

# Nigerian Young Academy (NYA)



# Newsletter

**A quarterly publication of the Nigerian Young Academy (NYA)  
End of the Year Edition, Volume 8, December, 2025**

## EDITORIAL

As we look back on 2025, the Nigerian Young Academy (NYA) is pleased to share its final quarterly newsletter of the year. This edition is special to me, as it is my premier newsletter as NYA Publicity Secretary, and it reflects a period defined by shared purpose, dedication, and impact. The end-of-year newsletter brings together highlights of our activities, achievements, and key milestones, illustrating the Academy's continued commitment to advancing science, scholarship, and meaningful contributions to national development.

A major highlight of the year was the 15th International Conference and Annual General Meeting (AGM) of the NYA themed "Interdisciplinary Pathways: Integrating Art, Science, Engineering, Education, Humanities, Health, and Technology for Sustainable Development", culminating in the issuance of a Communiqué that articulates key recommendations, shared priorities, and strategic directions for research, policy engagement, and national development. The conference provided a platform for interdisciplinary dialogue and strengthened our resolve to translate research into meaningful societal outcomes.

This edition also proudly unveils the 8th Executive Council of the NYA, marking a transition into a new era of leadership. We congratulate the newly elected Executive Council and express deep appreciation to the outgoing leadership for their dedicated service. In the same spirit, we celebrate the induction of new members for 2025, alongside recognizing exiting members and award recipients whose contributions continue to elevate the Academy's profile.

The Newsletter further features report from the 3 NYA Working Groups, Physical Sciences, Engineering, and Technology (PSciETech), Biological and Health Sciences (BHS), and Social Sciences and Humanities (SSH), highlighting progress, innovations, and collaborative efforts across thematic areas.

We also showcase key activities of the Academy, notably the commemoration of World Science Day for Peace and Development, webinar and policy-relevant engagements facilitated by renowned erudite scholars and of which I had the privilege to moderate.

Finally, we celebrate members' achievements, recognitions, and publications, reaffirming the strength and diversity of expertise within the NYA community.

As we look ahead, let us continue to advance the mission and vision of the Nigerian Young Academy through collaboration, mentorship, and knowledge sharing. Together, we remain committed to excellence, impact, and the pursuit of solutions that improve lives and shape a better future for Nigeria and beyond.

On behalf of the Publicity committee, I would like to thank all contributors to this edition of the newsletter and using this avenue to wish you all our distinguished readers a prosperous New year 2026!

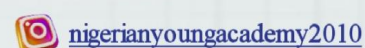


**Dr. Emelda E. Chukwu MNYA**  
*NYA Publicity Secretary*

All enquiries should be directed to the:

**Nigerian Young Academy**  
c/o Executive Secretary  
The Nigerian Academy of Science  
8A Ransome-Kuti Road  
University of Lagos, Akoka, Lagos

Reach us on our social media handles:



Visit our website:

[www.nigerianyongacademy.org](http://www.nigerianyongacademy.org)

### Publicity Committee

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Dr. Suleiman Bello	Member
Dr. Ogechukwu Ezim	Member
Dr. Esther Anosike Francis	Member
Dr. Samuel Omaji	Member



## A Message from the President



I am delighted to welcome you to this edition of the Academy Newsletter and to reflect briefly on the progress made since assuming office four months ago. During this period, we have focused on strengthening governance and

reviving key institutional mechanisms to enhance the Academy's effectiveness. Key achievements include timely constitution of standing committees, prompt communication of General Assembly decisions, and the institutionalization of congratulatory messages to celebrate the accomplishments of members, fellows, and associates.

We have also strengthened the Academy's visibility and engagement. Our social media presence has now been fully resuscitated across X, Facebook and Instagram, and for the first time, the Academy is now formally visible on LinkedIn; together growing to a total followership of more than 450. Additionally, we secured Lagos as the host city for the 16th NYA Conference and General Assembly in 2026.

Globally, the Academy is making its voice heard, with representation at international platforms such as the Annual Meeting of the African Science Academies (AMASA) which held in Rabat, Morocco; participation within International Science Council (ISC) platforms; and active engagement in Global Young Academy (GYA) working committees. Significantly, the Academy was formally recognized as an Affiliate Member of the Network of African Science Academies (NASAC), cementing our continental and international footprint.

Institutionally, sustainability is being ensured through improved operational systems. A web manager has been engaged to maintain the website and journal management systems. Essential subscriptions have been renewed, and digital filing and archival systems established. A working budget now guides our activities, prospective donor lists have been drafted, and sponsorship requests initiated. Committees are actively driving mentorship, leadership development, zonal initiatives, and strategic university-based engagement.

Looking ahead, the next quarter will focus on expanding membership, launching mentorship and leadership initiatives, advancing joint proposals through working groups, and securing support for formal institutional registration. Each achievement to date is a testament to the dedication of our members, volunteers, and partners, whose commitment continues to strengthen the Academy's vision.

I urge each member to remain actively engaged, for it is through collaboration, participation, and shared purpose that we will realize the Academy's mission: **empowering young scientific minds to advance knowledge, leadership, and societal impact.**

With profound appreciation and anticipation for what lies ahead.

**Prof. Temitope O. Onuminya** (Ph.D., FLS, FLEAD, FSN, MNYA)  
*President, Nigerian Young Academy*

## NYA NEWS

**Communiqué issued at the end of the 15th Annual Conference and General Assembly of the Nigerian Young Academy (NYA) held at Ahmadu Bello University, Zaria from 25th–28th August 2025**



The Nigerian Young Academy (NYA) held its 15th Annual International Conference and General Assembly from 25th to 28th August 2025 at Ahmadu Bello University, Zaria, under the distinguished hosting of the Africa Centre of Excellence on New Pedagogies in Engineering Education (ACENPEE). The programme commenced on Monday, 25th August 2025, following the safe arrival of members, inductees, awardees, and participants from within and outside the country.

The event was opened with a Pre-Conference Workshop on "Navigating Research Ethics and Intellectual Property" held on 25th August 2025 at the Teleconference Room, ACENPEE, ABU Zaria. Eminent scholars, including Prof. J.J. Maina, Dr. U.M. Kaisan, Prof. M.N. Shuaibu, Dr. I.I. Obianyo, and Prof. A.Y. Attah, delivered insightful presentations on intellectual property rights, ethical challenges in research, and hands-on training in developing institutional IP strategies. In parallel, the annual meetings of the Academy's three working groups PSciETech, BHS, and SSH were held to review progress since the 2024 General Assembly in Damaturu and to outline future plans.

The official opening ceremony on Tuesday, 26th August 2025, was graced by His Excellency Comrade Aminu Abdussalam Gwarzo, Deputy Governor of Kano State, who was ably represented by the Hon. Commissioner of Science and Technology, Dr. Yusuf Ibrahim Kofarmata, and served as the Special Guest of Honour.





His Excellency officially declared the conference open. The ceremony was chaired by Prof. Abubakar Sani Sambo, President of the Nigerian Academy of Science (NAS) and Commissioner of Education, Kaduna State. The Keynote Address was delivered by Prof. Raymond Bako, Deputy Vice-Chancellor (Academic), Ahmadu Bello University, Zaria, who represented the Vice Chancellor, Prof. Adamu Ahmad. The plenary speakers, senior academics, fellows, and participants from across the country were also in attendance. The event was covered by the ABU Directorate of Public Affairs, NTA, Daily Trust, and other local media outlets.

During the conference, eighteen (18) new members were inducted into the Academy by Prof. Abubakar Sani Sambo. They include: Engr. Dr. Esther Nneka Anosike-Francis (Nile University of Nigeria), Dr. Adedayo Oreoluwa Adewole (Olabisi Onabanjo University, Ago-Iwoye), Dr. Afolabi Emmanuel Olabamiji (Olabisi Onabanjo University, Ago-Iwoye), Dr. Temitayo Adenike Adeyemo (University of Ibadan), Dr. Opeyemi Babatunde Ogunsuyi (Federal University of Technology, Akure), Dr. Adekunle Gregory Fakunle (Osun State University, Osogbo), Dr. Ogechukwu Ebere Ezim (University of Port Harcourt), Dr. Opeyemi Oluwafemi Ojueromi (Precious Cornerstone University, Ibadan), Dr. Peter Ifeoluwa Adegbola (Abiola Ajimobi Technical University, Ibadan), Dr. Mojisola Christiana Owoseni (Federal University of Lafia, Nasarawa State), Dr. Godwin Chinedu Uzomba (Alex Ekwueme Federal University, Ndufu-Alike, Ebonyi State), Dr. Ajibola Abiodun Bayode (Redeemer's University, Nigeria), Dr. Halleluiah Oluwatobi Aworinde (Bowen University), Dr. Deborah Olubunmi Aderibigbe (Ladoke Akintola University of Technology, Ogbomoso), Dr. Michael Oluwakayode Oni (Ahmadu Bello University, Zaria), Dr. Suleiman Bello (Umaru Musa Yar'adua University, Katsina), Dr. Chikaodili Valentine Anadebe (Alex Ekwueme Federal University Ndufu-Alike), Dr. Ifeoma Eugenia Idigbe (Nigerian Institute of Medical Research, Lagos).

In addition, ten (10) distinguished members were elevated as Fellows of the Academy, namely: Dr. Peter Chukwunonso Okoli (Alex Ekwueme Federal University, Ndufu-Alike, Ebonyi State), Prof. Cosmas Uchenna Ogbuka (University of Nigeria, Nsukka), Dr. Akeem Babatunde Dauda (Federal University, Dutsin-Ma, Katsina State), Dr. Abubakar Abubakar Khaleed (Ahmadu Bello University, Zaria), Engr. Dr. Kaisan Muhammad Usman (Ahmadu Bello University, Zaria), Dr. Ismail Ayoade Odetokun (University of Ilorin), Dr. Temitope Sogbanmu (University of Lagos), Prof. Idika Kalu Idika (University of Nigeria, Nsukka), Dr. Saheed Adio (Obafemi Awolowo University, Ile-Ife), and Dr. Chinwe Chukwudi (University of Nigeria, Nsukka).

The Academy also presented its prestigious national young researchers' prizes. The Prof. Friday Okonofua National Young Researchers Prize in Health Sciences was awarded to Dr. Darlington Nnamdi Onyejike; the Prof. Aderemi Kuku National Young Researchers Prize in Mathematical Sciences was awarded to Dr. Sulaimon Femi Abimbade; and the Prof. Kayode Adebowale National Young Researchers Prize for Women in Chemical Sciences was awarded to Prof. Adejumo Abosede Iyinbor.

The conference featured three plenary lectures. Prof. Ganiyu Oboh delivered the first lecture titled "Unlocking Nature's Potential for Food Security, Human Health and Environmental Sustainability." On 26th August, Prof. Rabia Salihu Sa'id delivered the second plenary titled "Understanding Complex Systems: Applying Physics Principles in Driving Sustainability." On 27th August, the final plenary lecture was delivered by Prof. Aliyu Rafindadi Sanusi, Deputy Vice-Chancellor (Advancement, Research, and Innovation), Ahmadu Bello University, Zaria, on the topic "Mission-oriented, Ethically Grounded Innovation: Integrating Arts and Humanities with Science, Technology, Engineering, and Health (STEHE) for Sustainable Development."

Members and participants also showcased their research through oral and poster presentations. Awards were presented to Alaba Adewole Adebayo (Overall Best Oral Presentation), Cynthia Odili (First Runner-up), Rabiu Shehu Sa'ad (Second Runner-up), and Ugochi Judith Okoduwa (Best Poster Presentation).

The General Assembly, held on 27th August at the CBN Centre, ABU Zaria, successfully elected the 8th Executive Council of the Academy. The elected officers are: Prof. Temitope Onuminya (President), Dr. Abdul-Hakeem Bello (Vice President), Dr. Alfred Moses Oladele (General Secretary), Dr. Bartholomew Adeleke (Assistant General Secretary), Dr. Emelda Chukwu (Publicity Secretary), Dr. Ifeyinwa Obiano (Treasurer), Dr. Abdulmalik Salman Abdullahi (Financial Secretary),



Dr. Najeeb Ismail (Technical and Logistics Secretary), Dr. Oluwaseun Awosolu (Zonal Coordinator South-West), Dr. Suleiman Bello (Zonal Coordinator North-West), Dr. Esther Anosike-Francis (Zonal Coordinator North-Central), Dr. Chikaodili Valentine Anadebe (Zonal Coordinator South-East), Dr. Samuel Omaji (Zonal Coordinator South-South), Dr. Peter Chukwunonso Okoli (Ex-Officio I), and Dr. Abdul-Azeez Anjorin (Ex-Officio II).

At the close of deliberations, the Assembly resolved to strengthen the Academy's role as a platform for young researchers to collaborate, network, and innovate across disciplines. It reaffirmed its commitment to promoting research ethics and intellectual property protection, while calling on government, academia, and industry stakeholders to provide stronger support for research, innovation, and sustainable development in Nigeria. The academy also pledged to intensify its efforts in mentorship, science advocacy, and policy engagement in order to contribute meaningfully to national development.

The 15th Annual Conference and General Assembly of the Nigerian Young Academy was, by every measure, a resounding success. The Academy expresses profound appreciation to Ahmadu Bello University, ACENPEE, distinguished plenary speakers, partners, sponsors, members, and participants whose contributions ensured the success of the 2025 Assembly. Issued this 28th day of August, 2025 at Ahmadu Bello University, Zaria, Nigeria.

Thank you.

**Dr. Nuraddeen Nasiru Garba**  
Department of Physics, Ahmadu Bello University, Zaria.  
Immediate Past Publicity Secretary

### International Science Council (ISC)- World Science Day for Peace and Development

On the 10th of November 2025, Nigerian Young Academy (NYA) organized a webinar to commemorate the World Science Day for Peace and Development.

The webinar which was themed, "Emerging Technologies and Innovations in Science," had the NYA and non-members in attendance and explored how cutting-edge discoveries are shaping a sustainable and peaceful future.

The webinar was facilitated by Two erudite scholars- Prof. Philiswa Nosizo Nomngongo (University of Johannesburg) and Dr. John Bosco Chukwuorji (University of Nigeria, Nsukka).

The event was moderated by Dr. Emelda Chukwu (MNYA) – Nigerian Institute of Medical Research (NIMR).

It was an inspiring dialogue with Africa's leading scientists which earned the academy recognition with the International Science Council!



**NIGERIAN YOUNG ACADEMY**  
... Research, Excellence and Integrity

**WORLD SCIENCE DAY FOR PEACE AND DEVELOPMENT**  
THEME: EMERGING TECHNOLOGIES AND INNOVATIONS IN SCIENCE

"World Science Day reflects our enduring commitment to science as a global public and to the responsibility of the scientific community to engage with society in shaping a more just, sustainable, and peaceful future."

**SPEAKERS:**  
Prof. Philiswa N. Nomngongo (University of Johannesburg)  
Dr. John Bosco C. Chukwuorji (University of Nigeria, Nsukka)

**MODERATOR:**  
Dr. Emelda Chukwu (Nigerian Institute of Medical Research)

**Host:**  
Prof. Temitope Osuminya, President, NYA

Monday 10th November 2025  
4:00pm WAT  
ZOOM

Register via the link:  
<https://bit.ly/4qhb8BH>  
or Scan

**ENQUIRIES:**  
@contactNYA  
Nigerian Young Academy-NYA  
nigerianyoungacademy2010  
Nigerian Young Academy NYA

Register early to secure a space...



## MEET THE NEWLY ELECTED 8TH EXECUTIVE COUNCIL MEMBERS



**Prof. Temitope O. Onuminya (President)**

Prof. Temitope Olabisi Onuminya is the first female President of the Nigerian Young Academy. She is a Professor of Plant Systematics and Conservation with focus on providing evidence-based

solutions for a sustainable environment. With over 15 years of experience in Molecular Systematics, DNA barcoding, Ethnobotany, and Environmental sustainability; her research integrates classical taxonomy with modern molecular approaches to clarify species boundaries, document biodiversity, and develop decision-support evidence for conservation across West Africa. As NYA President, she leads national efforts to strengthen research integrity, early-career mentorship, and evidence-informed policymaking, while amplifying interdisciplinary collaboration for sustainability. She is a dynamic, proactive and resilient individual with a strong personality based on integrity and trust. She is an advocate of the UN SDGs 3, 11, 13, and 15.



**Dr. Abdul-Hakeem Bello (Vice President)**

Dr. Abdulhakeem Bello is a physicist with over a decade of experience in materials science, energy research, and academic leadership. He earned his B.Sc. in Physics from Ahmadu Bello University, M.Sc. in Materials Science from AUST, and Ph.D. in Physics from the University of Pretoria, specializing in materials physics and electrochemical systems. His research focuses on advanced materials for sustainable energy technologies. A former NRF and PAMI research fellow, Dr. Bello is Director of Academic Planning and Head of the Central Laboratory at AUST, where he oversees strategic curriculum and capacity development. He is an affiliate of the African Academy of Science and a member of the Nigerian Young Academy.



**Dr. Alfred Moses Oladele (General Secretary)**

Dr. Moses Oladele Alfred is an environmental and materials chemist at Redeemer's University, Nigeria. His research focuses on developing low-cost, sustainable materials for water purification and pollution control and climate initiatives. A recipient of several fellowships and grants, he contributes to advancing clean water technologies and evidence-based environmental policies. As a member of the Nigerian Young Academy and Steering Committee Chairman of the Central and West African Network for Safe Waters (CW-ANSWer), Dr. Alfred is committed to driving policy changes that safeguard public health and promote sustainability through scientific insight and stakeholder collaboration.



**Dr. Bartholomew Adeleke (Assistant General Secretary)**

Dr. Bartholomew Saanu Adeleke is a Lecturer in Microbiology at Olusegun Agagu University of Science and Technology, Okitipupa, Ondo State, Nigeria. He holds a B.Sc., M.Tech., and Ph.D. in Microbiology from Adekunle Ajasin University, Akungba-Akoko; the Federal University of Technology, Akure; and North-West University, South Africa, respectively. His research focuses on microbiology, microbial biotechnology, next-generation sequencing, and plant-soil-microbe interactions, particularly endophytic and rhizosphere biology. He has authored numerous scientific publications and is ranked among the global top 2% of scientists. Dr. Adeleke currently serves as the Assistant General Secretary of the Nigerian Young Academy.



**Dr. Emelda Chukwu (Publicity Secretary)**

Dr. Chukwu is an experienced Medical Microbiologist and Senior Research scientist with over a decades' experience conducting research on Infectious Diseases epidemiology and antimicrobial resistance (AMR) specifically in respiratory and diarrhoea diseases in children. She is involved in key national and regional projects including the national mass administration of Azithromycin to children under the age of five in Nigeria (SARMAAN project), Vaccines for respiratory pathogens and AMR (VacAMR) among others. Her extensive work on infectious Diseases and AMR has resulted in numerous publications, international recognitions and awards including Nobert Elias fellowship (University of Bielefeld, Germany), Institut Merieux young investigator award and Fleming fund certified AMR surveillance professional designation.



**Dr. Ifeyinwa Obianyo (Treasurer)**

Engr. Dr. Ifeyinwa Ijeoma Obianyo is a STEM advocate, lecturer, and researcher at the Department of Civil Engineering, Nile University of Nigeria, Abuja, Nigeria. She is passionate about teaching and conducting research in the areas of eco-friendly construction/building materials and climate change, aimed at proffering sustainable solutions to societal infrastructural challenges. She is currently an Editorial Board member of Discover Civil Engineering (Springer Nature) and Nile Journal of Engineering and Applied Science. Also, she is a recipient of the Excellence Performer Award of Nile University of Nigeria and the World Bank Academic Centre of Excellence scholarship award for her Master's and PhD programmes.





**Dr. Abdulmalik Salman Abdulahi**  
(Financial Secretary)

Abdulmalik Abdullahi Salman is a Senior Lecturer in the Department of Biochemistry at Ahmadu Bello University Zaria. His research interest in malaria is on the biology of the parasite as well as the diagnosis of the disease. He is a fellow of the Nigeria Science Leadership Programme (N\_SLP) and a collaborating researcher with the Infectious Tropical Diseases (ITD) Group at the Biomedical Science Research and Training Centre (BioRTC). He is also a collaborating researcher with the Venom, Anti-Venom & Natural Toxins Research Centre (VANTRC).



**Dr. Suleiman Bello**  
(Zonal Coordinator North-West)

Dr. Bello is a Senior Lecturer with over a decade of experience in research, teaching, and consulting. His expertise lies in radiological, chemical, and environmental risk assessment.

He is well published in these areas locally and internationally. He recently developed interest in energy transition for climate change mitigation. He is a visiting senior fellow at Athena center for policy and leadership, and a member of the prestigious Nigerian Young Academy. He has extensive on the job experience in community development - focusing on peacebuilding, climate resilience, and quality education. He consults in the area of research and data analysis.



**Dr. Najeeb Ismail**  
(Technical and Logistics Secretary)

Najib Aminu Ismail holds a Ph.D. in Mechanical Engineering from Universiti Teknologi Malaysia, specializing in Renewable Energy and Combustion. He received the Best Postgraduate Student and Graduate-on-Time Awards for his outstanding academic performance. He recently won the prestigious MIT-ETT Fellowship 2026 to be held at Massachusetts Institute of Technology, USA. Currently, he serves as a Lecturer in the Department of Mechanical Engineering, Ahmadu Bello University, Zaria. His research focuses on clean energy conversion and sustainable combustion technologies, and he has published articles in reputable journals and international conferences.



**Dr. Esther Anosike-Francis**  
(Zonal Coordinator North-Central)

Engr. Dr. Esther Anosike-Francis is a Mechanical Engineering lecturer and researcher, holding a bachelor's degree (B.Eng.) and masters (M.Eng) in Mechanical Engineering, and a Ph.D.

in Materials Science. She focuses on developing sustainable materials for varying applications, with work evidenced by publications and patents. A COREN-registered engineer, she is a passionate STEM advocate and a Society of Women Engineers (SWE) USA Global ambassador, championing gender inclusion. She is also an active member of the Nigerian Institution of Mechanical Engineers. Her impactful work at the nexus of education and innovation has been recognized with several prestigious awards.



**Dr. Oluwaseun Awosolu**  
(Zonal Coordinator South-West)

Awosolu Oluwaseun is a lecturer at the Department of Biology, Federal University of Technology, Akure. He holds a Bachelor's and Master's degree in Zoology from University of Ilorin, Ilorin, Nigeria.

As a TETFund scholar, Awosolu Oluwaseun obtained his Ph.D. in Parasitology from the school of Biological Sciences, Universiti Sains Malaysia, Malaysia. He specialized in Parasitology and Public Health, and has gained extensive experience on the molecular epidemiology, diagnosis and surveillance of tropical diseases, particularly malaria parasites, schistosomiasis and geohelminths. He has been consistently engaged in academic teaching and research on tropical diseases for more than a decade.



**Dr. Chikaodili Valentine Anadebe**  
(Zonal Coordinator South-East)

Valentine Chikaodili Anadebe is a Faculty Member at Department of Chemical Engineering, Alex Ekwueme Federal University Ndufu Alike, Nigeria and a Postdoctoral Research Fellow at the Centre for Materials Science,

College of Science, Engineering and Technology, University of South Africa, South Africa. He obtained his PhD degree from CSIR-Central Electrochemical Research Institute, India. His research interests span electrochemistry, chemical engineering and machine learning. With over 90 publications in peer-reviewed international Journals and books, and an h-index of 27, i10-index of 49 and a total citation count above 2,000, Dr. Valentine stands out as an international researcher.



## PROFILES

### 2025 Inducted Members (INDUCTEES)



**Dr. Samuel Omaji**  
(Zonal Coordinator South-South)

Omaji Samuel received a B.Sc. degree in Statistics/Computer Science from the University of Agriculture Makurdi, Benue State Nigeria in 2009, received the NMC-CIIT master's scholarship from 2013 to 2015 and CUI-TWAS postgraduate Fellowship from 2017 to 2020. He is currently a south-south coordinator of the NYA, an expert member of the CSEAN and he is the former acting dean, of the Faculty of Computing and Informatics at CUSTECH, Osara, Nigeria. He is currently with the Computer Science Department, at Edo State University, Iyamho, Nigeria and a former Assistant Dean, Students' Affairs, and former HoD of the same institution.



**Prof. Peter Chukwunonso Okoli**  
(Ex-Officio I)

Prof. Peter Chukwunonso Okoli is a Professor of analytical and environmental chemistry at Alex Ekwueme Federal University, Ndufu Alike, and a public analyst and forensic chemistry/

environmental impact assessment consultant. His interdisciplinary research focuses on low-cost analytical methods for micro-organic and emerging pollutants, nuclear forensics for enforcing the polluter-pays principle, affordable adsorbent materials for water remediation, and the fate and safety of environmental nanomaterials. His works which influence both academia and environmental policy, has been widely published and cited, and has earned awards, fellowships, and recognitions. Beyond teaching and research, he also writes freelance articles on contemporary societal issues.



**Dr. Abdul-Azeez A. Anjorin**  
(Ex-Officio II)

Dr Abdul-Azeez A. Anjorin is a medical microbiologist/virologist, a key member of several global and African virology bodies, and former Head, Department of Microbiology at Lagos State University.

He leads AFIDMURG and the Influenza & Other Respiratory Tract Viruses research team, and serves on training, biosafety, and science-advice platforms. He has trained at leading US and European institutions, sits on editorial boards of PLOS ONE and Pan African Medical Journal, and holds leadership roles in LASUMA and the Nigerian Young Academy. Widely travelled, he has presented at numerous WHO and international meetings and received many competitive awards, grants, and fellowships.



**Dr Adedayo Oreoluwa ADEWOLE**

Adedayo Oreoluwa Adewole is a Geography lecturer at Olabisi Onabanjo University. She holds BSc, MSc (Remote Sensing/GIS), and PhD

degrees from Obafemi Awolowo University. Her award-winning research focuses on climate, water, and landscape change, complemented by publications, IPCC review work, community outreach, mentoring, and volunteering.



**Dr. Afolabi Emmanuel OLABAMIJI**

Dr Afolabi Emmanuel Olabamiji is a human geographer and GIS expert specialising in rural and urban poverty dynamics. He holds multiple Geography and GIS degrees from Obafemi

Awolowo University and teaches at Olabisi Onabanjo University. He has international training, notable awards, several journal publications, and actively promotes critical thinking on human-environment relationships.



**Dr Temitayo Adenike ADEYEMO**

Temitayo Adeyemo, PhD Agricultural Economics (University of Ibadan), is a lecturer and former postdoctoral fellow at ZEF, University of Bonn. Her research applies advanced

quantitative methods to agricultural systems, food security, and rural development, informing policy. She is a policy fellow with AWARD-GRASP and member of major agricultural Economics associations.



**Dr. Opeyemi Babatunde OGUNSUYI**

Dr. Opeyemi Babatunde Ogunsuyi is a Medical Biochemistry lecturer at the Federal University of Technology Akure. His research uses model organisms to study natural products in neurodegenerative disease prevention.

With over 70 publications, patents, major grants, and awards, he also mentors young scientists and leads science outreach activities.



**Dr. Adekunle Gregory FAKUNLE**

Dr. Adekunle Gregory Fakunle is an environmental epidemiologist and lecturer at Osun State University, Nigeria. With MPH and PhD training in public and environmental health, he

focuses on exposure science, housing, air pollution, and cardiopulmonary health, leading prominent projects, publishing widely, and holding international fellowships and leadership roles in hypertension and respiratory health.





**Dr. Ogechukwu Ebere EZIM**

Dr. Ogechukwu Ebere Ezim is a Senior Lecturer in Biochemistry at the University of Port Harcourt, specializing in nutrition, reproductive biology, toxicology, and environmental biochemistry.

With over 40 publications, major grants, editorial roles, and leadership in training students, she advances public health, food safety, and biochemical research in Nigeria.



**Dr. Halleluyah Oluwatobi AWORINDE**

Dr. Halleluyah Oluwatobi Aworinde is an Assistant Professor of Computer Science at Bowen University and a postdoctoral fellow at Durban University of Technology.

A leading Nigerian voice in cognitive computing and AI for social good, he has 30+ indexed publications, international fellowships, grants, and active roles in AI policy, training, and capacity building.



**Dr. Opeyemi Oluwafemi OJUEROMI**

Dr Opeyemi O. Ojueromi is a food and nutritional biochemist at Precious Cornerstone University, Ibadan. She develops functional foods and nutraceuticals for managing

infectious and degenerative diseases, holds three health-focused patents, has received major national and international research grants and awards, and actively mentors future African scientists.



**Dr. Esther Nneka ANOSIKE-FRANCIS**

Engr. Dr. Esther Nneka Anosike-Francis is a Mechanical Engineer and Lecturer at Nile University of Nigeria. She specializes in materials/tribology, biomass-based green construction materials, and engineering education.

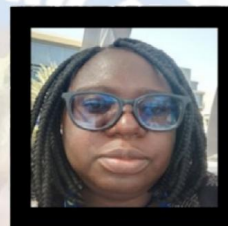
With 30+ papers and a national patent, she is a COREN-registered engineer, global SWE ambassador, and strong advocate for gender-inclusive STEM mentorship and leadership.



**Dr. Mojisola Christiana OWOSANI**

Dr. Mojisola Christiana Owoseni is a Senior Lecturer in Microbiology at the Federal University of Lafia, Nigeria. An environmental and public health microbiologist, she researches water quality, antimicrobial resistance,

infectious diseases, and nanobiotechnology, developing nanogels and biosensors, securing multiple grants, publishing widely, and leading key academic and collaborative research initiatives.



**Dr. Deborah Olubunmi ADERIBIGBE**

Dr. Aderibigbe is an environmental chemist/toxicologist and Senior Lecturer at LAUTECH, Nigeria. She specializes in using agroforest wastes for bioremediation of industrial wastewater and in biomonitoring and risk assessment of pollutants in water, air, and food. She is active in multiple national and international chemistry and toxicology societies.



**Dr. Godwin Chinedu UZOMBA**

Dr Godwin Chinedu Uzomba is a Senior Lecturer in Anatomy at Alex Ekwueme Federal University Ndufu-Alike, specializing in biomechanics and human movement science. He holds BSc, MSc, and

PhD degrees from the University of Port Harcourt and has an extensive publication record, strong ethical standards, and a reputation for excellence and teamwork.



**Dr. Michael Oluwakayode ONI**

Dr. Michael Oluwakayode Oni is a lecturer in Mathematics at Ahmadu Bello University, Zaria, specializing in applied mathematics and computational fluid dynamics. His research focuses electroosmotic flow and heat transfer

in micro- and nano-scale geometries, with applications to cooling of MEMS. He has published over 50 peer-reviewed articles.



**Dr. Ajibola Abiodun BAYODE**

Dr. Bayode Ajibola Abiodun is an industrial chemist and lecturer at Redeemer's University, Nigeria. She develops low-cost nanomaterial-based technologies to remove emerging contaminants from water, focusing

on rural communities in sub-Saharan Africa. Her award-winning, internationally collaborative work spans adsorption, degradation, toxicology, mentoring, and science-informed environmental policy.



**Dr. Suleiman BELLO**

Dr. Suleiman Bello is a Senior Lecturer and researcher specializing in radiation biophysics, focusing on radiological, chemical, and environmental risk analysis. He is also deeply involved in community development, leadership,

peacebuilding, quality education, and climate action, bringing together scientific expertise, data analytics skills, and development practice to support sustainable resilience in Nigeria.



## PROFILES OF AWARD WINNERS

**Dr. Darlington Nnamdi ONYEJIKE – WINNER, Prof. Friday Okonofua National Young Researcher's Prize in Health Sciences.**



Dr. Darlington Nnamdi Onyejike is a Senior Lecturer in Anatomy at Nnamdi Azikiwe University, Nnewi, and winner of the Prof. Friday Okonofua National Young Researcher's Prize in Health Sciences. With a PhD in Forensic

Anatomy and an MBA, his 40+ indexed

papers span forensic taphonomy, herbal medicine, kinanthropometry, and specialist embalming.

**Prof. Adejumoke Abosede INYINBOR – WINNER, Prof. Kayode Adebowale Young Researcher's Prize for Women in Chemical Sciences**



Prof Adejumoke Abosede Inyinbor is a Professor of Industrial Chemistry at Landmark University and winner of the Prof. Kayode Adebowale Young Researcher's Prize for Women in Chemical Sciences. She specializes in

wastewater treatment and sustainable

pollutant removal, has extensive high-impact publications, leads key university curriculum roles, and holds multiple international fellowships.

**Dr. Sulaimon Femi ABIMBADE – WINNER, Prof. Aderemi Kuku National Young Researcher's Prize in Mathematical Sciences**



Dr. Sulaimon Femi Abimbade is a mathematician at LAUTECH, Nigeria, and winner of the Prof. Aderemi Kuku National Young Researcher's Prize in Mathematical Sciences. He works on mathematical modelling of infectious, social, and ecological dynamics and

fractional calculus, with an award-winning

PhD thesis, growing publications, editorial roles, and active professional memberships.

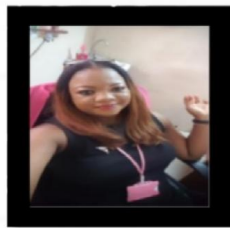


**Dr. Chikaodil Valentine ANADEBE**

Engr. Dr. Anadebe Chikaodili Valentine is a Chemical Engineering lecturer at Alex Ekwueme Federal University Ndufu Alike. A corrosion and materials protection specialist, he designs

multifunctional nanomaterials and uses

machine learning for corrosion mitigation. He has over 90 indexed papers, strong citation metrics, major international fellowships, awards, and professional engineering registration.



**Dr. Ifeoma Euginia IDIGBE**

Dr. Ifeoma Idigbe is a Research Fellow at Nigerian Institute of Medical Research (NIMR), Lagos, heading the HIV Testing/Counselling Unit and leading the Social and Behavioural Sciences subgroup. With 16+ years' experience, 45+ publications, major international collaborations, training roles, and multiple awards, she focuses on HIV/TB, NCDs, women's health, and research ethics.

**Dr. Peter Ifeoluwa ADEGBOLA**

Dr. Peter Ifeoluwa Adegbola is a Biochemistry and Forensic Science lecturer at Abiola Ajimobi Technical University and a postdoctoral fellow at North-West University, South Africa. His research focuses on natural products, toxicology, redox and

inflammatory biochemistry, especially mechanisms of metabolic and cardiovascular diseases, with growing interdisciplinary, well-published work.



## 2025 NYA EXITED MEMBERS



**Dr. ISMAIL AYOADE ODETOKUN**  
Dr. Odetokun is an Associate Professor of Veterinary Public Health at the University of Ilorin and a leading One Health researcher on AMR, zoonoses, food safety, and surveillance. With

120+ high-impact publications and major international grants, he holds key editorial and leadership roles and significantly influences veterinary and public health practice.



**Dr. TEMITOPE SOGBANMU**

Dr. Temitope O. Sogbanmu is a Senior Lecturer and Environmental Toxicologist at the University of Lagos, specializing in ecological risk assessment and management of organic pollutants. She leads EUEPiN, EESKT, and SCEPACE, is

a multiple award-winning scientist (including L'Oréal-UNESCO FWIS 2014), and actively advances

SDG-aligned, evidence-informed environmental policy.



**Prof. IDIKA KALU IDIKA**

Prof. Idika Kalu Idika is a Professor of Veterinary Parasitology at the University of Nigeria, Nsukka, and Honorary Consultant Parasitologist. His work spans host-parasite interactions, epidemiology, immunology, and anthelmintic discovery.

With strong international experience, extensive publications, and major university leadership roles, he actively advances veterinary science, education innovation, and youth-led research.



**Dr. SAHEED ADEWALE ADIO**

Dr. Adio is an Associate Professor of Mechanical Engineering at Obafemi Awolowo University, specializing in thermo-fluids, nanofluids, CFD, and microchannel heat exchangers. He proposed a volumetric energy

density method for nanofluids, has led grant-winning research, holds key editorial and professional roles, and is widely respected as an effective, dedicated educator.



**DR CHINWE CHUKWUDI**

Dr Chinwe Chukwudi is a veterinarian, molecular biologist, and clinical pathologist at the University of Nigeria Nsukka. A Commonwealth and APTI fellow, she researches molecular pathogenesis, diagnostics, and therapeutics for

infectious and neglected tropical diseases, especially zoonotic protozoan NTDs, and leads research at the Vaccine Research Centre.



**Prof. PETER CHUKWUNONSO OKOLI**

Peter Chukwunonso Okoli is a Professor of analytical/environmental chemistry at Alex Ekwueme Federal University, and Associate Researcher at ACE-WATER, Redeemer's University. His work focuses on low-cost analysis and remediation of

emerging pollutants, nuclear environmental forensics, and nanomaterial safety, with highly cited publications, major international fellowships, and significant scientific and leadership roles.



**Engr. Prof. COSMAS UCHENNA OGBUKA**

Cosmas Uchenna Ogbuka is a Professor of Electrical Engineering at the University of Nigeria, Nsukka, specializing in sustainable power and energy. He serves as M&E Officer of ACE-SPED, heads Mechatronics, is an MIT-trained

teaching fellow, has 80+ publications, supervises many postgraduates, and is active in African research security and leadership networks.



**Dr. AKEEM BABATUNDE DAUDA**

Dr. Akeem Babatunde Dauda is an Associate Professor of Fisheries and Aquaculture at Federal University Dutsin-Ma. His research focuses on sustainable aquaculture production and water reuse systems. With 100+

publications, major fellowships, grants, leadership roles, and top-2% scientist recognition, he also directs the university's Linkages and International Relations.



**Dr. ABUBAKAR ABUBAKAR KHALEED**

Dr. Abubakar Abubakar Khaleed is a Senior Lecturer in Physics at Ahmadu Bello University, Zaria, and former Vice President of the Nigerian Young Academy. A Nigeria Science Leadership Program fellow, he specializes in

radiation shielding, nanomaterials for energy and sensing, and nanofluids, with strong publication metrics, major grants, awards, and extensive academic service.



**Engr. Dr. KAISAN MUHAMMAD USMAN**

Dr. Kaisan is an Associate Professor of Mechanical Engineering at Ahmadu Bello University, Zaria, and a COREN-registered consultant engineer. He has led major industrial designs, energy and emission

projects, CNG vehicle conversions, and international technology transfer, holds five patents, 120+ publications, key fellowships, awards, and significant editorial and leadership roles.



## REPORT OF NYA WORKING GROUPS ACTIVITIES

This report consolidates the activities, strategic planning, and member achievements of the three key Nigerian Young Academy (NYA) Working Groups (WGs) spanning from September 2025 to November 2025. The WGs covered in this consolidated review are the Physical Sciences Engineering and Technology (PSET) WG, the Social Sciences and Humanities (SSH) WG, and the Biological and Health Sciences (BHS) WG. The quarter was marked by significant strategic planning for the next two years, successful leadership transitions, and notable professional advancements across the membership.

### I. BIOLOGY AND HEALTH SCIENCE (BHS)

The BHS WG experienced a formative and productive quarter, marked by a leadership transition and a strategic focus on professional development.

#### Leadership Transition and Strategic Planning

Following the 15th Conference and General Assembly, the WG held an election on **September 29, 2025**, resulting in the following leadership:

- **Chairman:** Dr. Akeem Sikiru
- **Secretary:** Dr. Kehinde Adeboye

The new leadership conducted a structured online survey to align the group's activities with member interests. Key findings indicated a strong expectation for the WG to prioritize professional development activities, including capacity building, career advancement support, research collaboration, and exposure to funding and international networking opportunities. The leadership is now focused on developing high-impact initiatives based on these findings.

#### BHS Member Achievements (September - November 2025)

Member	Achievement	Date
Dr. Akeem Sikiru	Elected a Fellow of the Linnean Society of London.	October 2025
Dr. Opeyemi Ogunsuyi	Resumed a Research Fellow position at the School of Biosciences, University of Birmingham, UK, under the African Research Excellence Fund (AREF) Research Development Fellowship (RDF) Programme.	October 2025
Prof. Temitope O. Onuminya	Won the Africa-Europe Cluster of Research Excellence in <b>Integrative Conservation Biology Research and Training</b> Grant (in collaboration with Dr. Perpetra Akite Jacob Höglund Matthias Waltert Charlotte Ndiribe Jens-Christian Svenning Barbara Mable Winnie Kiiru PhD Peter Messerli Woldemedhin Zebene Hugues Abriel)	October 2025
Dr. Emelda Chukwu	•Invited Guest speaker/ Panelist at the 3rd International Research Centre of Excellence (IRCE) Annual Scientific Symposium hosted by the Institute of Human Virology, Nigeria. Title: Tracking public health threats through wastewater: lessons from surveillance of wastewater canals in Lagos state.	8th – 9th Sept, 2025
	•Invite Guest Speaker for the 2025 Global Handwashing Day celebration. Organized by the Federal Ministry of Environment. Theme: Be a handwashing Hero. Title of Presentation: Safe or Sorry: The Power of Handwashing.	15th October 2025
Drs. Kehinde Adeboye, Bartholomew Adeleke, and Ayansina Ayangbenro	•Organized Outreach programs to 5 Junior Secondary schools in Lagos to promote STEM career and rationale use of antibiotics.	10th – 21st November, 2025.
	•Invitation Speaker for the talk session of the JATI program 2025/2026 on "Antibiotic Awareness: Using Medicine The Right Way".	21st December 2025
	Collaborated with external researchers to publish a peer-reviewed article in <i>Discover Agriculture</i> .	November 2025

### II. SOCIAL SCIENCES AND HUMANITIES (SSH)

The SSH WG, chaired by Dr. Omotayo I. Olalere, focused on preparatory activities for future engagements and reported a strong quarter of individual member accomplishments.

#### WG Activities

The group held a successful meeting on October 3, 2025, to prepare for an upcoming webinar scheduled for February 2026.

#### SSH Member Achievements (September - November 2025)

Member	Achievement	Date
Dr. Omotayo Olalere	Promoted to the rank of Reader (Associate Professor).	October 2025
Dr. Chinwoke C. Ifeanyi-Obi	Published a Scopus-indexed paper on the utilization of extension services for climate change adaptation. Presented a lead paper on gender dynamics in organic agriculture at the OAPITIN Annual Conference.	Sep - Oct 2025
Dr. Michael I. Ugwuze	Started the Taiwan Foundation for Democracy (TFD) fellowship. Attended a Tetfund-sponsored conference in Accra, Ghana, presenting a paper on climate colonialism. Published two articles in ESCI and SSCI journals.	Sep - Nov 2025
Dr. Temitayo A. Adeyemo	Presented a paper at the CGIAR Gender Conference in Cape Town, South Africa. Published a journal article.	October 2025
Dr. Afolabi E. Olabamiji	Attended the GEOSON Conference, presenting a paper on urban expansion and spatial orientation for sustainable planning.	November 2025
Dr. Ifeoma E. Idigbe	Presented at the Nigerian Implementation Science Alliance (NISA) and the Annual Symposium on Global Cancer Research (ASGCR). Co-authored three manuscripts on public health and bacterial vaginosis.	Sep - Nov 2025
Dr. Adedayo O. Adewole	Presented a poster at the 3rd AFACP Conference on enhancing food safety systems.	November 2025

### III. PHYSICAL SCIENCES, ENGINEERING AND TECHNOLOGY (PSciETech)

The PSET WG, chaired by Dr. Ojonugwa Thomas Daniel, held a strategic meeting on October 31, 2025, to outline a comprehensive two-year activity plan and propose five major projects aimed at addressing national priorities.

#### Strategic Focus Areas (2025-2027)

The two-year plan is structured around six core areas:

Focus Area	Key Initiatives
<b>Collaborative Research &amp; Innovation</b>	Multi-institutional mini-projects focusing on renewable energy, waste-to-wealth, advanced materials, smart/agricultural technology, and the application of Artificial Intelligence (AI) in physical sciences.
<b>Capacity Building &amp; Mentorship</b>	Workshops on grant writing, scientific leadership, research ethics, and hands-on training in tools like DFT simulations, SCAPS, Python for Data Science, Machine Learning, and AI applications. Includes a mentorship series for early career scientists.
<b>National &amp; Global Partnerships</b>	Proposed collaborations with the Global Young Academy (GYA), African Young Academy of Sciences, Nigerian Academy of Science, professional bodies (NSE, NICHÉ, NIP, NSBMB), and industry partners (Dangote Group, SHELL, NNPC Foundation).
<b>Public Engagement &amp; Science for Society</b>	Programmes such as the National Science and Innovation Challenge, STEM-for-Girls Mentorship Programme, a quarterly Public Science Lecture Series, and a Science-for-Policy Forum.
<b>Communication &amp; Visibility</b>	Maintaining an active social media presence (Twitter/X and LinkedIn) and periodic publication of the Group's reports.
<b>Sustainability &amp; Continuity</b>	Establishing succession and mentorship frameworks, creating an Advisory Council of senior scientists, and documenting all initiatives for continuity.



## Suggested Projects

Five major projects were suggested to operationalize the strategic plan:

- 1. National STEM Robotics and Innovation Challenge:** Aims to train 1,000 students and 100 teachers by 2027, developing 50 innovative prototypes.
- 2. Clean Energy and Climate Solutions Research Cluster:** Focuses on interdisciplinary research in solar, biomass, and hydrogen energy, including annual Clean Energy Hackathons and the publication of a "Nigeria's Pathway to Net-Zero 2060" white paper.
- 3. Artificial Intelligence, Automation, and Data Science for National Development:** A capacity-building program to train 500 participants and create 3 open-access datasets.
- 4. National Engineering for Sustainable Infrastructure (NESI) Project:** Focused on innovative materials and smart engineering technologies, with an expected outcome of 2 prototypes, 2 patents, and a national compendium.
- 5. Science, Technology, and Society (STS) Public Engagement Series:** Aims to enhance public understanding of science through community engagement, podcasts, and media columns, with a goal to reach 100,000 Nigerians annually.

## PSET Member Achievements (September - November 2025)

Member	Achievement	Date
Prof. Olufunso Abosede	Promoted to Professor of Inorganic and Materials Chemistry (Federal University Otuoke). Attended the 8th RSC-CICAG/RSC-BMCS Artificial Intelligence in Chemistry Conference.	October 2025
Dr. Ifeyinwa Ijeoma Obianyoye	Promoted to Lecturer I (Nile University of Nigeria). Published four journal articles, including work on sustainable construction materials and flood risk assessment.	Sep - Nov 2025
Dr. Anadebe Chikaodili Valentine	Published four journal articles on computational insights into corrosion inhibition mechanisms and multifunctional 2D materials.	October 2025
Dr. Zaharaddeen N. Garba	Awarded the C2F Postdoctoral Fellowship at Chulalongkorn University, Bangkok, Thailand.	November 2025
Dr. Usman Lawal	Appointed as the Head of Chemistry Department, Airforce Institute of Technology, Kaduna.	October 2025

The Nigerian Young Academy Working Groups demonstrated a high level of activity and productivity during the September to November 2025 quarter. The PSET WG established a two-year strategic roadmap with five major project proposals, indicating a strong commitment to national development through science and technology. The SSH WG and BHS WG both successfully executed internal strategic steps, with the BHS WG completing a leadership transition and a member-focused needs assessment. Collectively, the WGs reported a significant number of individual member achievements, including promotions, fellowships, and a substantial volume of scholarly publications, underscoring the collective strength and academic excellence of the NYA membership. The foundation laid in this quarter positions the Academy for a highly impactful year ahead.

Compiled by:

**Dr. Abdulhakeem Bello**  
Vice-President, NYA

## MEMBERS AND FELLOWS' NEWS

### Appointments, Promotions, and Inaugural Lectures

- Prof. Osemwegie Osarenkhoe Omorefosa, FNYA appointed Vice-Chancellor of Lighthouse University Evbuobanosa, Edo State.
- Prof. Charles Oluwaseun Adetunji FNYA the most cited google scholar author in Nigeria
- Dr. Ismail Odetokun (FNYA), the most cited google scholar author at the University of Ilorin, Nigeria.
- Prof. Temitope Oloruntoba Olomola FNYA appointed Head, Department of Chemistry, Obafemi Awolowo University.
- Prof. Gilbert U. Adie (FNYA), appointed the Executive Director of Basel Convention Coordinating Centre for Training and Technology Transfer for the African Region (BCCC-Africa).
- Prof. Sunny O. Abarikwu FNYA appointed as a Temporary Adviser to the International Agency for Research on Cancer (IARC) Working Group.
- Dr. Akeem Babatunde Dauda FNYA promoted to the rank of Professor of Aquaculture Production Systems and Water Resources Management at the Federal University Dutsin-Ma.
- Dr. Sanusi Bello Mada FNYA promoted to the rank of Professor of Medical and Nutritional Biochemistry at Ahmadu Bello University.
- Dr. Folusho Agunbiade FNYA promoted to the rank of Professor at the Department of Chemistry, University of Lagos effective 1st Oct, 2023.
- Prof. Adejwon Adewale ADENEYE FNYA appointed a Fellow of African academy of Sciences (AAS).
- Prof. Olatunji Kolawole FNYA appointed a Fellow of African academy of Sciences (AAS).
- Dr. Stephen Adeniyi Adefegha FNYA won the 2025 NAS Gold Medal Prize for Life Sciences.
- Dr. Usman Lawal MNYA appointed Head of Chemistry Department at the Air Force Institute of Technology, Kaduna.
- Prof. Olufunso Abosede MNYA appointed Director of Research and Development at Federal University Otuoke.
- Prof. Charles Oluwaseun Adetunji FNYA appointed Chairman of the Governing Council for the Nigerian Bioinformatics and Genomics Network.
- Prof. Charles Oluwaseun Adetunji FNYA elected President of the Mycotoxicology Society of Nigeria.



## Publications by NYA members

- Abraham Orianegbena Osezuah, Ifeyinwa Ijeoma Obianyo, Abdulganiyu Sanusi, Anthony Muoka, Assia Abubakar Mahamat, Abubakar Dayyabu, Physical, mechanical and durability properties of *Bambusa vulgaris* Schrad. ex J. C. Wendl.: implications for sustainable construction in Nigeria, *Advances in Bamboo Science*, Volume 12, 2025, 100195, ISSN 2773-1391, <https://doi.org/10.1016/j.bamboo.2025.100195>.
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## Opportunities and Other news

### **WHO Science Council Open Call for Experts**

The World Health Organization (WHO) is seeking internationally recognized experts with outstanding accomplishments and a proven understanding of global health challenges to join its Science Council. This call offers a unique opportunity to contribute to shaping the future of global health through science-driven recommendations and impactful initiatives. Members will identify scientific breakthroughs, assess urgent scientific issues, and provide guidance on research and innovation. Since its establishment in 2021, the Council has played a vital role in providing scientific leadership and advising the Director-General on pressing global health issues. It has produced foundational reports addressing equitable access to genomics technologies, the opportunities and challenges of mRNA technologies, and the advancement of digital health solutions.

**Deadline:** 16th January 2026

**Link:** <https://www.who.int/news-room/articles-detail/who-science-council--open-call-for-experts>

Further details: <https://www.who.int/groups/science-council>

### **Advancing coordinated reform in publishing and research assessment**

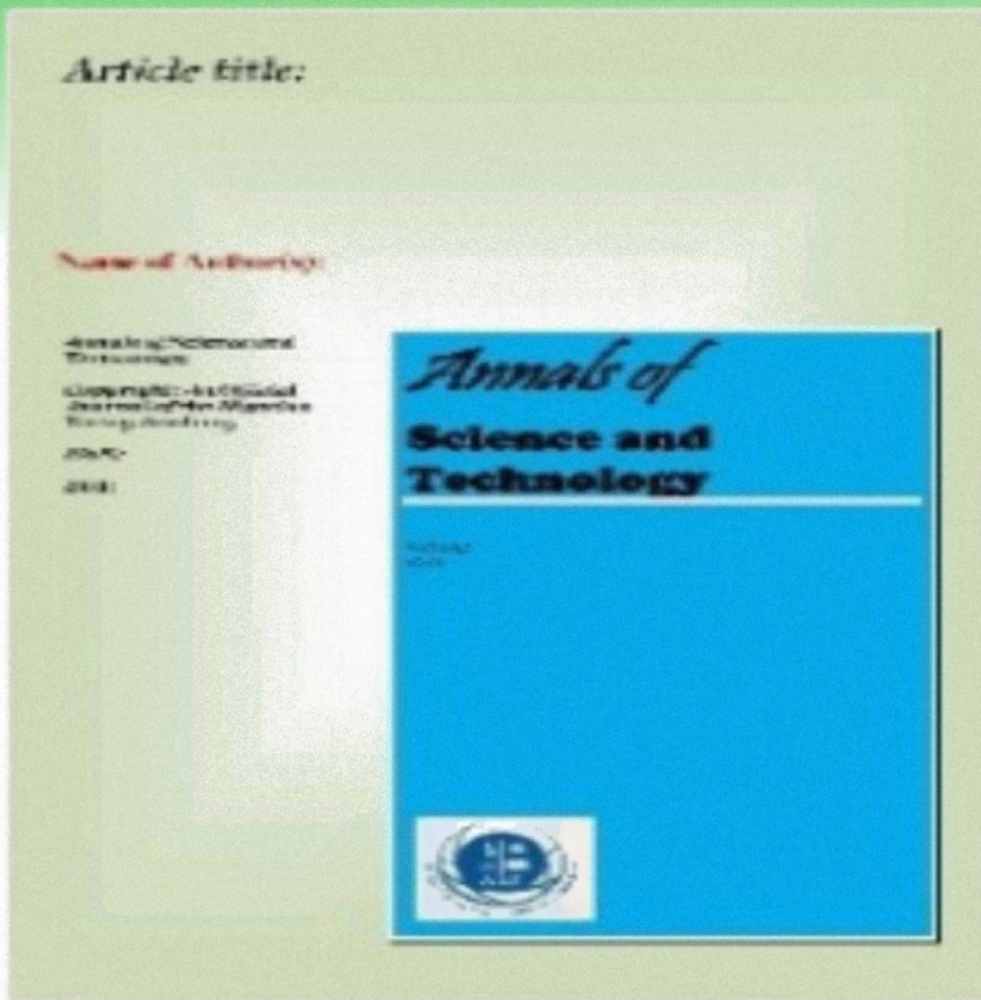
The ISC and other key actors in publishing and research assessment convened recently in Pisa to explore practical opportunities for joint action, signalling an important move toward stronger coordination and lasting reform: <https://council.science/news/coordinated-reform-in-publishing-research-assessment/>

### **AI disclosure in research: towards a global reporting standard**

The ISC, WCRIF, COPE, STM and the GYA have launched a joint initiative to develop a Global Reporting Standard for AI Disclosure in Research. All ISC Members are invited to contribute to this process by responding to a short survey by 28 February 2026. Further information about the initiative and the survey can be found here: <https://council.science/aidisclosure>



# AST PLATFORM



## ***Call for Submission of Manuscripts!***

The Annals of Science and Technology (AST), a journal of the Nigerian Young Academy (NYA), hereby calls for submission of manuscripts for publication in its next issue. The journal is indexed and abstracted by Google Scholar. AST publishes high-quality theoretical and experimental articles twice a year. It publishes research articles, state of the art reviews and short communications in the field of biological, health, chemical, mathematical and physical sciences, as well as engineering and technology. More information on the journal such as guidelines on submission of articles can be found in the link below: <https://www.astnya.com/index.php>

