

KASU HOSTS SECOND BIOINFORMATICS OPEN DAY



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Kaduna State University (KASU), through the Committee of Bioinformatics Initiatives in collaboration with the University Library, the Department of Biochemistry and the Institute of Science, Technology and Management Studies (ISTMS), on Wednesday, 8 July 2026, organised the Second Bioinformatics Open Day under the theme, "Bioinformatics Tools for Research Exploration, Data Analysis and Development." The programme brought together researchers, academics, students and industry experts to promote knowledge sharing and innovation in bioinformatics.

The first presentation, delivered by Dr. Stephen A. James, focused on "Bioinformatics Tools and Data Visualization that Tells a Story." He defined bioinformatics, explained the importance of transforming biological data into meaningful scientific narratives through effective data visualization, introduced participants to commonly used bioinformatics tools and highlighted career opportunities in the field.

Representing the University Librarian, Dr. Khali Allamagani delivered the University Librarian's address on behalf of Dr. Babangida Umar Dangani. She highlighted the evolving role of academic libraries in supporting digital scholarship, research and innovation, while stressing the importance of bioinformatics, artificial intelligence and Open Science in advancing scientific discoveries and national development.

Also speaking, Dr. Wai Keat Yam of Monash University, Malaysia, discussed the essential skills required for careers in bioinformatics, emerging areas in the discipline, biomedical data science, artificial intelligence, multi-omics, big data and AI-driven drug discovery. She encouraged participants to develop the cognitive, personal and technical competencies needed to thrive in the field.

In another presentation, Prof. Patrick Noah Okolo of Kaduna State University spoke on "Mathematical Modelling Framework in Epidemiology," where he explained epidemiological models, including the Susceptible-Infected-Recovered (SIR) model, and noted that the effectiveness of any model depends on its intended application.



The Vice-Chancellor, Prof. Abdullahi Ibrahim Musa, attended the event alongside members of the University Management and other distinguished guests. Declaring the programme open, Prof. Timothy Bulus commended the organisers for promoting research and interdisciplinary collaboration.

The programme concluded with the presentation of commemorative gifts to Prof. Patrick Noah Okolo in recognition of his contribution, while a presentation was also made on behalf of Dr. Wai Keat Yam, with the gift to be conveyed to her in Malaysia. The event reaffirmed Kaduna State University's commitment to promoting research excellence, innovation and capacity building in bioinformatics.



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