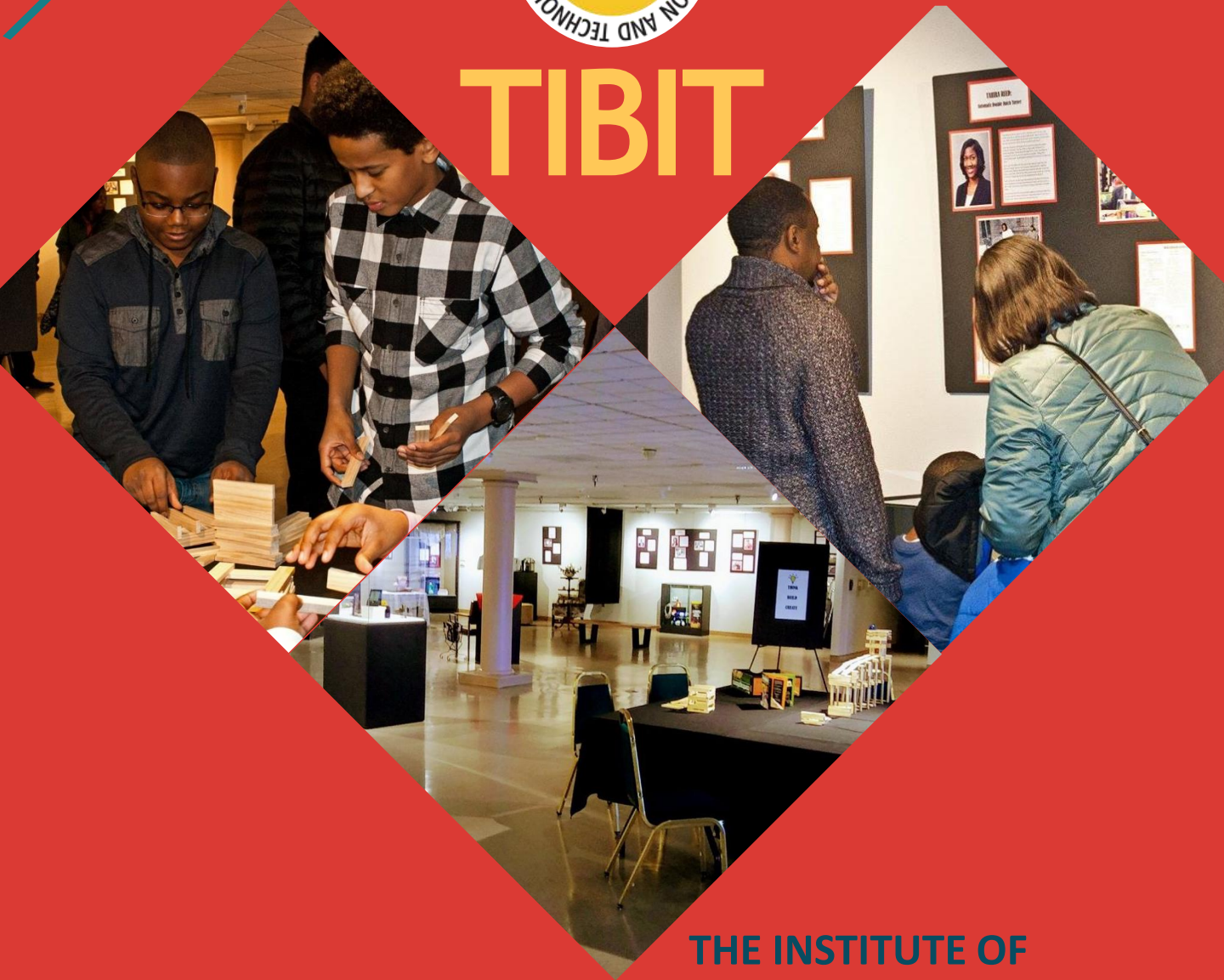




# TIBIT



THE INSTITUTE OF  
**BLACK INVENTION  
& TECHNOLOGY**

Walk away *informed, inspired* and *uplifted* as you see the artifacts and read the stories of past and present black inventors/innovators who are often overlooked in traditional classrooms and history books.



**Alexander  
Miles**

Miles invented a mechanism that triggered the shaft doors to open and close along with the elevator doors, making the ride safer. Elevators today, still use this feature.



**Alice  
Ball**

Ball created the first injectable treatment to alleviate leprosy symptoms. Later known as the "Ball Method."



**Marian  
R. Croak**

Croak received over 100 patents in integrated voice and data communications (VOIP technology) while working at AT&T labs. She now works at Google.



**Michael  
Jackson**

Jackson was a singer, songwriter, dancer, and one of the greatest entertainers of all time; however, he was also an inventor. He invented a special shoe for creating an anti-gravity illusion.



**Ayanna  
Howard**

Howard is a roboticist and the School Chair for Interactive Computing, Georgia Institute of Technology. She founded Zyrobotics, which develops STEM education tools for children.



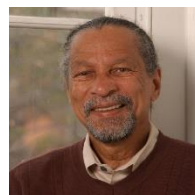
**Marc  
Hannah**

Hannah co-founded Silicon Graphics. His computer programs were instrumental in the creation of special effects for films like "Jurassic Park," "Aladdin" and "Beauty and the Beast."



**Granville  
T. Woods**

Woods was awarded more than 50 US Patents. Three of his most important patents were the "Over-head Conducting System for Electric Railways", the "Synchronous Multiplex Railway Telegraph" that allowed moving trains to communicate with each other and Woods also invented the Third Rail System which is still used to provide power to subways.



**James  
West**

West, along with a co-worker, developed the foil electret microphone, an expensive microphone compact device that is used in 90% of all contemporary microphones. He now does research and teaches at Johns Hopkins University.

# TRAVELING MUSEUM



## WELCOME

The Institute of Black Invention & Technology, Inc. is a 501(c)(3) nonprofit organization that brings a traveling exhibit to you.

**Our mission:** To collect, preserve, exhibit, interpret and promote the ingenuity and creativity of African Americans in science, technology, engineering, art and math (STEAM) to inspire the innovators of tomorrow.

**Our vision:** To inspire young people, particularly African American youth, to change their mindset about what they can do, who they can be, and what they can become by not being afraid or intimidated by pursuing STEAM and entrepreneurship possibilities.

## Exhibits are ideal for:

- Colleges and Universities
- Schools
- Libraries
- Community Organizations
- Youth Groups
- Corporate Events

# ABOUT US

## Experience

*Carroll and Sandra Lamb have spent over two decades collecting and researching African American history with a particular emphasis on African American inventors/innovators in the fields of science, technology, engineering, art and math (STEAM) to create the TIBIT traveling museum. The Lambs have showcased TIBIT exhibits in all five regions of the United States to over 40,000 individuals.*

## Gallery Venues

*The Lambs have displayed the various TIBIT exhibits at K-12 public, private and charter schools, colleges, universities, summer camps, libraries, senior living facilities, living rooms, art museums and cultural galleries. The exhibits are intentionally customized to fit the intended audience. The Lambs and volunteers serve as docents to answer questions and to engage the audiences in thought provoking conversations.*

## Distinguished Collections

*TIBIT is the only traveling museum that exclusively highlights the achievements of African American men, women, and youth in science and innovation. Carroll and Sandra have amassed over 200 original artifacts or reproductions of these inventions. The museum's collections are comprised of artifacts, photographs, books, and other memorabilia to showcase the stories of African Americans in STEAM. They have obtained these artifacts from antique stores, flea markets, Ebay, bookstores, the inventors themselves, and from corporations to create an informative and impactful traveling museum that highlights the accomplishments and contributions of African Americans who have largely gone unrecognized in our nation's history.*



# Carroll G. Lamb

## Executive Director



**Carroll G. Lamb** is the executive director of TIBIT. He holds a Master's degree in Cultural Anthropology from the University of Massachusetts-Amherst and a Bachelor's degree in Economics from Howard University-Washington, D.C.

Carroll's career in Human Resources Management has spanned more than 30 years in both for-profit and non-profit sectors. He was involved in recruiting, screening, interviewing, and employee relations. He also provided trainings to employees on the importance of and competencies necessary to improve or increase customer satisfaction.

Carroll developed an interest in photography while stationed in South Vietnam. He was fascinated by both the terrain and the people. He sought to capture the real life moments of individuals and families with a camera. After returning to the states, he began taking photographs professionally.

During TIBIT's first four years, its major fundraiser was selling calendars entitled "When I Grow Up, I Want to Be...". Carroll designed the layout of the calendar and was the photographer. The calendars featured different inspirational photographs of children depicting African American men and women inventors/innovators along with the inventors'/innovators' biographies.

Carroll is a member of the Association for the Study of African American Life and History (ASALH) and the Museum Educators Roundtable (MER).

## Why the traveling museum?

*"When my wife Sandra said, "Children need to see this exhibit," my response was "Everyone needs to see it." I believe that people of all ages and races should be exposed to the creativity and inventiveness of African Americans in science and technology. America's history is not complete without an accurate inclusion of these contributions to society and to the world. I want people to be uplifted when they leave our exhibit. I want young people to believe that both science and technology are within their grasp if they work hard."*



## Contact Us



@tibitorg



tibitinc@aol.com

[www.TIBIT.biz](http://www.TIBIT.biz)

# Sandra P. Lamb

## Director of Educational Programming



**Sandra P. Lamb** is the co-founder of the Institute of Black Invention & Technology, Inc. She earned a Master's degree in Early Childhood Education from the University of Massachusetts-Amherst and a Bachelor's degree in Social Studies from Emporia State Teachers College (now Emporia State University).

She has more than 40 years of progressive experience as an elementary and pre-school teacher, School Readiness Coach, Head Start Director, Teacher Trainer, consultant, and college lecturer and instructor.

She designed the Institute's workshop for pre-school and kindergarten teachers on integrating black inventors into the curriculum. She also wrote the accompanying handbook entitled "Incorporating the Inventions of Black Inventors through Play."

Sandra is a member of the Association for the Study of African American Life and History (ASALH) and the Museum Educators Roundtable (MER).

### Why the traveling museum?

*"Seeing the traveling exhibit on black inventors in Philadelphia had a profound affect on me. As an educator, I realized that this was information that children should know, particularly African American children. Over the years, the schools and media have highlighted the accomplishments of African Americans in sports and entertainment, but given very little, if any, attention to the contributions of blacks in the fields of science and technology. This is what motivated me to put an exhibit together with my husband Carroll. I want young black people to know that they come from a people with a history of fortitude, endurance and inventiveness. I want them to know that they can be creators not just consumers."*



## Contact Us



(816) 550-3585



sandralam5@hotmail.com

[www.TIBIT.biz](http://www.TIBIT.biz)

# Girls' STEAM/Entrepreneurship Summit

To provide an annual summit that engages and cultivates interest in STEAM (Science, Technology, Engineering, Art, Math/Medicine) fields and Entrepreneurship in young minority females ranging from 8-12 years of age.



## GIRLS' SUMMIT



## What The Girls Say

*"I wish my best friend had come. It was great making and flying drones."*

- Maya

*"It was awesome. It was like nothing I have ever been to before."*

- Joziah

*"I like that the Girls' Summit had a lot of empowerment for the girls and women. It helps young girls plan for the future like me, doing things I've never done before. The Summit encourages girls to stay in school, so that they can have a good future and job."*

- Braxton

# *Featured Exhibits*

---

## **A Salute to Black Inventors & Innovators**

This exhibit highlights African American trailblazers and contemporaries in the fields of science, technology, transportation, hair and skin care, medicine, household items and fun things to do. Learn about the ingenuity of these trailblazers whose genius shone through despite the roadblocks of adversity and racial barriers.

Upon request, there is a free lecture highlighting the exhibit (20 minutes).

---

## **A Spotlight on African American Women in STEAM**

This exhibit celebrates the contributions of 30 African American women who made the world a better place through their advancements, discoveries, inventions and innovations.

---

## **African Americans in Space**

This groundbreaking exhibit features African American astronauts who have contributed to space exploration as well as the “Hidden Figures” from the 1950’s to “Modern Figures” today who work behind the scenes. Find out about a former wide receiver for the Detroit Lions who became a NASA astronaut. What connections do Will.i.am and Pharell Williams have with NASA?

---

## **Innovative Entrepreneurs (20 under 20)**

Age is just a number when it comes to innovative entrepreneurs. Come learn about twenty young trailblazers who are making their mark in industries such as food and beverages, technology, skin care, and fashion.



## The Black Inventors Showcase

This exhibit is comprised of over 100 inventors and innovators, taking you on a journey through the African American experience from West Africa to the present day. You can read and view biographies, patent drawings, authentic inventions, representative models and more.

A free lecture highlighting the exhibit or a video entitled "The Roots of African Civilization," looks at the societies of the people who lived in ancient West Africa, its major kingdoms, important cultural signposts, such as religion and the seeds of the European and American slave trade that would later take hold.

## Traveling Trunk

The Institute of Black Invention & Technology, Inc.(TIBIT) is committed to bringing its traveling museum directly to you. The Traveling Museum provides an entertaining and interactive experience for schools and non- profit organizations to learn about the contributions and achievements of African Americans to science, technology, engineering, art, and math.

### *Full Steam Ahead: Pre-K – 2<sup>nd</sup> Grade*

In this interactive program, children will learn about selected African American inventors through storytelling, poems, songs and art.

## Exhibits for Seniors: WE BRING THE EXHIBITS TO YOU!

### *IF THESE OBJECTS COULD TALK:*

Have you ever wondered what it would be like if objects had a voice of their own? What would they say and what could they tell us about our history? Join us in this fun, interactive, and informative, exploration of objects that reveal an aspect of our history that sheds light on the inventiveness of African Americans.

**“A people without the knowledge of their past history, origin and culture is like a tree without roots.”**

*Marcus Garvey*



# TIBIT



## What Visitors Say

“A lot of people have not heard of these inventors and in many cases they are not taught [about them] in the schools. When people come by and see it and touch it, the information on that invention will linger with them longer and hopefully stay in their minds forever.”

Kantinga K. Camara,  
Head Librarian, John D. O’Byrant African  
American Institute, Northeastern  
University

“An amazing display of inventions by African Americans—deeply researched and carefully designed for people of all ages.”

Robert C. Hayden,  
Author of *Eight African American Inventors*  
and *Seven Black American Scientists*

“Awesome exhibit!”

Shalonn “KiKi” Curls,  
Democratic member of the Missouri Senate since  
2011

## Contact Us



P.O. Box 300542  
Kansas City, MO 64130



816.550.3585



info@TIBIT.biz



www.TIBIT.biz