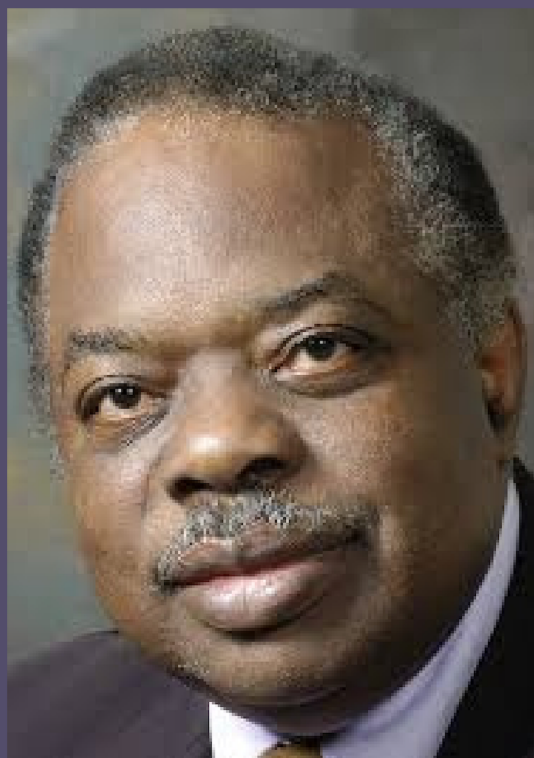




THE CARIBBEAN ACADEMY OF SCIENCES (CAS)

CELEBRATING THE LIFE OF



PROF. RAMSEY SAUNDERS

November 11th, 1945 - June 11, 2024

A Distinguished Physicist,
A Pioneering Educator,
& A Founding President of the
Caribbean Academy of Sciences (CAS)
from 1988 to 1996.





It is with deep sorrow that the Caribbean Academy of Sciences (CAS) announces the passing of our esteemed founding president, Professor Ramsey Saunders, on June 11, 2024. Born on November 29, 1945, in Arima, Trinidad, Professor Saunders was a distinguished physicist and a pioneering educator whose contributions to science and education have left an enduring legacy.

Professor Saunders' exceptional academic journey saw him earn a BSc degree in Physics and Chemistry with First Class Honours from The University of the West Indies (UWI), St. Augustine, in 1968, and a Commonwealth Scholarship to the Imperial College of Science and Technology in London, where he obtained a Diploma and a PhD in Applied Optics in 1969 and 1971, respectively.

Professor Saunders made groundbreaking contributions, including the first electrophysiological proof of Maxwell's color theory and the invention of the spectral energy machine. His work continued to influence research for decades. In 1978, he became a Professor of Physics at UWI and served as Head of the Physics Department and later Dean of the Faculty of Natural Sciences. He introduced innovative curricula and led pioneering research in materials sciences, medical physics, bioengineering, and environmental physics.

Professor Saunders' notable achievements included supervising research to improve timber drying processes, producing pencils and lubricants from graphite waste, developing asphalt products, and introducing Superconducting Quantum Interference Devices (SQUIDS) for cardiac diagnosis. His research on noise pollution, scoliosis screening, and solar energy applications was groundbreaking. He played a crucial role in replicating Alzheimer's disease nano-plaques and led efforts in water disinfection using solar energy.

As the founding president of the CAS from 1988 to 1996, Professor Saunders played a pivotal role in shaping the organization and fostering a spirit of scientific inquiry and collaboration throughout the region. He was an active member and Fellow of CAS until his passing. He also served as Chairman of the Board of Governors of the Institute of Marine Affairs in Trinidad and Tobago and was a member of the Nobel Committee for Physics, contributing significantly to the global scientific community.

Professor Saunders' contributions were recognized with numerous accolades, including the Fellow of CAS, and the Pinnacle Award for Sustained Achievement in Pure and Applied Physics from the National Coalition on Caribbean Affairs (NCOCA) in Washington DC in 2005. His inspirational advice to students, *"the sky is the limit for any individual once he or she can identify an area of interest,"* continues to motivate aspiring scientists.

The Caribbean Academy of Sciences extends its deepest condolences to the family, friends, and colleagues of Professor Ramsey Saunders. His passing is a monumental loss to the scientific community, but his legacy will continue to inspire and guide future generations.

May his soul rest in peace.

