



Jan. 2019
Edition

FBS Newsletter

A Publication of Faculty of Biological Sciences, University of Nigeria, Nsukka

Principal Officers

Prof Sabinus Oscar O. EZE
Dean, Faculty of Biological Sciences

Dr Charles O. Nwuche
Associate Dean, Fac. of Biological Sciences

Prof F.C. Chilaka
Head, Department of Biochemistry

Prof Alfreda O. Nwadinigwe
Head, Plant Science & Biotechnology

Prof L.I. Ezeogu
Head, Department of Microbiology

Prof B.C. Nwanguma
Head, Dept. of Molecular Genetics

Prof P.A. Ubachukwu
Head, Dept. of Zoo & Envtl. Biology

Dr. G.E. Odo
Chairman, Publication & Colloquium Committee

S.E. MBA
Faculty Officer, Faculty of Biological Sc

Inside this Edition

- From the Dean's Desk
- Inauguration of Faculty Accreditation Committee
- Training of Exam Officers moves to the Departmental level
- Interviews
- 2018 Inter-Faculty Staff Football Competition
- Fobssa Angle
- Birthdays and Christmas wishes
- Grants and Scholarships
- Students' and the Dean Interacts



Eni-Njoku Library



FROM THE DEAN'S DESK

Exam result computation has been procured and all the exam officers and level exam officers have been trained both at the faculty and departmental levels.

Distinguished colleagues, as the year 2018 comes to a close and we eagerly await to herald the coming 2019 with joyful hope and anticipation, we wish the entire staff and students of our great faculty, the faculty of biological sciences, a merry Christmas and a very prosperous New Year.

We would like to take this opportunity to highlight some of the things we have been able to do since 1st August 2018 when we took over the leadership of our Faculty.

Immediately we came on board, we constituted committees and made some appointments. For the first time for over a decade, committee members were given letters of appointment along with their terms of reference. Most of them are already performing beyond expectations. The examination committee led by Rev Sr. Prof. MEU Dibua has really taken the reform agenda of the Dean to the next level. We urge her to do more as combined honour students are finding it extremely difficult to graduate with their colleagues. Level exam officers have been appointed in the different departments. Software for

The postgraduate committee has done extremely well too. We commend Prof E.A Eze for putting in his best in this regard. We need to start Faculty PG seminars where Faculty members will come together to know what others are doing. This will foster cohesion and interdisciplinary research that will lay the basis for the attraction of Faculty research grants. This takes us to the Grants and Scholarship committee which is led by Prof I.M. Ezeonu. This administration holds this committee dearly to its heart and we hope that in no distant time, our Faculty shall begin to attract research grants. We have absolute confidence in the members of this committee especially the chairperson.

But for ASUU strike, the publications and colloquium committee has lined up programmes for execution for last quarter of 2018. We deeply appreciate all that Dr. Greg Odo and his team has done so far. The anti-plagiarism committee was charged, among other things, with ensuring the effective use of the 5th edition of yellow book in appraisal especially to the professorial cadre. I wish to remark that the faculty is

indebted to them for all their efforts. This committee has helped in establishing *prima facie* cases for the promotion of three of our colleagues to the professorial cadre. We urge Prof. C.D. Nwani to do more and implement our action plans with respect to our post graduate programme on thesis writing.

The welfare of colleagues is dear to this administration and we therefore urge Dr (Mrs) U.O. Njoku (chairperson of the welfare committee) and her committee members to do more. She is almost starting from the scratch to build the welfare. We commend her and her committee for the much they have done so far. Let us please support and encourage them each time they happen to drop by our offices to notify us of one project or the other.

The administration took off with the creation of what I may call the “sanest” whatsapp group. We can attest to the effectiveness of this medium in communicating important and official information to staff members of the Faculty. We owe many thanks to Mr Urama, D.C. while we await the completion of the faculty email and SMS platforms by him. We therefore implore him to sit up as the job is only half way through. The faculty quarterly newsletter has taken a debut despite initial challenges. This is the second edition. We appreciate Mr. Chike O. Chiejina for this painstaking job he is doing. Members of your editorial team are really wonderful.

The website for Bio-Research has been put in place. Faculty members are enjoined to visit www.bioresearch.com.ng. Colleagues are being called upon to make critical input on the website. Please send your observation/comments to emeka.nweze@unn.edu.ng or to sabinus.eze@unn.edu.ng. It is our desire to get there! Dr. Emeka Nweze is really doing a good job there. Keep it up until it goes open access.

We came on board when electric supply to Jimbaz was erratic. Phase failures were the order of day. But presently, Jimbaz has stable power supply. Thanks to the effort of Prof O.U. Njoku who

never relented. The Vice Chancellor has requested the relevant organs of the University to establish the requirement(s) for the installation of the sound proof generator in Jimaz. The report has gone back to him and we are awaiting further directives.

The physical planning unit has mapped the southern and northern borders of Jimbaz for landscaping and possible construction of descent car parks to accommodate staff cars. We are still expecting the submission of their report for further necessary action.

Those of us who pass around Jimbaz at night should have noticed the avalanche of flood lights round the building. This is in line with our desire to improve on security around the building. We now have security men on permanent shift at the building and of course other security measures are being put in place.

There is a new partnership which the Dean is negotiating on behalf of the Faculty, this might give us a brand new building that may provide additional seminar rooms and staff offices. Colleagues will be adequately informed when it yields the desired fruits.

We are happy to announce that this administration was blessed with four new Professors within three months of being in office. And as we are about to celebrate the Yuletide, one of us got promoted to the rank of reader. We have held regularization and confirmation exercises twice, we have held promotion exercise successfully and some of the affected staff have visited the Dean's office with their promotion letters. Congratulations to you all. We have not wasted time in calling for faculty appointments and promotions (A & P) meetings which has culminated in the successful appraisal of three of us to professorial cadre. We sincerely thank the members of the Faculty selection committee for this unique support. It is also worthy of note that four of our Graduate assistants and Assistant Lecturers are now in Japan and US for doctoral programmes. We shall continue to process more applications as they come. We have also allocated temporary offices to 7 of our

colleagues to enhance their service delivery. We have also carried out repairs and re-gassing of two air conditioners in staff offices to help in ease of service delivery.

It is worthy of note that during the first Faculty board meeting, our members showed some interest in the digitalization of our proceedings. We shall be extending this approach to all appraisal exercises from 2019 because of monumental paper wastages. It is becoming too expensive and cumbersome. Let us note that we are making effort to lay solid foundation for the department of Molecular Genetics and that of Marine Science and Aquaculture to enable the resource verification team from NUC to visit the two departments.

More importantly, I want to inform us that no memo or mail has lasted on the Dean's table for more than an hour since 1st August when we took over. Colleagues are encouraged to put a call to the Dean without any hindrance. He will always pick your calls and attend to you. There is no need for an intermediary.

Dear distinguished and highly respected colleagues, as we thank you for your warm support in 2018; it is our belief that 2019 will be better. To the five Heads of department, your wonderful support and cooperation in 2018 was unequalled. We thank our able Associate Dean, Dr. Charles O. Nwuche. He has done well.

The dean has discussed with the deans of faculties we hold their first year students in trust for them before moving to UNEC on the need to provide academic advising to these students who for years now do not have such privilege. Soon we shall be making appointments in that regard.

The Dean once again wishes you and yours a wonderful Christmas celebration and a prosperous 2019.

God bless Faculty of Biological Sciences and indeed the University of Nigeria Nsukka

INAUGURATION OF THE FACULTY ACCREDITATION COMMITTEE

Reported by Miss Nene O. Uchendu
(Biochemistry Department)



The inaugural meeting of the Faculty accreditation committee took place on Wednesday 24th October, 2018 at the Dean's office, Faculty of Biological Sciences. Delivering the inaugural speech and to officially inaugurate the committee, the Dean, Faculty of Biological Sciences, Prof Sabinus Oscar O. Eze highlighted the functions of the committee which includes the following:

1. to oversee the accreditation committee of the various departments as constituted by their Heads of Department
2. to kick start the process of ensuring full accreditation of all the departments in the faculty
3. to liaise with relevant organs/units of the University to achieve a successful accreditation
4. any other function that will ensure full accreditation for the Faculty by 2019.

In his acceptance speech, the Chairman of the Committee, Prof. O. U. Njoku thanked the Dean for the opportunity to serve and finding the committee worthy of trust.

He gave a brief summary of a breakdown of the activities the committee submitted to the dean which includes:

First Quarter -

- a) Examiner's reports
- b) Vetting of Questions
- c) Marking scheme

- d) Practical manuals
- e) External Examiners
- f) Renewal of External Examiners report

Second Quarter –

- a) Offices
- b) Staff mix and strength
- c) in staff/students ratio
- d) Resource verification

The meeting generated a lot of reactions and emotions from members such as Prof. B. C. Nwanguma, Prof. L. Ezeogu and Prof J. O. Ugwuanyi. The committee traced the challenges the Faculty is facing to admission of so many students in both the undergraduate and postgraduate levels without commensurate remittance of revenue to the various departments and suggested that it should be addressed.

Accordingly, all the HOD's were directed to do a memo to the Dean stating:

- i) The number of postgraduate (MSc and PhD) students they have
- ii) The bench space/laboratory facilities available
- iii) The number of approved PG Supervisors

The committee believes that these measures will enable the Dean to make representations to the Vice Chancellor on challenges facing the Faculty.

Training of Exam Officers in Biochemistry Department

Covered by Miss Nene O. Uchendu
(Biochemistry Department)

The training of level exam officers for Biochemistry Department was held on Wednesday, 31st October 2018. The software for the training (**CGPA Computer**) was in four modules namely: Grade Sheet, Broad Sheet, CGPA Computation and Graduands Broadsheet.

The highlights of the training were:

- i) To input student's particulars with all the courses they registered for each of the sessions
- ii) The "Broad Sheet" accommodates carry-over students from their second year as the number of courses increases from 20 – 40 spaces
- iii) Generation of students' result spread sheet for result approval
- iv) The spread sheet provides the total credit earned (TCE), total grade point (TGP) and grade point average (GPA) of each student for a session
- v) The "CGPA" module captures the student's worksheet in semesters for the four academic years. In addition, it helps to vet the grade after any editing, This can be certified and printed in pages

- vi) The "Graduands broadsheet" is a summary of the graduating students, it adds students to the Spreadsheet as they graduate

The major advantage of this software/application are as follows:

- i) it enhances computation of result by making it less stressful in typing as well as minimizing errors
- ii) the result of each student for a session can be sent by mail to all lecturers for academic advising
- iii) the use of the software package does not require internet and can be done at the examiner's convenience, however, backing up on google drive (www.drive.google.com) is strongly advised to prevent loss of information in occasions of system crash or theft/loss
- iv) the "difference/conflict" encountered in result computation by the Department and University Administration (i.e. Exams Unit) will be drastically reduced because of the use of the same software in result computation.



Training of Examination Officers, in the Department of Plant Science and Biotechnology, on the use of result Computation Software

The training commenced exactly by 10am on Wednesday, 17th October, 2018 in the Plant Physiology seminar room of the Department of Plant Science and Biotechnology. In his opening remarks, the Dean, Prof. Sabinus Oscar O. Eze introduced the trainer and his team to the Head of Department, Prof. Mrs. A. Nwadinigwe and all level exam officers of the Department. The Dean buttressed his stand on alleviating the problems associated with processing students results, emphasizing that under his administration as Dean of the Faculty of Biological Sciences (FBS) the need to increase the number of graduating students in the Faculty was one of his primary objectives. He pointed out that maximum utility of the result-computation software will drastically reduce to the barest minimum all challenges of missing results and files as well as other problems encountered by students in their final years. After enumerating some benefits of the software, the Dean urged not only exam officers, but members of staff, to adopt the use of the software, indicating that the software was automatic, simple to use, accurate in computation.

The HOD welcomed the Dean and the visitors. She expressed her gratitude over the new development. She encouraged the exam officers to be aptly attentive to the training session as they were to

be the ones to train other members of staff not present.

A detailed lecture was delivered on the use of the software, backed up by a comprehensive practical hands-on-training via power PowerPoint presentation. All participants had the software installed in their personal computers and they were convinced beyond doubts on the effectiveness of the software in simplifying the computation of students' results. The instructor explained that the use of the software required no internet connectivity, thus making it possible for examination officers to work at any location of their choice.

At the end of the training, the HOD thanked the visitors immeasurably and prayed that the implementation of the software be adopted with immediate effect so that problems arising with discrepancies on computing and processing students' results be remedied once and for all. The HOD also thanked the new exam officers for sparing their time to participate in the training.

Following the vote of thanks given by the HOD, the trainer and his team were grateful and offered to be of assistance where need be. The training ended with all participants of the seminar/training taking group photographs with the HOD and trainers.



Training of the Level Exam Officers for the Department of Microbiology

The training of the level exam officers for the department of Microbiology was held on the 19th, October, 2018. The three man team from Computer Science Department arrived the Department's Conference room for the training 30 minutes before the time for the setting up of projectors and immediate transfer of the software for CGPA calculation of students to the level exam officers. All the level exam officers of the department (6 members) were also in attendance and participated fully and actively in the training.

The training was quite educative and the software is a real made-easy tool for calculation of students' semester CGPA. Some suggestions were made on some features that could be modified/added on the software and the trainers noted them down with the promise of forwarding an updated version. The training which lasted for about two hours came to an end with picture sessions. It was indeed a fulfilling experience for the level exam officers of the department as the work now promises to be much easier and far more interesting with the aid of the examination software.



An Interview with the Deputy Vice Chancellor (Admin), PROF JAMES C. OGBONNA

Reported by Chike Chiejina, Department of Zoo & Environmental Biology
& Onyeka Chidimma P, Department of Microbiology



Prof. James Chukwuma Ogbonna is the Deputy Vice Chancellor (Academics), University of Nigeria, Nsukka. He obtained a Bachelor of Science Degree (Botany) with First class honours (1982) from University of Jos, Nigeria; a Master's Degree in Engineering (Fermentation Technology) (1988) from Yamanashi University, Japan; and Doctor of Philosophy (Applied Biochemistry) in 1991 from University of Tsukuba, Japan. He is a Professor in the Department of Microbiology, University of Nigeria, Nsukka (2006 – Date).

Reporter: Sir what was your vision before assuming the office as the Deputy Vice Chancellor, (Academics)?

Response: The vision of the Deputy Vice Chancellor must always align with that of the Vice Chancellor. The Deputy Vice Chancellors support the vision of the school and that of the Vice Chancellor. It is very important to understand that this present administration has been very active, developing strategies to push university of Nigeria to a global academic status. In terms of human resources and visibility, we are ranking number one at the national level. In the last ranking, we ranked number two after university of Ibadan. But, this was largely due to the attitude of some of staff members. Staff members were mandated to update their staff profile online. Unfortunately, some did not adhere to this. Since most of these rankings are based on information harvested online, we took the second position. In terms of appraisals, students are involved in the evaluation of lecturers, as is contained the university's Yellow Book. This is expected to enhance academic activities and lecturer – to-student research relationships.

Reporter: Sir, may we know you?

Response: I am James Chukwuma Ogbonna. Professor of Industrial Microbiology and Biotechnology.

Reporter: Sir, as an Academician, what motivates you?

Response: First of all, you should ask 'who is an academic?'. The major role of an academic is to generate information and then translate the information which has been generated into a research. As an academic, you generate information through research. Any person who doesn't take delight in research is not an academic. The major thing that gives an Academic joy is findings and breakthrough in research, which eventually gets published in a good Journal. In terms of teaching, I take delight in seeing my students understand what has been taught and actually apply what has been understood.

Reporter: Sir, how are you coping with the many responsibilities on your table as the Deputy Vice Chancellor (Academics)?

Response: Well, the major thing is, if you are doing something and you are making progress, you don't actually feel the pressure. My major target is to ensure that every day, I clear all daily responsibilities on my table. However, sometimes, combining academic and non academic functions could be herculean.

Reporter: There is a new department in the faculty of Biological Sciences. What do you have to say about the misconceptions regarding the essence of the new department, since there is Department Molecular Genetics in the Faculty of Medical Sciences and new staff for the new department?

Response: We have the Department of Biochemistry in the Faculty of Biological Sciences and the Department of Medical Biochemistry in the Faculty Medical Sciences. These are two different departments entirely with completely different emphasis and curriculum. The Molecular Genetics of the Faculty of Medical Sciences is concerned with Human Medical Genetics. Note that the Faculty of Biological Sciences is the mother faculty of Faculties of Medicine, Pharmacy and Veterinary Medicine. Initially, the university had the Department of Biology but that department is now a full faculty with five fully accredited departments. The Department of Molecular Genetics in the Faculty of Biological Sciences is a very important department, because research has moved from organism level to cell level and finally to molecular level. It is essential that the department is added to other departments in the Faculty of Biological Sciences. The challenge of staff strength for the new department is not even an issue. There are Molecular Genetics Experts in the faculty and some new staff members that will pilot the new department.



Prof. Ifeoma M. Ezeonu is a Professor in the Faculty of Biological Sciences, University of Nigeria, with research interests in medical microbiology and molecular genetics. Her Past research efforts have been mainly in aspects of stem-cell studies, specifically studies on modulation of differentiation of human retinal precursor cells. Currently, her focus is on the development of rapid and efficient screening and diagnostic procedures for bacterial infections. She also has ongoing studies which are directed towards the molecular characterization of various bacteria of clinical relevance, with a view towards developing rapid diagnostic and identification procedures for some commonly encountered infectious diseases. Other study areas include the use of plants and plant extracts for improving health, through studies on the antimicrobial and prebiotic potentials of various indigenous plants.

Prof. Ifeoma M. Ezeonu is currently the Chairman of Scholarship and Grants Committee of the Faculty of Biological Sciences. She is also the Chairman and member of several other committees in the Faculty and University.

An interview with PROF IFEOMA EZEONU

Chairman, Faculty Research Grants and Scholarships Committee

Reporter: Prof what are the likely challenges researchers encounter in accessing grants and scholarships

Response: ok, emmmm. One of the challenges (there are several challenges actually) with obtaining grants for members of not just faculty of biological sciences but all academic staff in the University is, first all knowing where to look for funding, but this is being addressed now in this faculty. On the faculty media platform, people have been uploading information of different kinds of grants and scholarships and post doctoral opportunities. The research grant committee of the university (the senate committee on research and grants) has also been trying to provide information through the UNN email web platforms about calls for proposals and different opportunities for scholarships, which I hope the academics are making valuable use of. Then within the faculty at the moment, the Dean (Prof. S.O.O Eze) has provided the most current edition of the grants register which is in my custody. In the register, there are listings of different grants and funding bodies, even scholarships available to researchers and Academics at different levels, starting from Post-Doctoral researchers to young researchers seeking for grants and beyond. These are things that are being addressed now. Another challenge, besides knowing about available grants, is writing good proposals. Writing a good proposal is actually a major challenge because every grant awarding body has something the body is looking for. First of all, the intended research study must be a research that will have impact. Science has gone beyond the era of doing a research just to do a research. Even undergraduate research projects should not be assigned just to do a project. There must be specific question that is being addressed, meant to provide value impact on the human society. Grant awarding bodies want to see these things in any proposal. No funding body would want to release funds and the research will not be conducted or there will not be a question being addressed.

These funding bodies need to know that an individual is capable of doing a research. They also need to know that the institution where the research will be conducted has the necessary facilities required. It is understood that sometimes a researcher needs to go to other institutions to complete a research study, but for the major part, there should be that confidence that the institution where the research is domiciled is capable of supporting that research. As committee, these are the things we need to discuss and make these things understood. There is also a challenge of even when there is funding, the teams that make up a research group do not have one goal. One major challenge in producing a good proposal is cooperation among the research group, that is, multi-disciplinary nature of research. There is hardly a question in Science that you begin and finish just from your office. For this faculty in particular, what I identify as probably a major challenge is the fact that our staff are not together. There is no collaboration within the Faculty. Every individual wants to hide what he/she is doing. So, you discover that researchers within the Faculty with research interests who could come together to form good research team, are working individually and most times, this makes the research stunted and not deep enough, because the different aspects of the research that should come out to make the research study complete will not be there. So, there is every need to foster that cooperation within the members of the Faculty in order to produce good research study and proposals that will interest funding bodies and we intend to do all that.

Reporter: In most researches, you discover that there is need to incorporate someone from social sciences?

Response: Exactly what I have been saying. There some studies that you go into, you discover that it is not (just like you said) just biological sciences,

even engineering comes in, chemistry will come in and sometimes, you need social sciences like Geography. If you are going to do a study on Climate, you will have to involve everything that is science. Climate Change affects every discipline ranging from disease patterns to so many other abstract things. Another thing is that we need to develop proposals even before we start looking out for funding. Sometimes, people think that they have to find a funding and begin to tailor their studies towards the call, but that's the wrong way to approach it. You must have an initial interest in something, develop the proposal and now begin to look for funding. Sometimes, Philanthropists do not have a particular study in mind but can get interested in a proposal that is well written and decide to fund it. So, we must begin to approach this from all angles.

Reporter: From what you have said, one of the major challenge to accessing funding, is the Proposal. Is the committee looking into organizing seminars or workshops on writing quality and saleable proposals?

Response: That's part of it. We will engage people to teach members of the faculty, the rudiments of writing quality proposals.

Reporter: When you look at some of these grants and scholarships, they are mostly from international bodies. Are there fundings that can be sourced locally?

Response: Yes. Even personally, I have been able to access grants locally. In the days when Senate Research Grants were still available, I was able to access a Senate Research Grant from this university. That grant enabled me carry out a study and buy some equipments. Sometime in 2016, I also got a support from Bioresource Development Group and that was because we went to present a research work in a workshop and someone got interested – the BDG Chairman was there. He got interested and told us that they might want to give some support. We sent a proposal and got the support. Then, there is TETFUND. My research group has just been able to get some funding from TETFUND.

Interview with

REV. SR. PROF. UJU MARIE-ESTHER DIBUA

Chairman, Faculty Examinations Committee

Reported by Chike Chiejina, Department of Zoo & Environmental Biology

Rev. Sr. Prof. Uju Marie-Esther Dibua is a full time Professor in the Faculty of Biological Sciences. Her research interests span across Epidemiology and Public Health, Community-Based HIV/AIDS, and Biomedical Research. She is currently the Coordinator of Degree Programme in Science Laboratory Technology and Chairman Examination Committee of the Faculty of Biological Sciences.

The Chairman Committee on Examination, Faculty of Biological Sciences, has the following to say on the way forward for Examination in the Faculty of Biological Sciences.



What is the mission and vision of the examination committee board of the faculty of biological sciences?

Response: The faculty exam committee constituted by the Dean, Prof. S.O.O Eze, has some vision and mission statements. From the mandate of the Dean, we are commissioned to look into the critical ideas surrounding anything Examination in the Faculty of Biological Sciences and beyond. Examination is one of the critical components of any Institution. The Dean called this into existence with some objectives. First, to showcase what had been, highlight or underscore what had been, including the successful ends and the failures. We are commissioned to study all the logistics surrounding examination including the preparatory stages such as initiation of lectures, people involved in the various arms of the teaching exercises, the students accommodation, and lecture hall logistics. These stages usher in examination properly, from the believe that anything done or to be done at all, must be done well. Secondly, during the initiation of the lectures, are the lectures coming up fine? Are the Lecturers giving the students the needed information on the various areas of specialization? Do the Lecturers come on time? These are logistics taken before the examination itself. Our culture is such that people do not do a thing until they are monitored, therefore, the committee simply monitors these processes. When these logistics are well taken care of, we look into examination properly. These involve the exam timetables, the computer based exams, the faculty exams, the departmental exams and the relationship with other faculties as regards exams.

What has the committee been up to?

Response: We swung into action to institute seven subcommittees within the existing committee which include the Monitoring committee, the ICT committee and others. These subcommittees are tasked with the responsibility of making sure that every

vital area in relation to examination is covered and monitored. In each of the subcommittees, there is a head, each working to feed the general committee. These committees address issues of examination bad elements such as exam malpractices, manipulations of various forms, impersonations, and even at the ICT level. The committee simply plans to eliminate all the ills associated with examination in the Faculty of Biological Sciences. We have established a liaison with ICT unit to help us address issues of loss of results, improper registration, and examination questions being leaked to students, too many carryovers and many others. The committee is in a continuous investigation of anomalies and also in continuous search of ways to bridge these gaps. If examination must be conducted in the faculty, then it must be done properly.

Is the committee devising measures to check Clash of examination dates and venues? Most students face this challenge, especially the carryover students

Response: It is part of the package we have towards the successful implementation of examination processes. We have too many students carrying over courses, but the major problem is that these students do not attend lectures, thereby not getting information. You have these students coming only on the examination days. Most often they do not know their examination timetables. Irrespective of these, we are trying to make contact with all the coordinators at departmental levels and we hope to have a round table discussion.

Every association or committee has challenges. What are challenges the committee is facing?

Response: Naturally, because we are humans, there are flaws, but one needs to overlook these flaws to get going. Poor turn up to meetings is one of these challenges. There so many other flaws but we still push ahead.

MESSAGE *FROM THE* OFFICE *OF THE* FOBSSA PRESIDENT



It is with great humility that I thank God for his grace over our lives and FOBSSA as a whole. This administration started its journey few months back and has just finished its first quarter with a lot of plans still undergoing incubation. Our administration is entering a new year with plans ready to be executed in due time. We have all been going through the hurdles of the strike and it seems as if we are being delayed in our activities but I say to us that we should make sure we use this period wisely; in the development of our body, mind and spirit.

This FOBSSA administration led by Comr. Onwubuko Kelechi is ready to serve all fobssaitees, we are ready to make sure our opinions and views are heard and actions are taken with immediate effect where necessary. We plead to all fobssaitees to cooperate with us and pray for unity to abide in FOBSSA. Sooner than later, the first ever FOBSSA congress will take place. Cease this opportunity to express your opinions on how to move

the faculty forward. I also plead that we all participate in FOBSSA activities because that's what brings all of us together and define who we are.

I Comr. Onwubuko Kelechi also plead with all fobssaitees that our suggestions, contributions and complaints are well appreciated, if brought to the table of the president and we promise that there will be swift actions taken on them.

Finally, I also plead with the faculty administration and staff that they should please make sure that we students are put into considerations in their decisions i.e their plans and projects should be student friendly.

I want to wish all fobssaitees a Merry Christmas and a prosperous New Year. I pray to see everyone at the other side of success.

COMR. ONWUBUKO KELECHI VICTORY

(SENATOR IN ACTION)

Dept. of Microbiology

FOBSSA PRESIDENT 2018/2019

ADVERT SPACE



Biochemistry is science, Biochemistry is life, Biochemistry is the future

Let's talk about *Antibiotics*

The discovery in 1928 by Alexander Fleming that a fungus *Penicillium notatum* could produce a compound capable of selectively inactivating a wide range of bacteria, without harming the host, set in motion, scientific studies that profoundly changed the relationship between man and bacterial diseases. From the laboratory emerged the fungal antibiotics penicillin and cephalosporin while the actinomycetes produced streptomycin, chloramphenicol, tetracycline and many others. Most bacterial diseases have today largely been brought under control by the use of antibiotics. Pneumonia, tuberculosis, cholera and leprosy, to mention only a few, do no longer threaten the human society and are in some parts of the world, being treated as minor diseases. Griseofulvin, an antibiotic active against fungi, has brought great relief to those infected with debilitating fungal skin diseases such as ringworm. Antibiotics are antimicrobial compounds produced by living microorganisms, and are used therapeutically and sometimes prophylactically in the control of infectious diseases. Over 4000 antibiotics have been isolated but only about 50 have achieved wide scale medical use. The other antibiotic compounds failed to achieve commercial importance for reasons such as toxicity to human or animals, ineffectiveness or high production costs.

Antibiotics were extensively used in medicine from about 1945 with the

arrival of penicillin. New antibiotics soon extended the range of antimicrobial control, and antibiotics are now widely used in humans and veterinary medicine and to a lesser extent in animal farming, where some antibiotics have been shown to increase the weight of livestock and poultry. Antibiotics can also be used to a limited extent to control plant diseases and as insecticides.

Antibiotics that affect a wide range of microorganisms are termed broad spectrum, for example, chloramphenicol and the tetracyclines, which can control such unrelated organisms as Rickettsia, Chlamydia and Mycoplasma species. In contrast, streptomycin and penicillin are examples of narrow-spectrum antibiotics being effective against only a few bacterial species. Most antibiotics have been derived from the actinomycetes and the mould fungi.

The production of antibiotics has undoubtedly been a highly profitable business by renowned pharmaceutical industries all over the world. The world market for antibiotics today is worth over \$10 billion per year and is the most valuable segment of the total pharmaceutical market.

ETIGBUAGU JOSHUA I.
*(NSBS President 2018/19
UNN Chapter)*



**LIONS & LIONESSES
ARE CHAMPIONS
OF DIGNITY**

A champion is a person who won a competition.

To champion also means to fight for, or speak in support of a group of people or belief.

Dignity on the other hand talks about a calm and serious manner that deserves respect.

The University of Nigeria has its motto as "to restore the dignity of man" while students of the University of Nigeria are referred to as Lions and Lionesses.

So it would be very right to say "Lions & Lionesses are champions of dignity".

There is an aphorism mostly said by us that "a UNN student is ahead of you naturally."

The quote is not to be doubted but the big question is, what are the attributes you need to possess to be a champion of dignity.

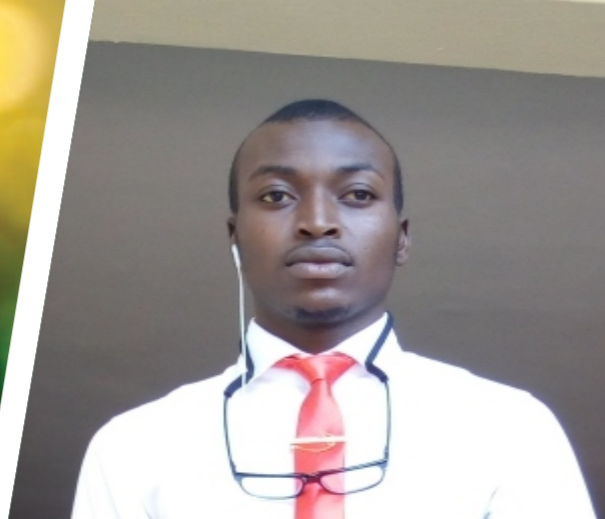
First of all the word "CHAMPIONS" stands for:

C - Courage
H - Honor
A - Attitude
M - Motivation
P - Perseverance
I - Integrity
O - Optimism
N - Never Give Up
S - Sacrifice.

And as a Lion or a Lioness, these attributes are also there. Without pain, there will be no gain.

**NWEKE UGOCHUKWU
THANKGOD (NUT)**

BIOCHEMISTRY 300L



WHICH WAY

ZOOLOGY AND ENVIRONMENTAL BIOLOGY?

Have you been to the Department of Zoology and Environmental Biology? Have you asked yourself what Zoology is all about? Is it really all about animals, ending up in zoo and stuffs like that? What role does Zoology and Environmental Biology play in the society and nation at large?

The department of zoology and environmental biology is located at a Serene and comfortable part of the Faculty of Biological Science premises. Zoology and environmental biology has been in existence since 1960 and is one of the first departments of the University. We presently have an approximately 450 students. How can we forget about the amiable and most powerful professors? Permit me to call them ZEB parents because they made ZEB department what it is today doing their wonder jobs as instructors and parents of the department. Professors like Prof B.O. Mgbenka (an erudite philanthropist), Prof P.O.

Ubachukwu(big mummy and an indispensable guru). Prof C.D. Nwani (Soft hearted man that can melt a mountainous problem), Prof J.E. Eyo(once a dean faculty of biological sciences) Prof F. C. Okafor(loving and kind hearted father and mentor), Prof I.C. Okoye(Reverend), Prof R.N.N Obiezue, Associate Prof E.J. Agwu, Dr.V.C. Ejere, Dr.C.I. Atama (Staff Adviser) and other great Drs.and lecturers in the department. These lecturers are the pillars holding the faculty of Biological sciences in one way or the other. Whether we would accept the fact or not, I won't fail to acknowledge the efforts of the student executives led by Rotr. Com Eneovo Emmanuel Ebube. Renovo Emmanuel has gone a long way in actualising his dream for the department. He is currently working on the fishery program to make it one of the fish resource centre in UNN accompanied by his executives. Zoology is even a faculty in the university of Benin. The departments include toxicology,

physiology, enzymology, fishery, Aquaculture and marine sciences, Molecular genetics, environmental sciences, hydrology and much more. ZEB is a department full of endowed men and women starting from our HOD down. We have all it takes to really nurture nature and man and you can say it again that we control nature and our environment.

The “zoo” of UNN which it is fondly called has been left to fend for itself. It's now the zoo of the ZEB students. This is a zoo that can go a long way in generating revenue for the school if it's adequately taken care off. We are not heading anywhere if the zoo and zoology and environmental biology are not recognized.

I strongly believe in the future of zoology and environmental biology. I know that by God's grace, we would excel and not having to be compared with other departments like biochemistry and microbiology which are the departments seen as the best in

the faculty. Believe in zoology and environmental biology, invest in the zoo. Make it a big source income by working with the federal government and the alumni of UNN to make UNN's zoo the best tourist zone for the whole of Africa. We need to feed our Crocodile, Tortoise, Alligator, monkeys, chimpanzee (which is the only one surviving because others have all perished), our python is angry because it has not got a company for quite a long time no wonder it has refused to come out of it's house and other relaxation activities and merry swinging for fun and nice cool environment. We need federal recognition, we call on the school heads to invest in Zeb and her zoo.

Thanks.

Long live Zoology and Environmental Biology

Long live faculty of biological sciences!

Long live University of Nigeria Nsukka!

Rotr. Comr. Eneovo Emmanuel Ebube

President, Zoology and Environmental biology.(400L)
09031201478



NAMS President

It is often said that “To whom much is given, much is expected.” Not only have I been given the honor to serve in this highly esteemed capacity, but this privilege to be closer to you as a fellow student, mentee, colleague and friend is one I will forever hold dear. Indeed, I have a lot to be thankful for.

Microbiology department is one of the best in the faculty of Biological Sciences. Most students have the notion that Microbiology is the most difficult department yet some students still make first class. When you hear such, you should tell yourself that nothing will make you fail but rather work your butt till you succeed. "No pain No gain" as they say.

Microbiology is an interesting department, major research in pure sciences revolves around molecular

biology and the handy tool for us to explore this are the microbes. Today, most of the progress mankind has made so far in the field of medicine arose from careful studies of microbes using molecular techniques.

Microbes are the simplest forms of life. Some are so simple that referring them as "alive" can be controversial. They are sometimes called "unforeseen majority". This is not because they are totally invisible but while they are rarely seen due to their submicroscopic nature; their collective activities are profound and usually impact on other forms including man. Microbes will enhance the future of mankind, the trend is not coming; it has started! Don't be left out.

Comr. Ubasineke Elvis Udoka
NAMS President



CAREER ORIENTATION

What is Career? According to Longman Advanced Learners Dictionary "A job or profession that you have been trained for and which you do for a long period of your life"

According to Oxford Advanced Learners Dictionary "The series of jobs that a person has in a particular area of work, usually involving more responsibility as time passes."

CAREER CHOICE: The career choice you make determines a huge part of the rest of your life. The choice for a career or profession is not an easy one, the choice of profession used to be defined early in people's life. When choosing a certain profession or making a career switch, it is important to carefully find out what your interests and ambitions are, which **career test** can help. Besides taking a professional career choice test, it is a good idea to find out more about your options like; what profession is there? What do they stand for? Ask people you know what their profession is? What it includes? What is it they like about their job and is it something you might like?, The experience of others may help you to decide on your own profession or you consult a Career Guidance counselor, Make sure you do not rush making career choices. Make a well-prepared career choice because it's one of the main factors determining which specific profession you will end up in.

IMPORTANT

Having career is very important to life because

1. It gives a sense of direction to our life
2. It offers a sense of purpose in life by deciding on different career goals in life
3. It provides structure to life because to achieve career goals we need to stick to structured path.

5 things to consider when choosing a career

- i. WHAT INTEREST YOU:** Before choosing a career it is important to identify your interest and then identify a career that aligns with your interest. If you take up a career that doesn't fit your interest it will be difficult to produce great result.
- ii. EVALUTE YOUR SKILLS:** Everyone has a unique talent, identify what yours is, and work around it to choose a career path that aligns with your identified skill set.
- iii. WORK ATTITUDE:** Whether many people realize it or not, how they feel about work can have an effect on the type of careers that they eventually find themselves in, positive attitude in a work place helps one move to higher levels.



iv. TRAINING AND EDUCATION:

In order to land in certain careers you will need to attain a certain degree or level of experience before you can begin work in that area. Choose the one you can achieve to avoid setting yourself up for failure.

v. AVAILABILITY OF JOBS:

When choosing a career a big factor is how many jobs will be available at certain levels.

CAREER SUCCESS TIPS: Keep in mind that the purpose of any career assessment tool is to improve your awareness of self and to suggest potentially suitable career management strategies that fit you and lead to the achievement of your goals. One of the major tip in career success is attitude, if you don't develop the right attitude towards a career, you will fail in such career. Some careers have ethics which you need to check if you can be able to observe them E.G, as a banker, you don't go to work on women traditional wears like wrappers; it's against the ethics of banking.

I advise every student while choosing a career, to make sure you consider if it will be convenient for you in the long run. I wish you good luck in your career choice.

God bless Nigerian students!!!

Comr. Chienyi Angus Kosy (Siko)
IGWE OCHINAWATA 1 of
FOBSSA
Department of BCH 300L



ANGER: THE PATHWAY TO SUCCESS...

"Use it, Don't Lose it or excuse it."

Success sometimes is a failure, who got mad. Anger, is a little madness, and when harnessed and used effectively would change the circumstance of a whole generation. So get angry enough to get up and take action. It's alright to get angry but don't let anger get you. I am often asked what motivated me to go back school. I say it's the anger I had when I was among the people that were laid off in a company I was working for at the time in Anambra State. When I am tempted to get depressed and recall how I felt during those trying moments, I get energized and more motivated. In life, it's either you have a problem, just left a problem or on your way to having a problem. That's life. Stop complaining and shifting blames to your parents, school system, government, economy and get angry enough to get up, and get busy. Get angry enough to stay up a little late and get up a little earlier. Therefore if it means reading two more hours so be it, if it means going to the office a little earlier and coming back a little later, so be it. If it means writing more pages when your fingers are tired and aching so be it. So whatever you must do to ensure that you didn't go back to your ugly past, just get done. You must use anger to build up not to tear down. Use anger wisely, don't lose it or excuse it, rather diffuse it so you can control it and harness it to help you reach your goal. Emphatically, the key to controlling your anger is discipline, because anger is dangerous without discipline.

HOW TO USE YOUR ANGER FOR OPTIMAL PRODUCTIVITY

1) Develop a pattern to stop anger swirling up: This is something you do every time you feel your anger coming up, you can breathe deeply five times, you can take a quick walk or you can even pray.

2) Ask yourself, questions: Will this make any

difference in a year? If yes! Ask yourself again. Can I control the time? No! Can I control what people say? No! What can I control? Me! Therefore, none is relevant except my opinion.

3) Remind yourself of your goal: Focus on your goal and what you're trying to achieve. Remember, you can't control what happens to you but you can control what you do about them. So don't just get even, get ahead.

ANGER AND IT'S ABUSE.

In our lives today, anger has been largely abused and its effect has endangered individuals and whole generations. The concept of anger calls for a deeper self reassessment for us to manage it and this will help in the betterment of our world today.

In attempt to get rid of anger, men do some silly things. They become drug addicts, they chase women all over the town, walk around the city, watch football, drink alcohol without taking anger as a function, therefore anger is a function of our desire. So many men became angry over their circumstances, today they are celebrated and their names are indelible in the annals of history. Men like Ben. Carson got angry when he couldn't answer questions in the class and friends laughed at him and called him dummy, and then he converted his anger from a poison to a catalyst that changed his biography.

A man called Jabez in the scripture (1st Chron. 4:9-11) got angry when he realized the meaning of his name which by implications was "pains". He was angry and he prayed and his coast was enlarged. The importance of anger cannot be over emphasized because anger acts as a catalyst in a reaction thus hastening the course of one's life.

Finally, remember...the good, the bad and the ugly are all designed to help us become stronger and better ambassadors of our time. So, get angry but don't let anger get you.

Comr. Awah Joseph Chukwudi
FOBSSA Financial Secretary
Biochemistry 300L.

Scholarships & Grants

Visiting Fellowships for Developing Countries

Subjects: Biochemistry.

Purpose: To support research capacity building in developing parts of the world, e.g. Eastern Europe, Africa and the Middle East.

Eligibility: Open to an overseas researcher on a laboratory visit to the sponsor's research facility or to go out to visit a research facility in a developing region or to enable a member give seminars and undergraduate or postgraduate training.

Level of Study: Unrestricted

Type: Fellowships

Application Procedure: Please apply online at

www.biochemistry.org.

Closing Date: January 1st, March 1st, May 1st, June 1st, July 1st,

September 1st, and November 1st

Contributor: The Biochemical Society

Additional Information: The grants will support either a visitor from a developing country to a U.K. host laboratory in order to learn methods. Alternatively, the grants will support a person based in the U.K. visiting a developing country to assist with the set up of research.

Canadian Window on International Development

Subjects: Agriculture and environment.

Purpose: To support field research in Canada and one or more developing countries.

Eligibility: Open to Canadian citizens, permanent residents of Canada and a developing country's nationals. Applicants must be registered at a Canadian university. See website for more details.

Level of Study: Doctorate, Graduate, Postgraduate, Master's

Length of Study: 3 months to 1 year

Country of Study: Canada

Application Procedure: Applicants must complete an application form. Please refer to the website www.idrc.ca/awards for details.

Closing Date: April 1st

IFS Research Grants

Subjects: Aquatic resources, animal production, crop science, forestry/agroforestry, food science, water resources, social science and natural products.

Purpose: To provide opportunities for young researchers to contribute to the generation of scientific knowledge.

Eligibility: Applicants must be citizens of a developing country that is eligible for IFS support, and carry out the research in an eligible country (this does not have to be the country of citizenship).

Level of Study: Postdoctorate, Research

Type: Research grant

Length of Study: 1–3 years

Application Procedure: Applications can be downloaded from the IFS website.

Closing Date: January 27th

Additional Information: Please see the website for further details: <http://www.ifs.se/>

Robinson Scholarship

Subjects: Operational research and management science. **Purpose:** Eddie Robinson is a graduate of the Operational Research programme who, after leaving Lancaster, has had a successful career in the US with Mars Inc. He has generously sponsored a scholarship for an MSc in Operational Research & Management Science student from a developing country (as defined in the World Development Report published by the World Bank).

Eligibility: As the scholarship will not cover all the costs associated with studying, applicants should explain carefully their financial circumstances. This explanation should cover two aspects. Firstly, why is it that you need funding? Secondly, how will you finance the rest of the cost of your stay in Lancaster?

Level of Study: Postgraduate

Type: Scholarship

Application Procedure: Please see the application details at www.lancs.ac.uk/studentservices/download/forms/.

Closing Date: May 1st

Additional Information: Please see the website for further details

www.lums.lancs.ac.uk/masters/management-science/robinson/.

New Zealand Development Scholarships (NZDS)

Subjects: All subjects.

Purpose: To enable the students to study in areas of developmental relevance and make a significant impact on return to their home countries.

Eligibility: Open to candidates who are citizens of an eligible developing country and not have New Zealand or Australian residence status or citizenship (excluding the Cook Islands), must normally be living in home country, have a B grade average (or higher) on most recently completed tertiary qualification, must not currently be studying, and not have been a recipient of any NZAID or other government scholarship within the last 12 months.

Level of Study: Postgraduate

Type: Scholarships

Value: Scholarships cover tuition fees, enrolment/orientation fees, return economy travel, medical insurance, and an allowance to meet course and basic living costs

Country of Study: New Zealand

Application Procedure: check the website for specific details.

Closing Date: April 30th

Additional Information: NZDS has two categories, public (40 awards) and open (8 awards). A candidate can only apply under one of the categories. Please check website for more information:

www.aid.govt.nz/funding-and-contracts/scholarships/types-scholarship/new-zealand-development-scholarships.

The Eira Francis Davies Scholarship

Subjects: Health and medical related subjects.

Eligibility: Open to Non-EU, female student ordinarily resident in a developing country.

Level of Study: Postgraduate, Undergraduate

Type: Scholarship

Value: Full international tuition fee

Country of Study: United Kingdom

Application Procedure: Complete application form available online at www.swansea.ac.uk/international.

Closing Date: June

International Climate Protection Fellowships

Subjects: Climate protection and resource conservation.

Purpose: To enable prospective leaders from non-European emerging and developing countries to conduct a research-related project of their own choice in cooperation with specialist colleagues in Germany.

Eligibility: Open to prospective leaders from non-European emerging and developing countries who are engaged in the field of climate protection and resource conservation in academia, business or administration who have completed at least a first university degree less than 12 years prior to the start of the fellowship and hold a further academic or professional qualification.

Type: Fellowships

Length of Study: 1 year

Study Establishment: Any institution/organisation in Germany

Application Procedure: Information regarding the application procedure is available at the website of the Humboldt Foundation.

Closing Date: March 1st

CAS-TWAS Fellowship for Postdoctoral Research in China

Subjects: All areas of the natural sciences.

Purpose: To enable scholars who wish to pursue postdoctoral research to undertake research in laboratories or institutes of the Chinese Academy of Sciences.

Eligibility: Candidates must have a PhD and be nationals of a developing country other than China. They must also be regularly employed at a research or teaching institution in their home country.

Level of Study: Postdoctorate

Type: Fellowship

Country of Study: China

Application Procedure: Applicants must send one copy of the application form to TWAS and three copies to CAS. Application forms can be obtained from the TWAS website.

Closing Date: March 31st and August 31st

Further information contact: Division of International Organization Programmes, Chinese Academy of Sciences, 52 Sanlihe Road, Beijing, 100864, China
Website: <http://twas.ictp.it/prog/exchange/fells/fells-pdoc/cas-pdoc>

CSIR (Council of Scientific and Industrial Research)/TWAS Fellowship for Postgraduate Research

Subjects: Newly emerging areas of science and technology.

Purpose: To enable scholars from developing countries (other than India) who wish to pursue postgraduate research to undertake research in laboratories or institutes of the CSIR.

Eligibility: Candidates must have a Master's or equivalent degree in science or engineering and should be a regular employee in a developing country (other than India) and be holding a research assignment.

Level of Study: Postgraduate

Type: Fellowship

Length of Study: Up to 4 years

Study Establishment: CSIR research laboratories or institutes Country of Study: India

Application Procedure: One copy of the application should be sent to TWAS and three copies to CSIR. Application forms are available on request or from the website.

Closing Date: June 1st

Additional Information: <http://www.csir.res.in/>

Support for International Scientific Meetings

Subjects: Agricultural, biological, chemical, engineering or geological and medical sciences.

Purpose: To encourage international scientific meetings in Third World countries.

Eligibility: Open to organizers of international scientific meetings in developing countries. Special consideration is given to those meetings that are likely to benefit the scientific community in the Third World and to promote regional and international co-operation in developing science and its applications to the problems of the Third World.

Level of Study: Postgraduate, Professional development

Type: Travel grant

Value: Up to US\$5,000 for travel expenses of principal speakers from abroad and/or participants from the region

Country of Study: Developing countries

Application Procedure: Applicants must complete an application form, available on request or from the website.

Closing Date: May 31st

Additional Information: Grants are not offered for meetings in Physics and Mathematics

THE DEAN MEETS WITH STUDENTS REPRESENTATIVES

From COMRD. EZEKE STANLEY SYMPATHY
Dept of Biochemistry, UNN. 400L
SERGEANT AT-ARM, NANS, ANAMBRA CHAPTER

The interaction between the student representatives and the Dean of the Faculty was held at the office of the Dean, Faculty of Biological Sciences on Monday 26th November 2018 and lasted from 1:00pm to 2:30pm. The student's representatives include, Some Faculty Executives, Departmental Presidents, SUG representatives and some departmental executives.

The following issues here discussed..

- Newsletter payment.
- First year students purchasing lab coat from both FBS and PIC department.
- CBS students given combinations like BCH/CHEM, PSB/CHEM, MCB/CHEM. E.t.c.

NEWSLETTER

After proper introduction, student delegates expressed their dissatisfaction on the payment of two hundred thousand naira by first year students for FBS Newsletter.

After much explanations from the student Delegates, the Dean welcomed their ideas and encouraged them to be

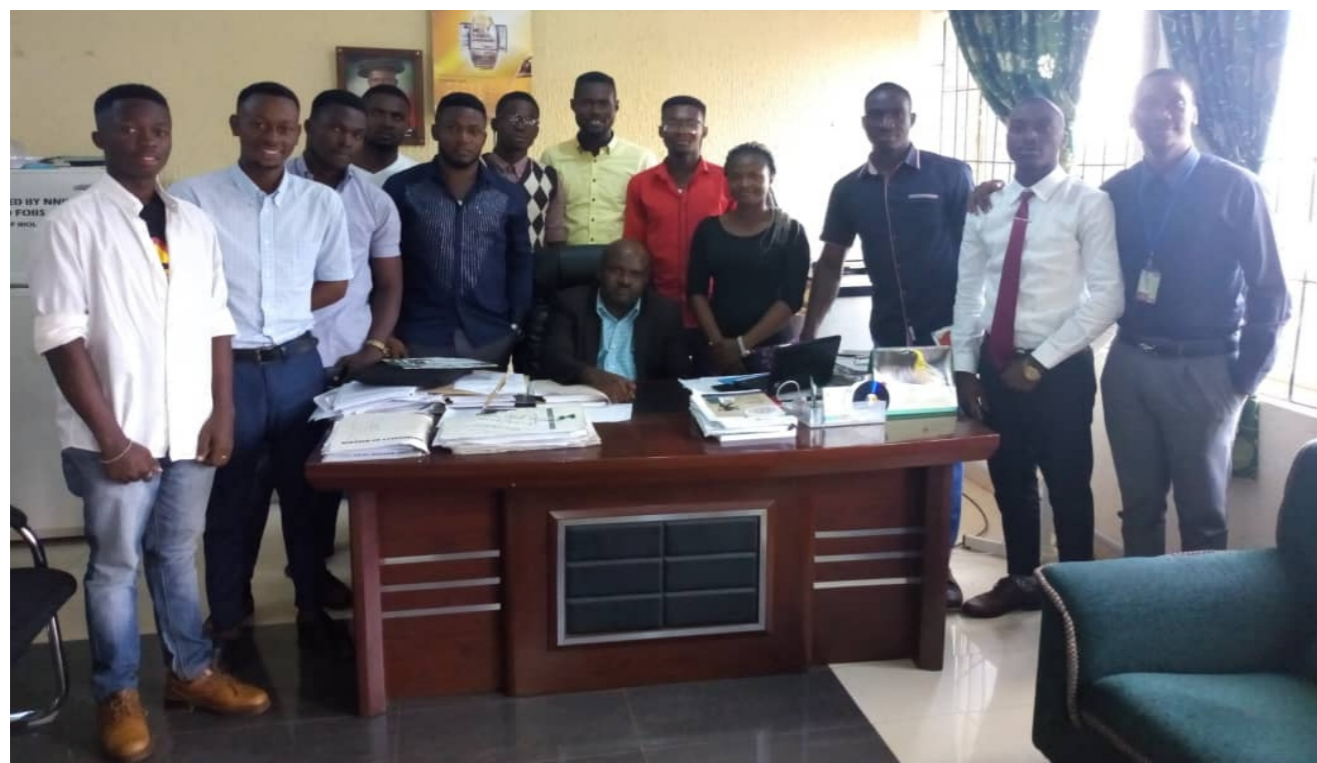
more active and courageous in piloting the affairs of students.

Furthermore, our Dean explained that the introduction of newsletter passed through the meetings of Heads of department, Faculty development committee and got approved by the Faculty Board. Various reasons behind the introduction of newsletter include:

- Serving as an information organ which enables both students and staff of the faculty to follow up on things going on the faculty.
- Enabling students and staff to publish articles that promote academic excellence.
- Acting as a medium for students to get information on scholarships and other academic resources
- Helping in documenting achievements of both staff and students in the faculty and carrying everyone along.

The Dean, stated that the newsletter which will be published quarterly has a section devoted to activities of FOBSSA.

At the end of discussion the students leaders were



directed by the Dean to determine how much students will pay for the newsletter and the mode of distribution to students. The payment for the newsletter was suspended by the Dean.

PURCHASE OF LABORATORY COAT BY FIRST YEAR STUDENTS

Complaints was also laid by the student leaders on the ongoing payment of lab coats by first year students at both Faculty of Biological Science (FBS) and Department of Pure and Industrial Chemistry (PIC), and pleaded that the dean should find a way to resolve it.

Our dean used the medium to explain the effort he has made to resolve it and showed the students body the exchange of communications between the dean's office and department of Pure and Industrial Chemistry and also series of meetings he has held on the subject matter.

He explained that as the Faculty of Biological Sciences has earlier procured the lab coats, the issue will be resolved to the satisfaction of all.

Finally, he urged every student to keep calm as he keep on working to actualize success on the issue.

ON COURSE COMBINATION

Students laid complaints on the combinations for 'Combined Honor' student which includes BCH/CHEM, MCB/CHEM, PSB/CHEM. The Faculty officer was invited, and after a detailed discussion, the allocation of such combination to students was stopped.

Also, the departmental president was asked to inform students who have gotten such combination to meet the faculty officer for reassignment of the correct combination.

In conclusion, the Dean thanked all the students of Faculty of Biological Sciences for believing in him and urged them to feel free and relate any matter concerning the academic excellence of every student of the faculty to him. He also, advised all the students to always take the path of dialogue in resolving issues.

Furthermore, Faculty of Biological Sciences Student Leaders council under the leadership of Comr. ONWUBUKO KELECHI VICTORY thanked all and advised them to always relate their matters to the EXCOs because they are called to serve and students affairs remains our priority.

Christmas Greetings!

The Head and all staff of the Department of Zoology and Environmental Biology (ZEB) wishes the Dean and all members of the Faculty of Biological Sciences a very Merry Christmas and a Happy and Prosperous New Year.

Our prayer is that God who brought us thus far will keep us till the end of the year 2018 and carry us in his palms into the year 2019. His mercies, favour and faithfulness will continue to abound for us all.

May He cause the light of His countenance to shine on us, granting us wisdom and understanding in the knowledge of His Son, Jesus Christ, whose birth we are celebrating. Amen.

Prof. Patience O. Ubachukwu,
HOD, ZEB



2018 Inter-Faculty Staff Football Competition

Reported by Egedigwe U.O., Department of PSB

An inter-Faculty staff football competition, sponsored by Tropical Gate Ltd., kicked off at the Akanu Ibiam stadium, UNN on Wednesday, 14th November, 2018. The competition involved staff from all faculties/units in the university. The tournament was organized by the Director of Sports, Mr. I. Chijioke, to wind up the remainder of activities lined up for 2017/2018 academic session.

Though not a group stage knock-out tournament, the Faculty of Biological Sciences (FBS) team was grouped alongside the faculties of, Physical Sciences, Social Sciences and a joint team of ICT, Medical Centre, Sports Council and Academic Planning Unit.

The FBS team was made up of only 15 players, captained by Mr. Gerald Attamah from the Department of Zoology and Environmental

Sciences (ZEB). The chief coaches included Prof. B. C. Nwanguma (Biochemistry) and Mr. K. C. Agbala (Microbiology). Auxiliary coaches were Mr. U. O. Egedigwe and Mr. D. C. Urama, both from the Department of Plant science and Biotechnology (PSB).

In their first match held on 16th Nov., 2018, FBS knocked out the joint team of ICT, Medical Centre, Sports Council and Academic Planning Unit, by leading them in a 1 – 0 defeat. Progressing into the second round, the FBS team dispatched a highly rated joint team of the Department of Works and Energy Centre on penalties, after a 1 – 1 score line at the end of regulation time. The final score line was 10 – 9 in favour of the FBS team. By this feat, the FBS team had sent home 2 favourite teams of the competition, thus qualifying them for the semi-finals.



The semi-final match between the FBS and Faculty of Social Sciences was fixed on 21st Nov., 2018. After a football battle, the FBS suffered their first walloping defeat, losing 5 – 1 to the gallant team of the Faculty of Social Sciences. The opportunity to lift the bronze cup was still open to the FBS team as they slugged it out with the Faculty of Agriculture in the third-place match held on 23rd Nov., 2018. After an interesting 90-minute goalless draw, the FBS lost again via penalty shoot-outs to the Faculty of Agriculture on a 5 – 3 aggregate.

The competition was wrapped up with the finals between the 'almighty' Faculties of Social Sciences and Engineering. The Faculty of Social Sciences lifted the trophy after a difficult challenging game.

The tournament was an interesting competition among staff that volunteered to participate. It was amazing to know that most players in the FBS team were inexperienced in the game of football, yet they made it to the semi-finals. We use this medium to congratulate the team for their sacrifices, including players that sustained injuries. We say we are grateful and urge them to turn up for upcoming competitions in the future.

The FBS express their immeasurable gratitude to all who contributed one way or the other to the success of the event. Our utmost appreciation goes to the Vice Chancellor of the University, Prof. B. C.

Ozumba as well as the sponsors of the tournament, Tropical Gate LTD. We greatly admire the efforts by the Director of Sports, Mr. G. N. Ogbobe and the Chief Head Coach of Sports Council, Mr. I. Chijioke. We thank the University administration for providing this avenue to recreate staff of the university and we appreciate all the members of staff that participated fully in the tournament.

The FBS team expresses their unalloyed gratitude to the Dean of FBS, Prof. Sabinus Oscar. O. Eze and the FBS chief coaches and assistant coaches. We cannot forget the unsolicited supports from Prof. B. C. Nwanguma and a one-time Dean of FBS, Prof. O. Njoku (Biochemistry) and his wife, Dr. Mrs. Njoku (Biochemistry).

Finally, the team expresses their infinite gratitude to all members of staff of the FBS. We hope that these competitions are organized annually to compliment academic activities and as well, encourage extra-curricular activities in the Faculty.





*The Dean, on behalf of the staff and students of Faculty of Biological Sciences wishes each and every one of you a very happy birthday and a year full of success.
It has always been a pleasure working with you.*

NOV	DEC	JAN
BCH	BCH	BCH
A	A	A
Dr (Mrs) Chioma A. Anosike	Prof. Ikechukwu N. Onwurah	Prof. Ferdinard C. Chilaka
Dr Emmanuel C. Ossai	Prof. Lawrence U. Ezeanyika	Prof. Victor N. Ogugua
Mr. Justus N. Nwachukwu		Dr Parker E. Joshua
	B	Mrs. Victoria N. Ugwuanyi
	Mrs Ann A. Agalamanyi	B
	Mrs Monica N. Ugwoke	Ms. Rita O Asomadu
MCB	MCB	MCB
A	A	A
Dr Anthony C. Ike	Prof. James C. Ogbonna	Dr. Gloria N. Okpala
Dr (Mrs) Chioma O. Amadi		
Mr. Oyeagu Uchenna		
B	B	
Mrs. Victoria U. Ugwu	Mrs Chinwe B Chinaka	
Mrs. Ngozi A. Nnaji	Mr. Peter C. Onah	
Mr. Ogochukwu D. Urama		
PSB	PSB	PSB
A	A	A
Prof. (Mrs) Florence I. Akaneme	Mr. Obiora E Udoh	Mr Nnaemeka M. Eze
Dr (Mrs) Eucharía N. Abu		
Mrs Ikegbunam, Clara N	B	B
	Mrs. Patience N Ilo	Mrs. Agnes O. Eze
	Mrs. Eunice O Agbo	Mrs. Jane C. Chinekwu
		Mrs. Grace U. Ugwuoke
ZEB	ZEB	ZEB
A	A	A
Prof. Fabian C. Okafor	Dr Francisca N. Oparaku	Mr. Felix A. Andong
Mrs. Funmilayo Olorunpomi	Mr. Ifeanyi O. Aguzie	
	Mr. Elias O. Asogwa	
B	B	B
Ms. Juliana C. Obetta	Mrs. Maureen U. Onah	Mr. Olufemi O. Olasoji
Mr. Francis C. Abonyi		Mr. Arinze I. Onwurah
Mr. Cletus C. Ezea		Ms. Ijeoma J. Emekekwa
Mr. Anayo Orji		Mr. Ignatius C. Odo
Mr. Fidelis I. Okafor		Mr. Lazarus N. Ugwu

A = Academic, B = Non Teaching Staff



FOR ADVERTS and SPONSORSHIP
Contact the Dean's Office, Faculty of Biological Sciences,
University of Nigeria, Nsukka.
dean.biologicalsciences@unn.edu.ng



FBS Newsletter



FBS Quadrangle



Faculty Library