

STEMBA IRELAND CONFERENCE 2022



Date: 15th April 2022

Time: 09:30 – 13:45

Venue: Virtual Zoom webinar

Zoom link: Follow the Eventbrite link to register for the zoom link:

[Eventbrite STEMBA Ireland Conference2022](#)

Organisers: STEMBA Ireland – Founders: Adeyemi Rahman, Ph.D. & Helene Mihigo, Ph.D.

You are warmly invited to this virtual conference aimed to highlight the amazing work done by STEM researchers of Black/African descent in Ireland. The event will be split into two sessions where we will have a mix of research presentations and talks from outstanding guest speakers.

Schedule:

09:30 – 09:45 Welcome

Session A:

09:45 – 10:05 Q&A: Race, DEI and Representation – **Dr. Abiola Muhammed Ogunfowora, Counselling Psychologist**

10:10 – 10:30 Talk 1: In-vitro benchtop mock circulatory loop for Heart Failure with preserved Ejection Fraction (HFpEF) – **Jemil Saidi (RCSI)**

10:35 – 10:55 Talk 2: Using Whole Genome Sequencing to investigate MRSA population Biology in Irish hospitals – **Bisola Aloba (Dublin Dental University Hospital - TCD)**

11:00 – 11:20 Talk 3: Tensor networks for quantum simulation and machine learning – **Babatunde Ayeni (Maynooth University)**

11:25 – 11:45 Tea break – 20 mins

Session B:

11:45 – 12:05 Talk 4: Guest Speaker – **Pfizer Representative**

12:10 – 12:30 Talk 5: To bind or not to bind: variants in microRNA-target binding sites are implicated in Multiple Sclerosis – **Ifeolutembi Fashina (TCD)**

12:35 – 12:55 Talk 6: Assessment of the use of the national language (Swahili) in patient information leaflets in Tanzania – **Kezia Bega (TU Dublin)**

13:00 – 13:20 Talk 7: Image processing and immunofluorescence protocol: Optimisation for a novel spatial analysis of Parkinson's affected brain tissue – **Carmen-Jeanette Stepek (RCSI)**

13:25 – 13:45 Closing remarks and award

If you have any questions regarding joining the webinar, please contact stemba.ireland@gmail.com