



STEM Lyceums

EXPLORE YOUR POTENTIAL IN STEM

CEE's Teacher Enrichment Program (TEP) hosted a Bite of Science webinar for Alabama STEM teachers on how STEM is useful in sports. The program featured Aaron Barzilai, Founder of Her Hoop Stats, RSI 1988 Alumnus, and Maya Ganesan, Global Strategy & Innovation Manager for the National Basketball Association (NBA). [Watch the recording here.](#)



Networking Opportunities

Join TEP's LinkedIn group to network and connect with TEP teachers and STEM professionals!

Join here:

Upcoming TEP Events:

Information Technology & Computer Skills for Students

February 7th, 2023 5:00PM—6:15 PM



STEM Student Wrap-up

On **Friday, February 3rd**, three experts from the aerospace industry shared valuable insights and career advice with high school students. *Talent & Workforce Policy Manager* Marybeth Lilly from the **Aerospace Industry Association (AIA)** spoke about her work at the AIA in fostering a dynamic and diverse workforce that will serve as the backbone of many upcoming innovations in aerospace. Aerospace is shaping the future of research and travel. Marybeth advised students to get involved with such STEM fields to increase their exposure to the industry through events like the STEM Lyceums or competitions such as AIA's American Rocketry Challenge.

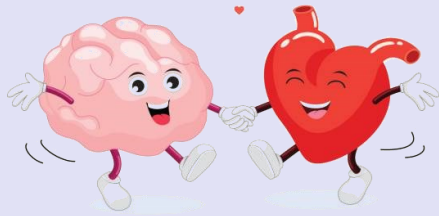
The next speaker, Grace Wilson Jackson, worked in *AIA as a Brooke Owens Fellow* and became an Spacecraft Engineer at *NASA's Goddard Space Flight Center*. She explained that her love for theater and experience as a stage manager led her to her position at NASA and advised students to stay true to their passions.

The third speaker, Sidharth Anantha, was a undergraduate student at the University of Michigan. As an RSI alumnus, Anantha spoke about the future of space, aviation, and defense, introducing major topics in aerospace today, such as developing sustainable aircraft fuel, autonomous vehicles, supersonic aircraft, and hypersonic missiles. He then stated that we are in the "New Space" era, where we can start reusing rockets and launching inexpensive satellites, and that humanity will advance to become an interplanetary species that will treat space travel like a common yet integral part of life, such as aviation 100 years from now. He emphasized that all engineering fields could work in the aerospace industry and advised high school students to work on projects in teams and at research labs to gain more experience and pursue internships.

A recording of the Webinar is [Live on CEE's YouTube](#) channel in the STEM Lyceums playlist for anyone who missed the event.

[Register here](#) for our event on Friday, March 10th, 2023.

STEM Fact of the Month:



7 Reasons why *LOVE* is Good For Your Heart

1. Lowers blood pressure.
2. Brain releases dopamine, just like when you are working out.
3. Embracing a loved one releases oxytocin.
4. Laughter makes your blood flow more freely.
5. Love letters can lower your cholesterol.
6. Positivity reduces your risk of a heart attack.
7. Holding hands calms nerves.



In the News

[How Is Virtual Reality Used to Help Students](#)

[With Learning Disabilities?](#)

A poster for 'STEM on the Hill!' featuring a QR code, a microscope, and an American flag on a green hill. The background is light blue with a string of American flags and stars.

STEM on the Hill!

[Register here!](#)

FRIDAY, MARCH 10TH, 2023

Log on to learn about quantitative decision-making in policy and discover how data analytics shape decision-making.

A poster for 'Engineering A Sustainable Future' featuring a globe of the Earth and a QR code. The background is light blue with a row of white stars at the top.

Engineering A Sustainable Future

Happy Earth Day!

[Interested in Going Green?](#)

Register to learn about the newest innovations in sustainability and explore career pathways for the environmentally curious learner.

21st April 2023

Interested in being a STEM Ambassador for your school?

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