GISTEM 2021 YEAR IN REVIEW

GIRLS INNOVATE!

#GiSTEM



Highlights of our News & Blogs

What an impactful year! From features in various articles to inviting Women STEM professionals to share their journeys, we have been able to provide informative content to our supporters. We encourage you to head over to our website to check them out!











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ut their feature story: Inspiring the next generation of women in

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Have you heard that your hobbies and interests can make you a more well-rounded STEM professional? Here are STEM profess celebrating National Roller Skating Month & discussing their careers.

Check out their story: National Roller Skating Month: Skaters in STEM

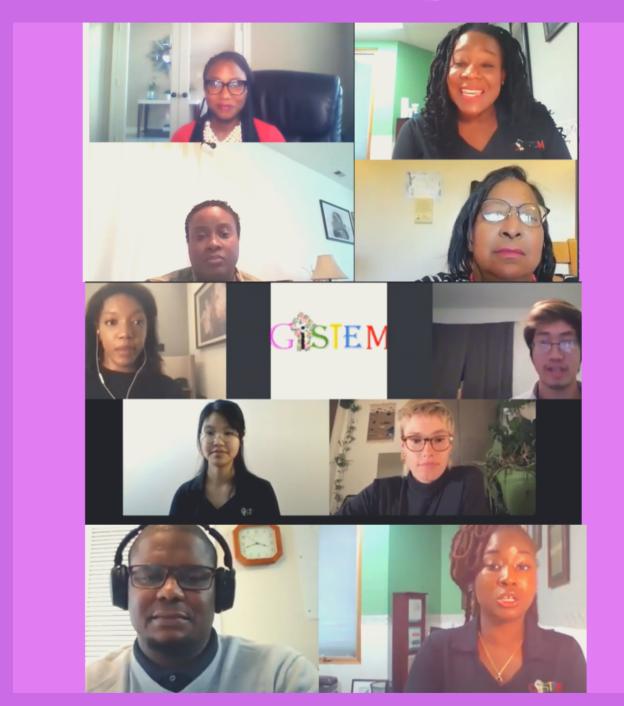
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Images featured from GiSTEMChats 2021



In 2020, GiSTEM had to reimagine the best way to push forth the mission due to the coronavirus pandemic. Our team had the time to go back to the drawing board to cultivate the goals of the organization. In the process we wanted to find a way to connect our supporters with resources to move their career forward in STEM. From this, our GiSTEM Chats blossomed.

Since then, we have had the opportunity to continue our GiSTEM Chats into 2021. Our virtual chats are our platform where we invite STEM professionals to speak to our viewers about their field. The chats are structured as an interview style, where the host (a GiSTEM personnel) ask questions relative to the professional(s) background. The chats are held in coordination with STEM based holidays recognized in the United States and other parts of the world to bring light to the various career paths that exist.



GISTEM Chats

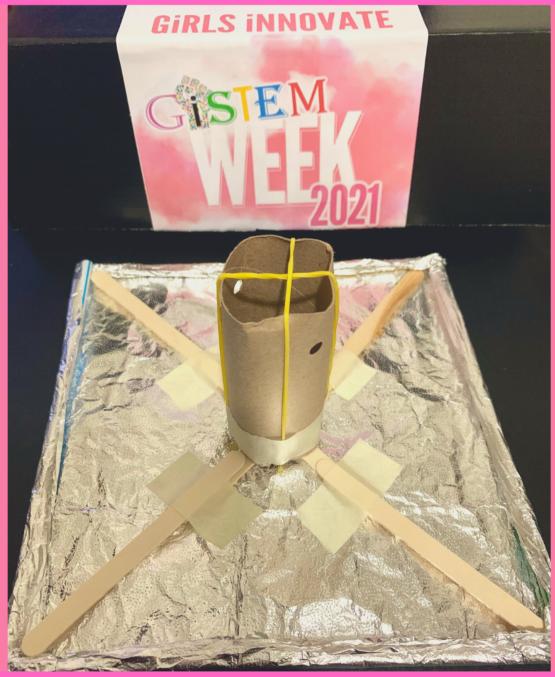


We ended the 2021 year with a total of 6 GiSTEM Chats with total of 10 guests (20% males & 80% female professionals) to cover each area of STEM. Among the companies where our guests were employed were NASA, Shell Oil, TikTok, Novetta, Eaton, U.S Air Force, etc. We had a range of educational levels from Associate to Doctorate. Though the guests were from different fields, cultures, and genders, there was a core consensus that they believe girls should pursue STEM and are needed at the table.

GiSTEM plans to increase the number of chats by 10% by highlighting new STEM based holidays and careers for our viewers. Be on the lookout for our events in 2022.







Featured image from participant of GiSTEM Week 2021.





We had the opportunity to host our Inaugural GiSTEM Week: (GW) Girls Innovate (July 6, 2021 – July 11, 2021). Over the week, we invited powerful women STEM professionals to share their journey and drive the points of the topic that was shared that day. With 10+ speakers, 3 judges and our participants (rising 7th – 12th grade girls), it was amazing to witness the growth throughout the STEM intensive virtual program. The participants were introduced to new concepts such as the Scientific Method, Technological Design Process, Engineering Design Process, and Data Analysis. Each concept assisted them in gaining the knowledge to complete their capstone project to present on the last day.

For the project, the participants were divided into groups Each group member received a role and were employed by the organization name GiSTEM Systems, Inc. The VP of the organization sent a memo to the employees to let them know that NASA contracted the company to deliver and design solutions to sustained human presence on the Martian surface. After researching, discussing solutions and conducting a prototype, the groups had to prepare for presentation day.

Each group had to present their research project to the three judges which including a NASA Research Scientist, a Naval Surface Warfare Research Scientist and a Sponsor (As Need Temporary Services). The participants were scored based on the group's content, delivery, and overall presentation. Each participant received an award(s) for her innovative solution to the problem. The poster presentations are shown on the right.

Prior to GiSTEM Week, the participants were interested in science. By the end of the week, their interests shifted to other fields with science still at the highest.



No matter what people tell you, words and ideas

change the world.

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Pictured: Board member Deja Shabazz at the Covid-19 Clinic in South Richmond, VA.



Our highlighted GiSTEMpact event for 2021 was our participation in the the Covid-19 Clinic located in an underserved community in South Richmond, VA. We partnered with another local organization (Team Ujima) to help them meet their goal of providing resources for the community and become knowledgeable about the Covid-19 vaccine. As advocates for helping people understand the importance of the COVID-19 vaccination, we wanted to make sure we participated.

GiSTEM reached out to DoorDash to assist in making an impact at the event. DoorDash awarded GiSTEM with community credits to support our efforts to incentivize individual that got vaccinated.





GiSTEM brought 50+ bookbags to the event. During the event, we provided backpacks to girls in the community. Following the event, our President and Vp participated in the Hud STEM Innovation Network event in the same community.



A letter from our President

Wow, what a year! GiSTEM has truly had a great 2021. While our events remained virtual, we have been able to provide an atmosphere to make our participants feel the personable connection. With our participants in various parts of Virginia, going virtual gave us the ability to reach them and provide great professionals to be part of their journey.

I am so pleased with the hard work and hours the team put in to ensure that our girls' experience was worth it. From creating the curriculum to delicately choosing the appropriate speakers for GiSTEM Week, GiSTEM Chats and participation in the GiSTEMpact events, none of this could have been possible without you!

To our girls of 2021, I am thankful for your participation and feedback to help GiSTEM move forward. You guys are our pioneer group that gave shape to the program. Without you, there would be no GiSTEM. We are so grateful to be part of your STEM journey and always remember, we are only one call or email away. Thank for allowing us to instill confidence, influence your critical thinking and inspire you to be the next generation of women in STEM.

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With best regards,

Founder & President GiSTEM, Inc.

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De Are Ready 2022!



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