Cover image: Crystallizing water forms repeating patterns in snowflakes and on frosty surfaces. The patterns have inspired claims about the **power of consciousness to affect matter,** as well as one of the first described fractal curves, the **Koch snowflake.** Ó *Wired 2010 - Flickr/mommamia.*

EDITOR - PROFESSOR SAMUEL SEGUN OKOYA

MATHEMATICS CALENDAR

25 – 28 June, 2018

2ND INTERNATIONAL AUSTECH CONFERENCE ON PURE AND APPLIED MATHEMATICS, THEORETICAL AND APPLIED PHYSICS

Venue: African University of Science and Technology (AUST), Abuja, Nigeria

Deadline for Abstract: May 30, 2018

URL: www.aust.edu.ng

Phone: +234 907 034 3070

1-9 August, 2018

2018 INTERNATIONAL CONGRESS OF MATHEMATICIAN (ICM 2018)

Venue: Rio de Janeiro, Brazil

Deadline for Abstract: Expired

URL: www.icm2018.org
Secretariat: contact@icm2018.org

16 – 22 September, 2018

3RD INTERNATIONAL WORKSHOP AND CONFERENCE ON MATHEMATICS MODELLING AND SIMULATIONS 2018 (IWMMAS, 2018)

Venue: University of Nigeria, Nsukka, Nigeria

Deadline for Abstract: August 31, 2018

Email: godwin.mbah@unn.edu.ng; dennis.agbebaku@unn.edu.ng

Phone: 234 803 419 8454; 234 806 345 0485

HIS EXCELLENCY

MUHAMMADU BUHARI *GCFR*
PRESIDENT, COMMANDER-IN-CHIEF OF THE ARMED FORCES
FEDERAL REPUBLIC OF NIGERIA

HIS EXCELLENCY

DR ABDULLAHI UMAR GANDUJE
EXECUTIVE GOVERNOR KANO STATE

SPECIAL GUEST OF HONOUR
37TH ANNUAL CONFERENCE OF THE NMS, KANO 2018

VICE CHANCELLOR

PROF. MOHAMMAD YAHUZA BELLO
BAYERO UNIVERSITY, KANO STATE

CHIEF HOST
37TH ANNUAL CONFERENCE OF THE NMS, KANO 2018

PROF. NINUOLA IFEOLUWA AKINWANDE *FNMS*
THE PRESIDENT OF THE
NIGERIAN MATHEMATICAL SOCIETY (NMS)

COUNCIL MEMBERS
THE NIGERIAN MATHEMATICAL SOCIETY

	NAME	POST	INSTITUTION
1.	Prof. N. I. Akinwande	President	Federal University of Technology, Minna
2.	Prof. D. G. Yakubu	Vice President	Abubakar Tafawa Balewa University, Bauchi
3.	Prof. G. C. E. Mbah	Secretary	University of Nigeria, Nsukka
4.	Dr. S. Abdulrahman	Asst. Secretary	Federal University Birnin-Kebbi, Kebi State
5.	Prof. H. O. Adagba	Treasurer	Ebonyi State University, Abakaliki
6.	Prof. S. S. Okoya	Editor-in-Chief	Obafemi Awolowo University, Ile-Ife
7.	Prof. O. J. Adeniran	Business Manager	Federal University of Agriculture, Abeokuta
8.	Prof. M. R. Odekunle	Ex-Officio	Modibbo Adama University of Technology, Yola
9.	Prof. J. A. Oguntuase	Ex-Officio	Federal University of Agriculture, Abeokuta
10.	Prof. M. O. Osilike	Immediate Past President	University of Nigeria, Nsukka

Prof. N. I. Akinwande *FNMS*   Prof. D. G. Yakubu   Prof. G. C. E. Mbah   Dr. S. Abdulrahman   Prof. H. O. Adagba

Prof. S. S. Okoya *FNMS, FMAN*   Prof. O. J. Adeniran   Prof. M. R. Odekunle   Prof. J. A. Oguntuase *FNMS*   Prof. M. O. Osilike *FNMS*

LIST OF FELLOWS OF THE NMS

In retrospect, the NMS has made awards of fellow to a number of mathematicians at home and abroad for their meritorious service towards the advancement of mathematics in Nigeria and abroad.

2015 RECIPIENTS

1. Professor Iya ABUBAKAR *(FNMS)*
2. Pastor Enoch Adejare ADEBOYE *(FNMS)*
3. Professor James Nwoye ADICHIE *(FNMS)*
4. Professor Eben Akin AKINRELERE *(FNMS)*
5. Professor Samuel Akindiji ILORI *(FNMS)*
6. Professor Olusola AKINYELE *(FNMS)*
7. Professor John Chukwuemeka AMAZIGO *(FNMS)*
8. Professor Sunday Osarumwense IYAHEN *(FNMS)*
9. Professor Monsur Akangbe KENKU *(FNMS)*
10. Professor Aderemi Oluyomi KUKU *(FNMS)*
11. Professor Emmanuel Oguntokun OSHOBI *(FNMS)*
12. Professor Kevin Ejere OSONDU *(FNMS)*

2016 RECIPIENTS

13. Professor Kayode Rufus ADEBOYE *(FNMS)*
14. Professor Anthony Uyi AFUWAPE *(FNMS)*
15. Professor Michael Olusanya AJETUNMOBI *(FNMS)*
16. Professor Ninuola Ifeoluwa AKINWNDE *(FNMS)*
17. Professor Udot Isaac ASIBONG *(FNMS)*
18. Professor Charles Ejikeme CHIDUME *(FNMS)*
19. Professor Godwin Osakpemwoya Samuel EKHAGUERE *(FNMS)*
20. Professor Jacob Abiodun GBADEYAN *(FNMS)*
21. Professor Oyewusi IBIDAPO-OBE *(FNMS)*
22. Professor Frank Ikechukwu OCHOR *(FNMS)*
23. Chief Ajibola OGUNSOLA *(FNMS)*
24. Professor James Adedayo OGUNTUASE *(FNMS)*
25. Professor Samuel Segun OKOYA *(FNMS)*
26. Professor Peter ONUMANYI *(FNMS)*
27. Professor Micah Okwuchukwu OSILIKE *(FNMS)*
28. Professor Babangida SANI *(FNMS)*
29. Professor Adewale Roland Tunde SOLARIN *(FNMS)*
30. Professor Abba Ali TIJJANI *(FNMS)*

2017 RECIPIENTS

31. Professor Jerome Ajayi ADEPOJU *(FNMS)*
32. Professor Alexander O. E. ANIMALU *(FNMS)*
33. Professor Iheanyichukwu Sylvester IWUEZE *(FNMS)*
34. Professor Francis Kofi Ampenyin ALLOTEY*(FNMS)*

LIST OF 2018 INDUCTEES

2018 meritorious mathematicians

5 individuals have been nominated for the 2018 FNMS award for their outstanding contributions and influence in the society. The brief write-ups capture their credentials, silent administrative achievements, wealth of experience in the endeavours and positive contributions to the mathematics community at home and abroad. The names and the institutions of the nominee to be inducted follow:

PROFESSOR MUHAMMAD YAHUZA BELLO
BAYERO UNIVERSITY, KANO

PROFESSOR ANTHONY MONDAY ETTE
FEDERAL UNIVERSITY OF TECHNOLOGY, OWERRI

PROFESSOR EMMANUEL JOSEPH DANIYANG GARBA
UNIVERSITY OF JOS, JOS

PROFESSOR MOSES OLUDOTUN OYESANYA
UNIVERSITY OF NIGERIA, NSUKKA.

PROFESSOR OLABISI OREOFE UGBEBOR
UNIVERSITY OF IBADAN, IBADAN

2017 & 2018 EVENTS

Prof & Mrs. N. I. Akinwande, Dr Mrs R. Abah, Prof J. O. Adeniran (Business Manager, NMS), Prof H. Adagba (Treasurer, NMS), Dr S. Abdulrahman (Asst. Secretary, NMS) and Dr. T.T. Ashezua at the workshop organized by AIMS, Ghana.

Prof O. J. Adeniran receiving certificate of participation from Prof Allotey at the workshop organized by AIMS, Ghana.

Prof H. Adagba receiving a certificate of participation from Prof Allotey

President, NMS with some guests at the 2017 Makurdi conference

Nigerian women in Mathematics conference at Federal University of Agriculture, Makurdi, May 2017 (First Bi-annual conference)

President, NMS making a presentation at Makurdi 2017 conference

Prof. F. K. A. Allotey flanked by Prof. and Dr. (Mrs.) S. S. Okoya during their research visit to ICTP,Trieste, Italy in June 2017

Picture at Makurdi 2017 conference

Picture at 2017 Makurdi Conference

President NMS making a presentation at Makurdi 2017 conference

Courtesy visit to the Dean, Faculty of Science, Federal University of Agriculture, Makurdi, May 2017.

2017 EVENT

INTERNATIONAL WORKSHOP ON MATHEMATICAL MODELING AND SIMULATIONS

Mathematical modeling is an as aspect of Mathematics that is useful in formulating real world problems as mathematical equation, thereby making the analysis of solutions to this real world problem a lot easier. This field of mathematics has applications in most aspect of science and technology.

It has been observed that many young mathematicians and scientists lack basic knowledge and technique for modeling real world situations. In this regard, and in view of impacting positively on the economy of the nation, the department of mathematics, University of Nigeria Nsukka in conjunction with Nigerian Society for Mathematical Biology (NSMB), Nigeria, has been hosting International workshops on Mathematical modeling and simulation (IWWMAS) since 2016 till date. The workshops held in 2016 and 2017 witnessed participants from industries, medical and Para-medical sector, engineering sector, academics, and postgraduate students.

The areas covered in these workshops include, but not limited to

- Bio-mathematics/Epidemiological model
- Non-Epidemiological models (Cardiovascular flows)
- Analysis of models constructed
- Fluid dynamics and their models
- Fluid Mechanics
- Financial Mathematics/Optimization
- Fractional differential equations
- Differential Equations (ODE &PDE)
- Methods of Solutions to systems of ODE &PDE
- Basic tools and software for Graphical Analysis of models (MATLAB, MAPLE, MATIMATICA, etc)

The resource persons that have featured in past workshops include:

Prof. N.I. Akinwande (FUTMINNA), Prof. G.C.E. Mbah (UNN), Dr. D. Okunghae (UNIBEN), Prof. V. Asor (MOUAU), Prof. S. O. Enibe (Mech Engr, UNN), Dr. B. Osu, Prof. M. O. Oyesanya (UNN), Prof. F. I. Ochor (UNN), Dr. A. Sirajo (FUTMINNA).

There are practical sessions which include practical training on how to use MATLAB, MAPLE, and other softwares needed for the analysis of models. These sessions were handled by Dr. T. Tivde(FUAM), Dr D. Sarki and Dr. D. Agbebaku (UNN)

The 2018 workshop has been expanded to include a three days conference. The workshop is scheduled to start from Sunday, 16th September 2018 to end on Wednesday, 19th September, 2018 while the conference will start from Wednesday, 19th September, 2018 to end on Saturday, 22nd September, 2018.

This is a yearly event that will continue to hold in the month of September of every year.

Below are some of the pictures taken during past workshops.

Some participants at the 2017 workshop

2018 EVENT

PROFESSOR O. D. MAKINDE RECEIVED INTERNATIONAL ACADEMY OF PHYSICAL SCIENCES (IAPS) FELLOWSHIP AWARD

The International Academy of Physical Sciences confers Fellowship of IAPS upon Professor O. D. Makinde for his outstanding contributions to the field of Applied Mathematics and Computations. The event took place at the 22nd International Conference of International Academy of Physical Sciences (CONIAPS XXII) hosted by DR. RAM Manohar Lohia Avadh University, Faizabad in India between 13th -15th April 2018. At the ceremony, the IAPS highlighted Prof. Makinde's various professional accomplishments including high level capacity building together with the outstanding quality and enormous impact of his research work worldwide in the field of fluid mechanics, nanofluid dynamics and mathematical biology as evidently reported by Google Scholar, Scopus and Web of Science Citation index and H-index. Prof. Makinde also delivered an invited keynote lecture after the induction ceremony as IAPS fellow. The event was reported in all the Indian Newspapers and Television. Below are the photograph of the event.

THE 36TH ANNUAL CONFERENCE

OF THE NIGERIAN MATHEMATICAL SOCIETY (NMS)
HOSTED BY THE DEPARTMENT OF MATHEMATICS/
STATISTICS/COMPUTER SCIENCE,
FEDERAL UNIVERSITY OF AGRICULTURE,
MAKURDI, NIGERIA (2017).

The 36th annual conference of the Nigerian Mathematical Society (NMS) was successfully hosted by the Department of Mathematics/Statistics/Computer Science, Federal University of Agriculture, Makurdi, Nigeria, between 9th May, 2017 to 12th May, 2017 with participants drawn from within and outside the country. The theme of the conference was titled ''Mathematics as a Tool for Agricultural Development and Economic Growth in Nigeria''

The opening ceremony took place at the Science Lecture Theatre (SLT), South-Core, in Federal University of Agriculture, Makurdi (FUAM) and was declared open by the Vice-Chancellor (VC), FUAM, Engr Prof. E. I. Kucha, (KSM) who was ably represented by the Deputy Vice-Chancellor Administration (DVC), Prof. A. R. Kimbir. The DVC administration also delivered the VCs welcome address. During the opening ceremony, four eminent mathematical scientists of international standing were inducted as fellows of the society.

All the invited speakers, namely: Prof. Felix Famoye, Prof. Anande R. Kimbir and Dr. Olorunsola E. Olowofeso delivered their papers during the plenary sessions.

The NMS MAKURDI 2017 conference received support from the University management, Prof. A. R. Kimbir, Prof. E. S. Onah and the LOC Makurdi 2017 headed by Dr. S. C. Nwaosu. Many thanks to Dr. T. Aboiyar for assisting the LOC in raising funds for the conference.

The NMS annual general meeting was well attended by the participants.

Dr. S. C. Nwaosu
Chairman, LOC

Dr. T. T. Ashezua
Secretary, LOC

PASTOR E. A. ADEBOYE'S PASSION FOR MATHEMATICS

It is on record that Pastor E. A. Adeboye, the General Overseer of the Redeemed Christian Church of God (RCCG) worldwide graduated from the Department of Mathematics, Obafemi Awolowo University in 1967. It is of no surprise then, that his unalloyed passion for Mathematics and the Educational sector at large made the Apapa Family (a group of Churches within RCCG of which he is a member) have four Professorial Chairs in Mathematics endowed in his name. The Professorial Chairs are domiciled at the following institutions; University of Lagos (2009), University of Ibadan (2010), University of Nigeria, Nsukka (2011), and Obafemi Awolowo University, Ile – Ife (2012). Each of the institutions mentioned above received a fifty million naira donation to institute the Professorial Chair on specific occasions of the Annual Thanksgiving Service of the Apapa Family at the Tafawa Balewa Square, Lagos.

I, Prof. Samuel Segun Okoya was privileged to be the first occupier of the Pastor E. A. Adeboye Endowed Professorial Chair in Mathematics at the University of Lagos (UNILAG), Akoka, Yaba, Lagos, Nigeria for four years (2013-2017). It is worthy of note that, to the best of my knowledge, the procedure for my selection was without any political, ethnic, religious or any other caucus bias, but solely by merit. A Board of Trustees was constituted to oversee the Professorial Chair office. During my tenure, I was able to profess mathematics at the national and international levels through the following:

- Travelled to attend international conferences in Namibia, South Africa and Turkey as well as Annual Conferences of the Nigerian Mathematical Society. The generous fund from the endowment made it possible to foster linkages with colleagues both nationally and internationally in the pursuit of excellence in Mathematics.

- Visited the International Centre for Theoretical Physics (ICTP) Trieste, Italy twice to carry out research activities. Reputable international journals have since published the results of the research visits.

- Was provided with an official car – which was dedicated by Pastor E. A. Adeboye at his residence, a driver, as well as fuelling and accommodation allowances to ease my movement within and outside Lagos.

- Delivered two public lectures at the UNILAG Main Auditorium (now Prof. Ade Ajayi Auditorium), and Pastor E. A. Adeboye was at hand to witness the inauguration of the Professorial Chair and the first public lecture - another confirmation of his passion for Mathematics - despite his busy schedule. At the occasion, he gave a brief but impactful address on the Mathematics of Marriage.

- Twelve M.Sc. and one Ph.D. candidate completed their Mathematics degrees under my supervision while one Ph.D. student is about to finish his thesis. This feat has been possible only because of the Pastor E. A. Adeboye Professorial Chair.

- Organized the 1st Pastor E. A. Adeboye Endowed Chair Enrichment Training Workshop in Applied Mathematics, at the University of Lagos in collaboration with the National Mathematical Centre (NMC), Abuja. Three lecturers from Abdul Salam International Centre for Theoretical Physics (ICTP), Trieste, Italy, two lecturers and four instructors from Nigerian Universities were at hand to train a total of 39 participants.

- On teaching, after the respected Professor Chike Obi of blessed memory, I happen to be the only Professor of Mathematics to teach differential equations in the Department of Mathematics, University of Lagos. Thereby, revitalising the dying interest of UNILAG students of Mathematics in differential equations.
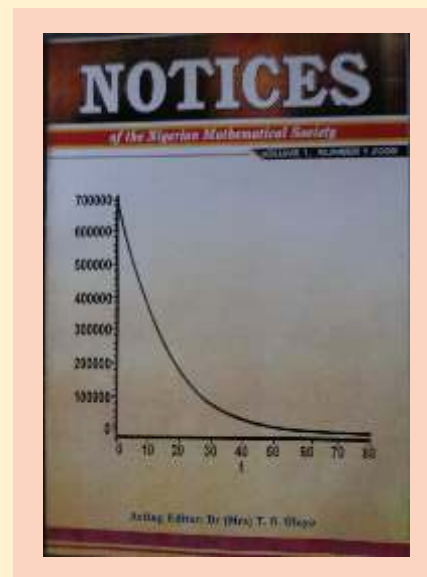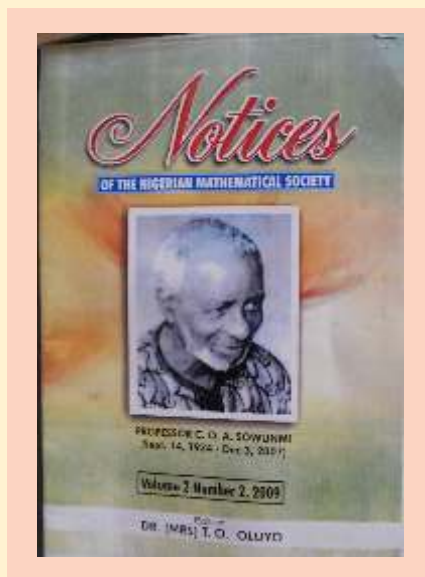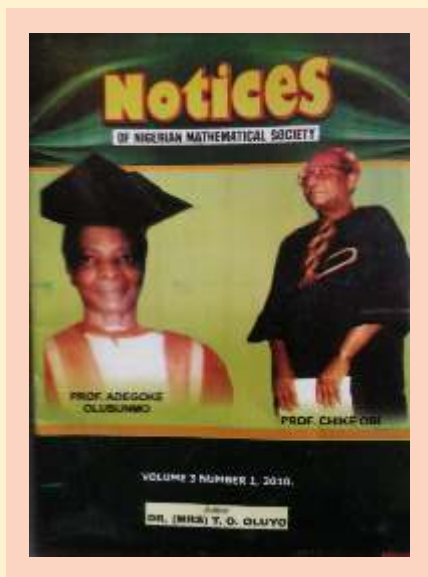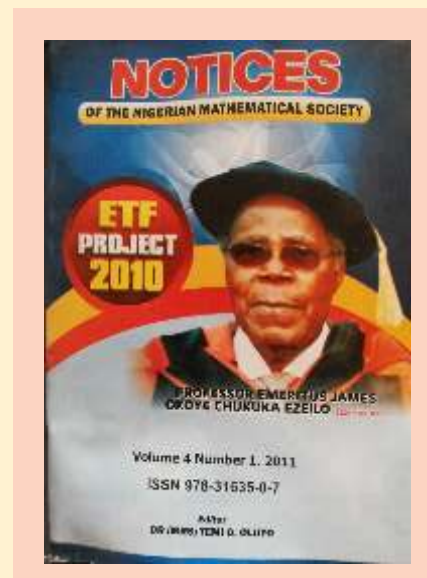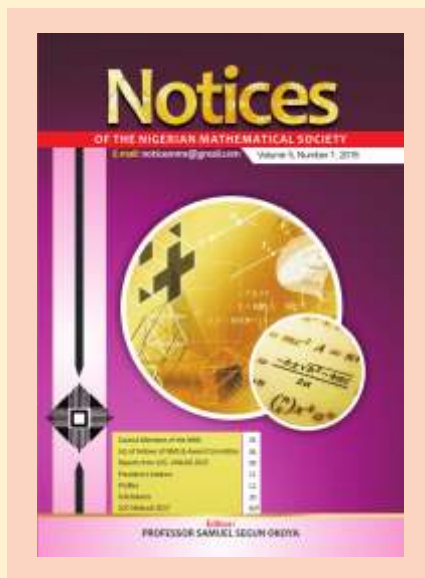

- In the same spirit of giving back to the institution, I have instituted a Postgraduate course prize (First occupier of Pastor E. A. Adeboye Chair, UNILAG/Professor Samuel Segun Okoya Prize) in the Department of Mathematics, University of Lagos to be awarded to the student with the best average score in Differential Equation I and II.

In the light of the above achievements through the endowed Professorial Chair in UNILAG, it will not be out of order, if Mathematicians in Nigeria continuously celebrate Pastor E. A. Adeboye for his undying devotion not only to the Mathematics community but also to the Educational sector in general. We appreciate you, sir.

Professor Samuel S. Okoya *FNMS, FMAN*
Editor-in-Chief, Journal of the NMS (2011-Date)
Editor, Notices of the NMS (2016-Date)
First occupier of Pastor Enoch A. Adeboye Endowed
Professorial Chair in Mathematics, University of Lagos,
Akoka, Yaba, Nigeria. (2013 - 2017)

FRONT COVERS
OF PAST NOTICES OF THE NMS

PLEASE MAKE SURE THAT THE NMS NOTICES FIND A HOME ON EVERY MATHEMATICIAN'S DESK.

PRESIDENT'S REMARKS

It gives me great pleasure to make these Remarks for the special NMS Notices dedicated to the great event of the investiture of Five (5) distinguished eminent Mathematicians as Fellow(s) of the Nigerian Mathematical society,(FNMS); and marking the 37th Annual Conference of the NMS holding this year at the Bayero University, Kano.

The Nigerian Mathematical Society, (NMS) was founded 37 years ago by our fathers of mathematics and it is evident that the society is waxing stronger.

The award of the FNMS took off in 2015 when twelve (12) of the founding fathers of the society were conferred with the award at the 34th Annual Conference held at the university of Lagos. In 2016, additional eighteen (18) distinguished Mathematical Scientists were awarded at the Federal University of Technology, Minna. Last year four (4) were honoured at the Federal University of Agriculture, Makurdi. The array of Mathematical Sciences Scholars on the Award lists since inception is an indicator that despite the rather harsh teaching and research conditions prevalent in the African sub-region, some have doggedly pursued this field of knowledge which is dreaded by many with vigour and determination.

The Awardees are Mathematical Scientists of international standing with distinguished accomplishments as attested to by their profiles/citations contained in this edition of the NMS Notices.

Mathematics is the driving force for meaningful Scientific, Socio-Economic and Technological breakthroughs and advancement and so should be given all the support needed for schorlarship.

To the distinguished Awardees, I wish to congratulate you all and wish you longer life of continuous outstanding services to humanity in general and worthy contributions to the advancement of Mathematical Sciences. By this investiture, you are automatically conferred with LIFE MEMBERSHIP of the NMS.

Long live NMS,

Long live the Federal Republic of Nigeria.

Professor Ninuola Akinwande, FNMS
President, NMS
May, 2018

PROFESSOR
MUHAMMAD YAHUZA BELLO

1982; Bayero University from Graduate Assistant (1982) through the ranks to Professor (2001 to date); Teaching Assistant, University of Arkansas, USA (1985-1988)

1.   PERSONAL PERTICULARS

NAME: *Muhammad Yahuza Bello*;

DATE OF BIRTH: *22nd January, 1959*

PLACE OF BIRTH: *Kano, Nigeria*

MARITAL STATUS: Married with children

2.   SCHOOLS ATTENDED WITH DATES

Giginyu Primary School; Government Secondary School, Gaya; Bayero University, Kano (BSc Education/Maths 1981, and MSc Maths 1984); University of Arkansas, Fayetteville, AR, USA (PhD, 1988)

3.   SCHOLARSHIPS AND HONOURS

Best Graduating Student, GSS Gaya, 1977; Federal Scholarship for exceptional performance in undergraduate studies, Bayero University, Kano, 1979 and 1980; Aminu Dantata Prize for Best Graduating Student in the Faculty of Education, BUK, 1981; Graduate School Dean's List for obtaining 'A' in all courses, University of Arkansas, USA, 1985 – 1988.

4.   WORKING EXPERIENCE

NYSC Lecturer, Kwara State Polytechnic, Ilorin, 1981-

5.   SOME ADMINISTRATIVE POSITION HELD AT B. U. K.

Vice-Chancellor, 2015 to date; Deputy Vice-Chancellor Academics, 1999-2003 & 2010-2014; Dean, School of Postgraduate Studies, 2009-2010; Director, Centre for Information Technology, 2003-2007; Dean, Faculty of Science, 1995-1999; Deputy Dean, Faculty of Science, 1990-1992 & 1994-95; Sub-Dean, Faculty of Science, 1989-1990; Head, Department of Mathematical Sciences, 1991-1999; Congregation Representative, University Senate, 1988-1991; Senate Representative on University Governing Council; 1991-1995 & 1999-2010; Chairman/Member many Council, Senate and University committees

6.   TEACHING AND SUPERVISION

Has taught virtually every course in Mathematics and Computer Science from undergraduate to PhD levels. Has supervised and graduated five PhD Mathematics candidates, 32 MSc Mathematics and Computer Science candidates, and over 50 BSc candidates. Has served, and still serves, as external examiner for coursework (undergraduate and postgraduate) and for postgraduate theses and dissertations.

7. MEMBERSHIP OF PROFESSIONAL BODIES

Member of the following: Nigerian Mathematical Society, Mathematics Association of Nigeria, Nigerian Association of Mathematical Physics, Africa Mathematics Forum (an Internet-based group)

8. SOME EXTERNAL APPOINTMENTS AND ASSIGNMENTS

Member, Governing Board of Aminu Kano Teaching Hospital; 2000-2004 and 2012-2015; Member, Science and Technology Thematic Area, National Technical Group on Nigeria Vision 20:2020; Member, Technical Committee for the Establishment of Northwest University, Kano, 2011-2012; Member, Implementation Committee, Northwest University, Kano; 2012-2013; Member, Governing Council of Northwest University, Kano, 2013 to date; Member, Technical Committee for the Establishment of Jigawa State University, 2010; Member, Implementation Committee, Jigawa State University, Kafin Hausa, 2013-2014; Chairman, Technical Committee for the Establishment of Jigawa State College of Remedial and Advanced Studies (JICORAS), Kafin Hausa, 2011; Member, Governing Council of Kano State College of Arts, Science and Remedial Studies; 1995 to 1998; Member, 1st Visitation Panel to Kano State University of Science and Technology, Wudil, 2006; Member, 2nd Visitation Panel to Kano State University of Science and Technology, Wudil, 2013; Member and Rapporteur-General, TETFund Technical Advisory Group (TAG) on Book Development Project, 2009-2016; Rapporteur-General, Committee on the Blueprint for TETFund Research Fund, 2009-2010; Chairman/Member various NUC Accreditation Panels; Chairman/Member various NUC Resource Assessment Teams.

9. SOME PERSONAL REFLECTIONS

- The seed of passion for teaching was sawn by three of my secondary school teachers: a Hausa student teacher on teaching practice who introduced Hausa orthography in a stimulating and interesting way; a Geography NYSC teacher whose teaching at forms 2 and 3 enabled 80% of the students to get WAEC credit in Geography; and an Economics teacher who only taught us in form 4, but assisted 90% of us to get credit in Economics. [Even though I had not taken any Hausa class beyond secondary school, I became so interested in Hausa that I had a book published in my undergraduate final year, in 1981.] I decided that if a Hausa teacher could make Hausa so interesting, I see no reason why I should not make Mathematics teaching interesting. I have passion for teaching Mathematics and look forward to returning to class after my administrative leave.

- I did very well in Mathematics at the secondary school level (getting A1 in WAEC), in spite of my Mathematics teachers. [My Maths teacher in forms 3 to 5 was a Physicist, and he had to learn Modern Mathematics – set theory – from me!] Fortunately, the situation changed at the University level. I had an excellent teacher when I did my Social Sciences 'A' level (Preliminary course). Even though I did not do science at secondary school, she encouraged me to choose BSc Education in order to continue studying Mathematics. Beyond the 'A' levels, I was fortunate to be taught by Prof. J. O. C. Ezeilo who did his last year of Vice-Chancellorship at Bayero University, Kano (BUK), after being transferred from University of Nigeria, Nsukka. The Moore teaching method used by Professor John Selden and his wife Annie proved too difficult for some of us, but it was just fine for me. I believe that it opened by creativity. My MSc work was also at BUK and Professor Kukuh was the External Examiner.

- In the American system a PhD student has to take many courses before taking the comprehensive examination – and becomes a PhD candidate only after passing the comprehensive examination. I was fortunate to take many courses taught by Distinguished Professor Boris Schein, an internationally renowned semigroup theorist. My other professors included Bernard Madison, Taha, and Paul Long. I became interested in Operations Research due to Taha, while Long strengthened my interest in becoming an effective Mathematics teacher. Naoki Kimura supervised my thesis on free and semi-free groupoids.

PROFESSOR
ANTHONY MONDAY
ETTE

Professesor Anthony M. Ette was born on 6th July, 1952 in Essene Town , Ikot Abasi LGA of Akwa Ibom State .He had his primary School Education in Saints Peter and Paul RCM Primary School , Essene and thereafter, proceeded to Duke Town Secondary School, Calabar for his Secondary School Education In 1966. The Civil war in Nigeria however interrupted his secondary School education which he later completed in 1971.He had his Nigerian Certificate in Education programme (NCE) in the College of Education , Uyo from 1972 to 1975, where he majored in Mathematics and Physics. On graduation from the College, he taught for two years in Saint Vincent Secondary School , Oti- Oron, Oron in Akwa ibom State.

In 1975, he gained admission into the University of Nigeria, Nsukka to pursue an honours degree programme in Mathematics which he successfully completed in 1980 .In Nsukka, he encountered some of his lecturers that later changed his Mathematical orientation and motivation for ever .They were some of the best and brightest Mathematicians that Nigeria has ever produced. These included Professor J.C. Amazigo , of Harvard fame, a complete gentleman and repository of Mathematical wisdom who later supervised his Ph.D. thesis. Mention is also made of late Professor J.O.C Ezeilo, of Cambridge fame, the first Nigerian Professor of Mathematics and the father of Differential Equations in Nigeria. Professor Ette graduated from the University of Nigeria in 1980.

In 1980/81,he did his National Youth Service in Bauchi State , where his primary assignment was , first in Government Girls Secondary School , Azare and lastly , in Government Girls Secondary School , Hardawa, Misau LGA, where he was the pioneer Mathematics teacher of the School.

After his National Service, he went back to the University of Nigeria Nsukka for postgraduate studies and by December of

!982 , he had bagged his M.Sc. degree in Mathematics . He eventually obtained his Ph. D. degree in 1990.

He has been with the Federal University of Technology, Owerri, Imo State since 1983, where he was first employed as an Assistant lecturer and has since risen to the rank of Professor. His research interest is in the area of Nonlinear dynamical problems in Mathematical Theory of Elasticity and Plasticity as well as Continuum Mechanics , where he has made substantial contributions to the global understanding of such systems.

On record, he has successfully supervised many postgraduate students and is still counting. He has been an external examiner, at both undergraduate and postgraduate levels, to many Universities including the University of Nigeria, Nsukkaa ; Abia State University, Uturu; University of Uyo, Uyo; Akwa Ibom State University, Ikot Akpaden and University of Calabar, Calabar .

He is eternally grateful to his late illiterate octogenarian grandmother who first introduced him to sound Mathematical reasoning right from his childhood. His grandmother had a thatch house with mud walls well -smoothened with red earth. The poor woman had two slots on the walls where she recorded all her daily financial transactions by simply inscribing on these walls. She had symbols for one penny, three pence, six pence, one shilling, five shillings and one pound, all which where the currency in vogue at the material time .In some cases, her little grand son - the now professor Ette would be the small boy his grand mother would order to fetch the stick for her to use and inscribe so as to make financial entries on these walls. These symbols could be likened to similar ones used by early Egyptians, Babylonians and the early Greeks. In this way, at a glance on the walls, one could determine the indebtedness of his grand mother or how much she was being owed. Thus, early in his childhood ,Professor Ette was under the academic spell of a highly talented , ingenious and mathematically oriented but illiterate grand mother who handed over to him the anointing ,the unction and the batten for his future Mathematical exploration.

He is a deeply religious man and he is of the Holy Roman Catholic Faith. He is happily married to Mrs Nseobong Ette and the couple is blessed with five children.

PROFESSOR
EMMANUEL JOSEPH
DANIYANG GARBA

Professor Emmanuel Joseph Daniyang Garba was born on the 22/02/1948 in Doemak District of QuaanPan Local Government Area of Plateau State. He had his early up-bringing at the St. Joseph's Primary School Doemak from 1955 to 1961 before proceeding to St. Joseph's College Vom where he obtained the West African School Certificate in 1967. He attended Mount St. Michaels' Secondary School Aliade, Benue State from 1968 to 1969 fort his H.S.C. He attended Advanced Teachers College Zaria from 1971 to 1974 where he obtained a National Certificate in Education in 1974. Between 1974 and 1977 he was at the prestigious Ahmadu Bello University Zaria for his Bachelor of Science Education in Mathematics where he graduated in 1977. He also obtained a master of science (MSc) degree in Mathematics at the same Ahmadu Bello University in 1981. His unquenching quest for higher education took him to Imperial College, University of London, United Kingdom for his Doctor of Philosophy (PhD) and Diploma of the Imperial College (DIC) in Mathematical Physics in 1981 and graduated in 1984.

His working experience at the University level spanned over forty years (1978 – 2018). He took up his first appointment at the Ahmadu Bello University Zaria as graduate assistant in 1978 and upgraded assistant lecturer in 1979. He was one of the pioneering lecturer between 1981 and 1988 at the Federal University of Technology Owerri where he rose from lecturer II to lecturer I. He transferred his appointment in 1988 from F.UT. Owerri to Abubakar Tafawa Balewa University, (ATBU) Bauchi where he rose from Senior lecturer to Professor of Mathematics in October 1995. In 2006, he transferred his appointment from ATBU, Bauchi to University of Jos where he currently serve.

For the years he sojourned in the university system he designed and supervised hundreds of undergraduate projects. He successfully supervised and graduated twenty-six (26) MSc and twenty-two (22) PhD of whom twelve (12) are full professors in their own rights.
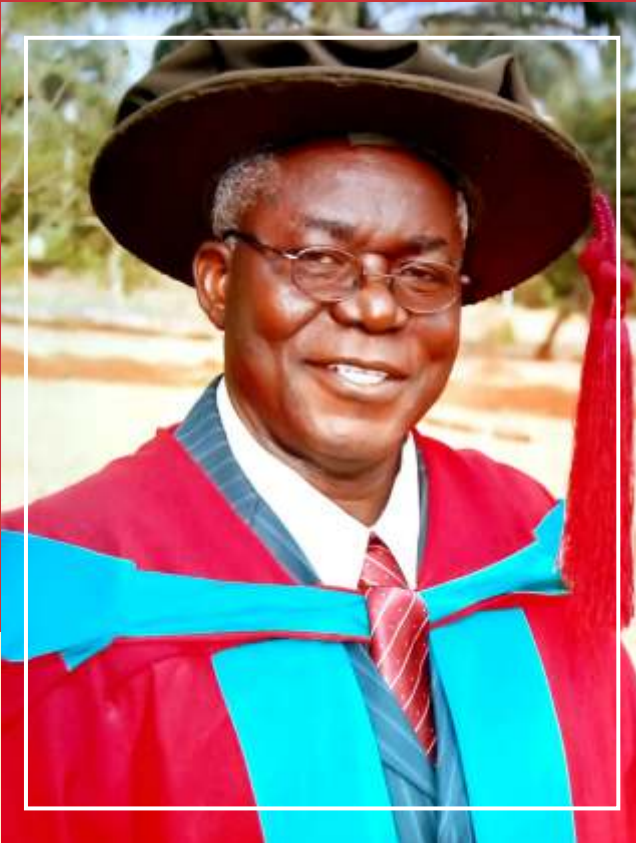
Professor Garba has served in many capacities in the university. These include Head of Department, Deputy Dean, Dean, Director, Member of Council, Editor in Chief of two journals – Science Forum and Jolorn. He has also served as member of university accreditation teams, external examiner to undergraduate and postgraduate programmes and external assessor for professorial candidates in many universities. In 1998, Professor Garba presented an inaugural lecture titled "Applied Mathematics; "the spice that makes the broth tasty". Professor Garba has a score of awards and honours among which are:

(a)   Fellow of the Institute of Industrial Administration of Nigeria (FIIA).

(b)   True Leadership and Good Governance Golden Award by Cornerstone University and Theological Seminary Jerusalem, Israel.

(c)   Grand Teachers Mentor Merit Award (GTEMMA).

(d)   Patron: Progressive Peace Ambassador Network of Nigeria (PANN).

(e)   First Plateau State Indigenous Professor of Mathematics – "THE PLATEAU STATE PROFILE

He has published ninety-eight (98) journal articles in reputable refered National and International journals between 1986 and 2018. He is a member of professionals bodies which include Nigerian Mathematical Society (NMS), Mathematical Association of Nigeria (MAN), Science Teachers Association (STAN). He has attended National and International conferences and Research workshops.

In 2015 he ran for the office of the Executive Governor of Plateau State under the All Progressive Congress Party and emerged second in its primaries.

He is happily married to Everista Garba and they are blessed with four (4) biological children.

PROFESSOR
MOSES OLUDOTUN
OYESANYA

Professor Moses Oludotun Oyesanya attended Adeyemi College of Education where he obtained NCE (Ife) – Maths/Physics (1976). He also bagged his B.Sc. (Hons.), M.Sc., and Ph.D degrees (all supervised by Professor J.C Amazigo) in Mathematics from the University of Nigeria, Nsukka in 1980, 1982, and 1989 respectively. His Ph.D thesis titled, "Secondary Bifurcation and Imperfection Sensitivity of Elastic Structures" earned him the 1989 University of Nigeria Vice-Chancellor's Postgraduate Prize (first prize) as the best graduating Doctoral student in University of Nigeria, Nsukka.

His understanding of the importance of mathematics in science and technology which are the building blocks for development in any country ignited his passion and desires to build men who could make impact in the world of science. This became his motivation to join the education sector as a teacher. His

career has taken him through every facet of the educational sector (primary school through to the tertiary institution). He started as a primary school teacher in 1965. He however joined the University of Nigeria, Nsukka on February 1st 1982 as a Graduate Assistant. In 1994, he transferred his services to the Ogun State University, Ago-Iwoye, where he became the Head of the Department of Mathematical Sciences comprising of Mathematics, Statistics and Computer Science. He returned to University of Nigeria in 1998. Professor Oyesanya rose through the ranks of the academic ladder to become Professor of Mathematics in the University of Nigeria on October 1st 2003.

Professor Oyesanya's main research is in the area of Applied Mathematics where he has made invaluable contributions. He proved several results and made outstanding and breakthrough contributions in this area of study. He has forty three journal articles in reputable national and international academic journals and has authored/co-authored six (6) books. He is a reviewer for many academic journals including Journal of Nigerian

Mathematical Society, Mechanics Research Communications, Journal of Vibration and Control, British Journal of Medicine and Medical Research, National Mathematical Centre. He has successfully supervised some six PhD and over forty M.Sc Students and currently supervising over 10 Ph.Ds working in the area of Fractional Calculus and Applications. He is a member of: The Nigeria Mathematical Society (NMS), Mathematical Association of Nigeria (MAN), Nigerian Association of Mathematical Physics (NAMP), Nigeria Institute of Biomedical Engineering (NIBE).

Professor M.O Oyesanya has served both the University of Nigeria and the Ogun State University in several key academic positions which include:

Head, Department of Mathematical Sciences, Ogun State University (1994-1998)

Head, Department of Mathematics, University of Nigeria (2002-2003, 2006-2008, 2014-2016)

Associate Dean, Faculty of Physical Sciences, University of Nigeria (2009-2010)

Dean, Faculty of Physical Sciences, University of Nigeria (2010-2012)

Chairman and Members of various University Committees including Chairmanship of Senate Time Table Committee.

Professor Oyesanya has contributed a lot to the growth of Mathematics in Nigeria. He had been an Invited lecturer at National Centre for Equipment Maintenance and Development NCEMD - 2011-2015

Resource Person for the Workshop for Retraining of Mathematics Teachers at the University of Nigeria Secondary School Nsukka- 2002

Resource person for Peace House Teachers Summit

He was the LOC chairman for the 1st (2016) and 2nd (2017) Workshop in Mathematical Modeling and Simulation 2016, 2017.

He was nominated for the Fellowship award of the Statistical Association of Nigeria in 1996 for establishing the Department of Statistics at Ogun State University (now Olabisi Onabanjo University) Ago-Iwoye.

He had served as member of Accreditation Panels to some Nigeria Universities

He has been member of the editorial board for NAMP Publications, World Journal of Mechanics, J. of Physical Sciences, Nigeria J. Mathematics and Applications, J. of Mathematical Association of Nigeria.

He has been a member of the Governing Council of Doyen Academy, Enugu and currently the Chairman of the Board of the Academy

Professor Oyesanya has been a great asset to the Nigerian Mathematical Society where he had served as a council Member – Business Manager (1999 -2006) and a two-time LOC Chairman of the Nigerian Mathematical Society (NMS) Annual Conferences held at the University of Nigeria Nsukka (UNN) in 1993 and 1994.

PROFESSOR
OLABISI OREOFE
UGBEBOR

Professor Olabisi Ugbebor was sponsored by the University of Ibadan, Ibadan for further studies in the University of London, England. Her supervisor, Professor S. James Taylor had been supervised by Professor Besicovitch of the famous "Hausdorff-Besicovitch dimension". Measure Theory is at the heart of her supervisor's and her research work.

A.C. Okoroafor and O.O Ugbebor (1991): „Upper Rates of Escape for Stable Processes' studied the limit superior behaviour for

$$Y(s) = \inf |X(t)|$$
$$t > s$$

which is the rate of escape process and proved that the correct function for measuring the asymptotic size of the large values of $Y(s)$, s 0 in Rn, n > 3 is $f(s) = (2s \log \log^1/s)^1/_2$.

In all, Professor Olabisi Ugbebor has supervised 5 Ph.D. students including the current Director and Chief Executive of the National Mathematical Centre, Abuja, Professor S.E. Onah. The 5th, Dr. Sunday Onos Edeki won the prize for the best Ph.D. thesis in Covenant University, Ota in 2017.

One of her former students, Professor A.R. Kimbir, was appointed Vice- Chancellor, Federal University of Agriculture, Makurdi this year.

Professor Ugbebor has presented papers in Rouen, France and University of Toronto, Canada as well as in the University of Cape Town, South Africa in 2004 among others. Professor Ugbebor has published papers in British and German Journals of Mathematics and in many other foreign and local journals. She has written books and was a visiting Fellow at YaleUniversity, New Haven, Connecticut, USA. She also visited the Laboratoire in the University of Paris VI (Place Jussieu), twice.

Following her brilliant performance at the Higher School Certificate Course, the Federal Government of Nigeria awarded her a scholarship to study Mathematics at the University of Ibadan from 1969 – 1972, where she was the only female in a class of seven Mathematics majors. She graduated from the University of Ibadan in 1972 with a Second Class Upper Honours degree in Mathematics. Again, on account of her outstanding academic brilliance, she was given a scholarship by the University of Ibadan to undertake Postgraduate studies at the University of London.

She successfully completed and was awarded the Postgraduate Diploma in Statistics at the University College London in 1973 from the FIRST University Statistics Department in the world. She then embarked on her Ph.D. degree course in

Mathematics in 1973 at the University of London and was awarded the University of London Ph.D. degree in Mathematics in 1976 at the age of 25, an outstanding academic achievement anywhere in the world. By obtaining the Ph.D. degree in Mathematics in 1976, Professor Olabisi Ugbebor indisputably became the FIRST Nigerian Woman to obtain the Ph.D. degree in Mathematics. After obtaining her Ph.D. degree in 1976, Professor Ugbebor returned to the University of Ibadan and joined the academic staff in the Department of Mathematics, where she has remained to date. It is remarkable that from Form 1 at Queen?s College, Lagos to her Ph.D. degree at the University of London, Professor Olabisi Ugbebor studied throughout on scholarships based purely on outstanding academic brilliance.

DISTINCTIONS AND AWARDS

- FIRST Nigerian Woman to obtain a Ph.D. degree in Mathematics (Awarded by the University of London in 1976 at the age of 25) 1976
- First Woman Professor of Mathematics in the University of Ibadan
- Appointed Reviewer, Zentralblatt fur Mathematik, West Germany 1980
- Visiting Scientist (February 1 – May, 1981) at the Laboratoire de Calcul des Probabilites, University of Paris, VI, Paris, France
- Visiting Fellow at Yale University, New Haven, Connecticut, USA, August, 1981French Government Visiting Fellowship (Oct. 1 – Dec. 31, 1988) at the Laboratoire deCalcul des Probabilites, University of Paris VI, Paris, France
- Speaker at the 21st Conference on Stochastic Processes and their Applications, held in York University, Toronto, Canada, June 14 – 19, 1992
- FIRST Nigerian Woman to be appointed Ag. Head, Department of Mathematics, University of Ibadan (1996 – 2003) and (2007 – 2009).
- Invited Speaker, International Workshop on Mathematics for Development, Uppsala University, Sweden; Abdus Salaam International Centre for Theoretical Physics, Trieste, Italy; Third World Academy of Science et al. held at Arusha, The United Republic of Tanzania, 19 – 21 November, 2001.
- Speaker at the African Econometrics Society Conference in Cape Town, South Africa, held June 30 – July 4, 2004.
- Resource Person and Team Leader 2007 Open Learning Initiative Faculty Workshops at Carnegie-Mellon University Pittsburgh, Pennsylvania, USA from June 19 to 21, 2007.
- Team Leader at the 16th International Mathematical Competition Budapest, Hungary, 25 July – 30 July, 2009.
- Invited Keynote Speaker at the African Women in Mathematics Association (AWMA) Conference held in Senegal from 08 – 09 July, 2016.
- Resource Person at the African Mathematical School (AMS, 2016) held at Landmark University, Nigeria from August 1st – 12th July, 2016.
- In April 2014 she was appointed Pastor Enoch A. Adeboye Professor of Mathematics thus becoming the FIRST mathematician in the University of Ibadan to be appointed to the Pastor Enoch A. Adeboye endowed Professorial Chair in Mathematics to date.
- On 8th July 2014 at the Inaugural Meeting of the Nigerian Women in Mathematics, Professor Olabisi Ugbebor was elected the FIRST President of Nigerian Women in Mathematics to date.
- On August 22, 2017 she became a Fellow of the Mathematical Association of Nigeria (FMAN)

Professor Olabisi Ugbebor has forty-five publications and belongs to a number of learned societies locally and internationally

Felicitations

WELL DESERVED

It is with great pleasure that we congratulate

PROF. MOSES O. OYESANYA

on receiving this special recognition for his immense contributions to academic development. We are deeply thankful for your selfless services towards academic excellence and capacity building of all your students as well as colleagues. We are very proud of you.

May the Almighty God continue to bless you. A father, great hero and mentor! Thunderous cheers, enjoy the encomium as they fly in!

Dr. & Dr.(Mrs) O. C. Collins

GOODWILL MESSAGE FROM
PROF M.O OYESANYA'S FAMILY

We the family (wife and children) of

Prof M O. Oyesanya

wish to say a very big congratulations to our dearest Daddy on this very day as he becomes a fellow of the National Mathematical Society.

GOODWILL MESSAGE:
PROFESSOR OLABISI OREOFE UGBEBOR

With profound gratitude and joy, we, Dr. S. O. Edeki, Mrs Mabel E. Adeosun, and Okoro O. Joshua wish to heartily congratulate our mentor, role-model, lecturer, and unique supervisor Professor Olabisi O. UGBEBOR On the occasion of her

INVESTITURE AS FELLOW OF THE
NIGERIAN MATHEMATICAL SOCIETY.

Prof. O. O. Ugbebor fondly called "mama" is a mother and a mentor
in all ramification including the field of Mathematics. She is indeed a mother
to many. She is always after the growth of every student both
in academics and spirituality. In fact, words will not be enough to qualify
your impact on humanity! Your "modelled" Mathematicians are proud of you.
God's protection and mercy upon you and your entire family will know no bound.

COURTESY:
Dr. S. O. EDEKI *(Covenant University)*
Mrs Mabel E. ADEOSUN *(University of Ibadan)*
Joshua O. OKORO *(Landmark University)*

The Department of Mathematical Sciences
Bayero University, Kano wishes to
congratulate you Sir

PROFESSOR MUHAMMAD
YAHUZA BELLO
*VICE CHANCELLOR, BAYERO UNIVERSITY,
KANO STATE*

for your induction as a fellow of the
Nigerian Mathematical Society. We wish
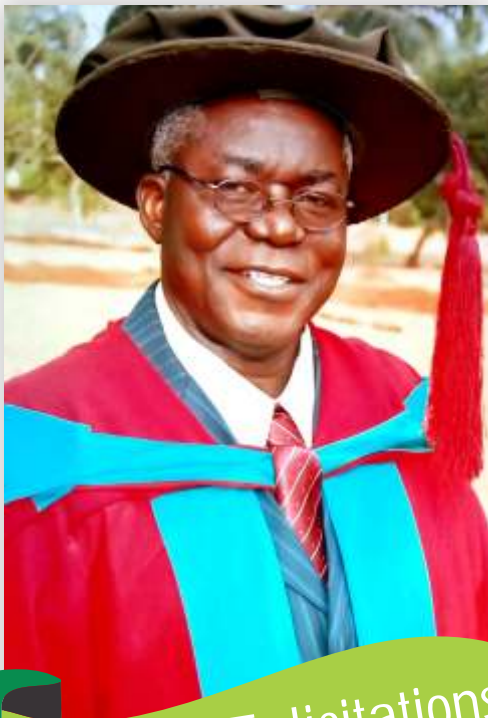you more achievements in your future
endeavors Sir.

THE FAMILY OF

PROFESSOR MUHAMMAD
YAHUZA BELLO

*VICE CHANCELLOR, BAYERO UNIVERSITY,
KANO STATE*

heartily congratulates our dearest father for the well
deserved investiture as fellow of the Nigerian Mathematical Society.
We wish you greater height in days ahead.

PROF. MOSES. O.
OYESANYA

You are a pride to knowledge, science and engineering. Through patience and pains taking efforts, you led your students of all ages through the path and depth of academic discovery and excellence to a level of fulfilment.

We salute your courage and congratulate you for a well deserved conferment as Fellow of Mathematical Society of Nigeria, NSM.

May God continue to bless the work of your hand in Jesus Name, Amen .

Dr and Dr (Mrs) Anthony & Mary Okofu

Hearty Felicitations

CONGRATULATORY MESSAGE

ON BEHALF OF THE EDITORIAL BOARD AND THE ASSOCIATE EDITORS OF THE JOURNAL OF THE NMS, I CONGRATULATE

Professor G. O. S. Ekhaguere *FNMS*
(former Vice President and Associate Editor)

on the successful International Conference on Contemporary Mathematics and the Real World, (organised to mark the 70th birthday anniversary of Professor G.O.S.Ekhaguere) held from May 22 - May 25, 2017 at the Department of Mathematics, University of Ibadan, Ibadan, Nigeria

Professor Charles E. Chidume *FNMS*
(former Secretary, Board member & Associate Editor)

on the successful International conference on Non-linear Analysis, (organised to mark the 70th birthday anniversary of Professor Charles E. Chidume) held from March 13 –March 15, 2018 at the Department of Mathematics, University of Nigeria, Nsukka, Nigeria

Professor S. S. Okoya *FNMS FMAN*
Editor – in – Chief, Journal of the NMS (2011 - date)
Editor, Notices of the NMS (2016 - date)

S. S. Okoya: *Can we briefly meet you?*

A. G. Fareo: My name is Adewunmi Gideon Fareo. I am from Ilesa in Osun state. However, I was born and grew up in Lagos state. I am one of five children born to Mr and Mrs Adebanji Stephen Fareo. I am married with two children, to Phumeza Fareo, a South African. My daughter's name is Tomilola Lulonke Fareo and my son's name is Ayomide Stephen Fareo. I currently work and reside in Johannesburg, South Africa.

S. S. Okoya: *When did you know you wanted to be a Mathematician?*

A.G. Fareo: Well, to be honest, like some other people, I did apply to study Computer Engineering. It was not on my mind to study Mathematics. However, my admission marks couldn't make available my course of choice. This is how I landed in the Mathematics arena, which is a choice I loved, except that, in Nigeria in those days, and perhaps till now, people often reduced a degree in any physical science courses like Physics, Chemistry and Mathematics to a lifetime of teaching in a secondary school classroom. Now, that used to be a discouragement.

Note that there is absolutely nothing wrong with being a high school teacher. What is unbecoming is the idea that one does not have as much degrees of freedom as the others may have in life, bearing in mind the socio-economic situation in Nigeria. In a nutshell, I only knew I would be a mathematician the moment I gained admission to study Mathematics at OAU, Ile-Ife.

S. S. Okoya: *Who encouraged or inspired you (mathematically or otherwise)?*

A. G. Fareo: Besides the encouragement everyone gets from family members, with the usual praise and moral support, no one else encouraged me. But then, what encouraged me was a desire to prove wrong the idea that studying Mathematics limits you.

S. S. Okoya: *Are there courses or other experiences that define OAU for you? What was your favorite year at the department?*

> *What encouraged me was a desire to prove wrong the idea that studying Mathematics limits you.*

A. G. Fareo: Looking back, the experiences that I always cherished a lot revolve around the hard work that myself and some of my classmates invested in our studies, in those years. We encouraged one another and spent a lot of time doing Mathematics. I learned a lot from them. My favorite year at the department was my final year. I was excited that soon, I will be going to see about the world out there.

S. S. Okoya: *How would you describe your research area to a student?*

A. G. Fareo: My research area involves using symmetry analysis to simplify and solve models in fluid mechanics and heat and mass transfer. I work on models some of which describe hydraulic fracture propagation. Hydraulic fracture is an American technology in which large volumes of water with some additives are injected into shale rocks thousands of kilometers in the ground in order to enhance the flow of shale natural gas trapped in shale rocks to the surface where it is collected. It is an alternative way to generate natural gas.

S. S. Okoya: *How did you get connected with South Africa?*

A.G. Fareo: I came to study for one year at the African institute for Mathematical sciences, in Cape Town South Africa in 2005. It was a post graduate diploma in Mathematical sciences. I then proceeded to study for my masters and phd at the university of the Witwatersrand. I currently work in the same school.

Having studied here, while presenting myself to be a man of good and Godly character, it was easy to be accepted as a member of the academic family.

S. S. Okoya: Was there any point in time that you were discouraged as a mathematician? Can you share how you dealt with one of such discouragements?

A. G. Fareo: The only time I was faced with a possibility of discouragement was after I was done with my program at AIMS in Cape Town. I needed to do my masters, and the anticipated funding was not coming through yet. Without such a funding, I would not have any reason to remain in South Africa. I wanted to complete a master's degree, before going back to Nigeria.

Well, I am a Christian. I had to pray and be positive. Indeed, in no time the funding came through.

S. S. Okoya: What skills that you acquired at OAU have been applied in your current research work?

A. G. Fareo: Fluid Mechanics. The fluid mechanics skill I acquired during my 3rd and 4th year have being handy.

S. S. Okoya: How does a student's final grade from the university affect chances of getting a job?

A. G. Fareo: A student's performance in the 3rd and final year of study is definitely what potential supervisors and sponsors look at, before such a student is considered for funding for post graduate studies abroad. Though I may not know much about the correlation between final year grades and employability in relation to Nigeria, but then, in South Africa, employers like to know how students have performed in the last year of study before such students are called for an interview.

S. S. Okoya: The main issues affecting societies nowadays and Nigeria in particular can be synthesized in National security, Government/Politics, Economics, people's welfare. Do you have any proposal for dealing with them as a mathematician?

A. G. Fareo: Well, I believe that the problem with Nigeria, as with most African countries, is rooted in greed and corruption. At the end of the day, it boils down to how our political leaders care about the welfare of the people who voted them in. This informs how they make and shape policies to the betterment of the masses.

As a mathematician, more so a Christian, I will quote pastor Tudor Bismark who says sound decision making and discipline is in the success equation for a country and its inhabitants to prosper, while prayer comes in the revelation equation.

S. S. Okoya: What are your hobbies?
Spending time with my family. I also watch a lot of movies.

S. S. Okoya: Do you have any word of advice or wisdom for current Mathematics students?
A.G. Fareo: Whatever your hands find to do, do it well and with all of your heart. I will advise current mathematics students to put in more hardwork towards their study. Through hardwork, comes mastery.

S. S. Okoya: What is something people might be surprised to learn about you?
A. G. Fareo: Nothing really.

You are INVITED

The Editor-in-Chief invites all readers, from students to retired folks, to get more involved with Notices as authors, writers of Letters/send pictures captions to the Editor, and so on:

E-mail your interests, ideas, pictures of events with captions or suggestions to *noticesnms@gmail.com*

www.nigerianmathematicalsociety.org

Nigerian Mathematical Society

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Portharcourt.

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Email :-edem-david19@yahoo.com

Ref : NMS/PRES/2017/01　　　　　　　　　　　　**Date : February 4, 2017**

TRIBUTE IN HONOUR OF DR. EDEM EFFIONG DAVID, TREASURER OF THE NIGERIAN MATHEMATICAL SOCIETY (MAY 2015 - JAN 2017)

The President, Council and Members of the Nigerian Mathematical Society (NMS) join the family and the University of Port Harcourt community to mourn the sudden demise of our dearly beloved colleague and dedicated Council member. Dr. Edem Effiong David.

Dr. David like a candle in the wind, traversed mother earth with indelible foot prints until he was snatched away by the cold hands of death in the early hours of January 3rd, 2017. Your brief but eventful life was positively infectious and we attest to the fact that you were a blessing to many who came your way from diverse walks of life and most especially in your chosen field of endeavour which included Teaching and Research in Pure Mathematics with particular interest in Algebra.

Dr. David played significant role in the re-invigoration of the NMS and remained committed to the wellbeing and advancement of the Society even until his last day on terrestrial earth. He served as the Chairman, Local Organizing Committee of the 27th Annual Conference of the NMS held at the University of Portharcourt in May, 2008. He was the Treasurer of the Society from May 2015 till his death. He had served earlier as an Ex-Officio member on the Council from May 2011 to May 2015. His most recent assignment with the NMS was his trip to the University of Nigeria, Nsukka from December 12 to 14, 2016 for a meeting with the President and Secretary of the Society. There, he was on the team which paid condolence visit to the family of Professor Eke, a former NMS Council member who also died recently; unknown to us that he was performing his last official assignment with the Society.

Dr. David was a good discussant on burning issues of national and social interests with whom you could have no dull moment. He had the deepest interest of the Society at heart, promptly responding to burning issues with sincere counsel and advice. He had actively participated in the activities of the Society in his life time making him to travel all over the country.

We of the NMS mourn his demise and wish the family and the UNIPORT community the fortitude to bear the irreplaceable loss.

MAY HIS GENTLE AMIABLE SOUL REST IN PERFECT PEACE.

ADIEU TO A GREAT MATHEMATICAL MIND.

FEBRUARY 4, 2017.

35

*In case of reply the number and
date of this letter should be quoted*

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Fax No: +233 (0)30-2229786

Republic of Ghana

MINISTRY OF INFORMATION
P.O.BOX M41
ACCRA

EMAIL: info.mof@moi.gov.gh

My Ref. No: MoI/PR/012
Your Ref. No:

19TH FEBRUARY, 2018

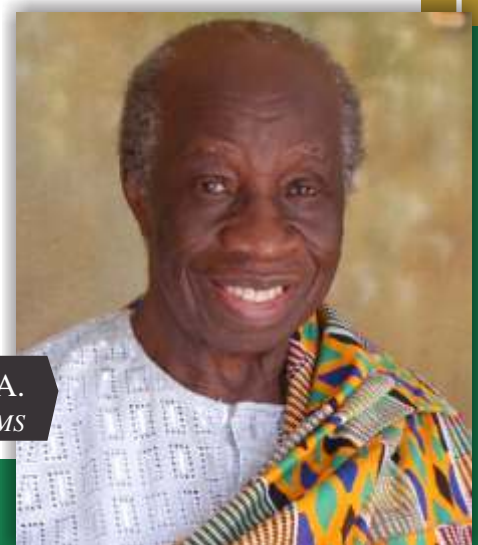**PRESS RELEASE**

STATE BURIAL FOR PROFESSOR ALLOTEY

Government announces for the information of the public, that there will be a state burial for Professor F. K. A. Allotey, on Friday February 23, 2018 at the forecourt of the House. Professor Allotey died on November 2, 2017.

According to the President, "the good Professor is a state asset who gained an international reputation that will impact on generations yet unborn, hence the decision to offer him a full state burial for the whole nation and the world to know the value of that we have lost."

Professor Allotey was a renowned scientist who gained world-wide acclaim for his work on Soft X-Ray Spectroscopy which established the principle widely known as the "Allotey Formalism".

He was once the Pro-Vice Chancellor of the Kwame Nkrumah University of Science and Technology.

HON. MUSTAPHA ABDUL-HAMID
MINISTER

Professor F. K. A. Allotey, *FNMS*

NMS
THE NIGERIAN MATHEMATICAL SOCIETY

TRIBUTE IN HONOUR OF PROFESSOR SUNDAY OSARUMWENSE IYAHEN, FELLOW OF THE NIGERIAN MATHEMATICAL SOCIETY (FNMS)

The President, Council and Members of the Nigerian Mathematical Society (NMS) join the family and the entire Benin kingdom to mourn an illustrious son, our dearly beloved colleague, father and mentor PROFESSOR SUNDAY OSARUMWENSE IYAHEN. Professor Iyahen, like a candle in the wind, traversed mother earth with indelible footprints until he was snatched away by the cold hands of death. His eventful life was positively infectious and we attest to the fact that he was a blessing to many who came his way from diverse walks of life and most especially in his chosen field of endeavour which included Teaching and Research in Mathematics.

Professor Iyahen's last engagement with the NMS was his presence at the 34th Annual Conference which was held at the University of Lagos in 2015 when he together with eleven (11) of his contemporaries in the field of Mathematics were honoured with the award of the Fellow of the Nigerian Mathematical Society, FNMS.

Professor Iyahen's exit at this time is indeed a great loss to the world of Mathematic al Sciences. We of the NMS mourn his demise and wish the family and the entire Benin kingdom the fortitude to bear the irreplaceable loss.

MAY HIS GENTLE AMIABLE SOUL REST IN PERFECT PEACE.

ADIEU TO A GREAT MIND.

MARCH 16, 2018.

Signed:

Prof. Ninuola Ifeoluwa Akinwande FNMS
The President of The
Nigerian Mathematical Society (NMS)

Thank You

for supporting mathematics

CHIEF AJIBOLA OGUNSOLA *FNMS*

He qualified as a Fellow of the Institute of Actuaries (FIA) of England in July, 1973. In 1974, he became a Fellow of the Royal Statistical Society of England (FRSS). Chief Ogunshola has been a Fellow of the Institute of Directors since 2004, Fellow of the Nigerian Institute of Public Relations (FNIPR), 1998. He was invested as a Fellow of the Nigerian Mathematical Society (FNMS) in 2016.

To learn more about giving to the NMS
and our beneficiaries, visit www.nigerianmathematicalsociety.org
or contact the President of NMS, Professor N. I. Akinwande at aninuola@gmail.com

www.nigerianmathematicalsociety.org

UNN
2019

NEXT NMS CONFERENCE HOLDS AT
UNIVERSITY OF NIGERIA, NSUKKA

The 38th Annual Conference of the Nigerian Mathematical Society, UNN 2019, holds at the University of Nigeria, Nsukka. The local organizing committee (LOC) for the 2019 conference congratulates all Council members, particularly, the Vice Chancellor and members of the local organizing committee of the Bayero University Kano (BUK) for a successful hosting of the NMS conference 2018. We believe and pray that this event will impact positively on the growth of the University and the nation.

We also wish to also felicitate with the newly inaugurated fellows of the Nigerian Mathematical society (FNMS); congratulations for this great achievement, more feathers to your prestigious cap. The current council members of the NMS have done a good job; we appreciate their efforts and pray for divine wisdom and guidance for them to move the society to greater heights.

The University of Nigeria is prepared to host the society come 2019. We look forward to welcoming distinguished mathematicians from Nigeria, Africa and the rest of the world to the Lions' and Lionesses' Den in the forth – coming NMS conference 2019.

Details concerning the conference will communicated to all members of the NMS as soon council and the LOC agrees on an appropriate date for the conference.

Prof Godwin C. E. Mbah
Chairman LOC, UNN 2019
Head of Department of Mathematics, UNN

Dr. Dennis F. Agbebaku
Secretary LOC, UNN 2019