



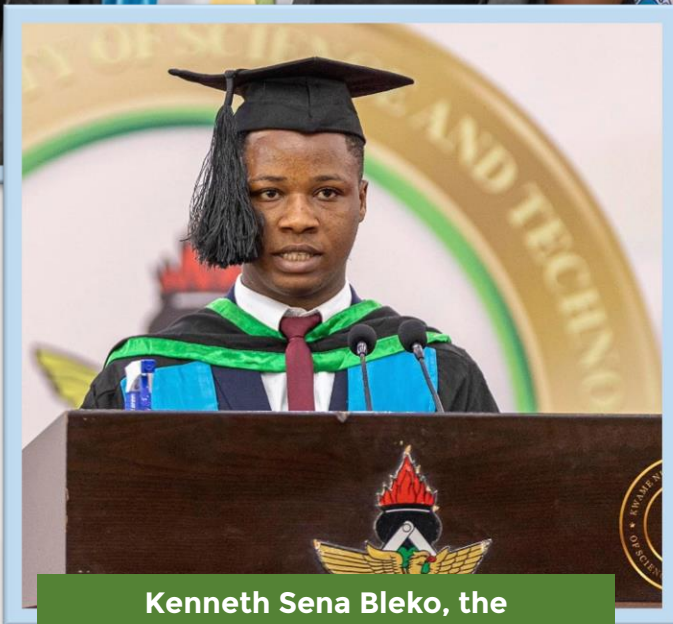
COLLEGE OF SCIENCE
KWAME NKURUMAH UNIVERSITY
OF SCIENCE AND TECHNOLOGY

CoS E-NEWSLETTER

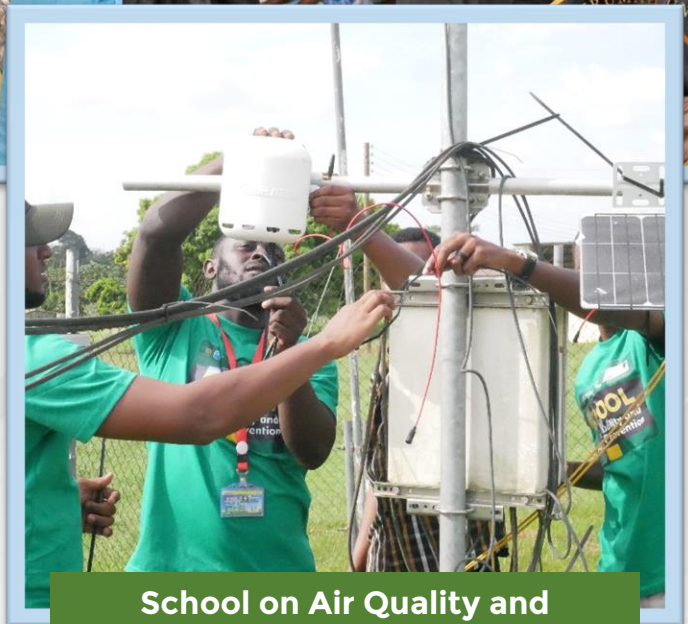
ELECTRONIC NEWSLETTER HIGHLIGHTING COLLEGE OF SCIENCE ACTIVITIES



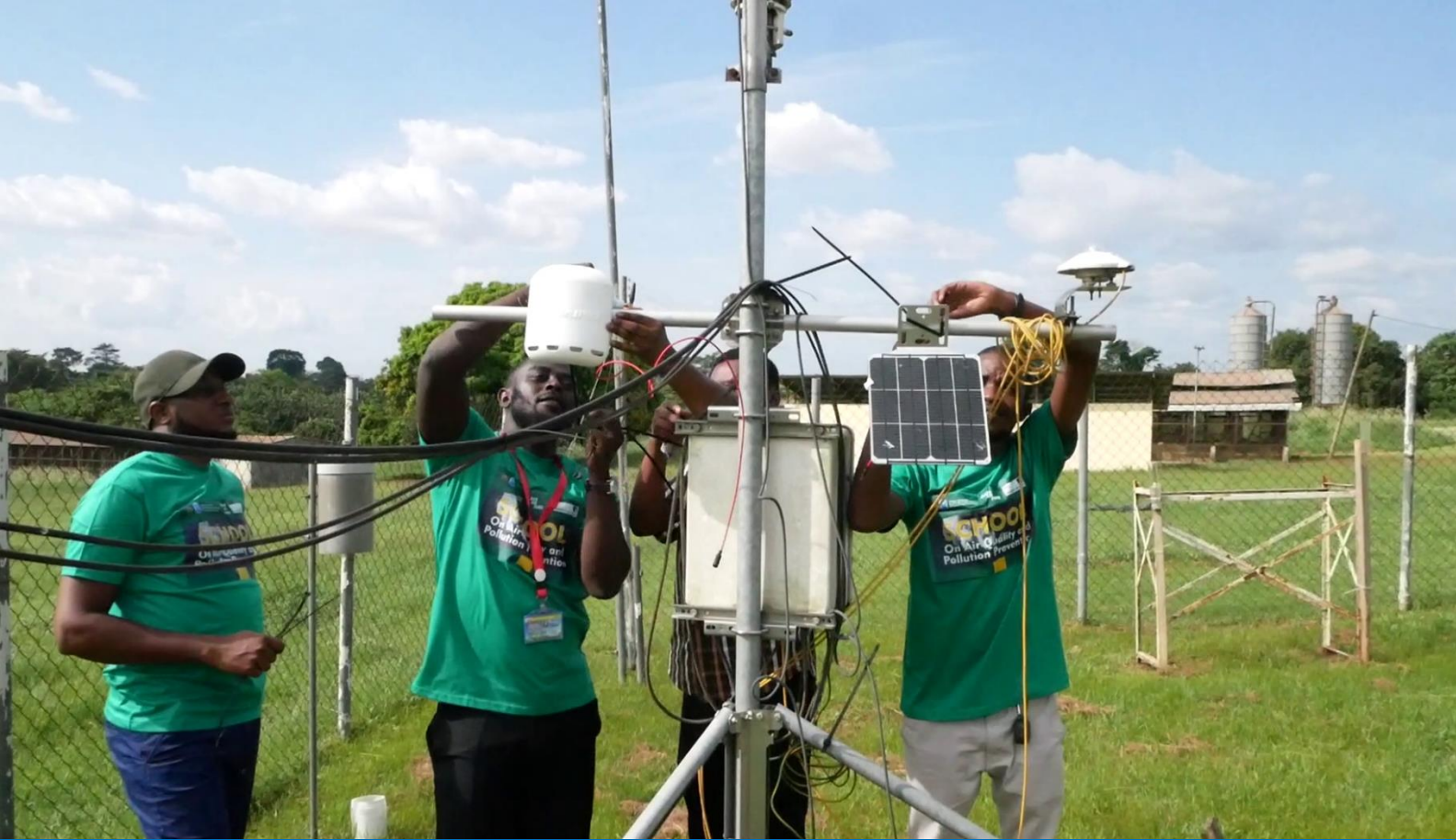
57TH CONGREGATION CEREMONY



Kenneth Sena Bleko, the Valedictorian of the College of Science, KNUST Class of 2023.



School on Air Quality and Pollution Prevention in Ghana



School on Air Quality and Pollution Prevention in Ghana

From October 21 to November 4, 2023, the Department of Meteorology and Climate Science, KNUST hosted a comprehensive 'School on Air Quality and Pollution Prevention' in collaboration with the University of Leeds. The School, funded by the Clean Air Fund, integrated theoretical studies, practical sessions, community engagements, and school outreach activities.

The program offered comprehensive theoretical sessions encompassing diverse topics related to air quality, pollution prevention, and climate science. Lectures, seminars, and discussions provided participants with in-depth knowledge and a solid theoretical foundation. Complementing theoretical learning, the school included hands-on practical sessions.

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KNUST Hosts Its First Astronomy and Space Science Conference

The Kwame Nkrumah University of Science and Technology (KNUST) Department of Physics made a landmark contribution to the astronomy and space science field in Ghana with its first-ever conference from October 31st to November 2nd, 2023. The event, under the theme "Exploring the Potentials of Astronomy & Space Science in Ghana: Challenges, Progress, and Future Prospects for Sustainable Development,"

The conference stood out for its commitment to nurturing talent, supporting 16 students from various Ghanaian universities, chosen from over 100 applicants. This initiative underlined the growing interest among Ghanaian students in space sciences and the need for dedicated educational programs to foster this enthusiasm.

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College of Science, KNUST Hosts ICFO KNUST International School on the Frontiers of Light

In a vibrant collaboration between the Department of Physics at the Kwame Nkrumah University of Science and Technology (KNUST) and the renowned Institute of Photonic Sciences (ICFO), the International School on the Frontiers of Light unfolded with grandeur. Aptly named ICFO-KNUST International School on the Frontiers of Light, the week-long event commenced on Monday, October 9th, bringing together a diverse assembly of participants.



The gathering witnessed the convergence of intellects not only from within the hallowed halls of KNUST but also from the University of Cape Coast and various academic institutions across the African continent. The program, meticulously curated to delve into the intricacies of photonics, unfolded as a platform for the exchange of ideas, knowledge, and expertise in this cutting-edge field.

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College of Science Celebrates 57th Congregation with 1775 Graduates Making Strides in Science

The College of Science at Kwame Nkrumah University of Science and Technology (KNUST) marked a significant milestone on the 15th of November, 2023, with its 57th Congregation ceremony. The event, a culmination of years of hard work and dedication, witnessed the graduation of 1775 students poised to make groundbreaking contributions to the world of science.

The ceremony, held in grandeur and solemnity, showcased the academic prowess of the college, highlighting the achievements of graduates from two faculties: the Faculty of Physical and Computational Sciences and the Faculty of Biosciences. Divided into two segments, the morning session was dedicated to honouring the achievements of the Biosciences graduates,

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Kenneth Sena Bleko, the Valedictorian of the College of Science, KNUST Class of 2023

Kenneth Sena Blekor, a student of Actuarial Science, emerged as the overall best student and was adjudged the Valedictorian of the College of Science with a Cumulative Weighted Average (CWA) of 84.74. In his speech, he resonated gratitude for the guidance of a higher power and the unwavering support of parents and guardians, which he credited for the successes achieved by the graduating class.

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L'Oréal-UNESCO Honours Dr. Mary Amoako Among Top 30 Women in Science in Africa

Dr. (Mrs.) Amoako, has a doctorate degree from Michigan State University, an MPhil in Human Nutrition and Dietetics from KNUST, and a professional certification as a Registered Dietician from the Allied Health Professions Council. Her research focuses on improving health and nutrition outcomes among Ghanaians through nutrition and lifestyle.

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10th Summer School Propels Industry-Ready Graduates: Academia-Industry Partnership for National Development

The 10th Kwame Nkrumah University of Science and Technology (KNUST) Summer School for Senior Members in the College of Science commenced its second day with a resounding exploration of the theme "Academia-Industry Partnership for National Development." The ambitious agenda, outlined under the overarching sub-theme, "From Classroom to Workplace: Developing Industry-Ready Graduates through Effective Partnerships," set the tone for a day of intellectual vigor and transformative collaborations.



Professor William Oduro followed with a presentation on "Curriculum Innovation: Practical Steps to Design Curriculum that Responds to Modern Trends and Ensures Adequate Practical Training for Graduates." Prof Oduro advocated for cutting-edge curricula to address unemployment and underemployment in Africa, introducing the EEISHEA project, focusing on student-centered learning, e-learning, entrepreneurship

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The Triumph of KNUST Junior Science and Mathematics Quiz 2023

The much-anticipated fourth edition of the Junior Science and Mathematics Quiz (JSMQ) in 2023 unfolded with grandeur, encompassing a rigorous selection process across the Northern, Western, Greater Accra, and Ashanti regions of Ghana. This meticulous journey led to the identification of schools that would not only participate but showcase their academic prowess on the esteemed national stage.

He added, "Junior Science and Maths Quiz is demystifying the study of STEM subjects, transcending beyond the boundary of the normal quiz." Pleading for public support and sponsorship, Prof. Akwasi Preko envisioned a bright future for Ghana as the sparks ignited in the competition evolve into flames of brilliance over the next decade. He also called for mentors to guide participants on their educational journey.

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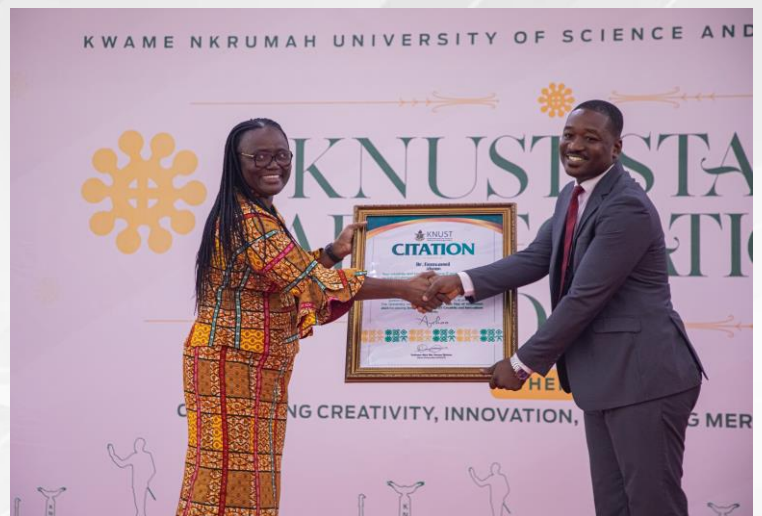
Celebrating Innovation and Creativity: KNUST College of Science Awardees Shine

The KNUST Staff Appreciation Day on December 12, 2023, was a celebration of Staff for long meritorious service, creativity and innovation within the University. Four Staff members – Dr. Emmanuel Ahene, Dr. (Mrs.) Mercy Badu, Prof Tamakloe and team, and Mr James Lutuga–were honoured for their remarkable contributions across various domains.

His innovative approach to capacity building of IT professionals, especially in Cybersecurity and Digital Forensics, has significantly impacted KNUST and the nation. His international collaborations across academia and industry and media engagement agenda have yielded grant funding for students and facilitated a student-based tech startup,

(Dr. Emmanuel Ahene)

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College of Science's 5th Retreat: Fostering Innovation, Collaboration, and Inspiration

The College of Science organized its 5th Retreat at Maaha Beach Resort in the Western Region. The Retreat was on the theme "Innovation, Collaboration, and Inspiration: Forging the Future of Science." Running from 23rd October to 27th October 2023, the event brought together a significant turnout of 138 participants, excluding spouses and children, representing a remarkable 92% of the estimated attendance.

The retreat comprised diverse activities, aiming not only to foster academic discussions but also community engagement and leisure. The retreat started with a smooth departure from the Aboagye Menyeh Complex, with a dedicated advance team ensuring a seamless arrival and room allocation for participants at the Maaha Beach Resort. The agenda was packed with enriching sessions, commencing with the formal inauguration by the College Registrar.

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College of Science Wishes You a

MERRY

Christmas

— AND —

A HAPPY NEW YEAR

“Embrace the New Year with strength and good health! May each day be filled with vitality, resilience, and moments of joy. Wishing you a year ahead that overflows with positivity, accomplishment, and well-being.”



College of Science

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