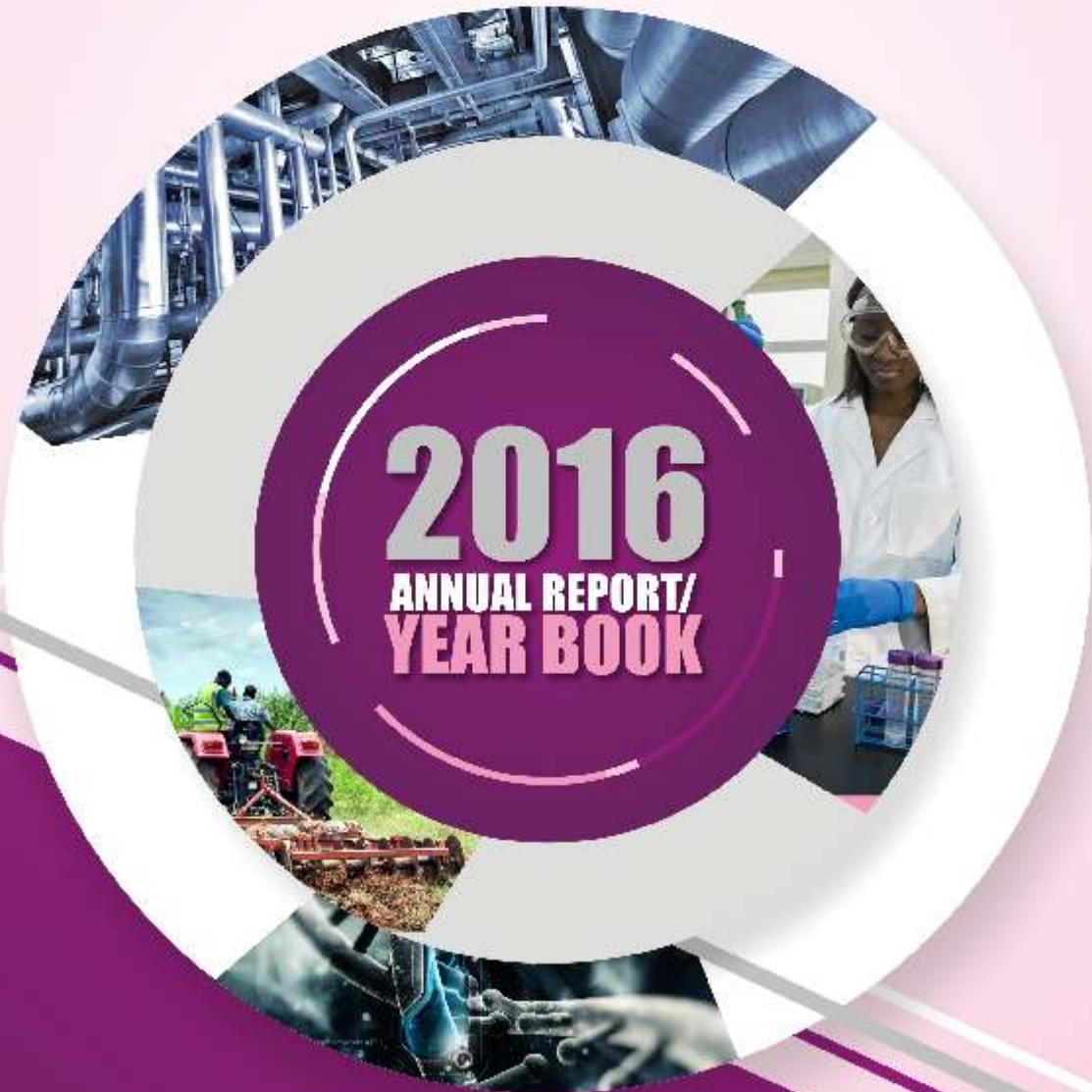




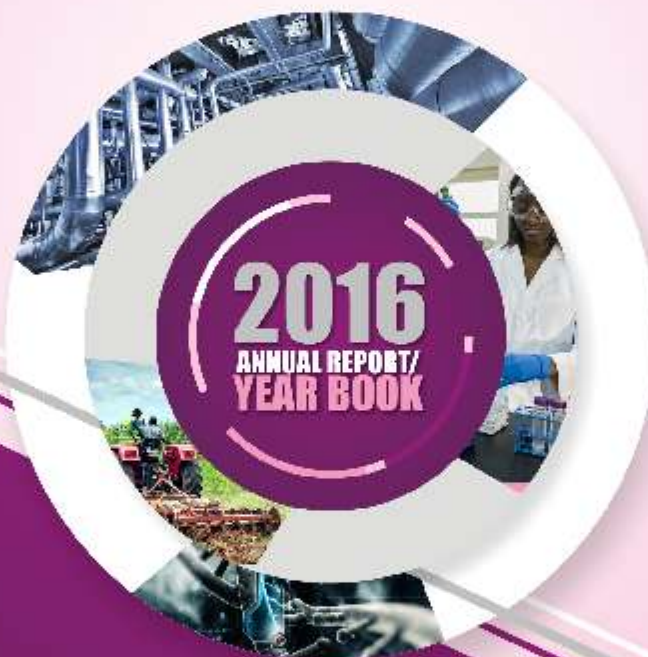
THE NIGERIAN ACADEMY OF SCIENCE



2016
**ANNUAL REPORT/
YEAR BOOK**



THE NIGERIAN ACADEMY OF SCIENCE



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Message from the President

An account of Stewardship

Four years ago, on January 26 2013, you gave me the chance, the opportunity, and the privilege to serve as the President of our distinguished Academy. It was a great honour I will always cherish. It was a task I took with seriousness and passion. I will always remember the comradeship, the companionship, the friendly and conducive atmosphere under which I have spent the last four years. I thank you all for the support you gave

The statute of the Academy focuses on promoting the growth, acquisition and dissemination of scientific knowledge. It also calls for the facilitation and use of science in the solution of problems of national interest. We have the vision of improving the quality of life of our citizens, through the promotion and application of sound science and technology. We accepted that we will be that dynamic body, that can respond to changes in society and modifying and reorganizing its structure as conditions in the society demand.

As I prepared in 2013 to assume the Presidency of the Academy, I asked a few people - colleagues and other Nigerians- about the Academy. In many instances, my question was answered with other questions - Which academy? Is it the **same as the Science Association of Nigeria? What do they do; does anybody know? Those who did not answer my question with another, made some unpalatable comments. It is a retirement home for professors. A few refused to answer, but rather suggested what we should do, if we are to be appreciated.**

- **Try and improve research funding**
- **Support the young researchers**
- **Be the voice of science in Nigeria**
- **Use the caliber and status of your Fellows to make positive changes**
- **Address the issue of plagiarism and other forms of corruption in research and academics**

If we are to fulfil our mission and keep our vision in view, it was necessary for us to first look inward and check what we needed to do better to respond to the demands of the society so that we can be socially and economically relevant

We needed to increase and positively enhance our visibility. One way was to spread our activities throughout the country by holding lectures in other locations apart from Lagos and Abuja. This will require our raising sufficient financial resources through aggressive fund raising activities - legally



Professor Oyewale Tomori, FAS
President

courting grant agencies both public and private. But perhaps more effectively, to retain the independence of the Academy, to seek alternative sources of getting funds, funded proposals, endowment etc.

Internally, we had to address the issues of specialty and gender balance, involve more Fellows in the activities of the Academy, get our sectional committees to be more active and productive, and abide by **our statutes and bye laws on issues relating to dues and activities.**

In 2013, continuing in line with the commendable efforts of previous Councils, I set out to work with the Council of the Academy to address the issues of

- ✓ **Research funding and research activities**
- ✓ **Improving laboratory capability and capacity**
- ✓ **Ethics and plagiarism and re-building the foundation for research in Nigeria**

We had some outstanding matters such as the **NAS Bill, and land for setting up a permanent site in Abuja, especially as by 2017, the Academy would be marking its 40-year anniversary.**

I wish to provide some highlights of outcome of efforts to address these issues.

- ✓ **Gender imbalance in the Fellowship**
In 2013, only 12 or 6.6% of 182 Fellows on the roster were females. As of 2016, 19 or 9.4% of 221 Fellows on the register of the Academy. This is a small progress, we need to do much more, if we must have at least 15% of Fellows being females by 2020
- ✓ **Land in Abuja**
The Academy was allocated a 4.2-acre plot of land in Abuja. Although we paid an annual grant for 2015, we are yet to receive the C of O for the land
- ✓ **NAS Bill**
We made strenuous and frustrating efforts to get the NAS bill through the National assembly. It is some efforts in progress as we are yet to achieve success
- ✓ **Increasing and enhancing NAS visibility**
On several occasions, the Academy contributed to debate on certain issues - the annual federal budget, disease prevention and control (EVD, Polio, yellow fever and other vaccine preventable diseases) GMO, education etc.

We made little progress on spreading NAS activities to other parts of Nigeria, mainly because of lack of adequate fund and resources

Let me conclude on three issues

The Year Ahead - AMASA 17

Two important events will take place this year. These are the 40th Anniversary of the founding of NAS, and the hosting in Nigeria of the AMASA-17. You will be provided detail information before the end of the AGM.

Funding the Academy

There is a looming danger of depleting our financial resources without a concerted effort to raise sufficient funds for future activities. Without each of us committing to and actively participating in



raising funds, the Academy may slowly bleed to death. If we do not reverse the current imbalance between our income and expenditure, under the economic stress in our country, Mosto Onuoha may be our last President!

Commitment of Fellows

The third and last issue concerns that of commitment to, and participation in NAS activities by Fellows. I must commend the Fellows who participate consistently in, and commit enthusiastically to the activities of the Academy. At the extreme end of non-committal and flaccid enthusiasm to the Academy are to be found a tiny fraction of (about 8-10) Fellows whose association with the Academy ended on the day of their induction. There are Fellows who enjoy the prestige and honour that the Fellowship of the Academy confers, but add no positive value to the Academy!

I thank you again for this stupendous, awesome, astounding and astonishing chance you have all given me to serve. I am the more richer and blessed by the reverence and esteem you have accorded me these past four years

Oyewale TOMORI

THE NIGERIAN ACADEMY OF SCIENCE 2016 ANNUAL REPORT

1.0 The Nigerian Academy of Science

The Nigerian Academy of Science (NAS) was established in 1977 and incorporated in 1986. The Academy is the foremost independent scientific body in Nigeria, which is dedicated to the development and advancement of science, technology, and innovation in Nigeria for the socioeconomic development of the country. It functions to bring scientific knowledge to positively guide policies/strategic direction of the country.

NAS is a national not-for-profit organisation with membership comprising 224 Fellows, elected through a highly competitive process, who have distinguished themselves in their fields both locally and internationally. Some of its members have served as Vice-Chancellors of universities, Directors-General of government parastatals, Ministers in federal ministries, etc. The Academy, given its clout, also has the ability to attract other experts from around the country and internationally when needed. NAS, with its combination of expertise and independence, is uniquely positioned to bring scientific evidence to bear on policies and program implementation in the country.

NAS is Nigeria's national representative on such bodies as the International Council for Science (ICSU) - the umbrella body for all science associations and unions - and the Inter-Academy Panel (IAP) - the umbrella body for all national science academies globally. The Academy is also a member of the Executive Committees of the Inter-Academy Medical Panel (IAMP) and the Network of African Science Academies (NASAC).

Some recent accomplishments of NAS include: 1) the development of a training manual on getting research into policy and practice; 2) the organization of an international conference on climate change in Lagos; 3) implementation of a project on linking agriculture and nutrition 4) the organization of a national consensus building workshop on the prevention of maternal and child mortality in Nigeria, 5) convening a roundtable meeting to discuss the issues related to the Ebola Virus Disease epidemic that recently affected the country and the West African region, and 6) implementing an intervention program to address the social and reproductive health issues of the youth in Ekiti and Nasarawa States of Nigeria.

1.1 Vision

The vision of the Academy is an improved quality of life for the Nigerian society through the promotion and application of science and technology.

1.2 Mission

The mission of the Academy is to strengthen the nation's ability to deliver the fruits of science to society by the acquisition, growth, and dissemination of sound scientific knowledge, and facilitation of its use in the solution of major national problems. The Academy does this by:

- a. Providing advice on specific problems of a scientific or technological nature presented to it by the government and its agencies, as well as by private organizations;
- b. Bringing to the attention of the government and its agencies problems of national interest that science and technology can help solve; and
- c. Establishing and maintaining the highest standards of scientific endeavour and achievement in Nigeria through the: organization of conferences, seminars, workshops and



symposia, publication of journals and reports, recognition of outstanding contributions to science in Nigeria through awards and prizes, development of a working relationship with other national and international scientific bodies and academies, as well as the organization of panel studies to advice on pertinent scientific issues.

1.4 Core Values

The core values of the Academy include the following:

- ❖ Merit
- ❖ Pursuit of excellence
- ❖ Credibility
- ❖ Volunteerism
- ❖ Service orientation
- ❖ Evidence-based hallmark
- ❖ Relationship-building
- ❖ Commitment

2.0 NAS Governance/Management

2.1 The 40th Council



Professor Oyewale Tomori, FAS
President/Professor of Virology



Professor Ekanem Braide, FAS
Vice President/Professor of Parasitology/
Epidemiology



Professor Temitayo Shokunbi, FAS
Treasurer/Professor of Anatomy and
Consultant Neurological Surgeon



Professor Olusegun Ekundayo, FAS
Academic Secretary/Physical Sciences.
Professor of Chemistry



Professor Adeyinka Afolayan, FAS
Academic Secretary/Biological Sciences.
Professor of Enzymology & Protein Science



Professor Andrew Jonathan Nok, FAS
Public Affairs Secretary/
Professor of Biochemistry



Professor Soga Sofola, FAS
Foreign Secretary/
Emeritus Professor of Physiology



Professor Akinyinka Omigbodun, FAS
Chairman, Publications Committee/
Professor of Obstetrics & Gynaecology



Professor Olusegun Oke, FAS
Representative, Physical Sciences/
Professor of Nutritional Chemistry.



Professor Olukayode Adebawale, FAS
Representative, Physical Sciences/
Professor of Industrial Chemistry



Professor Domingo Okorie, FAS
Representative, Physical Sciences/
Professor of Chemistry



Professor Olaitan Soyannwo, FAS
Representative, Biological Sciences/
Professor of Anaesthesia



Professor Paul Okonkwo, FAS
Representative, Biological Sciences/
Professor of Molecular and Ethnopharmacology



Professor Akintoye Coker, FAS
Representative, Biological Sciences/
Professor of Parasitology/Microbiology



Professor John Agbenin, FAS
Representative, Biological Sciences/
Professor of Soil Environmental Chemistry



Professor Mosto Onuoha, FAS
President-elect/Professor of
Pure and Applied Geophysics

2.2 The Fellowship

Fellows of the Academy are scientists with diverse expertise covering all fields of science, including engineering and medicine. The Nigerian Academy of Science is merit-based and the growth of the Fellowship is limited by the rate of increase. The annual process of election of scientists into the Academy begins with a call for nominations which is sent to all Fellows of the Academy. To be elected, scientists have to be nominated by a Fellow of the Academy, and each nomination must be endorsed by three other Fellows. Subsequently, the nominations received are assessed by the appropriate Sectional Committees of the Academy, based on each candidate's field of expertise. The top three nominees, who must attain a stipulated minimum score, are recommended to the Council for shortlisting. The Council prepares the final short list of candidates to be voted for by Fellows of the Academy. The top ten candidates, with at least 50% of total votes cast, are elected.



Fellows of the Nigerian Academy of Science at its Annual General Meeting in Lagos

2.3 The Secretariat

The operations of the Academy are coordinated by its secretariat which is based at the Academy House, 8A RansomeKuti Road, University of Lagos Campus, Akoka-Yaba, Lagos State. Staff members at the secretariat at the end of 2016 are:

Dr. Oladoyin Odubanjo	-	Executive Secretary
Mrs. Scholastica Lan	-	Program Manager
Mr. Samuel Shofuyi	-	Finance Associate/Assistant Administrative Manager
Miss Gertrude Ogieguata	-	Program Officer (Development)
Dr. Kikelomo Ogunsulire	-	Program Officer
Miss Anjola Olanipekun	-	Program Officer
Miss Mobolaji Dasaolu	-	Administrative Officer (Communications)
Mr. Nicholas Ibeh	-	Administrative Officer
Mrs. Ifeoluwa Edawole	-	Administrative Officer
Mr. Etim Idongesit	-	Office Assistant

3.0 National Events and Activities

This section provides a brief overview of some key events, involving the Academy, during the course of 2016.

3.1 Annual General Meeting

The Nigerian Academy of Science held its annual general meeting in Lagos on Thursday, 28th of January, 2016. At the meeting, the Academy's 40th Council was reconstituted.



Fellows of the Nigerian Academy of Science at the induction of new Fellows in Abuja

The members of the 40th Council are: Professors Oyewale Tomori, President; Ekanem Ikpi Braide, Vice President; Temitayo Shokunbi, Treasurer; Soga Sofola, Foreign Secretary; Akinyinka Omigbodun, Chairman, Publications Committee; Andrew Jonathan Nok, Public Affairs Secretary; Olusegun Ekundayo, Academic Secretary, Physical Sciences; Adeyinka Afolayan, Academic Secretary, Biological Sciences; and Mosto Onuoha, President-Elect. Others to serve on the Council as Representatives of the Biological Sciences are Professors Olaitan Soyannwo, Akintoye Coker, Paul Okonkwo, Sunday Atawodi, Martin Aghaji, and John Agbenin. Representatives of the Physical Sciences are Professors Olukayode Adebowale, Olusegun Oke, and Domingo Okorie.

Also at the AGM, the Academy elected 10 distinguished scientists into its Fellowship. These scientists are Professors Richard Adebayo Adegbola, Catherine Olufunke Falade, Edith Oriabure Ajaiyeoba, Mojisola Christianah Adeyeye, and Musbau Adewunmi Akanji. Others are Professors Peter Achunike Akah, Chidi Emmanuel Akujor, Olanike Kudirat Adeyemo, Timothy Isioma Odiaka, and Micah Okwuchkwu Osilike. They were later inducted as Fellows of the Academy at a ceremony on the 12th of May, 2016 in Abuja.

3.2 New President-elect

Fellows of the Academy have nominated Professor Mosto Onuoha FAS as the President-elect, and Professor Ekanem Ikpi Braide FAS as the Vice-President. Professor Onuoha is the immediate past Vice President of the Academy. He will take over from Professor Oyewale Tomori FAS as President in January 2017. This decision was taken at the Academy's Annual General Meeting held in Lagos on Thursday, 28th of January, 2016 where the report of the concerned committee was adopted.



Professor Mosto Onuoha, FAS
President-elect

3.3 Courtesy Visit to the Federal Ministry of Science and Technology

The Nigerian Academy of Science paid a courtesy visit to the Federal Ministry of Science and Technology on Friday, 12th of February, 2016. The President of the Academy, Professor Oyewale Tomori FAS, leading the NAS delegation to the Ministry, thanked the Honourable Minister, Dr. Ogbonnaya Onu, for hosting the Academy. He also commended the Minister for making science, technology, and innovation a regular feature in the news. Professor Tomori expressed his displeasure over the non-allocation of funds for research in national institutions in the recent national budgets. He explained that funding for research remains key to harnessing the nation's abundant resources. Dr. Onu in his response expressed his delight in receiving the Academy and counted it an honour to host Nigeria's foremost scientists in his office. Dr. Onu promised that the federal government would work towards reversing the situation, with respect to research funding, in the interest of national development. He also promised to revisit the publication of a science journal by NAS with the support of the FMST as well as support the Academy to promote the development of science in the country.



Minister of Science and Technology, Dr. Ogbonnaya Onu (L) receiving some publications from the President of NAS, Professor Oyewale Tomori, FAS at a courtesy visit to the Honourable Minister on Friday, 2nd of February, 2016

3.4. Meeting with legislators of the Ekiti House of Assembly

On Thursday, 4th of February 2016, a NAS delegation led by its President, Professor Oyewale Tomori FAS, visited the Ekiti State House of Assembly to discuss the State's continued partnership with the Academy. Since 2013, the Nigerian Academy of Science, in pursuit of its programme to assist in developing action plans to address youth development and reproductive health issues, has been engaging Ekiti and Nassarawa States. Professor Tomori expressed his appreciation to the House for granting NAS audience and said that the support of the House is fundamental for the success of the second project which recently commenced. The project lead, Professor Akinyinka Omigbodun FAS, stated the need for commitment from all stakeholders to ensure the success of this second phase, and the implementation of the recommendations as contained in documents produced during the first project to improve the lives of the youth in Ekiti State.

The Speaker of the House, Rt. Hon. Kola Oluwawole, thanked the Academy for choosing Ekiti State as one of only two states in which to pilot the project. He stated that the project is timely as it comes during a period when the country is faced with a myriad of challenges. He gave assurances that the House would cooperate with NAS to achieve the set objectives of the project. The Chairman of the House Committee on Women Affairs and Gender, Honourable Cecilia Dada, also declared the willingness of the women of Ekiti State as well as the entire membership of the House to work with the Academy.

Participants at this meeting included members of the Ekiti State House of Assembly, Ekiti State House of Assembly administrative staff, and others on the NAS team (Prof Fola Esan FAS, Dr Oladoyin Odubanjo, Mrs Scholastica Lan, Mr Samuel Shofuyi, and Ms Anjola Olanipekun). This project is funded by Ford Foundation.

3.5 Meeting with the Ekiti State Deputy Governor

The Deputy Governor of Ekiti State, Dr. Kolapo Olusola, welcomed the Academy team led by the NAS President, Professor Oyewale Tomori FAS, to his office in Ado-Ekiti on Friday, 5th of February 2016. Professor Oyewale Tomori thanked the Deputy Governor for granting NAS the opportunity to meet with him, while the project lead, Professor Akinyinka Omigbodun FAS gave an overview of the new project. In attendance were Prof Adeyinka Afolayan FAS, Prof Olusegun Ekundayo FAS, Prof Fola Esan FAS, Dr Oladoyin Odubanjo, Mrs Scholastica Lan, Mr Samuel Shofuyi, and Ms Anjola Olanipekun).

Dr. Olusola assured the NAS team that the Ekiti State government will continue to support the Academy's activities in the State.

Also, at the Deputy Governor's office, the Academy held an advocacy meeting with Ekiti State commissioners. The Commissioner for Information, Youth, and Sports, Honourable Olanrewaju Ogunsuyi, on behalf of the commissioners in attendance, expressed the State's eagerness to continue working with NAS. He assured the Academy that steps have been taken, following the first project, to address the needs of the youth in the State. Some of these steps include the domestication of the Child Rights Bill as well as the establishment of the Women's Development Centre.

3.6 Advocacy Visit to Nasarawa State by the Academy

The Nigerian Academy of Science led by the President, Professor Oyewale Tomori FAS, on Thursday, 24th of March, 2016 paid an advocacy visit to the Ministries, Departments, and Agencies (MDAs) in Nasarawa State. The purpose of the visit was to discuss the past project of the Academy in the State, as well as the expectations from the MDAs with regards to the implementation of the second project. The Commissioners present at the meeting expressed their gratitude to the Academy for continuing to partner with the state, and promised to ensure the successful implementation of the second project. At the meeting, the Permanent Secretary of the Ministry of Youth and Sports, Mr. Naphthali Dachor, was selected as the State Focal Person/Inter-Ministerial team coordinator.

In addition, the Governor of Nasarawa State, Mr. Umaru Tanko Al-Makura hosted the NAS President, Professor Tomori, FAS and the Academy's Academic Secretary for Physical Sciences, Professor Olusegun Ekundayo, at the State House. Also present at the meeting was the Deputy Governor of the State, Hon. Silas Ali Agara, and some legislators. Professor Tomori briefed the Governor on the purpose and outcome of the Academy's advocacy visit to the Commissioners and MDAs in the State. Issues relating to disease control and laboratory diagnosis were also discussed.

3.7 Documentary on Emerging Infections

The President of NAS interacted with students of the University of Lagos Women's Society Nursery/Primary School on infectious diseases on Thursday, 22nd of April, 2016. The interaction also involved a visit to the University of Lagos Health Centre. The event was organised and filmed as content for a video documentary to be launched at the Commonwealth Scientific Conference in 2017. The documentary was a result of a partnership between the Nigerian Academy of Science and the Royal Society of the United Kingdom.

3.8 Annual Luncheon for Science Journalists

It was a grand event for science journalists in Abuja on the 11th of May, 2016 when the Nigerian Academy of Science hosted them at her annual luncheon for science journalists. A three-time CNN African Journalist of the year, Mr. Declan Okpalaeké, was the keynote speaker at the event. He spoke on the topic 'The next phase of science reporting'. Mr. Declan Okpalaeké said that one of the factors

affecting where journalism is today is how the audience is engaged. He explained that the traditional way of science reporting is no longer enough for the next phase of science reporting. Okpalaeké suggested that capacity building as well as seeking grants for stories will help take science reporting to its next phase. He highlighted that audience engagement is paramount in the future of science reporting.

Also, at the luncheon, Mrs. Motunrayo Joel of Punch Newspaper received the Nigerian Academy of Science Prize for the Science Journalist of the Year 2015 (Print Category). Mrs. Joel's entry was titled "Ovum trading: Inside Nigeria's multi-million naira human egg business". The prize comprised of a plaque, a computer tablet, and two hundred thousand naira. Mr. Arukaino Umukoro of Punch Newspaper was the runner-up for the print category. Mr. Umukoro's entry was titled "Part 1: Kids of fortune: The six-year-olds who dare lead poisoning in Nigeria's gold mines and Part 2: Poisoned paradise: Niger communities where gold is a curse, not a blessing". He received a computer tablet and fifty thousand naira. The panel of judges reported that no entry in the broadcast category was considered worthy of this year's award.



L-R: Professor Bart Nnaji, FAS, Prince Clement Adesuyi Hastrup, Professor Gabriel Ogunmola, FAS, Professor Mosto Onuoha, FAS at the Annual Luncheon for Science Journalists held in Abuja



L-R: Professor Gabriel Ogunmola, FAS, Professor Mosto Onuoha, FAS, Professor Andrew Jonathan Nok, FAS, Mr. Umukoro Arukaino, runner-up, Print category, Ms. Motunrayo Joel, winner, NAS Science Journalist of the year 2015 (print category), Professor Oyewale Tomori, FAS, Prince Clement Adesuyi Hastrup, Mr. Declan Okpalaeké, keynote speaker, Dr. Oladoyin Odubanjo at the presentation of awards to the winners of the NAS Science prize

The yearly awards, now in its 6th year, are endowed by the Nigerian Academy of Science to promote excellence in science and science-related journalism. The entries are assessed based on creativity, originality, relevance, research, language, angles/areas covered, understanding of the subject, and information to educate. The winners, in their respective responses, with excitement, thanked the Academy for encouraging them in their pursuit of excellence in science journalism and urged other science journalists to send in their entries for future awards.

In attendance at this ceremony were some Fellows of the Academy, Prince Clement Adesuyi Hastrup- Chairman, ENL Consortium Limited; Senator (Professor) Sola Adeyeye, and journalists from different media houses in Nigeria

3.9 Induction of Ten Distinguished Scientists into the Academy

The Academy inducted ten new Fellows on Thursday, 12th of May, 2016 at Reiz Continental Hotel, Abuja. The scientists were elected at the Academy's Annual General Meeting held in January 2016. The said scientists are:



- **Professor Richard Adegbola FAS** is a professor of microbiology/bacteriology. He is one of the foremost researchers in the aetiology, epidemiology, and control of infectious diseases as well as vaccine trials. His career spanned through Lagos State University (LASU), the UK Medical Research Council Unit, and The Gambia. Professor Adegbola currently works as Global Director, Scientific Affairs & Public Health at GlaxoSmithKline Vaccines with a focus on stakeholder engagement to improve global vaccine access and vaccination coverage.
- **Professor Olanike Adeyemo FAS** is a professor of aquatic epidemiology & toxicology. She has linked ecotoxicology to the epidemiology of diseases in fish and wildlife, public health risk associated with food safety and contact with infectious diseases. She is an Eisenhower Fellow (2007), Fellow Leadership for Environment and Development (2002) and, recently, Fellow of the African Science Leadership Programme (2015). She also holds the membership of the Global Young Academy and several learned societies.
- **Professor Mojisola Adeyeye FAS** is a professor of pharmacy/pharmaceutics and manufacturing science engineering. Professor Adeyeye is the founding Chair of the Biopharmaceutical Sciences Department at the new College of Pharmacy, Roosevelt University, Illinois, USA. She was inducted into the American Association of Pharmaceutical Sciences (Fellow status) in manufacturing science engineering for her career achievements.
- **Professor Peter Akah FAS** is a professor of pharmacology at the University of Ibadan. He was an adjunct professor of pharmacology at the University of Uyo, and Nnamdi Azikiwe University Awka, as well as a Consultant Pharmacologist to UNDP, NIPRD, and NAFDAC.
- **Professor Musbau Akanji FAS** is a professor of biochemistry from the Obafemi Awolowo University. He was the pioneer Vice-Chancellor of Al Hikmah University, Ilorin (2005-2008), and is currently the Vice Chancellor of the Federal University of Technology, Minna.
- **Professor Chidi Akujor FAS** is a professor of physics at the University of Nigeria, Nsukka. Professor Akujor is a Fellow, Royal Astronomical Society, UK; Fellow, Nigerian Institute of Physics; Fellow, Solar Energy Society of Nigeria and is currently the President, Renewable and Alternative Energy Society of Nigeria and the Astronomical Society of Nigeria. He is also the National Liaison Officer (Nigeria) for the International Astronomical Union.
- **Professor Edith Ajaiyeoba FAS** is a professor of pharmacognosy at the University of Ibadan. Professor Ajaiyeoba is currently Professor and Head of Department of Pharmacognosy, Faculty of Pharmacy; Chair, Plant Use and Conservation Ethics Committee and Head, Phytomedicine Research, IAMRAT, College of Medicine, University of Ibadan. She is a leading Nigerian female natural product chemist cum pharmacognosist.
- **Professor Catherine Falade FAS** is a professor of pharmacology & therapeutics at the University of Ibadan. She holds the Fellowships of both the West Africa and National Postgraduate Medical Colleges and a Master of Science degree in Pharmacology. Professor Falade is known worldwide in the field of malaria research where she continues to make significant contributions nationally and internationally.
- **Professor Timothy Odiaka FAS** is a professor of organometallic chemistry at the University of Ibadan. Professor Odiaka is a Chartered Chemist, a member of the Royal Society of Chemistry, London (1980), and a Fellow of the Institute of Chartered Chemists of Nigeria (2004).
- **Professor Micah Osilike FAS** is a professor of mathematics at the University of Nigeria, Nsukka (UNN). Professor Osilike holds a B.Sc. (1st class honours), M.Sc., and Ph.D. in Mathematics from the University of Nigeria, Nsukka (UNN); and DICTP in Mathematics from the Abdus Salam International Centre for Theoretical Physics (AS-ICTP), Trieste, Italy. He has been a great asset to the Nigerian Mathematical Society where he was President from 2011-

2015. He has been a regular Associate of the AS-ICTP, Trieste, Italy for two terms, and he was a member of the University of Nigeria Governing Council (2009-2013). He is currently the Director, Academic Planning at UNN.

3.10 Public Lecture on Transboundary Animal Diseases

A public lecture, titled 'The battle against transboundary animal diseases in Nigeria and some West African countries', was delivered by Professor Timothy .U. Obi FAS. Prof Obi is a Professor of Veterinary Medicine at the College of Veterinary Medicine, University of Agriculture, Makurdi, Benue State. The lecture preceded the 2016 induction ceremony for new NAS Fellows. Present at the event were some Senators of the National Assembly Abuja. They are Senators (Professor) Olusola Adeyeye, Daniel Anthony, Adetumbi, Ayeni Odunayo, and Edwin Ikhinmwin. Other participants include some directors of Federal Government agencies, journalists from Nigerian media organizations and the general public.



Cross section of dignitaries at the public lecture on 'The battle against transboundary animal diseases in Nigeria and some west African countries' held in Abuja

3.11 Workshop for Early Career Female Scientists

The Nigerian Young Academy (NYA), held a workshop on capacity building for young (early-career) women academics in Nigeria on the 15th and 16th of June, 2016 at the Alumni Building of the College of Medicine, Lagos University Teaching Hospital, Idi-Araba, Lagos. The immediate past President of NAS, Professor Oye Ibidapo-Obe FAS, represented the Academy at the opening ceremony. Also, Professor Olanike Adeyemo FAS was at the event and spoke on 'Membership, mentoring, peer, and mentor motivation', while the NAS Executive Secretary, Dr. Oladoyin Odubanjo, delivered a lecture on 'Effective leadership, motivation for excellence and strategies for excelling'. Other speakers/participants at the workshop included the Provost, College of Medicine University of Lagos, Professor Folasade Ogunsola, Director, Centre for Gender and Development Studies, Ekiti State University, Professor Olabisi Aina, representatives from the US Diplomatic Mission Nigeria, USPAS Nigeria, and members of the NYA. The workshop received support from the US Embassy, the Nigerian Academy of Science and the College of Medicine, University of Lagos,

3.12 Meeting of NAS with Science Associations in Nigeria

In 2015, the Nigerian Academy of Science (NAS) in partnership with the Science Association of Nigeria (SAN) organized a National Science Summit held in Abuja. To build on the momentum of the 2015 summit and to ensure that stakeholders in the scientific community remain engaged in a collective push for scientific development in Nigeria, the NAS organized another meeting with Nigerian science associations in Lagos on Wednesday, 10th of August, 2016.

The Academy's President-elect, Professor Mosto Onuoha FAS, welcomed all participants. In his remarks, he stressed the importance of such a gathering in ensuring that science makes meaningful impact in Nigeria as the solutions to most of the problems that plague the country lie in science, technology, and innovation (STI). The President of SAN, Professor Moji Bakare-Odunola, expressed her delight to be part of the event and called for a unified voice for science and scientists in Nigeria and an undeterred crusade to guarantee that Nigerians reap the dividends of science.

Also in attendance at the meeting were Professors Temitayo Shokunbi FAS, Adeyinka Afolayan FAS and Babajide Alo FAS, representatives of science associations in Nigeria, and a delegation from the Science Association of Nigeria (SAN).

The meeting recommended that the National Assembly should institute a 'NAS day' to give scientists, led by NAS, the opportunity to meet with policymakers. In addition, a NAS Library at the National Assembly should be instituted where scientific information written in simple language would be easily accessible to the policymakers.

3.13 Academy Enlightens the Public on the Threat of Yellow Fever Outbreak

Yellow Fever is a potential danger to Nigeria, especially with the current incidents in some parts of Africa. Hence, Nigeria needs 101,298,992 Yellow Fever vaccine doses for the population at risk. In view of this, the Nigerian Academy of Science hosted science journalists at a media roundtable on 'The threat of yellow fever in Africa'. This was held on Thursday, 18th of August, 2016 at its national secretariat in Lagos.

The President of the Academy, Professor Oyewale Tomori FAS, a renowned virologist told journalists at the event that Nigerian health authorities are launching an immediate response to strengthen surveillance and immunization efforts. The MD/CEO of May & Baker Nigeria Plc, Mr. Nnamdi Okafor, gave a goodwill message from May & Baker and also spoke on 'the challenges of local vaccine production'.

Professor Tomori said that some of the strategies for yellow fever control include risk assessment, introduction of yellow fever vaccine in routine immunization, as well as preventive mass vaccination campaign.

The media roundtable also built the capacity of science journalists on how to report on preparedness for disease prevention and control. This helps to increase collaboration between scientists and the media to ensure that the public is accurately and adequately informed on pertinent science matters.

3.14 NAS hosts TWAS ROSSA Regional Conference and NYA General Assembly

The Nigerian Academy of Science and The World Academy of Science Regional Office for Africa (TWAS-ROSSA), on the 23rd and 24th of August, 2016 collaborated with the Nigerian Young Academy (NYA) in Lagos to host the Young Scientists Regional Conference themed "Inclusive growth and sustainable development in Africa: The role of young academies".



Participants at the TWAS-ROSSA Young Scientist's Conference and 6th General Assembly of The Nigerian Young Academy (NYA) jointly hosted by NAS on the 23rd and 24th of August, 2016 in Lagos.

The Young Scientists Conference presented an opportunity for stakeholders, professionals, experts, scholars, academics and researchers to deliberate on "inclusive growth and sustainable development" in Africa within the framework of the Agenda 2063 of the African Union.

In his keynote address, the Honourable Minister of Science and Technology, Dr. Ogonnaya Onu, called for the adoption of policies that would promote inclusive growth. Dr. Onu, who was represented by the Director General of the Federal Institute of Industrial Research, Oshodi, (FIRO), Dr. Gloria Elemo, said such policies should be tailored towards creating opportunities for vulnerable groups, including women and youths.



Professor Oyewale Tomori, FAS and Dr. Emmanuel Odjajare, President of the Nigerian Young Academy (NYA) after signing MoU with the Academy

The Governor of the Central Bank of Nigeria, Mr. Godwin Emefiele, represented by Dr. Polycarp Ishaqu, spoke on 'Financial institutions in Africa and the realization of inclusive growth and sustainable development'.

Also participating in the conference were the NAS President, Professor Oyewale Tomori FAS, and Professor Aderemi Kuku FAS (the President of the African Academy of Sciences).

Participants at this conference include members of other young academies in Africa, researchers, postgraduate students, managers and policy makers, research administrators, staff of research councils and agencies, and the media.

3.15 Public Lecture at FUPRE

The Nigerian Academy of Science, on Tuesday, 11th of October, 2016, organized a public lecture titled 'Source Rocks and Sorcerers: Decoding the origin of the Niger Delta Petroleum' and which was delivered by Professor Chidi .A. Ibe FAS, Professor of Oceanography at the University of Port Harcourt and NUC Distinguished Scholar in diaspora. The event was held in collaboration with and at the Federal University of Petroleum Resources, (FUPRE) Effurun, Delta State.

The Academy's delegation also paid a courtesy call to the Ovie of Uvwie Kingdom, HRM Emmanuel Sideso Abe1 in his palace, prior to the lecture.



Cross section of participants at the public lecture on 'Source Rocks and Sorcerers: Decoding the origin of the Niger Delta Petroleum' held in collaboration with Federal University of Petroleum Resources, (FUPRE) Effurun, Delta State

3.16 Launch and Presentation of Family Life Health Education Curriculum in Ekiti State

In its aim to mainstream the promotion of life skills, livelihood, and social development of the youth into the broader development agenda in Nigeria, the Academy has been engaged with Ekiti and Nasarawa state governments in a youth development & reproductive health project. As part of this project, the Nigerian Academy of Science was hosted by the Governor of Ekiti State, Mr. Ayodele Fayose, on Tuesday 4th of October 2016 at the launch and public presentation of the state's Family Life

and Health Education (FLHE) document at the Fountain Hotel, Ekiti State. The curriculum was revised/developed with assistance from the Academy.

Governor Fayose who was represented by the Commissioner for Finance, Chief Toyin Ojo, reiterated that the project was a laudable one. He thanked the Academy as well as the Ford Foundation (project sponsors) for



selecting Ekiti as one of the pilot states for the project in the country. Before the official launch of this FLHE curriculum and presentation to the general public, Governor Fayose commended NAS for spearheading such projects and promised the commitment of Ekiti State in providing any necessary assistance to ensure the successful implementation of the project.

The first project was executed between 2013 and 2015 and included a needs assessment and the publishing of action plans to address the needs identified. The second project involves implementing some of the activities in the action plan published in the earlier project; this particularly includes training teachers in Family Life and Health Education (FLHE) and training middle and senior level managers in Getting Research into Policy and Practice (GRIPP).

Participants at the event include the NAS team led by Professor Fola Esan FAS, the Project Liaison in Ekiti State, Professor Akinyinka Omigbodun FAS, the Project lead, Professor Kayode Ijadunola (the consultant engaged to train on Getting Research Into Policy and Practice (GRIPP)), Dr. Kayode Osungbade (the consultant engaged to develop the FLHE Curriculum), state officials and teachers, the media, and the general public.

The documents can be downloaded on the Academy's website www.nas.org.ng

3.17 Training workshops for Ekiti State officials

The Academy organised training workshops for Ekiti State officials on Getting Research Into Policy and Practice (GRIPP) and for teachers on the newly adopted Family Life and Health Education (FLHE).

The GRIPP training took place on the 5th and 6th of October 2016 and was conducted by Professor Kayode Ijadunola and his team. In attendance were 42 participants (senior and mid-level officials) selected from different ministries and agencies in the State.

The FLHE training was held on the 6th and 7th of October, 2016, and was conducted by Dr Kayode Osungbade and his team. The FLHE training was a 'training of trainers' workshop for 30 teachers selected from secondary schools around Ekiti State.

3.18 Launch and presentation of Family Life Health Education Curriculum in Nasarawa State

The Nigerian Academy of science (NAS) has been engaged with the Ekiti and Nasarawa state governments in a youth development & reproductive health project. In view of this, a launch of the Nasarawa State Family Life Health Education (FLHE) Curriculum which was developed by the

Academy was held on Tuesday, 6th of September 2016 in Lafia, Nasarawa State. The Curriculum was launched and presented to the general public by the Secretary to Nasarawa State Government, Ambassador Umar Suleiman Azores, who represented the Deputy Governor, Mr. Silas Ali Agara.



Group picture with students at the Family Life and Health Education (FLHE) launch in Nassarawa State on the 6th of September,2016

At the event, the Vice President of the Academy, Professor Ekanem Braide FAS, welcomed all participants. The Project Liaison in Nasarawa State, Mr. Naphtali Dachor, was also in attendance to welcome the participants. Professor Akinyinka Omigbodun FAS, the Project Co-ordinator, gave an overview of the project, its goals and objectives, significance to the youth in Nasarawa, as well as the project activities implemented so far.

Also at the event, the project consultants Dr. Tinuade Oyeboode and Dr. Jesse Uneke made presentations on the importance of the FLHE curriculum/Adolescent and Youth Friendly Health Services (AYFHS), and evidence-based policy making respectively.

Following the launch, the Deputy Governor of the State, Mr. Silas Ali Agara, hosted the NAS team and the project consultants at his office where the Academy's Vice President officially presented the FLHE curriculum to him. He gave assurances of the State government's continued support of the project in the State.

Participants at the launch included the NAS delegation, officials from government ministries, departments and agencies (MDAs), representatives from Federal University Lafia, civil society organizations, the general public, and members of the press.

The documents can be downloaded on the Academy's website www.nas.org.ng

3.19 NAS trains officials of Ministries, Departments, and Agencies(MDAs) in Nasarawa State

The Academy organized a training workshop on 'Getting Research Into Policy and Practice (GRIPP)' for officials of MDAs in Nasarawa State on the 7th and 8th of September 2016. The training was facilitated by Dr. Uneke, the Project Consultant on GRIPP for Nasarawa State.



The training modules include leadership and development, policy formulation and implementation process, research priority setting, building blocks for writing proposals and policy briefs, and inter-sectoral collaboration in policy making and implementation. Participants at the training pledged to continue fostering intersectoral collaboration across MDAs in the State.

The officials in attendance were from relevant MDAs including, the Ministry of Information and Culture, Ministry of Education, Ministry of Budget and Planning, Ministry of Special Education and Science and Technology, Ministry of Youth and Sports, Ministry of Health, Ministry of Women Affairs and Social Development, State Primary Health Care Development Agency, as well as the Bureau of Science and Technical Education.

Simultaneously with the GRIPP training, a Training of Trainers (ToT) for teachers on Family Life and Health Education (FLHE) was also held. This training was facilitated by Dr. Oyeboode, the FLHE Consultant for Nasarawa State and Mr. Samuel Omirinde, as co-facilitator.

The ToT covered thematic areas which include human development, personal skills, adolescent health and sexuality, relationships, society and culture, as well as Adolescent and Youth Friendly Health Services (AYFHS). The training featured practical demonstrations with extensive discussion sessions. The teachers stated that it was the first of its kind organized in the State; and requested the State government to organize a central FLHE ToT for all the schools in the State.

The documents can be downloaded on the Academy's website www.nas.org.ng

3.20 Roundtable on Genetically Modified Organisms (GMO)



Participants at the stakeholders roundtable on Genetically Modified Organisms (GMO) held in Lagos

The application and regulation of Genetically Modified Organisms (GMOs) is one of the most highly debated issues globally. These organisms have several potential applications, especially in agriculture, medicine, and industry.

Thus, NAS, in collaboration with the National Biotechnology Development Agency (NABDA) and the National Biotechnology Management Agency (NBMA) convened a stakeholders' roundtable to discuss the use of GMOs in Nigeria on Tuesday the 15th of November 2016 in Lagos.

This roundtable raised the awareness of issues related to GMOs, their use, and regulation in Nigeria. Also discussed was the evidence for or against the use of GMOs; and the aim was to foster collaboration/ communication between relevant stakeholders.

Participants included scientists from different institutions in Nigeria and representatives of some key professional associations and institutions, stakeholders from the Science Association of Nigeria, the Nigerian Young Academy (NYA), and some Fellows of the Nigerian Academy of Science



Cross section of journalists at the media roundtable on Genetically Modified Organisms (GMO) in Nigeria held in Lagos

Given that the adoption of GMOs by Nigeria is not just a scientific issue; but one with economical, social, and ethical ramifications, participants at the roundtable suggested that despite the lack of satisfactory evidence regarding the adverse effects of GMOs, the Nigerian scientific community should carry along all relevant stakeholders including opponents of GMOs and biotechnology in building consensus. It was noted that the adoption of new technologies is usually resisted: the adoption of GMOs in the agricultural sector in Nigeria is causing ripples now though it has been in use medically (e.g. injectable insulin) for years. It was concluded that a conducive environment for local research on the issue should be a top priority for Nigeria and that the relevant agencies must be properly resourced to ensure adequate regulation and long-term monitoring of the impact of GMOs in Nigeria.

3.21 Media Roundtable on Genetically Modified Organisms (GMO)

A genetically modified organism (plant, animal, or microorganism) is an organism which has been altered by introducing potentially useful genes from another organism through molecular techniques. The application and regulation of Genetically Modified Organisms (GMOs) is one of the most highly debated issues globally. In view of this, the Nigerian Academy of Science collaborated with the media to ensure that evidence-based information on GMOs is accurately and adequately disseminated to the public.

Journalists were hosted at a media roundtable on GMOs in Nigeria on Wednesday, 16th of November, 2016 at the Academy's conference room in Lagos.

Professor Oyebiodun Longe FAS (Professor of Nutritional Biochemistry at the Department of Animal Science, University of Ibadan) addressing participants on GMO use in Nigeria advised that the technology of genetic modification should be carefully developed and applied to meet needs in relation to health, food, and environment for sustainable development. She also emphasized the need to fund local independent research on the issue.



L-R: Professor Grace Longe, FAS, Dr. Oladoyin Odubanjo, Professor Oyewale Tomori, FAS, Professor Effiom Ene-Obong, FAS, Professor Isaac Adeyemi, FAS after engaging journalists at a media roundtable on GMO in Nigeria

Participants at the media roundtable include the President of NAS, Professor Oyewale Tomori FAS, Professor Effiom Ene-Obong FAS, Professor Isaac Adeyemi FAS and journalists from different media organizations in Nigeria

3.22 NAS works with National Biotechnology Development Agency (NABDA)

The Nigerian Academy of Science's representative, Professor E. E. Ene-Obong FAS, attended a stakeholders biotechnology roundtable workshop organized by the National Biotechnology Development Agency (NABDA) in collaboration with the Open Forum on Agricultural Biotechnology (OFAB) in Africa, Nigeria Chapter on the 29th July 2016 at the NABDA Headquarters, Abuja. The workshop was to further engage key stakeholders on the adoption of the GMOs in Nigeria.

4.0 International activities and events – 2016

This section provides a brief overview of some international events/activities, involving the Academy, during the course of 2016.

4.1 E.S. of NAS serves on ING SA Africa Committee

The Executive Secretary of the Nigerian Academy of Science, Dr. Oladoyin Odubanjo, has been nominated to serve on the Africa Steering Committee established by the International Network for Governmental Science Advice (INGSA). The INGSA (established by the International Council for Science (ICSU)) set up the said committee to coordinate the its activities in Africa. The Africa Chapter committee was inaugurated sequel to a workshop on February 26th to 27th 2016 in Hermanus, South Africa. Other members of this committee include Christian Acemah (Uganda), Tolullah Oni (South Africa), Sameh Soror (Egypt), and Renee Street (South Africa).

INGSA provides a forum for policy makers, practitioners, academies, and academics to share experience, build capacity, and develop theoretical and practical approaches to the use of scientific evidence in informing policy at all levels of government. It is supported by the International Council for Science (ICSU) and UNESCO.



Professor Oyewale Tomori, FAS, Professor Fola Esan, FAS, Dr. Oladoyin Odubanjo at the Inter-Academy Panel (IAP) conference on Sustainable Development Goals for 2nd of March, 2016 in South Africa

4.2 Nigerian Young Physician attends IAMP YPL 5th year reunion, Geneva Switzerland

Dr Awowole Ibraheem was nominated to attend the IAMP Young Physician Leaders programme at Berlin in 2014 by the Nigerian Academy of Science. This year, he attended the IAMP YPL 5th year reunion between 20th-24th of May, 2016 in Geneva, Switzerland. The event was held in conjunction with the World Health Assembly. Dr. Awowole is a Lecturer/Honorary Consultant at the Department of Obstetrics and Gynaecology, Obafemi Awolowo University & Obafemi Awolowo University Teaching Hospital, Ile-Ife, Osun State

4.3 NAS Nominee attends 6th IAMP YPL, Berlin Germany

Dr Oluwasomidoyin Bello, a Consultant Obstetrician at the University College Ibadan, attended the 6th Young Physician Leaders workshop of the Inter-Academy Medical Panel (IAMP), as a nominee of the NAS. She was one of 24 selected participants from 21 countries. The workshop was held along with the 8th World Health Summit between the 6th and 11th of October in Berlin, Germany.

4.4 Harnessing Modern Agricultural Biotechnology for Africa's Economic Development

The communication event to publicly present the Network of African Science Academies' (NASAC) report on biotechnology was held at the Intercontinental Hotel in Addis Ababa on the 21st and 22nd of April 2016. Prof Oyebiodun Longe FAS, who chairs the NAS Sectional Committee on Agriculture, represented NAS at the event. She was also one of the reviewers of the said report.

4.5 First Global Science-Policy Forum, Nairobi Kenya

Prof Jide Alo FAS represented the Nigerian Academy of Science at the first Global Science-Policy Forum of the United Nations Environment Programme (UNEP) which was held on the 19th and 20th of May 2016 in Nairobi.

4.6 10th Anniversary of Hassan II Academy of Science and Technology, Rabat Morocco

The 10th anniversary of the Hassan II Academy of Science and Technology of Morocco was held in Rabat, Morocco from the 16th to the 18th of May 2016. In attendance was the President of the Nigerian Academy of Science, Prof Oyewale Tomori. He also attended the meeting of the Executive Board of the Network of African Science Academies (NASAC) which was hosted by the Hassan II Academy during the period.

4.7 NAS elected as co-Chair by Inter Academy Partnership for Research (IAP-R)

The President of NAS, Professor Oyewale Tomori FAS is serving as co-Chair of the Inter Academy Partnership for Research (IAP-R) project on Harnessing Science, Engineering, and Medicine to Address Africa's Challenges. The other Chairman is Prof Robin Crewe who is a former President of the Academy of Sciences of South Africa (ASSAf). The IAP-Research Board had approved this project to be undertaken in partnership with the Institute for Advanced Study. The project is funded by the Carnegie Corporation of New York.

4.8 Women for Science workshop by Network of African Science Academies' (NASAC)

Professor Peace Chinedum Babalola FAS served as a NAS representative on the Network of African Science Academies' (NASAC) Women for Science's (WfS) Working Group (WG). With funding support from the Inter Academy Panel (IAP), Professor Babalola attended the first meeting of the WfS-WG on the 4th and 5th of August, 2016 in Nairobi, Kenya.

4.9. Advancing Ocean Sciences in African (Town), Mauritius

Professor Chidi Ibe FAS represented NAS at a roundtable on Ocean Sciences hosted by the US Department of State, from 25-26 July 2016, in Mauritius. Given the importance of the oceans to the continent, the goal of the workshop was to bring together African scientists to discuss ways to grow relevant scientific capacity and to ensure that scientific knowledge is available to inform public understanding and policy.

4.10 Launch of NASAC Policymakers booklet on climate change, (Town), Mauritius

The Network of African Science Academies (NASAC), Academy of Science of South Africa (ASSAf), the Leopoldina (German academy) and the Mauritius Academy of Science and Technology hosted a communication event to publicly present the policymakers booklet on climate change adaptation and resilience in Africa. The event took place in Mauritius on the 4th and 5th of July 2016 and had in attendance Dr Oladoyin Odubanjo, the Executive Secretary of NAS. Dr Odubanjo was one of the authors of the booklet, and especially the chapter on climate change and health.

4.11 NAS represented at the NASAC-IAP conference, Nairobi, Kenya

Professors Grace Oyebiodun Longe FAS and Tola Atinmo FAS attended the NASAC-IAP Food and Nutrition Security and Agriculture (FNSA) expert panel workshop in Nairobi, Kenya on the 9th and 10th of May, 2016. The event was organized with funding support from the Inter-Academy Partnership (IAP) and the German Ministry of Education and Research (BMBF) through the German National Academy of Sciences (Leopoldina).

4.12 NAS attends IAP for health General Assembly

The Nigerian Academy of Science attended the IAP/IAMP/IAC merger General Assembly as co-organizers of the conference on the 25th of September, 2016 at Beijing, China. The meeting was hosted by the Chinese Academy of Engineering and was held at the Beijing Conference Center. The Academy



was represented by the President, Professor Oyewale Tomori FAS and Professor Fola Esan FAS. At the meeting, the merger of the IAP, IAMP, and IAC was agreed to form the Inter-Academy Partnership.

4.13 NAS co-sponsors activity with the National Academy of Science and Technology, Philippines (NAST PHL)

The Nigerian Academy of Science collaborated with The National Academy of Science and Technology, Philippines (NAST PHL) and the Inter Academy (IAP) Partnership for Health to conduct a two-day workshop entitled "ADDRESSING INEQUITIES IN HEALTH: FOSTERING ACTION ON SOCIAL DETERMINANTS". This was held on October 3-4, 2016 at The Manila Hotel, One Rizal Park, Manila. Other collaborators at the event are the Philippine Council for Health Research and Development (PCHRD), the Academy of Sciences Malaysia, and the University of the Philippines, Manila.

4.14 NAS completes term on IAMP Executive Committee

Professor Fola Esan FAS, as representing NAS, completed his term as a member of the Executive Committee of the IAMP.

News on Members

1. Professor Anya .O. Anya FAS celebrated his 79th birthday on Thursday, 28th of January, 2016. The 31st Center for Value Leadership's (CVL) Leadership Without Title (LWT) tribute colloquium was held in his honouring Lagos. Professor Anya is a past President of the Academy.
2.
 - a). Professor Oyewale Tomori FAS was 70 years old on Wednesday, 3rd of February, 2016. This was celebrated at the annual public lecture series in honour of Pastor Enoch Adeboye, where Professor Tomori gave a lecture titled 'Vision and vision carriers' in Lagos.
 - b). Professor Oyewale Tomori FAS has been honoured with the lifetime achievement award at the African Society for Laboratory Medicine (ASLM) 2016 conference. The ASLM 2016 conference is the third biennial international conference of ASLM held in Cape-Town, South Africa between the 3rd and 8th of December, 2016. The conference brought together key players in the global health community to tackle some of the most critical health challenges of our time. Professor Tomori who was described as "a true champion of laboratory medicine in Nigeria, Africa and the world" in his acceptance speech as he took the Lifetime Achievement Award suggested that there is no longer the need to build capacity in Africa, as Africa already has the capacity; but there will be the need to enable Africa's capacity to function effectively. Some participants at the conference include the Regional Director of WHO/AFRO, Moeti Tshidi, Minister of State for Health, Dr. Osagie Ehanire, Dr. Patrick Nguku of the Nigerian FELTP, Dr. Chikwe Ihekweazu - CEO Nigerian CDC, and Professor Alash'le Abimiku, ASLM Chair. Professor Tomori is the Academy's President.
 - c). Professor Oyewale Tomori was elected as an international member of the US National Academy of Medicine, class of 2016. The only other Nigerian member is Professor Adetokunbo Lucas, also a NAS Fellow.
3.
 - (a) Professor Ekanem Ikpi Braide FAS completed her five-year tenure as Vice Chancellor of Federal University, Lafia on Monday, 15th of February, 2016.
 - (b) Professor Ekanem Braide FAS represented the Academy at the 9th annual forum of the laureates of the Nigerian National Order of Merit (NNOM), the award winners' lecture and

investiture 2016. The meetings which were held in Abuja between the 29th of November, and the 1st of December, 2016 was declared open by the President of the Federal Republic of Nigeria, Muhammadu Buhari. Professor Braide is the Academy's Vice President.

4. Professor Idris Mohammed FAS was invited by the President of Gambia, who is also the Chancellor of the University of Gambia to assess professors of medicine in the University; and also to be a guest at the convocation ceremonies of the university.
5. Professor John .C. Amazigo FAS was conferred with the title of Emeritus Professor by the University of Nigeria. The event was held on Saturday, 20th of February, 2016 at a colourful ceremony presided over by the Chancellor of the University, Oba Adeyeye Enitan Ogunwusi (The Oni of Ife).
6. Professor Cajetan Okeke FAS was conferred with the title Emeritus Professor by the University of Nigeria on Saturday, 20th of February, 2016.
7. Professor Charles Okafor FAS was conferred with the title Emeritus Professor of the University of Nigeria on Saturday, 20th of February, 2016.
8. Professor Emmanuel .C. Okafor FAS was conferred with the title Emeritus Professor of the University of Nigeria on Saturday, 20th of February, 2016.
9. Professor Paul .O. Okonkwo FAS was conferred with the title Emeritus Professor of the University of Nigeria on Saturday, 20th of February, 2016. Professor Okonkwo is on the NAS Council as a Representative, Biological Sciences.
10. Professor Tolu Odugbemi FAS successfully completed his tenure as the foundation Vice Chancellor of the Ondo State University of Science and Technology (OSUSTECH). He was employed by the Governor of Ondo State, Dr. Olusegun Mimiko to salvage the institution from pre-mature death in 2010 as a result of its inability to start operation three years after being issued an operating license by the National Universities Commission (NUC). He has written and launched a book on his experience titled, Experience on starting a new university in a developing country setting, Nigeria- OSUSTECH...
11. Professor Oye Ibidapo-Obe FAS completed his five-year tenure as the Vice Chancellor of Federal University Ndufu-Alike Ikwo, Ebonyi State. He was also appointed to a High-Level African Panel on Emerging Technologies (APET) by NEPAD and the African Union (AU). The Panel is to advise the Union, its various organs, and Member States and on harnessing emerging technologies. Professor Ibidapo-Obe is the immediate past president of the Academy.
12. Professor Babajide Alo FAS successfully completed his tenure as the Deputy Vice-Chancellor (Academics and Research) at the University of Lagos. A public lecture/grand reception was held in his honour on the 7th of April, 2016. He was also appointed a distinguished Professor by the University of Lagos on Wednesday, 30th of November, 2016 in recognition of his continuing excellent scholarly contributions and academic leadership in the University; and for bringing distinction to the University through contributions in promoting and advancing knowledge in the society from quality research, teaching and mentoring of young scholars. The formal investiture ceremony will be held on Thursday January 26th, 2017 during the last day of the University's 2016 Convocation Ceremonies.



13. Emeritus Professor Babatunde Onadeko FAS attained the age of 80 on the 14th of Nov, 2016. He was also appointed Emeritus Professor by the University of Ibadan.
14. Professor O.J. Eze-Uzoamaka FAS passed away peacefully in his sleep on Friday, 14th of October, 2016 and was buried in his hometown, Obinocha Nkwerre, on the 24th of November, 2016. Professor Eze-Uzoamaka was an erudite professor of civil engineering.
15. Emeritus Professor Soga Sofola FAS has been elected as the President of the 'African Association of Physiological Sciences' (AAPS) at its 7th International Conference. Over 250 delegates from Nigeria and some African Countries including members of the executive were present at the conference. Emeritus Professor Sofola is the Academy's Foreign Secretary
16. Professor. Richard Adegbola FAS has been recognized as one of the 'Pneumonia Fighters: Hidden Heroes Fighting a Silent Killer' by the Pneumonia Innovations Team for his major contributions to reducing the significant threat pneumonia poses to children under 5.
17. Professor Peace Babalola FAS was selected to become a member of the Strategy Working Group (SWG) for the important task of developing a strategy which will guide the future organization resulting from a possible merger of the International Council for Science (ICSU) and the International Social Science Council (ISSC).



APPENDIX

LIST OF FELLOWS SINCE INCEPTION

S/N	FELLOWS	SPECIALTY	GENDER	YEAR INDUCTED
1	Adegbola, Anthony A.*	Animal Science	Male	1977
2	Adegoke, O. Sylvester	Geology	Male	1977
3	Akinrele, I.A.	Industrial Chemistry	Male	1977
4	Awachie, J.B.E.*	Zoology	Male	1977
5	Awe, Olumuyiwa	Physics	Male	1977
6	Bassir, Olumbe*	Nutrition & Biochemistry Toxicology	Male	1977
7	Chijioko, Mark O.	Electrical Engineering	Male	1977
8	Emovon, Emmanuel U.	Chemistry	Male	1977
9	Ette, A.I.I.	Physics	Male	1977
10	Fabiyi, Akinyele*	Virology	Male	1977
11	Francis, Theodore Idibiye*	Medicine	Male	1977
12	Ige-Grillo, T. Adesanya*	Anatomy	Male	1977
13	Maduemezia, Awele	Physics	Male	1977
14	Lucas, Adetokunbo O.	International Health	Male	1977
15	Obi, Chike*	Mathematics	Male	1977
16	Ogan, Agu U.	Biochemistry	Male	1977
17	Ogunlesi, Theophilus Oladipo	Medicine	Male	1977
18	Okigbo, Bede Nwoye	Agronomy	Male	1977
19	Onwumechili, Cyril Agodi	Physics	Male	1977
20	Oseni, Anthony Momodu*	Forestry	Male	1977
21	Osuntokun, B. Oluwakayode*	Medicine	Male	1977
22	Oyawoye, Mosobalaje Olaloye	Geology	Male	1977
23	Oyenuga, Victor Adenuga*	Animal Science	Male	1977
24	Tella, Ayodele*	Pharmacology	Male	1977
25	Toye, Samuel Afolabi*	Zoology	Male	1977
26	Ukoli, Frank Mene A.*	Zoology	Male	1977
27	Amenechi, Patrick Iloba*	Chemistry	Male	1977
28	Njoku-Obi, Augustine N. U.*	Microbiology	Male	1977
29	Adadevoh, Babatunde Kwaku*	Chemical Pathology	Male	1977
30	Oladapo, Ifedayo Olawole*	Civil Engineering	Male	1977
31	Olaniyan, Caleb Isaac Olawole*	Zoology	Male	1977
32	Abubakar, Iya	Mathematics	Male	1977
33	Yoloye, Emmanuel Ayotunde	Science Education	Male	1977
34	Alasoadura, Samuel O.*	Botany	Male	1977
35	Ezeilo, James Okoye Chukwuka*	Mathematics	Male	1977
36	Osuide, Gabriel Ediale	Neuropharmacology	Male	1977
37	Osunkoya, Babatunde Olusiji*	Immunology	Male	1977

LIST OF FELLOWS SINCE INCEPTION

S/N	FELLOWS	SPECIALTY	GENDER	YEAR INDUCTED
38	Udekwa, Fabian Anene Osita*	Thoracic Surgery	Male	1977
39	Ekong, Donald Efiong Udo*	Chemistry	Male	1977
40	Kodilinye, Herbert C.	Ophthalmology	Male	1977
41	Shehu, Umaru	Health Resources & Management	Male	1977
42	Boyo, Alexander Eyimofe*	Pathology	Male	1977
43	Okonkwo, Samuel N.C.*	Botany	Male	1979
44	Anyia, Oko Anya	Zoology	Male	1979
45	Okafor, Nduka	Microbiology	Male	1979
46	Okogun, Joseph Ibomein	Organic & Natural Products Chemistry	Male	1979
47	Enwonwu, Cyril Obiora	Medicine	Male	1979
48	Taylor, Timothy Ajibola*	Agriculture	Male	1980
49	Akinkugbe, Oladipo Olujimi	Medicine	Male	1980
50	Animalu, Alexander Obiefoka Eukora	Physics & Mathematics	Male	1980
51	Edozien, Joseph Chike	Medicine (Chemical Pathology)	Male	1980
52	Ajakaiye, Deborah Enilo	Physics	Female	1980
53	Olubummo, Adegoke*	Mathematics	Male	1980
54	Orangun, Cornelius O.*	Civil & Structural Engineering	Male	1981
55	Salako, Lateef Akinola	Medicine (Pharmacology)	Male	1981
56	Eze-Uzomaka, Osondu John	Civil Engineering	Male	1981
57	Iyahan, Sunday Osarumwense	Mathematics	Male	1981
58	Esan, George Joseph Folayan	Medicine	Male	1982
59	Okoye, Samuel Ejikeme*	Physics	Male	1982
60	Imevbore, Anthony Malomo Adia	Zoology	Male	1983
61	Amazigo, John Chukwuemeka	Mathematics	Male	1985
62	Kogbe, Cornelius Adedapo	Geology	Male	1985
63	Adesola, Akin O.*	Medicine (Surgery)	Male	1985
64	Enahoro, Henry Ehikpehale*	Mechanical Engineering	Male	1985
65	Okafor, Charles Okolo	Chemistry	Male	1986
66	Nwokolo, Chukwuedu*	Medicine	Male	1986
67	Makanjuola, Gabriel Ayodele	Agricultural Engineering	Male	1986
68	Ogunmola, Gabriel Babatunde	Biophysical Chemistry Biotechnology	Male	1987
69	Adeloye, Adelola	Medicine	Male	1987
70	Evwaraye, Andrew Oteku	Physics	Male	1987
71	Oke, Olusegun Ladimeji	Nutritional Chemistry	Male	1988
72	Faniran, Joshua Ajadi	Chemistry	Male	1988
73	Olunloyo, Vincent Olusegun S.	Engineering	Male	1989
74	Okali, David Uke Ukiwe	Forest Biology, Environment & Conservation	Male	1989
75	Kuku, Aderemi Oluyomi	Mathematics	Male	1989



LIST OF FELLOWS SINCE INCEPTION

S/N	FELLOWS	SPECIALTY	GENDER	YEAR INDUCTED
76	Adekola, Sulaiman Adeniyi	Electrical/Electronic Engineering	Male	1990
77	Essien, Etim Moses	Haematology	Male	1990
78	Yayock, Joseph Yusuf	Agriculture & Agronomy	Male	1990
79	Mohammed, Idris	Medicine	Male	1990
80	Ezekwe, Gordian Obuneme*	Engineering	Male	1991
81	Okpako, David Tinakpoewan	Pharmacology	Male	1991
82	Okon, Ephraim Efiang	Engineering Science	Male	1991
83	Tomori, Oyewale	Virology	Male	1991
84	Tejumola, Haroon Oladipo*	Mathematics	Male	1991
85	Acholonu, Alexander D. Wozuzu	Parasitology/Microbiology	Male	1992
86	Aminu, Jibril Muhammadu	Medicine	Male	1992
87	Ransome-Kuti, Olikoye*	Medicine/Paediatrics	Male	1992
88	Mshelia, Elijah D.	Theoretical Nuclear Physics	Male	1994
89	Okonkwo, Paul O.	Molecular & Ethnopharmacology	Male	1994
90	Nwagwu, Mark	Zoology	Male	1994
91	Susu, Alfred A.	Chemical Engineering	Male	1994
92	Ngoddy, Patrick Obi	Agric & Food Engineering	Male	1996
93	Gadzama, Njidda M.	Zoology	Male	1997
94	Odugbemi, Tolu	Parasitology/Microbiology	Male	1997
95	Olaniyan-Taylor, Oladunni G.	Chemical Pathology	Female	1997
96	Nnaji, Bartholomew O.	Industrial Engineering	Male	1997
97	Aimakhu, Vincent E.*	Obstetrics & Gynaecology	Male	1998
98	Osuntokun, Olabopo	Medicine/Ophthalmology	Female	1998
99	Anosike, Emmanuel O.	Enzymology/Protein Chemistry	Male	1998
100	Odigboh, Emmanuel Uche	Agricultural Engineering	Male	1998
101	Okeke, Pius N.	Astronomy & Space Science	Male	1998
102	Onuoha, K. Mosto	Pure & Applied Geophysics	Male	1998
103	Attah, Edward 'B.	Human Pathology	Male	1999
104	Okeke, Cajetan Ezeani	Physics	Male	1999
105	Salawu, Raifu Isola	Electrical/Electronic Engineering & Renewable Energy	Male	1999
106	Wambebe, Charles O.	Pharmacology	Male	1999
107	Olumide, Yetunde Mercy	Medicine/Dermatology	Female	2000
108	Akeju, Timothy A. I.	Civil Engineering	Male	2000
109	Ene-Obong, E. Efiom	Plant Breeding and Crop Biotechnology	Male	2000
110	Esogbue, Augustine O.	Intelligent Systems & Control Engineering	Male	2000
111	Petters, Sunday W.	Geology	Male	2000
112	Sambo, Abubakar S.	Mechanical Engineering	Male	2002
113	Ekeke, Gabriel I. [^]	Biochemistry	Male	2002
114	Egbelu, Pius J.	Industrial Engineering	Male	2002

LIST OF FELLOWS SINCE INCEPTION

S/N	FELLOWS	SPECIALTY	GENDER	YEAR INDUCTED
115	Mustafa, Salihu	Civil/Water Resources Engineering	Male	2002
116	Ajayi, Gabriel O.*	Physics/Electro.& Elect. Engineering	Male	2004
117	Salimonu, Lekan S.*	Chemical Pathology	Male	2004
118	Anusiem, Alphonso C.I.	Chemistry	Male	2004
119	Bwala, Sunday A.	Medicine (Neurology)	Male	2004
120	Coker, Akintoye Olusegun	Medical Microbiology	Male	2004
121	Ekundayo, Olusegun	Chemistry	Male	2004
122	Falase, Ayodele O.	Medicine/Cardiology	Male	2004
123	Ibidapo-Obe, Oyewusi	Stochastic Control & Information Systems Engineering	Male	2004
124	Isoun, Turner T.	Veterinary Medicine	Male	2004
125	Obi, Timothy U.	Veterinary Medicine	Male	2004
126	Adu, Israel F	Animal Nutrition	Male	2006
127	Akinsete, Ibrionke	Haematology	Female	2006
128	Falade, Gabriel Kayode	Petroleum Engineering	Male	2006
129	Okorie, Domingo Amechi	Chemistry	Male	2006
130	Onadeko, Babatunde Owolabi	Respiratory Medicine	Male	2006
131	Osoimehin, Babatunde	Medicine/Chemical Pathology	Male	2006
132	Salau, Akinola Muritala*	Solid State Physics/Devices	Male	2006
133	Sofola, Olusoga	Physiology	Male	2006
134	Soyannwo, Olaitan	Anaesthesia/Pain Management	Female	2006
135	Braide, Ekanem Ikpi	Parasitology/Epidemiology	Female	2006
136	Afolayan, Adeyinka	Enzymology/Protein Science	Male	2006
137	Ilori, Samuel Akindiji	Mathematics	Male	2006
138	Okafor, Emmanuel Chukwuemeka	Chemistry	Male	2006
139	Shokunbi, M. Temitayo	Developmental Neurosciences/Paediatric Neurology	Male	2006
140	Chidume, Charles E.	Mathematics	Male	2006
141	Akanji, Abayomi Olusola	Medicine-Endocrinology & Metabolic Medicine	Male	2007
142	Egbunike, Gabriel N.	Animal Science	Male	2007
143	Ume, Ifeanyi Charles	Mechanical Engineering	Male	2007
144	Briggs, Nimi Dimkpa	Medicine	Male	2007
145	Adewoye, Olusegun O.	Material Science	Male	2007
146	Longe, Oyebiodun Grace	Nutritional Biochemistry	Female	2007
147	Soboyejo, Wole	Material Science & Engineering	Male	2007
148	Bamiro, Olufemi Adebisi	Mechanical Engineering	Male	2008
149	Aghaji, Martin Anthony C.	Cardio-Thoracic Surgery	Male	2008



LIST OF FELLOWS SINCE INCEPTION

S/N	FELLOWS	SPECIALTY	GENDER	YEAR INDUCTED
150	Dada, Olukayode	Laboratory Medicine (Chemical Pathology)	Male	2008
151	Onyido, Ikenna	Mechanistic & Bioorganic Chemistry	Male	2008
152	Adikwu, Michael U.	Pharmacy/Pharmaceutics	Male	2009
153	Aire, Tom A.	Veterinary Medicine	Male	2009
154	Falusi, Adeyinka G.	Haematology	Female	2009
155	Oderinde, Rotimi A.	Industrial Chemistry	Male	2009
156	Onwuliri, Celestine O.*	Zoology	Male	2009
157	Onwualu, Peter Azikiwe	Agricultural Power & Machinery	Male	2009
158	Sodeinde, O.	Paediatrics	Male	2009
159	Damachi, Nicholas A.	Industrial Engineering/ Science Public Policy	Male	2010
160	Gumel, Abba B.	Mathematics	Male	2010
161	Kuku, Sonny F.	Endocrinology	Male	2010
162	Malomo, Siyanbola	Geology	Male	2010
163	Okeke, Francisca Nneka	Geomagnetism/ Conospheric Physics	Female	2010
164	Abubakar, Mohammed K.	Biochemistry	Male	2011
165	Alo, Babajide Ibitayo	Organic & Environmental Chemistry	Male	2011
166	Babalola, Chinedum Peace	Pharmacy/Pharmacokinetics	Female	2011
167	Egboka, Boniface C.E.	Hydrogeology	Male	2011
168	Nwaorgu, Obioma C.	Parasitology & Entomology	Female	2011
169	Sofoluwe, Adetokunbo B.*	Computer Science	Male	2011
170	Adewole, Isaac F.	Obstetrics & Gynaecology	Male	2011
171	Abass, Mojeed Olayide	Computer Science	Male	2012
172	Adebowale, Kayode Oyeboode	Industrial Chemistry	Male	2012
173	Adeyemi, Isaac Adebayo	Food Science	Male	2012
174	Anosa, Victor Onwubalili	Veterinary Pathology	Male	2012
175	Ibhadode, Akaehomen O. Akii	Manufacturing Engineering	Male	2012
176	Nok, Andrew Jonathan	Biochemistry	Male	2012
177	Okonofua, Friday E.	Obstetrics & Gynaecology	Male	2012
178	Olayinka, Abel Idowu	Geology	Male	2012
179	Omigbodun, Akinyinka Omokolapo	Obstetrics & Gynaecology	Male	2012
180	Soboyejo, Alfred B.O.	Aeronautical & Astronautical/ Agricultural & Biol. Engineering	Male	2012
181	Atawodi, Sunday Ene-ojo	Biochemistry	Male	2013
182	Atinmo, Tola	Nutrition	Male	2013
183	Ezeokoli, Chukwudozie Daniel	Veterinary Medicine	Male	2013
184	Gureje, Oye	Medicine (Psychiatry)	Male	2013

LIST OF FELLOWS SINCE INCEPTION

S/N	FELLOWS	SPECIALTY	GENDER	YEAR INDUCTED
185	Hussaini, Isa Marte	Pharmacology	Male	2013
186	Idoko, John Alechenu	Medicine	Male	2013
187	Kale, Oladele O.	Public Health	Male	2013
188	Momoh, James Adeche	Electrical Engineering	Male	2013
189	Odunfa, Sunday Ayodele	Microbiology	Male	2013
190	Osadebe, Ogoamaka Patience	Pharmaceutical & Medicinal Chemistry	Female	2013
191	Adekoya, John Adeyinka	Geology	Male	2014
192	Agbenin, John Okhienaiye	Soil Environmental Chemistry	Male	2014
193	Agbonlahor, Dennies Edokpaigbe	Medical Microbiology/ Medical Laboratory Science	Male	2014
194	Ahaneku, Joseph Eberendu	Chemical Pathology/ Clinical Chemistry	Male	2014
195	Aina, Patrick Oladipo	Soil Physics	Male	2014
196	Farombi, Ebenezer Olatunde	Biochemistry	Male	2014
197	Ibe, Chidi Adonis	Oceanography/ Scientific Research	Male	2014
198	Odunsi, Adekunle	Gynecologic Oncology/Medicine	Male	2014
199	Ojo, Joseph Olorunfemi	Electrical & Computer Engineering - Power Electronics	Male	2014
200	Shokunbi, Wuraola Adebola	Haematology	Female	2014
201	Agbede, Oluwole A.	Water Resources & Geotechnical Engineering	Male	2015
202	Amazigo, Uche V.	Medical Parasitology	Female	2015
203	Familoni, Oluwole B.	Chemistry	Male	2015
204	Ladipo, Kehinde O.	Geology	Male	2015
205	Maduagwu, Emmanuel	Biochemistry	Male	2015
206	Mba, David	Mechanical Engineering	Male	2015
207	Ohaneri, Jude U.	Medicine (Psychiatry)	Male	2015
208	Ohia, Sunny E.	Pharmacology	Male	2015
209	Umoh, Jarlath U.	Veterinary Public Health/ Veterinary Medicine	Male	2015
210	Adegbola, Richard Adebayo	Microbiology	Male	2016
211	Adeyemo, Olanike Kudirat	Aquatic Epidemiology & Toxicology	Female	2016
212	Adeyeye, Mojisola Christianah	Pharmacy & Pharmaceuticals	Female	2016
213	Akah, Peter Achuike	Pharmacology	Male	2016
214	Akanji, Musbau Adewumi	Biochemistry	Male	2016
215	Akujor, Chidi Emmanuel	Physics	Male	2016
216	Ajaiyeoba, Edith Oriabure	Pharmacognosy	Female	2016
217	Falade, Catherine Olufunke	Pharmacology & Therapeutics	Female	2016
218	Odiaka, Timothy Isioma	Organometallic Chemistry	Male	2016
219	Osilike, Micah Okwuchukwu	Mathematics	Male	2016
220	Antia, Effiom E.	Oceanography	Male	2017



LIST OF FELLOWS SINCE INCEPTION

S/N	FELLOWS	SPECIALTY	GENDER	YEAR INDUCTED
221	Balogun, Joseph A.	Physiotherapy	Male	2017
222	Esimone, Charles O.	Biopharmaceutics & Pharmaceutical Microbiology	Male	2017
223	Gamani, Karniyus S.	Pharmacology	Male	2017
224	Ogundipe, Oluwatoyin T.	Botany	Male	2017
225	Ogunsola, Folasade T.	Medicine	Female	2017
226	Olapade-Olaopa, Emiola O.	Medicine	Male	2017
227	Olorunfemi, Martins O.	Applied Geophysics	Male	2017
228	Oyeneyin, Mufutau Babs	Petroleum Engineering	Male	2017
Foreign Fellows				
229	Zewail, Ahmed	Chemistry	Male	2010
230	Albert, Bruce	Biochemistry/ Molecular Biology	Male	2011
231	Clegg, Michael	Biological Sciences	Male	2012
	*Late			

APPENDIX B

SECTIONAL COMMITTEES
– PHYSICAL SCIENCES

MATHEMATICAL SCIENCES

J.C. Amazigo	Male - Chairman
S.A. Ilori	Male
C.E. Chidume	Male
A.B. Gumel	Male

PHYSICS, ASTRONOMY
AND SPACE SCIENCES

P.N. Okeke	Male - Chairman
E.D. Mshelia	Male
C.E. Okeke	Male
P.O. Aina	Male

CHEMICAL SCIENCES

J.I. Okogun	Male - Chairman
O. Ekundayo	Male
B.I. Alo	Male
Ikenna Onyido	Male
E.C. Okafor	Male

ENGINEERING AND APPLIED SCIENCES

E.E. Okon	Male - Chairman
S. Mustafa	Male
I.C. Ume	Male
S.A. Adekola	Male
A.O.A. Ibadode	Male

EARTH AND ENVIRONMENTAL SCIENCES

O.S. Adegoke	Male - Chairman
K.M. Onuoha	Male
S.W. Petters	Male
S. Malomo	Male
A.I. Olayinka	Male

SECTIONAL COMMITTEES
– BIOLOGICAL SCIENCESBIOCHEMISTRY, MOLECULAR BIOLOGY &
BIOTECHNOLOGY

G.B. Ogunmola	Male - Chairman
A. Afolayan	Male
A.J. Nok	Male
S.E. Atawodi	Male
E.O. Anosike	Male

BIOLOGICAL SCIENCES

Tolu Odugbemi	Male - Chairman
M. Nwagwu	Male
A.O. Coker	Male
S.A. Odunfa	Male

AGRICULTURAL AND FORESTRY SCIENCES

O.G. Longe	Female - Chairman
E.E. Ene-Obong	Male
I.F. Adu	Male
I.A. Adeyemi	Male
Tola Atinmo	Male

MEDIACAL SCIENCES

N.D. Briggs	Male - Chairman
Idris Mohammed	Male
Ibironke Akinsete	Female
Joseph Ahaneku	Male
Wuraola Shokunbi	Female

PHARMACEUTICAL SCIENCES

D.T. Okpako	Male - Chairman
C.O. Wambebe	Male
M.U. Adikwu	Male
C.P. Babalola	Female
I.M. Hussaini	Male

VETERINARY SCIENCES

T.A. Aire	Male - Chairman
T.T. Isoun	Male
T.U. Obi	Male
V.O. Anosa	Male
C.D. Ezeokoli	Male



Appendix C

PAST PRESIDENTS SINCE INCEPTION

President	Tenure
Professor V.A. Oyenuga	1977-1979
Professor C.A. Onwumechili	1979-1981
Professor Umaru Shehu	1981-1983
Professor E.U. Emovon	1983-1985
Professor A.N.U. Njoku-Obi	1985-1987
Professor I.O. Oladapo	1987-1989
Professor C.I.O. Olaniyan	1989-1991
Professor A.I.I. Ette	1991-1993
Professor A.A. Adegbola	1993-1995
Professor Awele Maduemezia	1995-1997
Professor Lateef .A. Salako	1997-1999
Professor Anya .O. Anya	1999-2001
Professor Alexander O.E. Animalu	2001-2003
Professor Gabriel B. Ogunmola	2003-2006
Professor David U.U. Okali	2006-2009
Professor Oyewusi Ibidapo-Obe	2009-2013
Professor Oyewale Tomori	2013-2017

Appendix D

LINKS TO STORIES IN THE NEWSPAPER

1. Yellow fever

<http://www.mymobiledoc.org/nigerian-academy-science-raise-alarm-new-cases-yellow-fever/>
<http://www.vanguardngr.com/2016/05/nigeria-worry-spread-zika-yellow-fever/>
<http://www.dailymail.co.uk/wires/afp/article-3598929/Angola-yellow-fever-outbreak-spark-global-crisis-Red-Cross.html>
<http://www.premiumtimesng.com/news/155242-nigerian-govt-puts-millions-children-danger-country-runs-vaccines.html>
<http://guardian.ng/features/academy-alerts-to-fresh-threat-of-yellow-fever/>

2. NAS in the News

<http://guardian.ng/news/the-nigeria-academy-of-science-seeks-effective-use-of-sciencetechnology-for-economic-development/>
<http://punchng.com/academy-of-science-accuses-nuc-of-taking-bribes/>
<http://punchng.com/ogunshola-ibidapo-obe-others-leading-lights-maths-nms/>
<http://punchng.com/punch-reporters-make-cnn-award-list/>
<http://punchng.com/need-for-research-industry-linkages/>
<http://punchng.com/alarmed-150-illegal-courses-varsities/>
<http://guardian.ng/features/young-scientists-call-for-sustainable-development-in-africa/>
<http://guardian.ng/saturday-magazine/our-surveillance-system-is-too-weak-to-curb-lassa-fever/>
<http://guardian.ng/features/govt-support-key-to-dethroning-high-fee-regime-in-private-varsities/>
<http://guardian.ng/news/al-makura-wants-entrepreneurial-education-taught-in-schools/>
<http://guardian.ng/sunday-magazine/living-wellbeing/bushmeat-no-longer-poses-risk-of-ebola-infection-says-tomori/>
<http://guardian.ng/features/natural-health/experts-caution-against-flood-related-diseases/>
<http://guardian.ng/features/how-nigeria-can-eradicate-lassa-fever-by-tomori/>
<http://guardian.ng/news/anya-harps-on-merit-strong-institutions/>
<http://guardian.ng/news/nigeria/first-malaria-vaccine-excites-scientists/>
<http://www.thisdaylive.com/index.php/2016/09/08/47-years-after-nigerians-still-dying-from-lassa-fever/>
<http://www.thisdaylive.com/index.php/2016/06/27/ogunshola-ibidapo-obe-ajetunmobi-become-fellows-nigerian-mathematical-society/>
<http://www.thisdaylive.com/index.php/2016/07/09/prof-austin-esogbue-i-maintained-first-position-in-school-to-avoid-being-a-farmer/>
<http://www.thisdaylive.com/index.php/2016/03/18/ovation-for-anya-at-79/>
<http://www.thisdaylive.com/index.php/2016/02/29/university-autonomy-tomori-accuses-nuc-of-negligence-2/>
<http://thenationonlineng.net/honour-ogunshola-ibidapo-obe-ajetunmobi/>
<http://thenationonlineng.net/fg-will-strengthen-capacity-in-technology-onu/>
<http://thenationonlineng.net/etim-moses-essien-80/>
<http://www.vanguardngr.com/2016/10/us-academy-medicine-appoints-tomori-member/>



<http://www.businessdayonline.com/tomori-elected-international-member-of-the-us-national-academy-of-medicine-class-of-2016/>
<http://news.naijaobserver.com/view/117882/us-national-academy-of-medicine-elects-prof-tomori-as-member>
<http://www.latestnigeriannews.com/news/3606683/us-academy-of-medicine-appoints-tomori-as-member.html>

3. NAS Gold Medal

<http://www.thisdaylive.com/index.php/2016/05/29/academy-approves-gold-medal-award-for-nigerian-scientists-in-2017/>
<http://guardian.ng/features/nigerian-academy-of-science-approves-award-of-nas-gold-medal/>

4. Annual Luncheon

<http://www.mediacareerng.org/2016/05/11/sunday-punchs-motunrayo-joel-wins-academy-of-science-media-award/>
<http://www.tell.ng/nigerian-academy-science-holds-media-award/>

5. NAS – Ekiti State

<http://ekiti247.com/tag/nigerian-academy-of-science/>

6. NAS – Nassarawa State

<http://guardian.ng/news/al-makura-gives-health-education-priority-in-nasarawa-state/>

7. NAS – GMO

<http://thenationonlineng.net/nas-endorses-use-gmos-food-production/>
<http://guardian.ng/news/academy-declares-gmos-beneficial-for-consumption/>
<http://guardian.ng/features/science/tomori-nigerian-academy-of-science-must-become-a-voice-for-the-people/>

THE NIGERIAN ACADEMY OF SCIENCE

ACADEMY HOUSE
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