Welcome to D.N.A. Discovering New Adventures HBCU connection. This page was created In an attempt to bring higher learning to your fingertips in one fell swoop. Part of our mission is to spark an interest in STEAM using pre-existing information and resources that are right under your nose with our unique platform. Please enjoy connecting to the many wonderful options that are available for aspiration and inspiration. Your adventure awaits!


DNA
DISCOVERING NEW ADVENTURES
SCIENCE



Dr. Lloyd Hall

(1894-1971)

Dr. Lloyd Hall's major accomplishment was his work in food sterilization and preservation that improved processes in food packing and preparation.

Dr. Marie M. Daly

(1921-2003)

Marie M. Daly is best known for being the first African American woman to receive a Ph.D. in chemistry in the United States.





Dr. Edward Alexander Bouchet

(1852–1918)

In 1876, Edward Alexander Bouchet became the first African American to earn a doctorate degree in the United States.

HBCUs THAT SUPPORT SCIENCE -

- Howard University
- Florida A&M University
- Tuskegee University
- Alabama A&M University
- Norfolk State University

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DISCOVERING NEW ADVENTURES

TECHNOLOGY

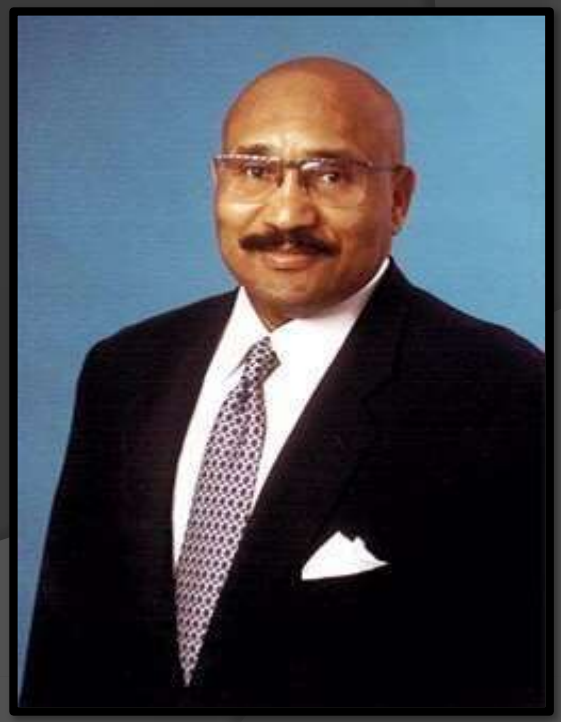


Dr. Shirley Jackson

Dr. Shirley Jackson was the first African-American woman to earn a doctorate in nuclear physics at MIT. Her experiments with theoretical physics paved the way for numerous developments in the telecommunication space including the touch-tone telephone, the portable fax, caller ID, call waiting, and the fiber-optic cable.

Emmitt McHenry

Emmitt McHenry co-founded Network Solutions, Inc., one of the early leading Internet domain services providers. In 1995, he founded NetCom Solutions International, a telecommunications and engineering company that has won awards from IBM and NASA, among other places.





Lisa Gelobter

If you ever enjoyed an animated GIF on the web, like this throwback clip of Soul Train, then you have Lisa Gelobter to thank. She has been integrally involved with the advent of several pioneering internet technologies, including Shockwave, the genesis of animation on the web, and the emergence of online video by way of Brightcove, Joost, and The FeedRoom .

HBCU's THAT SUPPORT TECHNOLOGY -

- Howard University
- Bowie State University
- Alabama A&M University
- Morgan State University
- Florida A&M University
- Norfolk State University
- Fayetteville State University
- Fort Valley State University
- Xavier University of Louisiana
- North Carolina A&T State University


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DISCOVERING NEW ADVENTURES
ENGINEERING



Mary Jackson

(1921-2005)

Mary Jackson, NASA's first Black female engineer, who along with pioneering mathematicians Katherine Johnson and Dorothy Vaughan helped NASA send the first American to space.

Lewis Latimer

(1848-1928)

Lewis Latimer, an inventor and engineer who created an improvement to Thomas Edison's light bulb, which burned out too quickly.





Jerry Lawson

Jerry Lawson, a self-taught engineer who became the first major Black video game engineer and designer. Lawson created the first cartridge-based video game console.

HBCUs THAT SUPPORT ENGINEERING-

- Howard University
- Hampton University
- Florida Agricultural and Mechanical University
- Xavier University of Louisiana
- North Carolina A & T State University

HBCUs THAT SUPPORT ENGINEERING-

- Morgan State University
- Jackson State University
- Norfolk State University
- Delaware State University
- Spelman College
- University of Maryland Eastern Shore
- Grambling State University
- Tuskegee University
- Alabama A & M University
- Tennessee State University
- Virginia State University
- Claflin University
- Prairie View A & M University
- Southern University and A & M College
- South Carolina State University
- Kentucky State University
- Texas Southern University
- Langston University
- Elizabeth City State University
- Johnson C Smith University
- Fort Valley State University
- Wilberforce University
- Central State University
- Bethune Cookman University

HBCUs THAT SUPPORT ENGINEERING-

- University of The District of Columbia
- Savannah State University
- Bluefield State College
- Morehouse College
- Lincoln University
- Gadsden State Community College
- St Philip's College
- Coahoma Community College
- Lawson State Community College Birmingham
- Bishop State Community College
- J F Drake State Community and Technical College
- Shelton State Community College
- Denmark Technical College
- Benedict College
- Saint Augustine's University
- H Councill Trenholm State Community College


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DISCOVERING NEW ADVENTURES
ARTS



Jacob Lawrence

(1917–2000)

Jacob Lawrence was one the most renowned African American artist of his time. Known for producing narrative collections like the Migration Series and War Series, he illustrated the African American experience using vivid colors set against Black and brown figures. He also served as a professor of art at the University of Washington for 15 years.

Augusta Savage

(1892-1962)

Augusta Savage was an American sculptor associated with the Harlem Renaissance. She was also a teacher whose studio was important to the careers of a generation of artists who would become nationally known. She worked for equal rights for African Americans in the arts.





Gordon Parks

(1912–2006)

Gordon Parks was an American photographer, musician, writer and film director, who became prominent in U.S. photojournalism in the 1940s through 1970s — particularly in issues of civil rights, poverty and African Americans. He is best remembered for his iconic photos of poor Americans in the 1940s, for his photo essays for Life magazine, and as the director of the 1971 film Shaft.

HBCUs THAT SUPPORT ARTS

- Howard University
- Hampton University
- Florida Agricultural and Mechanical University
- Xavier University of Louisiana

HBCUs THAT SUPPORT ARTS

- North Carolina A & T State University
- Bowie State University
- Morgan State University
- North Carolina Central University
- Winston Salem State University
- Fayetteville State University
- Norfolk State University
- University of Arkansas at Pine Bluff
- Spelman College
- Delaware State University
- Grambling State University
- University of Maryland Eastern Shore
- Alabama State University
- Tennessee State University
- Alabama A & M University
- Virginia Union University
- Claflin University
- Coppin State University
- South Carolina State University
- Kentucky State University
- Prairie View A & M University
- Southern University and A & M College
- Texas Southern University
- Clark Atlanta University

HBCUs THAT SUPPORT ARTS

- Elizabeth City State University
- Johnson C Smith University
- Albany State University
- Fort Valley State University
- Dillard University
- Fisk University
- Lincoln University Pennsylvania
- Wilberforce University
- West Virginia State University
- Central State University
- University of The District of Columbia Tougaloo College
- Cheyney University of Pennsylvania
- Lawson State Community College Birmingham
- Stillman College
- Oakwood University
- Morehouse College
- Lincoln University
- Livingstone College
- Le Moyne Owen College
- St Philip's College
- Bennett College

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DISCOVERING NEW ADVENTURES

MATHEMATICS



Benjamin Banneker

(1731-1806)

Banneker, a mostly self-educated man in mathematics and astronomy, is best know for building America's first clock—a wooden device that struck hourly. Using his rich understanding of trigonometry and astronomy, he accurately predicted a solar eclipse in 1789.

Katherine Johnson

(August 26, 1918 –)

Katherine Johnson was a mathematician best known for her major contributions to the United States' aeronautics and space programs with the early application of digital electronic computers. Her work was recently recognized and featured in the movie Hidden Figures.





Gladys West

(1930 --)

Gladys West was a mathematician born and raised in Virginia, who was known for leveraging her mathematical and programming expertise to invent an accurate model of the Earth which was used as the foundation for the creation of the Global Positioning System (GPS). She was the second black woman ever to be employed by the Naval Surface Warfare Center Dahlgren Division and was inducted into the United States Air Force Hall of Fame—one of the highest honors awarded by the Air Force.

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HBCUs THAT SUPPORT MATHEMATICS

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- Grambling State University
- Alabama State University
- Virginia State University
- Tuskegee University
- Virginia Union University
- Claflin University
- Coppin State University
- Alabama A & M University
- Tennessee State University
- Florida Memorial University
- Prairie View A & M University
- Southern University and A & M College

HBCUs THAT SUPPORT MATHEMATICS

- South Carolina State University
- Kentucky State University
- Texas Southern University
- Alcorn State University
- Langston University
- Southern University at New Orleans
- Clark Atlanta University
- Elizabeth City State University
- Johnson C Smith University
- Lincoln University Pennsylvania
- Albany State University Fort Valley State University
- Central State University
- Bethune Cookman University
- University of The District of Columbia
- Savannah State University
- Tougaloo College
- Huston Tillotson University
- Cheyney University of Pennsylvania
- Fisk University
- Dillard University
- West Virginia State University