

# BLACK HISTORY MONTH

Inspirational figures in **Computing, Engineering, and Built Environment**

Dr. Osatohanmwun Osemwengie



Dr. Osatohanmwun Osemwengie is a renowned Nigerian-American roboticist, engineer, and educator known for his groundbreaking work in drone technology. Dr. Osemwengie has also served as a NASA team member, where his work has enhanced robotics in space exploration. Beyond his technical expertise, he is deeply committed to education and has earned multiple advanced degrees, demonstrating his dedication to lifelong learning. His passion for technology and innovation continues to inspire many, especially within the African diaspora.

*“Embrace innovation and challenge the status quo. It's not just about creating technology; it's about transforming lives and shaping the future.”*

Shirley Ann Jackson is an American physicist. She is the first African American woman to have earned a doctorate at MIT. In 1995 she was appointed by President Bill Clinton to serve as chairperson of the US Nuclear Regulatory Commission (NRC), becoming the first woman and first African American to hold that position. Then in 1999, Jackson became the 18th president of Rensselaer Polytechnic Institute (RPI). She was the first woman and first African American to hold this position. Since her appointment to president of RPI, Jackson has helped raise over a billion dollars in donations for philanthropic causes.

Shirley Ann Jackson



*“We need to go back to the discovery, to posing a question, to having a hypothesis and having kids know that they can discover the answers and can peel away a layer.”*

Roy L. Clay Sr.



Roy Clay Sr. is an American computer scientist and inventor. He was a founding member of the computer division at Hewlett-Packard, and is considered 'The Godfather of Silicon Valley.'

*“Never let racism be a reason you do not succeed.”*