 11 on the Rensselaer campus in Troy, NY. For more information go to the PREFACE website <https://info.rpi.edu/pre-college-initiatives/preface-rensselaer-summer-engineering-design-program>. Applications are due by March 27.

Join PAST

Parents of the Academy of Science and Technology (P.A.S.T.) is a 501(c) 3 organization created to support the Academy. It is easy to join. The website for PAST is <http://pastforthefuture.org/index.php>. On the left side, about 4 items down is Join PAST. If you click on that you will be taken to a page with options to click on buttons. One says JOIN.

College Testing Dates 2019-2020

SAT

Date of Test	Registration Deadline
March 14	February 14
May 2	April 3
June 6	May 8

ACT

Date of Test	Registration Deadline
February 8	January 10
April 4	March 6
June 13	May 15
July 18	June 19

Conroe ISD has changed mass communication systems. In order to receive SMS/text messages from Conroe ISD, or your child’s campus about timely issues including rainy day dismissal or campus updates, text “Y” to 67587.

