

FUELING FUTURES & TRANSFORMING LIVES

HELP US KEEP **IGNITING POSSIBILITIES**

**DONATE TODAY TO FUEL OUR MISSION FOR THE FUTURE.
HELP US INSPIRE WHAT'S NEXT FOR SAN ANTONIO.**

- WHERE WE STARTED -

1970

David Monroe started his STEM journey as an intern at Datapoint, where he participated in developing the core innovations that would lead to the evolution of the personal computer and computer networks as we know them today.

1983 - Today

Monroe founded companies in the electronics, communication, and security space, including Image Data Corporation, PhotoTelesis Corporation, The Telesis Group and e-Watch Corporation, resulting in 54 patents related to these and other technologies.

1980 - Today

Monroe collects museum-quality artifacts in the electronics, computers, communications and cybersecurity space, which were the foundation of Monroe's collection.

2010

Monroe began showcasing his technology artifacts at e-Watch.

- WHERE WE STARTED -



2012

Founding of SASTEMIC under the leadership of Scott Gray.

2015

SASTEMIC co-founder Cliff Zintgraff, learned of Monroe's efforts, and the partnership between the two organizations was born.

2018

SAMSAT helped launch The Mayor's K-12 Smart City Challenge.

2020

SAMSAT transitioned to 100% online and virtual learning due to the COVID-19 pandemic with more than 3,000 students participating in online coursework.

Launched the David Monroe SAMSAT Education Center - SAMSAT now inspires what's next from for both students and adults.

2013

SASTEMIC acquired the Geekbus, a mobile STEM lab that travels to schools.

2017

SAMSAT & SASTEMIC moved to the current 15,000 square foot Preview Center at Port San Antonio, launching Explore & Do Tours and other onsite exploration programs.

2019

SASTEMIC & SAMSAT merged to become one organization with the mission to inspire minds to innovate through STEM, fueling the future San Antonio STEM workforce and transforming the local community.

SAMSAT TODAY

The San Antonio Museum of Science and Technology (SAMSAT) is the local technology museum dedicated to inspiring what's next through STEM education, fueling the future San Antonio STEM workforce and transforming the local community.



532

STEM events hosted
since 2015



114,000+

Adults and students
served since funding



120

Online events
provided to date in 2020



37,500

Students experienced
Geekbus™ and other field-based
programming since 2016



31,000+

Community members served
through SAMSAT Family Days, lecture series,
special events and online resources



800+

Teachers received
professional development
STEM training since 2015



5,743

Adults and children
participated in Family Day in 2019



3,000

Students participated in
online courses developed
as a result of COVID-19

Fueling the Future Through STEM Education

SAMSAT Online – FREE online inquiry-driven courses ranging from video game design and fossils, to cybersecurity and robotics.

SAMSAT Spark - Students take a deeper dive into various STEM topics, engage in hands-on learning activities and complete course-related assignments. These courses ignite innovation and spark an interest in STEM!

SAMSAT Academy - Students complete a sequence of SAMSAT Spark coursework, participate in a topic-related career course, and complete a final project to earn a SAMSAT Academy digital badge. These courses, designed to guide students on a path to a STEM career activity, can lead to scholarship opportunities and provide the foundation for a future in STEM.

Explore & Do Tours - Groups of students participate in a guided tour of the SAMSAT Preview Center and participate in a hands-on STEM activity. During these experiences, students will learn the history of invention, principles of innovation and view the Edison experimental light bulbs, Enigma WWII coding machine and Tesla coils!

Geekbus - Our mobile STEM lab brings hands-on STEM activities to schools and community organizations. Since 2011, Geekbus has served more than 37,500 students, generating awareness of STEM education, it's application in the real world, and how students can pursue engaging and rewarding STEM careers.

Connecting in the Community

As of March 2020, SAMSAT transitioned to 100% online and virtual learning due to the COVID-19 pandemic, with more than 3,100 students participating in online coursework from March through September.

Currently, SAMSAT partners with numerous community organizations for special programs related to STEM, invention, innovation and application, custom curriculum and community-driven initiatives. Some of our current programs include:

- **Boeing SAMSAT Academy**
- **CPS Energy Watt Watchers of Texas Club & Badge**
- **Girl Scouts of Southwest Texas Video Game Design Coding Club & Badge**
- **The Mayor's K-12 Smart City Challenge**
- **Invention Convention**
- **Impact San Antonio: Port San Antonio STEM Consortium**
- **JBSA Lackland Cyber Badge**
- **BrownSTEM Cyber Badge**
- **3M Cyber Badge**
- **Palo Alto Upper Bound**
- **KLRN's Camp TV**

“

I enjoy the SAMSAT classes because they cover topics not usually covered by online classes, even those by other science museums or societies.

Elijah, 14 years old

”

“

Because of this program, I am much closer to getting into the career I've always dreamed of. The training I received has already paid off thanks to SAMSAT hiring me as part of their current intern program, as an administrative assistant. I'm eager to continue learning the constructs of business management and general operations

Shirleyann Cameron, Workforce Training First Cohort

”

“

Our partnership with the San Antonio Museum of Science and Technology aligns wonderfully with our goal of creating girl leaders in STEM and helping bridge the gender gap by ensuring that girls of every age have opportunities to participate in progressive, multiyear STEM experiences. These girls will work with SAMSAT staff to earn their Coding for Good Badges and explore how computer scientists create programs and video games that can help others.

Rachel Vara, GSSWTX STEM Program & Curriculum Coordinator

”

Help us increase our impact to the community by donating today.

Visit www.samsat.org/support to help us continue to inspire what's next.

Where We're Headed

By 2021, SAMSAT will encompass more than 68,000 square feet at the Port San Antonio's Innovation Center. Here visitors can explore the past, present and future of STEM in an interactive and engaging environment.

- Hands-On Exhibits
- Cyber Security Simulator
- Technology Showroom
- Demonstration Classrooms
- Workforce Training Center
- Event Space
- Tech Artifacts

Your Support Will Fund the Future of San Antonio Through STEM!

SAMSAT knows that inspiring innovation through STEM programming, education and training will develop a capable STEM-focused workforce that will fuel the future of cybersecurity, IT, medical and other STEM related industries that are booming in San Antonio.

Your donation ensures that we continue to transform lives from *K through gray*.



DONORS LIKE YOU:



Engaging Globally

SAMSAT's education team is engaged on the global stage, providing thought leadership for policymakers to teachers and students about how STEM education fits into the priorities of cities and regions, and how cross-sector partners can band together to create great STEM education experiences for students.

- **STEM City Global Summit: Connecting K-12 Education to the Challenges of the Real World – San Antonio, Texas**
- **Making STEM Cities: Education Ideas and Strategies, for Policymakers to Students – New Delhi, India**
- **Evolving Paradigm of Higher Education Amidst a Coronavirus Pandemic - New Delhi, India**
- **STEM Career presentation at PIO IX technical school in Buenos Aires, Argentina**

Transforming Lives Today Through Workforce Training

Through the San Antonio's Recovery & Resiliency Program and the Bexar County Strong Program, SAMSAT extended its services to include adult workforce education. This important community initiative allows SAMSAT to transform the lives of the unemployed through training at the SAMSAT Education Center and training hub. Now, SAMSAT can help inspire what's next, now from K through gray.

Training Sectors:



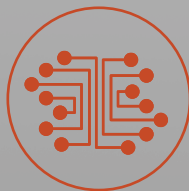
AEROSPACE



CYBER-SECURITY



ROBOTICS



INFORMATION TECHNOLOGY



ADVANCED MANUFACTURING