SIXTH ANNUAL





2020

Oct 2, 2020 through Nov 1, 2020



Over 700 Events

Every County

All Ages

Free Events

Sponsorships Available











MarylandStemFestival.org















http://marylandstemfestival.libsyn.com/website



The 2020 Maryland STEM Festival

The 2020 Maryland STEM Festival met the challenge of COVID by holding a full month of Science, Technology, Engineering and Mathematics with over 200 events, all VIRTUAL! The Festival created STEM Opportunities across the State.

On Earth Day April 22nd, as part of our 2021 kick-off, we will be releasing all of our 2020 videos on our YouTube channel for convenient on-demand viewing. Check out the videos you missed or want to watch again.



Festival Supporters

University of Baltimore

American Council of Engineering Companies-Maryland

MarylandSTEMFestival.org



Manufacturing Events

This year's theme was Manufacturing and Design. The Festival was designated a Champion of Manufacturing by the Regional Manufacturing of Institute of Maryland. There were numerous programs featuring one of Maryland's major industries including:

- Opening Ceremony with keynote speaker, Senators Van Hollen and Cardin, as well as Maryland Secretary of Commerce Schulz. The event included speakers from Northrop Grumman, Stanley, Black and Decker and RPMTech
- Maryland Manufacturers against COVID highlighting
- three Maryland Manufacturers and their efforts to
- battle COVID.
- Women in Manufacturing featuring five women who worked in the Manufacturing field.
- Factory Tours showing how the PRS Guitar Factory and Baked in Baltimore produce their products.







Astronomy Events

There were nearly 50 Astronomy-related events and the Festival received tremendous support from NASA. Some of the many Astronomy Related events were:

- Meet an Astronaut with Maryland native Ricky Arnold who discussed his experience with the Space Shuttle
- and on the International Space Station.
- International Space Station, design, assembly, and use.
- NASA Space Networks where NASA engineers and scientists discussed the complex Space Network that
- helps operations on Earth and study the Cosmos.
- Outer Space Trivia Night was held by Carroll County Library





Comedy Shows and Musical Performances

As the Festival pivoted in the wake of COVID into an all-Virtual format, we sought new, interesting events. Four of these events were Comedy Themed Science Shows. Many people don't associate humor and STEM, but we proved them wrong. These events were organized by Kasha Patel and DC Science Comedy.

The shows were:

- Robots & Humans
- Science Comedy Night- Engineering
- Physics Variety Show
- ExtraRidiccular Science: The Game Show

Martha and the Positron's, a local STEM focused music group, also held two live virtual performances playing their unique STEM focused songs!





And More!

As has been the case since the Festival's inception, there were wonderful STEM events hosted by organizations across the State covering a wide range of topics.

- Brain Battle Family Trivia hosted by Harford County Library
- STEM Night @ The Brish was held by The Brish Planetarium of Washington County Public Schools
- Beginning Solder Classes by Unallocated Space
- STEAM-In-A-Box hosted by Chesapeake Life Magazine.
- Computer-Aided Manufacturing Program at
- Community College of Baltimore County





MarylandSTEMFestival.org



Maryland STEM Festival Donations

The Festival launched new avenues & outreach methods to provide STEM opportunities. The Festival purchased Science Kits from FutureMakers and Engineering Books from Start Engineering. The Festival donated these kits and books to several organizations including:

- The NAACP
- Greater Washington Asian Deaf Association
- Maryland School for the Blind
- Central Maryland Girl Scouts
- Bay Brook Elementary/Middle School
- Parr Ridge Elementary School



The Festival is planning to continue this new direct outreach during the 2021 Festival, continuing to put STEM opportunities directly in the hands of those in our State who may not otherwise have the opportunity!



With the 2020 Virtual Festival in the books, the hope is that the 2021 Festival will return to a largely in-person format.

Obviously, there's no guarantee, but our dedicated team is eager to return to live events throughout our great state, while prepared to continue the great success from our virtual festival this past year.

The 2021 Festival will take place from October 15th through November 14th. With COVID continuing to dominate the news cycle, we have chosen Health and Wellness as our 2021 theme. Check our website and social media as the details develop.



The Maryland STEM Festival is a 501c3 corporation that needs the public's support to survive. Check out the website for sponsorship, donations, bequests, and crowdsourcing opportunities.