STEM Society 2018-2019 Mid-Year Newsletter

STEM Society Mid-Year Recap

We are so grateful for your support of Green Revolution’s STEM Society. Because of your efforts, Green Revolution is advancing STEM equity and access for youth in the Dallas Fort Worth area by introducing them to new experiences in STEM.

As an organization, our scholars have traveled to two state parks (Dinosaur Valley State Park & Cleburne State Park) and contributed 150 hours of service, mentoring students (5th – 8th grade) at the November STEM-U event.

With your continued support, we can achieve our goal of introducing 300 students (5th – 8th grade) to the wonders of STEM with our service learning projects.

Our Impact

By the numbers, to-date

- 73 students (5th – 8th grade) mentored
- 100% STEM-U Participant Satisfaction
- Met 93% of STEM-U Expectations

Memorable Quotes by STEM-U Participants

- I didn’t know much about plants, but now I know more about them and would like to learn more.
- I am more interested in science
- This is the best experience I ever had.

Announcements

Scholarship Opportunity (All High School Juniors): Interested in free SAT/ACT prep, personalized college advising, and an opportunity to earn up to $20,000 in scholarship funds? Click HERE for more information.

Leadership Opportunity: STEM Society is proud to announce that it will be opening positions for its Leadership Team later this Spring. Stay tuned for more information on how you can get involved.

Paid Internship Opportunity (Graduating High School Seniors and Undergraduates): Contact Jared Williams (jwilliams@brit.org), if you are interested in 1 of 2 paid internship positions in tissue collections and plant genetics at BRIT this summer.
Looking Ahead

Here is a snapshot of the exciting events on our calendar! Stay tuned for more details as the Spring 2019 Semester begins!

Attention all Scholars: be sure to complete your GROWTH Service Hours by volunteering at our upcoming events. Your GROWTH Service Hours Log is due Friday April 26, 2019.

Upcoming Service Projects

STEM-U
Date: February 9, 2019 & March 9, 2019
Event Details: 8 – 11:30 am at BRIT

Growing Our Community Project
Date: April TBD, 2019
Event Details: Stay tuned for more information

STEM Society Scholar Reception
May 23, 2019
The Scholars Reception event will be held for Scholars that have fulfilled their GROWTH Service Hours and will feature a speaker with a successful career of service in STEM, a pinning ceremony, a STEM Society graduation cord for graduating seniors, and a scholarship award of excellence given to the most outstanding STEM Society Scholar and graduating senior.

STEM Society Leadership Camp
May 24 – 26, 2019
STEM Society Scholars who have successfully applied and been accepted onto the STEM Society Leadership Team will be invited to attend the 3-day STEM Society Leadership Camp. We are currently finalizing plans for this exciting camping trip at a local state park.

Stay tuned for more information!
STEM Career Highlights

For this edition of the STEM Society Newsletter, Plant Biotechnology, Environmental Engineering Sciences, and Data Science college and career pathways will be highlighted!

Science Careers

Plant Biotechnology

The study of identifying genetic traits of plants that can be used for specific bioengineering applications. Click [HERE](#) to learn more about plant biotechnology at BRIT.

College Pathways

Click the following links for more information on college pathways in Plant Biotechnology: [Collin College](#), [University of Houston](#), [West Texas A&M University](#)

Engineering Careers

Environmental Engineering Sciences (EES)

An interdisciplinary field of study that focuses on reducing environmental impacts through sustainable design principles.

College Pathways

Click the following links for more information on college pathways in EES: [University of Texas Austin](#), [Texas Tech University](#), [Texas A&M University](#)

Math Careers

Data Science

An interdisciplinary field that utilizes scientific and mathematical approaches to interpret various sets of data.

College Pathways

Click the following links for more information on college pathways in EES: [UT San Antonio](#), [TCU](#), [Rice University](#)
21st Century Skill Highlights

At Green Revolution, we believe GROWTH (Right!) is an important value system for success. Find opportunities to continue sharpening and sharing your Grit, Response-Ability, Outdoors experiences, Wellbeing, Teamwork, & Hope that you can make a difference!

Here’s some inspiration from some thought-leaders around the world.

Relationships with Others

Teamwork makes the dream work!

*Relationships are all there is. Everything in the universe only exists because it is in relationship to everything else. Nothing exists in isolation.*

- Margaret Wheatley

Perseverance

*Keep calm and press on!*

*As much as talent counts, effort counts twice.*

- Angela Duckworth

Problem Solving

*Success begins with a scholars’ will!*

"It is the mark of an educated mind to be able to entertain a thought without accepting it."

- Ellen Ochoa