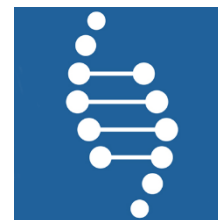




CONROE INDEPENDENT SCHOOL DISTRICT
Academy of Science and Technology
 The Woodlands College Park High School



Newsclippings

Volume 10 Number

March 31, 2017

Date	Event
3/31-4/1	Texas State Science and Engineering Fair FIRST Robotics Lone Star Regional
4/4	Distinguished Lecture Series
4/5	Doyle Lecture: Ocean Wildlife
4/7	AST Donut Day
4/7-8	State DI
4/7-10	State Envirothon
4/10	PAST – am meeting
4/11	Jones State Forest-AM
4/12	Doyle Lecture: Ocean Wildlife

Dear Academy Parents and Students:

This is an exciting weekend. Twenty-five students will compete in the Texas State Science and Engineering Fair. College Park is hosting the FIRST Robotics Lone Star North Regional. Please support our robotics team this weekend.

Dr. Caffery

Opportunities

Physics and Engineering Festival at Texas A&M University

The **Department of Physics & Astronomy** and the **Department of Aerospace Engineering** invite the public to the **Physics & Engineering Festival on April 1**. Demonstrations, lectures and other activities are offered to visitors. Public lectures with Nobel Prize winner Dudley Herschbach, Nobel Prize winner David Lee, Astronaut Bonnie Dunbar, and Astrophysicist and TED Fellow Lucianne Walkowicz are some of the featured speakers. For more information go to <http://physicsfestival.tamu.edu/>.

Final Lecture in the Spring 2017 Distinguished Lecture Series

There is one lecture remaining in our Spring Distinguished Lecture Series. Lectures are informative and open to students, parents and guests. Lectures begin at 6 pm in the LGI.
 April 4 **Tonya Brami, MS** *A Geoscience Career in the Oil & Gas Industry: What Does That Even Look Like?*

Student Led Lecture Series

Amanda Doyle, AST Class of 2017, is hosting a 10 week series centered on our oceans and how to preserve this valuable resource. Students may earn exploration credit for the lectures. The schedule appears below:

March 29	Oceanic Wildlife Part I: Plants, Algae and Invertebrates
April 5	Oceanic Wildlife Part II: Chordates
April 12	Chemistry of the Oceans
April 19	Threats to Oceans Part I: Climate change, Thermal and Noise Pollution
April 26	Threats to Oceans Part II: Chemical Pollution, Oil Sills, and Trash
May 3	Threats to Oceans Part III: overharvesting, Aquaculture, and Habitat Destruction
May 10	Ocean Conservation Part I: Efforts to Protect Specific Species
May 17	Ocean Conservation Part II: Efforts to Reduce Pollution
May 24	Ocean Conservation Part III: Efforts to Use Sustainable Sources and Curb Climate Change

Exploration Opportunities- FIRST Robotics Lone Star North Regional

Students may earn 1.0 Exploration Credit by attending the **FIRST Robotics Lone Star North** Regional event hosted at TWCP HS on Saturday. Pick up a form in the Academy office and have it signed by Mrs. Humes.

Exploration Credits Can Be Earned with Walking Tours

The **Architecture Center of Houston (ArCH)** offers walking tours of the surrounding neighborhoods to explore architecture, design, and history of Houston's urban landscape. Each tour is led by a trained docent. Tours take place at 10 am. The following tours are offered. Reservations are encouraged. For more information go to <http://aiahouston.org>. These tours qualify for exploration credit for students.

- March 30 Towers & Trees Downtown Walking Tour
- April 1 Montrose Walking Tour
- April 6 Urban Art Tour Downtown
- April 8 3rd Ward Bicycle Tour
- April 20 Buffalo Bayou Walking Tour
- April 22 Rock Building Stones: Downtown Geology & Materials Tour
- April 29 Museum District Walking Tour
- May 4 UH Art & Architecture Tour
- May 6 Rice University Walking Tour
- May 13 Houston Heights Bicycle Tour
- May 18 Montrose Walking Tour

Freshman Student Social

Freshman students are invited to an ice cream social on Thursday March 30th from 3:15-4:30 pm at Sub Zero Ice Cream (Kroger shopping center at the corner of 1488 and 2978). Students will be able to create their own ice cream concoction and watch while it is immediately turned into ice cream using liquid nitrogen. Check out the website at www.subzeroicecream.com. If you can help with driving students to this event please let Amy Long or Jenny Hunt know.

Rice University Courses for High School Students

RiceEDGE is a selective program for motivated students to prepare for success in the nation's best colleges and universities. Students have several enrichment options:

- **RiceEDGE Summer School** offers students a full preview of college life. Students will engage in an undergraduate level course taught by Rice faculty, earn college credits, and experience life on campus with a diverse and talented cohort of fellow students. Students who choose the residential option will also live in one of Rice's nationally renowned residential colleges for the duration of the program (5 weeks). Courses available include **Biochemistry and Cell Biology** (with optional lab course) and New Frontiers in Film, Literature, Culture, and Digital Technologies, an interdisciplinary seminar with a focus on developing college-level writing and communication skills.
- **RiceEDGE Enrichment** courses offer students shorter but equally rigorous opportunities for intellectual and personal growth. In this inaugural summer, students can choose an intensive exploration of the refugee crisis and humanitarian assistance; an innovative leader development series led by the Director of the Doerr Institute for New Leaders; a cutting-edge introduction to **computer science and programming in Java**; or a humanities seminar on genius, madness, and creativity in the arts.

For more information go to <https://edge.rice.edu>. The application is now open. Eligible students are rising juniors and seniors (Class of 2018 or 2019); must be 16 year old by June 15; must be US citizens or permanent residents. Deadline to apply is May 1.

If you have questions, you may contact Rice at riceedge@rice.edu or call 713-348-3344.

Academy News

AST Students Participate in the NASA Design Settlement Competition

Sophomores **Marc and Darryl Previlor** participated in the NASA Space Settlement Design Competition last weekend. They went to the Johnson Space Center with the task of designing a substantial human base on the surface of Mercury. Marc was selected to be the president of one of the companies. In fact, Marc's team won the competition. As a result, Marc was selected to attend the International Space Settlement Design in July at the Kennedy Space Center.



Students Will Represent the Academy at the Repsol Celebration of STEM

Repsol will host a celebration of STEM and present students with a Student Innovation Award on Wednesday April 19th. Students representing the Academy include **Megan Alam, Juliana Steward, Hannah Meiseles, Roshni Sen, Sreshta Margan, Ajitha Anand, Nandika Nair, Andrew Kim and Hudson Nash.**

Academy Trivia Night

Please mark your calendars for **Academy Trivia Night**. It will be **Friday April 21 from 6:30-9 pm**. Dr. Kyle Scarborough will be the Master of Ceremonies again! Register your team in the Academy office- **\$10 per person**. The Academy Student Union will host a Cultural Night beginning at 6 pm. Come for both.



Academy Students Tour GLOBAL SHOP Solutions

GLOBAL SHOP Solutions presented a lecture to students in November on the business and how they help to make manufacturing businesses more profitable. The speakers focused on computer science and the software they design for businesses. This week GLOBAL SHOP Solutions treated students with a tour of their facility in The Woodlands.



P.A.S.T. for the Future News

Information from the Parents of Academy of Science and Technology

PAST Nominating Committee

Dear Academy parents,

It's hard to believe, but the end of the school year is coming fast! PAST is now planning for the 2017-2018 school year, and we'd love to have YOU get involved! Multiple board positions are available, covering a range of activities and time commitments. The following positions are currently open

Historian – collecting photos from various AST events for the AST Scrapbook

Fish Camp Coordinator – preferably a parent of an incoming freshman to support Dr. Caffery at the annual Fish Camp to coordinate parents volunteers

AST Senior Gala shadowing the current chairs – this is a position for a couple of current freshman parents.

Academics/Explorations – preferably a parent with an incoming freshman or underclassman to shadow and support the current Explorations chair.

So if you have been thinking of getting more involved with PAST but aren't sure what options are available to fit your schedule and interests, now is the time to ask! Please contact any member of the nominating committee if you'd like to learn more:

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