GFD TALK SERIES:
THE FRONTIER OF HIGHER EDUCATION

ORGANIZED BY:
The University of Tokyo
Global Faculty Development

ADVENTURES IN STUDENT-CENTERED LEARNING

MAY 20 (WED) • 12:15～13:00 (ONLINE)

Speaker: Tito Akindele

Language: English

- Abstract -

While students may have been introduced to the three main scientific variables (independent, dependent, and controlled variables) in high school, some find it difficult applying these variables correctly when conducting scientific experiments at higher education. This difficulty is evident in science experiments, where a thorough understanding of the scientific variables is important for designing proper investigations and performing rigorous analyses. This talk will describe how molecular models were used to give a detailed explanation of the scientific variables in a seminal article on organocatalysis.

Speaker Bio

Tito obtained a BSc in chemistry and an MSc in cancer cell and molecular biology from the University of Leicester, UK. His undergraduate education involved a study abroad year at the State University of New York at Buffalo. After PhD studies (organic chemistry) at Imperial College London and the University of Leeds, UK, he conducted research at Kyoto University. Further research work was conducted at Pfizer (Sandwich, UK), RIKEN, Wako, and the University of Tsukuba. At the University of Tokyo, he is affiliated with the Center for Global Education.

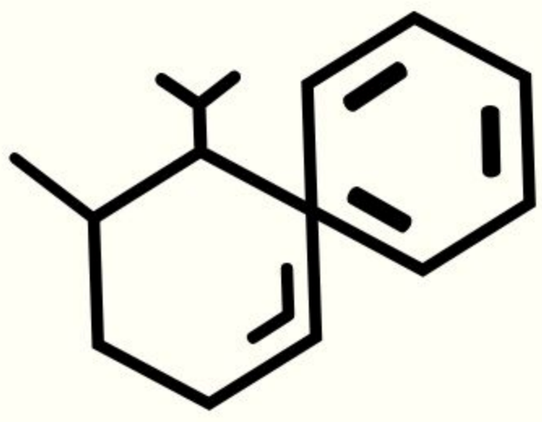
His research interests include:

1) the development of synthetic methods and strategies for assembling molecules used in probing protein-protein interactions involved in neurodegenerative, cardiovascular and oncogenic diseases;

2) the development of molecules for photogenerated spin-correlated radical pairs for quantum information science; and

3) he is also interested in the development of personalized instruction as a means of motivating students.

Zoom Link



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