



# NYA

# NEWSLETTER

A Quarterly Publication Of The Nigerian Young Academy (NYA)

VOLUME 7, NO. 1

JANUARY 2023

## EDITORIAL



The aftermath of the COVID-19 pandemic in 2021 has left huge challenges in the Nigerian economy affecting healthcare systems, academic research, and industrial activities, resulting to a collapse in the oil and gas sectors, among others. In line with one of the Nigerian Young Academy (NYA) cardinal principles in attaining Country Sustainable Development Goals (SDGs), the NYA seeks to draw

expertise and contributions from the academia, industry, government, civil society and other relevant stakeholders to brainstorm on how to fast-track progress towards attaining Sustainable Development after COVID-19 periods.

The 12<sup>th</sup> NYA international conference and general assembly with the theme **“Academia-Government-Industry Linkage and Sustainable Development”** were held between the 15<sup>th</sup> and 18<sup>th</sup> of November, 2022 at the University of Nigeria, Nsukka, Enugu State. The conference featured a keynote speech, induction of new members, conferment of Fellows of the NYA, presentation of National awards, antiplagiarism workshop, plenary sessions, and paper presentations across various subjects. Other activities held during the conference are highlighted in this edition of the NYA Newsletter. The event was jointly supported by the COVID-19 Africa Rapid Grant Fund, the Nigerian Academy of Science (NAS), the NYA, University of Nigeria, Nsukka (UNN), and Africa Centre of Excellence for Sustainable Power and Energy Development (ACE-SPED).

On behalf of the Publicity committee of the NYA, I sincerely hope you find this edition of the NYA Newsletter inspiring and educative.

**Ibrahim Malami, BSc (UDUS), MSc (UCL), PhD (UPM)**  
**Publicity Secretary**

**All inquiries 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  
[www.nigerianyoungacademy.org](http://www.nigerianyoungacademy.org)  
[publicity@nigerianyoungacademy.org](mailto:publicity@nigerianyoungacademy.org)  
[nyacademy1@gmail.com](mailto:nyacademy1@gmail.com)  
[www.twitter.com/contactNYA](https://www.twitter.com/contactNYA)  
[www.facebook.com/contactNYA](https://www.facebook.com/contactNYA)

## PUBLICITY COMMITTEE

<b>Dr. Ibrahim Malami</b>	<b>Chair</b>
<b>Dr. Abubakar Abubakar Khaleed</b>	<b>Member</b>
<b>Dr. Omolara Faith Yakubu</b>	<b>Member</b>
<b>Dr. Kingsley Eghonghon Ukhurebor</b>	<b>Member</b>
<b>Dr. Cosmas Uchenna Ogbuka</b>	<b>Member</b>
<b>Dr. Omotayo Ibukun Olalere</b>	<b>Member</b>

## 2022 NYA CONFERENCE AT A GLANCE: ACADEMIA-GOVERNMENT-INDUSTRY LINKAGE AND SUSTAINABLE DEVELOPMENT



*A cross-section of members, new fellows and dignitaries during the 12<sup>th</sup> NYA international conference opening ceremony at the University of Nigeria, Nsukka, Enugu State*

The 12<sup>th</sup> NYA international conference and general assembly were one of the memorable events in the Academy's annual series of NYA conferences since its inauguration on the 30<sup>th</sup> of August 2010 at the Redeemers University, Mowe. The conference, themed “Academia-Government-Industry Linkage and Sustainable Development” was held between the 15<sup>th</sup> and 18<sup>th</sup> of November, 2022. The conference aimed to identify sustainable strategies for spurring academia-government-industry linkage, spur debate on efficient ways to strengthen academia, government and industry collaboration for achieving sustainable development goals, and highlight a multi-sectoral and multidisciplinary roadmap towards tackling and triumphing over sustainable development challenges in Africa and beyond.

The opening ceremony was addressed and opened by the president of the NYA Dr. Mohammed Auwal at the 12<sup>th</sup> NYA conference. The conference amongst other activities featured a keynote address by Prof. Charles Okechukwu Esimone, FAS, the Vice Chancellor of Nnamdi Azikiwe University, Awka, Nigeria; plenary sessions, paper presentations across various subjects and presentation of research prizes to outstanding young scholars in different disciplines.



NYA INDUCTS FOURTEEN NEW MEMBERS  
IN NSUKKA



A cross-section of new members taking their oath administered by the President of NAS at the opening ceremony of the 2022 NYA international conference held at the University of Nigeria, Nsukka, Enugu State

The NYA inducted its new members into the Academy during the opening ceremony of the 12<sup>th</sup> NYA international conference. Fourteen (14) members were inducted by the representative of the President of the NAS, Prof. Musto Onouha. The inductees pledged to serve the Academy according to its statutes and bye-laws. The 2022 NYA inductees are listed below:

S/N	Name	Affiliation
1	Dr. Ugwueze M. Ikechukwu	University of Nigeria, Nsukka, Enugu State.
2	Dr. Akomolafe, Seun Funmilola	Ekiti State University, Ado-Ekiti, Ekiti State.
3	Dr. Kale, Oluwafemi Ezekiel	Olabisi Onabanjo University, Ogun State.
4	Dr. Ojo, Oluwafemi Adeleke	Landmark University, Omu-Aran, Kwara State.
5	Dr. Olasehinde, Tosin Abiola	Federal Institute of Industrial Research, Lagos State.
6	Dr. Olowo-okere Ahmed	Usmanu Danfodiyo University Sokoto, Sokoto State.
7	Dr. Saba, Abdulwakil Olawale	Lagos State University, Ojo, Lagos State.
8	Dr. Onuminya, Temitope Olabisi	University of Lagos, Akoka, Lagos State.
9	Dr. Chime, Salome Amarachi	University of Nigeria, Nsukka, Enugu State.
10	Dr. Ibeji, Collins Ugochukwu	University of Nigeria, Nsukka, Enugu State.
11	Dr. Ibeto, Cynthia Nkolika	University of Nigeria, Nsukka, Enugu State.
12	Dr. Adeolu A. ADEDIRAN	Landmark University, Omu-Aran, Kwara State.
13	Dr. Chikodiri Nwangwu	University of Nigeria, Nsukka, Enugu State.
14	Dr. Omotayo Ibukun Olalere	Obafemi Awolowo University, Ile-Ife Osun State

NYA DECORATES NEW FELLOWS IN GRAND STYLE



Prof. Idika Kalu Idika (Chairman, COC), Dr. Anthony M. Ugbenyen, Dr. Oluwabunmi O. Oyeboode, and Prof. Daniel Okuonghae (L-R) during the exiting ceremony of the new Fellows of the Academy at the 2022 NYA international conference held in Nsukka

At the same event, seven (7) members of the NYA who had served the Academy's mandatory five years of membership were honoured with the fellowship award of the NYA (FNYA). The new Fellows were decorated with NYA logo-customized blazers and lapels as they exited the Academy membership. The new fellows are:

S/N	Name	Affiliation
1.	Prof. Daniel Okuonghae	University of Benin, Benin City, Edo State
2.	Dr. Moses Anthony Ugbenyen	Edo State University, Uzairue
3.	Dr. Oluwabunmi O. Oyeboode	Obafemi Awolowo University, Ile-Ife Osun State
4.	Dr. Abiodun Egbetokun	National Centre for Technology Management
5.	Dr. Emmanuel J. Awosanya	University of Ibadan, Oyo State.
6.	Dr. Mutiu Idowu Kazeem	Lagos State University, Ojo, Lagos State.
7.	Dr. Osariyekemwen Uyi	University of Benin, Benin City, Edo State

SEVEN OUTSTANDING RESEARCHERS WIN NATIONAL  
YOUNG RESEARCHERS' PRIZES 2022



A photo of an award winner receiving an award during the 12<sup>th</sup> NYA international conference opening ceremony at the University of Nigeria, Nsukka

The NYA also featured the National Young Researchers' Prizes in Health Sciences, Chemical Sciences and Women in Chemical Sciences, Linguistics, Geoenvironmental Sciences, Mathematical Sciences, and Microbiology. Seven (7) outstanding young researchers were awarded the National Young Researchers' Prizes. These prizes were established to recognize the scientific achievements of outstanding young researchers living and working in Nigeria in their respective fields to encourage them to continue to strive for excellence in their research. The prize awardees are shown below:

S/N	Award type	Awardee
1	Prof. Hillary Inyang National Young Scientist Prize in Geoenvironmental Sciences	Dr. Oluibukun G. Ajayi
2	Prof. Kayode Adebawale National Young Scientist Prize for Women in Chemical Sciences	Dr. Eucharia O. Nwaichi
3	Prof. Kayode Adebawale National Young Scientist Prize in Chemical Sciences	Dr. Gideon A. Idowu
4	Prof. Friday Okonofua National Young Scientist Prize in Health Sciences	Dr. Ogunsuyi O. Babatunde
5	Prof. Olurotimi Taiwo National Young Scientist Prize in Linguistics	Prof. Okeke, C. Onyebuchi
6	Prof. Aderemi Kuku National Young Scientists' Prize in Mathematical Sciences	Dr. Sulyman O. Salawu
7	Prof. Oyewale Tomori National Young Scientists' Prize in Microbiology	Dr. Paul O. Bankole

ANTIPLAGIARISM WORKSHOP



A cross-section of participants at the antiplagiarism workshop held at the University of Nigeria, Nsukka

During the 12<sup>th</sup> NYA International Conference General Assembly, the Academy organized an antiplagiarism workshop in collaboration with the African Centre of Excellence for Sustainable Power and Energy Development (ACE-SPED) which was held concurrently at the University of Nigeria, Nsukka, Enugu State.



# NYA NEWS

After the recent successful 12<sup>th</sup> International Conference and General Assembly held during the 15<sup>th</sup> – 18<sup>th</sup> November 2022, the call for **Membership Application 2023** and **National Young Researcher's Prizes 2023** are here. The NYA is inviting applications from brilliant young and early career researchers below the age of 45 who are from various disciplines working in Nigerian institutions. Two categories of applications are available on the NYA website: <https://nigerianyoungacademy.org/>.



## MEMBERS' NEWS

**Dr. M. A. Ibrahim** has been promoted to the rank of Associate Professor at Ahmadu Bello University, Zaria. He has also been selected as an affiliate member of the African Academy of Sciences from 2022 – 2026. Dr. Ibrahim is the current President of the NYA and of the Department of Biochemistry at Ahmadu Bello University, Zaria, Nigeria.

**Dr. Charles Adetunji** has been selected as an affiliate member of the African Academy of Sciences from 2022 – 2026. Dr. Adetunji has also been promoted to the rank of Professor at Edo University, Uzairue. Prof. Adetunji is of the Department of Microbiology, Edo University, Uzairue.

**Dr. AbdulAzeez Anjorin** has been awarded travel grants and training fellowship by the World One Health Congress, King Fahad Medical City, Christian Medical College as well as Science Skills Development Program. Also, he has been appointed as an Editorial board member of PloS One. Dr. Anjorin is of the Department of Microbiology, Lagos State University, Ojo, Lagos State.

**Dr. O. A. Rotimi** has been awarded an Emerging Global Leader (K43) career development grant by the FIC/NCI at NIH. Dr. Rotimi is of the Department of Biochemistry, Covenant University, Ota, Ogun State.

**Dr. S. A. Adefegha** has been promoted to the rank of Associate Professor with effect from 2021. Dr. Adefegha is of the Department of Biochemistry, University of Technology, Akure.

**Dr. L. O. Olasunkanmi** has been selected as an affiliate member of the African Academy of Sciences from 2022 – 2026. Dr. Olasunkanmi is of the Department of Chemistry, Obafemi Awolowo University, Ile-Ife, Osun State.

**Dr. Oluwaseun Adedokun** has been selected as an affiliate member of the African Academy of Sciences from 2022 – 2026. Dr. Adedokun is of the Department of Physics, Ladoke Akintola University of Technology, Ogbomoso.

**Dr. Oluwafemi Adeleke Ojo** has been selected as an affiliate member of the African Academy of Sciences from 2022 – 2026. Dr. Ojo is of the Department of Biochemistry, Bowen University, Iwo, Osun.

**Dr. Akeem Babatunde Dauda** has been appointed to serve as the Desk Officer for Internationalisation at the Federal University Dutsinma. Dr. Dauda is of the Department of Fisheries and Aquacultural Technology, Federal University Dutsinma.

**Dr. Olugbemi Tope Olaniyan** has been awarded the 2022/2023 CZI-SMART African MRI Research Mentorship Grant. Dr. Olaniyan is of the Department of Physiology, Edo State University, Uzairue.

## FELLOWS' NEWS

**PROF. EMMANUEL IYAYI UNUABONAH** has been elected fellow of the Nigerian Academy of Science. Prof. Unuabonah, a professor of Chemistry served as the pioneer president of the NYA. He is of the Department of Chemical Sciences, Redeemer's University, Ede.

**PROF. ETINOSA IGBINOSA** has been inducted as a Fellow of the African Academy of Sciences (FAAS). Prof. Igbinosa is of the Department of Microbiology, University of Benin.

**PROF. MISBAUDEEN ABDUL-HAMMED** has been elected as the Deputy Dean of the Faculty of Pure and Applied Sciences. Prof. Abdul-Hammed is of the Department of Pure and Applied Chemistry, LAUTECH, Ogbomoso.

**DR. AKINDELE, ABIDEMI JAMES** has been promoted to the rank of Professor at the University of Lagos. Professor Akindele's research interest focus on Natural products Pharmacology and Toxicology. He is of the Department of Pharmacology, College of Medicine, University of Lagos.

**DR. AGUNBIADE FOLUSO OYEDOTUN** has been promoted to the rank of Associate Professor with effect from 1<sup>st</sup> October 2020. Dr. Agunbiade is of the Department of Chemistry, University of Lagos.

**DR. ISOKEN HENRIETTA IGBINOSA** has been promoted to the rank of Associate Professor. Dr. Igbinosa is of the Department of Environmental Management and Toxicology, University of Benin, Benin City.

**DR. GILBERT ADIE** has been promoted to the rank of Associate Professor with effect from 2018. Dr. Adie is of the Department of Chemistry, University of Ibadan.

**DR. ABIODUN EGBETOKUN** has been appointed as Senior Lecturer in Management, School of Leadership, Management and Marketing, De Montfort University, Leicester, UK. Dr. Egbetokun is the immediate past President of the NYA and is formerly with the National Centre for Technology Management, Ile-Ife.

## FELLOWSHIPS, GRANTS & AWARDS

### FELLOWSHIPS

#### THE FULBRIGHT VISITING SCHOLAR PROGRAM

Nigerian applicants are invited for The Fulbright Visiting Scholar Program (FVSP) tenable at U.S Institutions. Two categories of grants are offered under The Fulbright Visiting Scholar Program: Research Grants and Program and Curriculum Development Grants. Applications must be completed online at <https://ng.usembassy.gov/the-fulbright-visiting-scholar-program/>. The deadline to submit an application and all supplementary documents is **1<sup>st</sup> June 2023**.

#### THE CENTER FOR ADVANCED STUDIES FELLOWSHIP PROGRAMME 2023

The Center for Advanced Studies invites qualified candidates to apply for a fellowship programme for a period of between four weeks and three months in 2024. This scheme encourages international exchange at LMU by enabling the invitation of outstanding international scholars and scientists. Applications should be submitted based on existing or prospective cooperation with a research area at the LMU and in particular with a professor associated with it. The completed application documentation in electronic form should be submitted by **05 March 2023**. For more information on how to apply please visit: [https://www.en.cas.uni-muenchen.de/fellowship\\_program/announcement/index.html](https://www.en.cas.uni-muenchen.de/fellowship_program/announcement/index.html)

#### NEWTON INTERNATIONAL FELLOWSHIPS

The Newton International Fellowships provide access to expertise, gain new perspectives and build long-lasting collaborative relationships. The fellowship provides three years of funding to attract international early career researchers to establish and conduct their research in a UK host organisation. The scheme will close by **28 March 2023**. For more information on how to apply please visit: <https://royalsociety.org/grants-schemes-awards/grants/newton-international/>



## GRANTS & AWARD

### THE EINSTEIN FOUNDATION AWARD FOR PROMOTING QUALITY IN RESEARCH 2023

The Einstein Foundation Award for Promoting Quality in Research aims to provide recognition and publicity for outstanding efforts that enhance the rigor, reliability, robustness, and transparency of research in the natural sciences, the social sciences, and the humanities, and stimulate awareness and activities fostering research quality among scientists, institutions, funders, and politicians. The Einstein Foundation will honor successful candidates in different categories of awards: Individual, Institutional, and Early Career Award. The call for nominations & applications 2023 is open until April 30, 2023, 10:00 pm UTC. For more information on how to apply please visit: <https://www.einsteinfoundation.de/en/award/>

### THE RSTMH 2023 EARLY CAREER GRANTS PROGRAMME

The Royal Society of Tropical Medicine and Hygiene (RSTMH) welcomes applications from early career researchers and global health professionals based anywhere in the world, who have not had research funding of £5,000 (GBP) or more in their name before. This scheme offers grants of up to £5,000 (GBP) to projects on any topic related to tropical medicine and global health, from across the research spectrum of lab, translation, implementation and policy, and should take up to one year. The deadline for applications is 28 April 2023. For more information on how to apply please visit: <https://www.rstmh.org/grants>

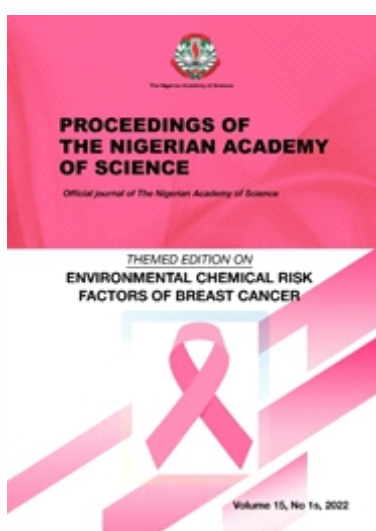
### WELLCOME CAREER DEVELOPMENT AWARDS

This scheme offers to fund mid-career researchers from any discipline who have the potential to be international research leaders. They will develop their research capabilities, drive innovative programmes of work and deliver significant shifts in understanding that could improve human life, health and wellbeing. Research funding is available for eight (8) years, but may be less for some disciplines, and longer if held on a part-time basis. Application closes on 04 April 2023. For more information on how to apply please visit: <https://wellcome.org/grant-funding/schemes/career-development-awards>

### SEED GRANT FOR NEW AFRICAN PRINCIPAL INVESTIGATORS (SG-NAPI)

The **SG-NAPI** aims to support early-career scientists in Sub-Saharan Africa, with particular emphasis on Least Developed Countries (LDCs). The deadline to apply is 24<sup>th</sup> April 2024. For more information on how to apply please visit: <https://twas.org/opportunity/seed-grant-new-african-principal-investigators-sg-napi>

## NAS CORNER



### THE PROCEEDINGS OF THE NIGERIAN ACADEMY OF SCIENCE

The Proceedings of the Nigerian Academy of Science has published its latest edition themed "**environmental and chemical risk factors of breast cancer**". Follow the link [lnkd.in/dSuxuZv5](http://lnkd.in/dSuxuZv5) to read some of the latest findings and research on this theme. You can also visit the journal website <http://www.nasjournal.org.ng> to see other editions.

## NAS WEBINAR SERIES



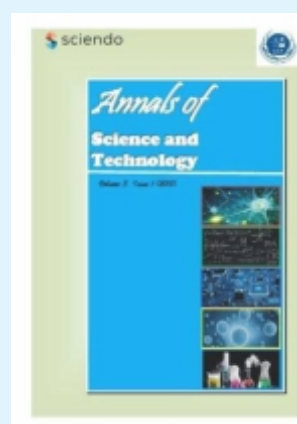
NAS held the 8th webinar in its webinar series which was themed "**Flooding in Nigeria: Why and Why Not?**" on 6th December 2022. The webinar was organised to shed light on issues of flooding in Nigeria. The webinar featured Professor Jonah Agunwamba, FAS of the Water Resources and Environmental Engineering, Department of Civil Engineering, University of Nigeria, Nsukka and Dr. Ugonna Nkwunonwo of the Department of Geoinformatics and Surveying, Faculty of Environmental Studies, University of Nigeria, Enugu Campus, Nigeria. It was moderated by Professor Oluwale Agbede FAS (Department of Civil Engineering, University of Ibadan).

### NAS HOLDS ITS 4<sup>TH</sup> SCIENTIFIC CONFERENCE

The Nigerian Academy of Science held its 4<sup>th</sup> scientific conference on the 24<sup>th</sup> -25<sup>th</sup> of January 2023 at Wells Carleton Hotel, in the Federal Capital Territory, Abuja. The conference which was themed: "**Innovation in Science and Technology for Attainment of Sustainable Development Goals in Nigeria**" featured various speakers/presenters as well as addresses and scientific presentations in the areas of the subthemes (green energy, healthcare, food security, manufacturing, etc.). Among other things the conference stressed the critical role of science in spurring attainment of the sustainable development goals, and the need for attention to be given to promoting scientific and technological innovations as it will in turn spur economic growth and sustainable development in the society. Some of the sessions of the conference are featured on the NAS YouTube channel:

<https://www.youtube.com/@thenigerianacademyofscienc3788/featured>

## 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 in many reputable outlets including Google Scholar, EBSCO Discovery Service, J-Gate, ReadCube, Baidu Scholar, CNKI Scholar (China National Knowledge Infrastructure), Naviga (Softweco), KESLI-NDSL (Korean National Discovery for Science Leaders), Naviga (Softweco), Promi Central (ExLibris), Summon (Serial Solutions/ProQuest), TDNet and WorldCat (OCLC).

AST publishes both theoretical and experimental high-quality 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 submission guidelines can be found in the link below:

<https://content.sciendo.com/view/journals/ast/ast-overview.xml>

E-print by: Nigerian Young Academy

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