
VETERINARY TEACHING HOSPITAL



BROCHURE

History of the VTH
Vision
Mission &
Core Values

BROCHURE

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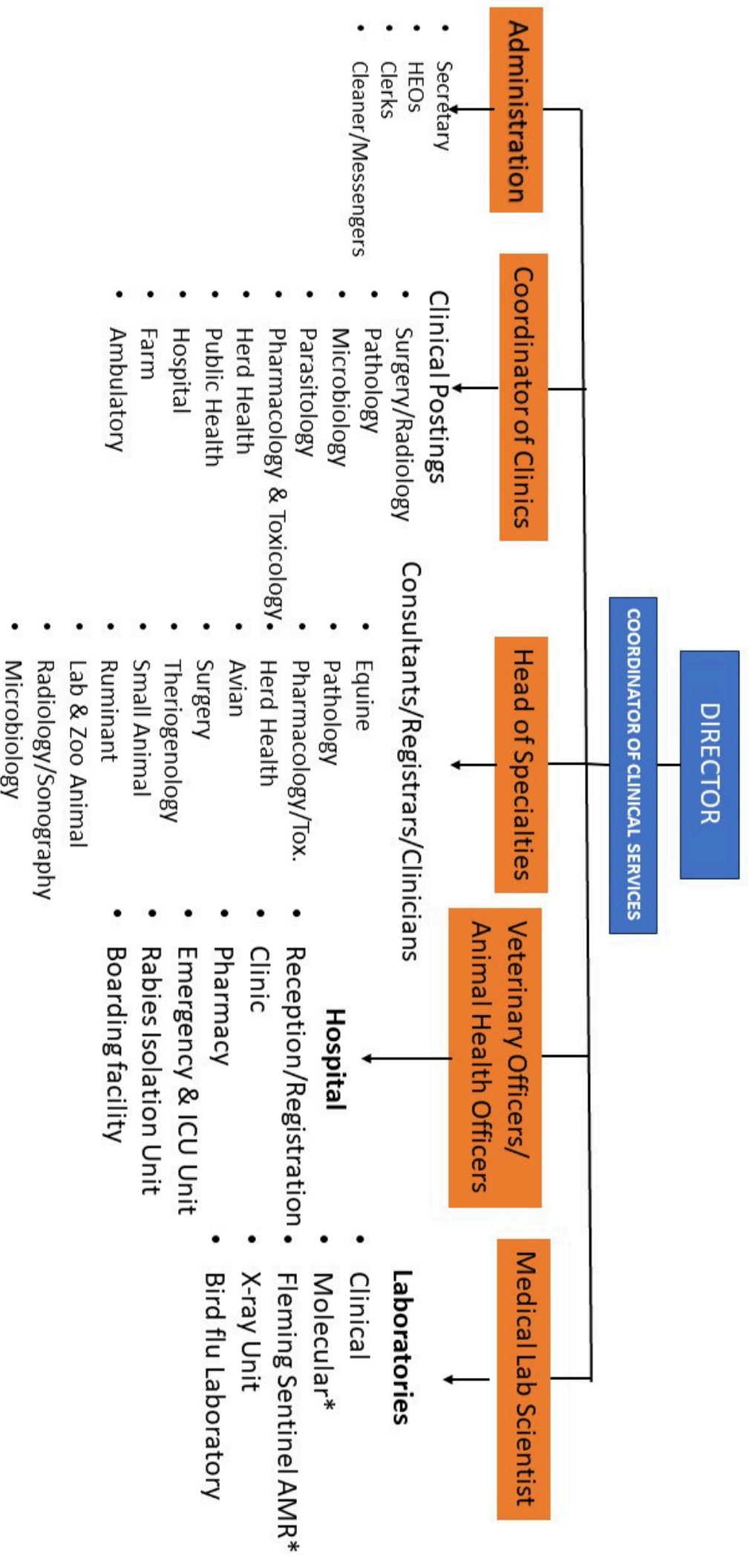
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VERTERINARY TEACHING HOSPITAL, UNN ORGANOGRAM



**Specialized Laboratories under the leadership of Principal investigator*



HISTORY AND DEVELOPMENT OF THE VETERINARY TEACHING HOSPITAL, UNIVERSITY OF NIGERIA, NSUKKA

The historical development of the Veterinary Teaching Hospital is not quite different from the development of the Faculty of Veterinary Medicine, University of Nigeria, Nsukka.

Veterinary practice started in Nigeria in 1914 through a soldier serving in the Royal Armed Forces who happened to be a veterinarian. The academic program in Veterinary profession at University of Nigeria, Nsukka started with a Higher Diploma in Animal health and Husbandry in 1963 just 3 years after the opening of the University. At the beginning of the 1966/67 Academic year, the program leading to the award of the professional degree of Doctor of Veterinary Medicine (DVM) was started but this was disrupted by the Nigerian Civil War. At the end of the war in 1970, the DVM program was revived with an initial intake of about twenty students. Between 1970 and 1980 the program operated as part of the Faculty of

Agriculture and Veterinary Sciences, first as a single Department and by 19975/76 with three Departments.

The Veterinary program attained a faculty status in 1980 with a concomitant expansion to 6 Departments, which included Veterinary Anatomy; Veterinary Physiology, Pharmacology and Animal Production, Veterinary Parasitology and Entomology; Veterinary Pathology, Microbiology and Public Health; Veterinary Medicine and Veterinary Obstetrics and Surgery. Within this period, Veterinary Clinic was established mainly to provide animal health services to the community at the tertiary level; and to expose students to clinical cases. Dr. Boniface Anene was appointed the first Resident Veterinary Officer in 1982. The operations of the veterinary clinic were superintended by and rotated between the Heads of Departments of Veterinary Medicine (VM) and Veterinary Surgery and Obstetrics (VSO), for one year each.

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Based on the recommendations and demands of the Veterinary Council of Nigeria (VCN), the National Universities Commission (NUC) and approval by the University Senate, University of Nigeria Veterinary Teaching Hospital (VTH UNN)

was established as a Referral Animal Hospital and Center of Excellence for Tertiary Animal Healthcare Delivery to serve South East and South South Regions.

Professor Mba Uzoukwu was appointed the first Director in 1989, which lasted up to 1993. He was succeeded by Prof. Loveday Wosu (1994-1996). On January 21, 1997, Prof. C. C. Chukwu was appointed the Director and his tenure was short-lived because he was appointed the Deputy Vice Chancellor (Administration) in October, 1997. Prof. ROC Kene was appointed Director in 1998 and lasted till 2002. Dr. LJE Orajaka, who was the first Coordinator of Clinical Services and was appointed the Acting Director in 2003. Other Directors include Dr. CO Emehelu (Acting, 2004 – 2006), Prof. EI Ugochukwu (2006-2008), Prof. BM Anene (2008-2010), Prof. CA Eze (2010-2012), Prof. CN Uchendu (2012-2014), Prof. JI Ihedioha (2014-2016), Prof. DN Onah (2016-2018), Prof. SI Udegbumam (2018-2021) and Prof. AO Anaga (2021-2024).

With these periods of development, the VTH collaborated with Veterinary Department of Ministry of Agriculture and Natural Resource (MANR) Enugu State; the Department of Veterinary Services and Pest Control of Federal Ministry of Agriculture and Food Safety and International bodies in the treatment, control and research in animal diseases in Nigeria. In the inception of the College of Veterinary Surgeons, Nigeria; Pathology Specialty that covers diagnostic pathology, Microbiology, Parasitology and Clinical pathology was situated in FVM UNN in 2009. This was followed by full accreditation of the courses in 2016, VTH UNN had full accreditation to host other specialties like Medicine, Surgery, and Public Health, in addition to Pathology. In 2021, during administrative reorganization of the college program, the UNVTH was made the Study Center of College of Veterinary Surgeon Nigeria (CVSN) for the Postgraduate Diploma training of veterinarians who want to be specialists (Members or Fellows) in different areas of veterinary profession. Also, in later part of 2021, the Fleming Fund Assisted Animal Health AMR Surveillance Sentinel Laboratory was established

HISTORY AND DEVELOPMENT OF THE VETERINARY TEACHING HOSPITAL, UNIVERSITY OF NIGERIA, NSUKKA

VISION

The vision of the hospital is to produce highly motivated and adaptable Veterinary Surgeons who are well equipped to embark on a successful career in Veterinary clinical practice, public health and preventive medicine; in biomedical and livestock industries; in collaboration with the Faculty of Veterinary Medicine.

OBJECTIVES

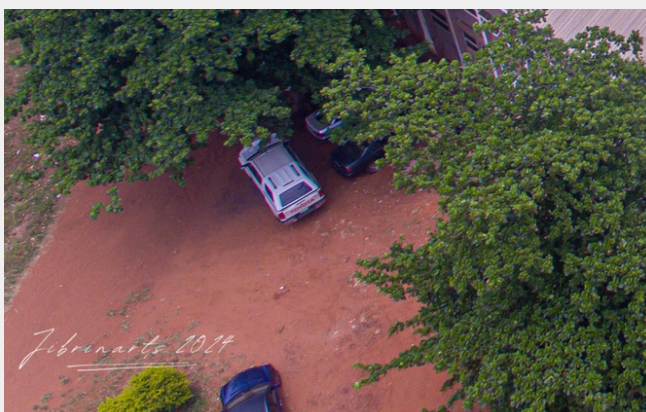
1.To provide tertiary animal healthcare services to the university community in particular and the public in general.

2.Provide a robust clinical training of veterinary students for successful veterinary practice.

3.To collaborate with the Ministry of Agriculture and Natural Resources of States in South East Region; Department of Veterinary Service and Pest Control of Federal Ministry of Agriculture & Food Safety in Animal Disease Reporting and Control, particularly zoonotic diseases and Transboundary animal diseases.

4.To collaborate with the Veterinary Council of Nigeria (VCN) and College of Veterinary Surgeon Nigeria (CVSN) in training of veterinarians who wants to be specialists in different areas of Veterinary profession.

5.To work in synergy with national and international research bodies for research in animal disease control and management.



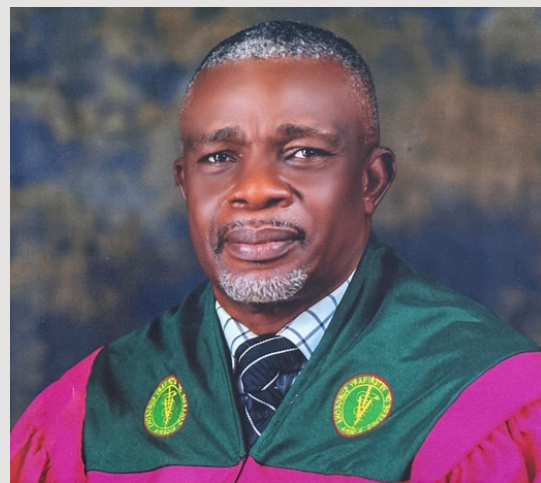


FROM THE DESK OF THE DIRECTOR VTH UNN

The primary objective of this inaugural brochure for the Veterinary Teaching Hospital of the University of Nigeria, Nsukka, is to provide a comprehensive overview of the hospital's organizational structure, constituent units, and core activities. Additionally, it serves as a platform to highlight the hospital's developmental journey and significant achievements over the years. By documenting these milestones, the brochure establishes a foundation for future endeavours in capacity building and continuous improvement. It is designed to serve as a reference point for stakeholders, showcasing the hospital's dedication to excellence in veterinary education, healthcare delivery, and research, while also outlining its vision for sustained growth and impact in the field of veterinary medicine.

The VTH UNN stands as a testament to resilience and progress. Its journey has been marked by challenges, yet with each passing year, strides towards excellence are unmistakable. Reflecting on my time as a clinical student, I recall our frequent visits to the Veterinary Clinic, Uwani, Enugu, driven by the scarcity of clinical opportunities. Since its inception in the 1980s, the hospital has undergone remarkable growth, evident in its expanded infrastructure, enhanced equipment, and the increasing influx of complex clinical and referral cases. Today, it stands as a beacon of advancement, offering unparalleled opportunities for both learning and service.

Over the years, the Veterinary Teaching Hospital has benefited from the vision and dedication of distinguished veterinary professionals who have served as Directors. Their leadership and clinical expertise have been instrumental in developing the facilities and services available today. Throughout the leadership changes, the Veterinary Teaching Hospital's commitment to providing compassionate, leading- and cutting-edge veterinary care and welfare has remained constant. The collaborative endeavours mentioned have solidified the VTH UNN's pivotal role in shaping future generations of veterinarians, delivering essential community services, and spearheading advancements in Nigerian veterinary medicine and biomedical research. Drawing upon its extensive pool of specialist expertise across various veterinary disciplines, the Veterinary Teaching Hospital (VTH), UNN serves as a distinguished Study Centre affiliated with the College of Veterinary Surgeons, Nigeria. Here, aspiring veterinarians seeking specialization, whether as Members or Fellows of the College, benefit from comprehensive Postgraduate Diploma training programs tailored to diverse facets of the profession. Guided by the oversight of the Veterinary Council of Nigeria, the activities of VTH UNN adhere to rigorous accreditation standards, ensuring the excellence of its programs and the seamless induction of new veterinary professionals into the field. The remarkable developmental strides achieved over the years have been made possible through unwavering support from the University of Nigeria administrations.



**Prof. Aruh. O. Anaga, Director, VTH UNN
(2021-2024)**

Yearly budgetary allocations and the provision of Direct Teaching and Laboratory Consumables (DTLC) have played pivotal roles in sustaining progress. Furthermore, the Veterinary Council of Nigeria (VCN) has provided invaluable support by furnishing laboratory equipment, consumables, and medications. The Nigeria Veterinary Medical Association (NVMA-National) contributed a soundproof Lister generator, while the Department of Veterinary Services and Pest Control of the Federal Ministry of Agriculture and Food Security supplied essential hospital equipment, drugs, and consumables. Additional assistance from the Nigeria Centre for Disease Control (NCDC) in the form of animal and human vaccines, personal protective equipment (PPEs), and other disease containment materials has further



FROM THE DESK OF THE DIRECTOR VTH UNN

bolstered our capabilities. These collaborative efforts, alongside interventions from other fund interventionist bodies, have been instrumental in propelling our hospital's growth and enhancing our capacity to serve the community effectively. In the area of disease research and surveillance, VTH UNN successfully participated in the European Economic Community (EEC) project on Trypanosomosis with Prof. S.M. Anika as the principal investigator, the EEC project on Rinderpest headed by Prof. Loveday Wosu, and AVIAN INFLUENZA CONTROL PROJECT (ANIMAL HEALTH COMPONENT) headed by Prof. B.M. Anene. Presently, the Microbiology Laboratory spearheads Animal Health Antimicrobial Resistance (AMR) Surveillance as a sentinel facility under the leadership of Prof. K. F. Chah. This initiative is made possible through funding from THE FLEMING FUND COUNTRY GRANT TO NIGERIA, in collaboration with the Federal Ministry of Agriculture and Food Safety, MOTT MACDONALD (MM), DAI, UKAID, AUSVET, Institute of Human Virology, and Livestock Management Service Ltd (LMS).

In Phase 1 of the project, the hospital completed the renovation and equipping of the laboratory, alongside comprehensive capacity-building efforts involving both hospital staff and faculty members of Veterinary Medicine. Recognizing these achievements, the hospital has received strong commendations and has been recommended for Phase II of the project. This next phase will involve the implementation of active and passive AMR surveillance activities across Southeast East Nigeria, further solidifying the hospital's commitment to combating antimicrobial resistance and advancing animal health outcomes. The World Bank in collaboration with the Nigeria Centre for Disease Control (NCDC) also supported the VTH UNN to actively participate in the REGIONAL DISEASE SURVEILLANCE SYSTEM ENHANCEMENT (REDISSE) PROJECT (ANIMAL HEALTH COMPONENT). In addition to its core objectives, the project encompasses disease reporting and surveillance efforts. Notably, it entails the provision of animal vaccines, primarily Anti-rabies vaccines for dogs, and Pre-exposure human anti-rabies vaccines for both hospital staff and clinical students, ensuring comprehensive protection. Furthermore, as a testament to its significance, the project is further supported by the generous contribution of a brand-new Hilux Toyota Van, enhancing the hospital's logistical capabilities and enabling seamless implementation of its initiatives.

Despite the remarkable progress achieved through these significant strides in activities and development, the Veterinary Teaching Hospital (VTH) of UNN still faces pressing challenges in terms of infrastructure. A critical need exists for a new building, as the current facilities are ageing and dilapidated. Additionally, there is a demand for essential hospital equipment, particularly surgical instruments, and digital X-ray technology with a digitizer, essential for modern diagnostic capabilities.

In conclusion, VTH UNN stands as a beacon of excellence renowned for its robust veterinary education and healthcare delivery. It serves as a pivotal institution in animal disease control, surveillance, and research. Despite the challenges, it continues to evolve and improve, much like fine wine, gaining richness and depth with each passing year.

Prof. Aruh. O. Anaga, Director, VTH UNN (2021-2024)



From the Dean's Desk

UNIVERSITY OF NIGERIA, VETERINARY TEACHING HOSPITAL: THE DEAN'S PERSPECTIVE



The University of Nigeria Veterinary Teaching Hospital (UNVTH) has a rich and storied history that reflects its enduring commitment to advancing veterinary medicine and serving the community. Established as part of the Faculty of Veterinary Medicine at the University of Nigeria, Nsukka, the hospital has played a central role in the training of veterinary students and the delivery of high-quality veterinary care to the region.

Founding and Early Years

The Faculty of Veterinary Medicine at the University of Nigeria, Nsukka, was first established as part of Faculty of Agriculture and Veterinary Medicine in 1964. Thus, the Veterinary Teaching Hospital was established first as a veterinary clinic shortly after, and as at 2024 has passed through thirteen successive leaderships, with late Professor Mba Uzoukwu as the pioneer director. From its inception, the faculty recognized



the importance of a teaching hospital to provide students with practical, hands-on experience, marking the beginning of a long tradition of excellence in veterinary education and healthcare. It became a teaching hospital in 1980 when the Department of veterinary medicine became a fully fledged faculty

Growth and Development

Over the years, the hospital expanded its facilities and services to meet the growing needs of the community and the evolving landscape of veterinary medicine.

New units such as small animal surgery, large animal surgery, anaesthesiology unit, Pharmacy, radiology and ultrasound examination units and specialties were introduced, offering advanced care in areas such as surgery, internal medicine, reproductive health, and more. The hospital also became a hub for research and innovation, contributing to the advancement of veterinary science.

Partnerships & Collaborations

As the hospital's reputation grew, it forged important partnerships with some livestock industries, government agencies- Uwani Veterinary hospital, Enugu, Federal livestock department, Abuja, Redisse (World Health) and other academic institutions. These collaborations enhanced the hospital's capacity to provide cutting-edge care and training of both undergraduate and post graduate students, while also facilitating research projects and community outreach programs.

Current Status

In recent years, the University of Nigeria Veterinary Teaching Hospital has continued to evolve, embracing new technologies and methodologies to provide the highest quality of care. Its state-of-the-art facilities and skilled staff ensure that the hospital remains at the forefront of veterinary medicine, both nationally and internationally.

Community Impact

The hospital serves as a central hub for the practical training of our veterinary students, offering them hands-on experience with a diverse range of animal species and clinical cases. This real-world exposure is integral to their development as competent and compassionate veterinarians. The UNVTH is staffed by a dedicated team of skilled veterinarians, animal health officers, and support staff who work tirelessly to provide the best possible care to the animals entrusted to us. Their expertise and commitment to animal welfare and client satisfaction set a standard of care that is both exceptional and inspiring.

The hospital's commitment to serving the community extends beyond its clinical and educational missions. It plays a vital role in promoting public health and safety through Ant rabies, Foot and Mouth Disease (FMD) and Peste dis petit ruminants(PPR) vaccination programs, disease surveillance and reporting, and other outreach efforts. In 2011, under my leadership as the Director to the hospital, the maiden workshop for livestock farmers and Livestock extension agents in ministries



and parastatals in the southeast and south south Nigeria took place, hence, its impact on the region is undeniable, making it an indispensable resource for both animals and humans alike. Our commitment to excellence is evident in every aspect of the hospital's operations, from the compassionate care we provide to our patients to the rigorous training we offer our students. The University of Nigeria Veterinary Teaching Hospital is an institution that consistently demonstrates its dedication to advancing the field of veterinary medicine, both within our university and beyond.

As a beacon of excellence in veterinary healthcare and education, embodying the highest standards of professional practice and academic achievement, I proudly associate with the University of Nigeria Veterinary Teaching Hospital (UNVTH).

Professor Chinedu Athanasius Eze
Dean, Faculty of Veterinary Medicine

SECTION 4 STAFF

Past Directors



Since its establishment, the Veterinary Teaching Hospital has benefited from the vision and dedication of distinguished veterinary professionals who have served as Director over the decades. Their leadership and clinical expertise have been instrumental in developing the facilities and services available today.

We are proud to honour some of the pioneering Past Directors who helped establish the foundations of this institution and steer its progress through changing times.

Throughout changes in leadership, the Veterinary Teaching Hospital's commitment to providing compassionate, leading-edge veterinary care has remained constant. The dedicated directors, past and present, have each left their unique mark in advancing the hospital's mission. Their collective efforts have cemented the VTH's role in training new generations of veterinarians, providing community services, and advancing the field of veterinary medicine in Nigeria.

As the VTH continues to evolve to meet the needs of the 21st century, it does so standing on the strong foundations built by the visionary leaders who have led the way.

PAST DIRECTORS



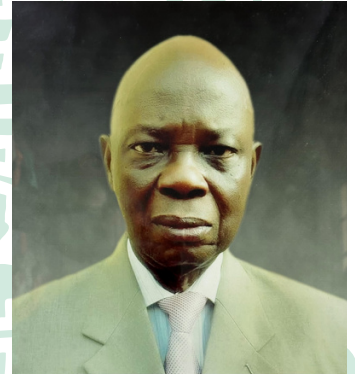
Professor Mba Uzoukwu
Director, 1989 - 1993



Professor Loveday Wosu
Director, 1994 - 1997



Professor C. C. Chukwu
Director 2002



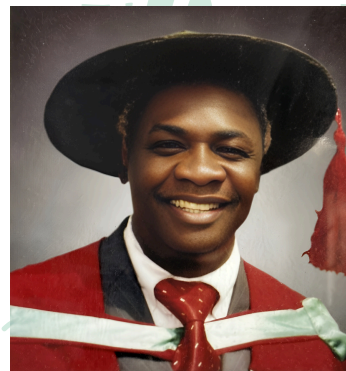
Professor R.O.C Kene
Director 2002 - 2004



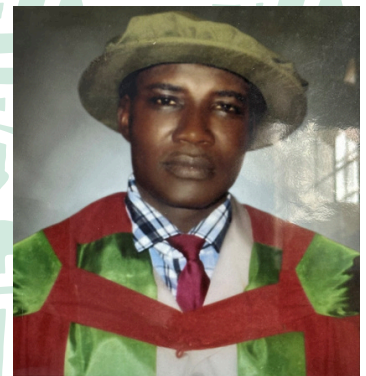
Dr. C.O. Emehelu
Director 2004 - 2006



Dr. E.I. Ugochukwu
AG. Director 2006 - 2008



Professor B. M. Anene
Director 2008 - 2010



Dr. C. A. Eze
AG. Director 2010 - 2012



Professor C. N. Uchendu
Director 2012- 2014



Professor J.I. Ihedioha
Director 2014 - 2016



Professor D. N. Onah
Director 2016 -



Prof. S. O. Udegbumam
Director 2018 - 2021



Professor A. O. Anaga
Director 2021 - 2024



CONTRIBUTIONS OF VARIOUS DEPARTMENTS TO THE VTH



VETERINARY MEDICINE

The Department of Veterinary Medicine provides high-quality clinical services to a variety of animal species, ranging from companion animals to livestock and wildlife. The department also conducts cutting-edge research on various aspects of animal health and disease, such as infectious diseases, immunology, oncology, cardiology, and neurology.

Our professional staff collaborate with other clinical departments and the Veterinary Teaching Hospital (VTH)

to diagnose, treat and manage complex medical cases. Department members also participate in clinical trials and research projects to advance the knowledge and practice of veterinary medicine.

The department plays a vital role in the education and training of veterinary students by offering clinical rotations, case discussions, and lectures on medical topics. The department also supervises postgraduate students and residents pursuing advanced degrees and specializations in veterinary medicine.

Outreach activities conducted by the department include mobile clinics, community health programs, and consultancy services to animal owners and farmers. The department also works with public health agencies, the Nigerian Veterinary Medical Association of Nigeria (NVMA) and the Enugu State Government Agriculture Department and Chief Veterinary Officer to address emerging and re-emerging diseases of animal and public health importance.

The department strives to uphold the highest standards of veterinary medical practice, research and education, and to contribute to the well-being of animals and humans.

VETERINARY SURGERY

The Department of Veterinary Surgery offers a wide range of surgical services to animals of different sizes and species, including soft tissue surgery, orthopaedic surgery, anaesthesiology, and diagnostic imaging. The department also engages in innovative research on various surgical topics, such as wound healing, pain management, biomaterials, and minimally invasive techniques.

Our professional staff work in close partnership with other clinical departments and the Veterinary Teaching Hospital (VTH) to provide surgical care and support to animal patients. Department members also conduct clinical trials and research studies to improve the outcomes and quality of life of animals undergoing surgery.

The department is committed to the education and training of veterinary students by providing clinical rotations, practical demonstrations, and lectures on surgical topics. The department also mentors postgraduate students and residents pursuing advanced degrees and specializations in veterinary surgery.

The department participates in outreach activities such as mobile surgical units, spay/neuter campaigns, and surgical workshops for animal owners and veterinarians. The department also collaborates with public health agencies, the Nigerian Veterinary Medical Association of Nigeria (NVMA) and the Enugu State Government Agriculture Department and Chief Veterinary Officer to prevent and control surgical diseases and injuries affecting animals and humans.

VETERINARY PHARMACOLOGY AND TOXICOLOGY

The Department of Veterinary Pharmacology and Toxicology studies the effects of drugs and toxins on living organisms and the environment. The department also develops and evaluates new drugs and therapies for the prevention and treatment of animal diseases.



Our professional staff cooperate with other clinical departments and the Veterinary Teaching Hospital (VTH) to provide pharmacological and toxicological advice and guidance to animal cases. Department members also conduct research and development projects to discover and optimize new drugs and drug delivery systems for animal use.

The department contributes to the education and training of veterinary students by offering courses, laboratory sessions, and lectures on pharmacology, toxicology, chemotherapy, and pharmacy. The department also trains postgraduate students and residents pursuing advanced degrees and specializations in veterinary pharmacology and toxicology.

The department is involved in outreach activities such as drug quality control, drug safety monitoring, environmental toxicology, and antidote provision for animal owners and veterinarians.

The department also works with public health agencies, the Nigerian Veterinary Medical Association of Nigeria (NVMA) and the Enugu State Government Agriculture Department and Chief Veterinary Officer to address issues related to drug resistance, drug development, and drug regulation affecting animals and humans.



VETERINARY PHYSIOLOGY AND BIOCHEMISTRY

The Department of Veterinary Physiology and Biochemistry investigates the structure and function of cells, tissues, organs, and systems in animals. The department also explores the molecular and cellular mechanisms underlying various physiological and biochemical processes, such as metabolism, reproduction, endocrinology, and neuroscience.

Our professional staff collaborate with other clinical departments and the Veterinary Teaching Hospital (VTH) to provide physiological and biochemical support and analysis to animal cases. Department members also conduct research and development projects to elucidate the molecular and cellular basis of animal health and disease.

The department participates in the education and training of veterinary students by offering courses, laboratory sessions, and lectures on physiology, biochemistry, cell biology, and biotechnology. The department also educates postgraduate students and residents pursuing advanced degrees and specializations in veterinary physiology and biochemistry.

The department engages in outreach activities such as biotechnology applications, genetic testing, and metabolic profiling for animal owners and veterinarians. The department also cooperates with public health agencies, the Nigerian Veterinary Medical Association of Nigeria (NVMA) and the Enugu State Government Agriculture Department and Chief Veterinary Officer to address challenges related to animal biotechnology, genetics, and metabolism affecting animals and humans.

VETERINARY PARASITOLOGY AND ENTOMOLOGY

The Department of Veterinary Parasitology is engaged in the training of veterinary students in their progression from pre-clinical, para-clinical and clinical levels during the 6-year professional DVM program. During these periods the students are exposed to the various parasites causing diseases in our domestic and wild animals as well as in aquatic animals. The students are taught the parasitological techniques deployed in the diagnosis of these diseases and the interpretation of the results from positive cases.

The department is an integral part of the disease diagnostic arm of the veterinary teaching Hospital as cases suspected to present clinical signs associated with parasitic diseases are further investigated for confirmation.



This Department and its staff are also involved in community and extension services through the Veterinary Teaching Hospital (VTH) and in collaboration with the Veterinary Services Units of the various State and Local Governments and their Chapters of the Nigerian Veterinary Medical Association (NVMA) in the southeast zone of Nigeria and Enugu state.

The department also is a unit in the Pathology specialty (Parasitology option) in the Nsukka study centre of the College of Veterinary Surgeons Nigeria diploma program of the Veterinary Council of Nigeria (VCN). The staff of the department serve as resource persons to the college and a great addition to the quality of the program.

Since its establishment, the department of veterinary Parasitology & Entomology and its staff participate actively in the well-established tradition of the faculty in veterinary education, research and service-rendering which has sustained the production of well-trained graduates who work to strengthen and advance the link between animal health and human health in Nigeria, Africa and globally.

VETERINARY OBSTETRICS AND REPRODUCTIVE DISEASES

The Department of Veterinary Reproductive Health and Medicine, working closely with the Veterinary Teaching Hospital (VTH), focuses on protecting animal health and welfare through reproductive services, disease surveillance and clinical training of veterinary students.

Our specialist staff collaborate extensively with other clinical departments, investigating the underlying causes of infertility and reproductive disorders in hospital patients. We advise on appropriate testing, treatment, and prevention protocols. Department members also evaluate hospital practices and facilities to ensure compliance with reproductive health and biosecurity standards.

A core function is providing clinical rotations, hands-on demonstrations, and lectures on reproductive health topics to equip veterinary students with applied skills in key areas during their professional training at the VTH. This includes pregnancy diagnosis, neo-natal care, disease surveillance and epidemiology of reproductive diseases.

Community initiatives operated through the VTH incorporate artificial insemination programs, reproductive disease monitoring and health education events undertaken in partnership with livestock groups, veterinary associations, and State Agriculture Departments.

Continuing education for veterinarians is enhanced via short courses and seminars delivered by department staff, covering topics such as fertility management, obstetrics and assisted reproductive technologies. This strengthens livestock productivity.

The Department's contributions ensure the VTH fulfils its mandate to deliver modern reproductive veterinary services, comprehensive education, and safeguard animal welfare.



VETERINARY ANATOMY

The Department of Veterinary Anatomy teaches and researches on the form and structure of various animal species, from gross anatomy to histology and embryology. The department also applies anatomical knowledge to related scientific fields such as comparative anatomy and veterinary neuroanatomy.

Our professional staff work with other clinical departments and the Veterinary Teaching Hospital (VTH) to provide anatomical information and assistance to animal cases. Department members also conduct research and development projects to improve the anatomical techniques and methods for animal studies.

The department plays a key role in the education and training of veterinary students by offering courses, practical sessions, and lectures on anatomy, histology, and embryology. The department also supervises postgraduate students and residents pursuing advanced degrees and specializations in veterinary anatomy.

The department maintains a collection of anatomical specimens, models, and slides that are used for teaching and research purposes. The department also offers anatomical services such as necropsy, histopathology, and cytology to the VTH and other clients. The department strives to uphold the highest standards of veterinary anatomical practice, research, and education, and to support the VTH in its mission of providing quality animal care.

VETERINARY PATHOLOGY AND MICROBIOLOGY



The Department consists of two distinct units that independently render professional services to the teaching hospital.

Pathology Unit: Veterinary pathology services play a pivotal role in the functioning of the VTH, contributing significantly to both diagnostic advancements and educational initiatives.

The Pathology unit is made up of two functionally distinct sub-units: Anatomic Pathology and Clinical pathology.

- The Anatomic Pathology sub-unit provides post-mortem, histopathological and other relevant examinations required to determine the immediate cause of death, and monitor disease incidence pattern in domestic animals and poultry.

- The Clinical Pathology sub-unit conducts haematological, serum biochemical, and urine analysis testing, as well as antemortem investigations, generating diagnostic information that aid the clinicians in making accurate diagnoses and treatments.

Microbiology Unit: Our microbiology laboratory houses the services of seasoned professionals in bacteriology, mycology, virology, and immunology. They provide microbiology services to the VTH for the diagnosis of bacterial, fungal, and viral diseases of domestic animals and poultry through microscopy, culture, and antimicrobial sensitivity testing. Our findings are communicated through detailed reports to aid the clinicians in making accurate diagnoses and formulating effective treatment plans.

Veterinary teaching hospitals serve as vital hubs for training future veterinarians. In the Department of Veterinary Pathology and Microbiology, we provide essential hands-on learning experiences for students. As students actively engage in necropsies and diagnostic procedures under the guidance of experienced pathologists and microbiologists, they gain invaluable insights into disease processes and the intricacies of pathology

VETERINARY PUBLIC HEALTH AND PREVENTIVE MEDICINE

The Department of Veterinary Public Health and Preventive Medicine works closely with the Veterinary Teaching Hospital (VTH) to protect animal and human health through disease surveillance, outbreak investigations, food safety, and clinical instruction of veterinary students.

Our professional staff work closely with other clinical departments to investigate the epidemiology of hospital cases and advise on appropriate testing, treatment, and control protocols. Department members help evaluate hospital practices and facilities to ensure compliance with hygiene and preventive medicine standards.

The department fulfils a major teaching role by providing clinical rotations, hands-on demonstrations, and lectures on public health topics to veterinary students completing their professional training at the VTH. This instruction equips graduates with applied skills in meat hygiene, disease surveillance, outbreak response, and epidemiology.

Community engagement initiatives operated through the VTH include disease surveillance programs, vaccination campaigns and health education events run in collaboration with public health agencies, the Nigerian Veterinary Medical Association of Nigeria (NVMA) and the Enugu State Government Agriculture Department and Chief Veterinary Officer.

Continuing education for veterinary professionals is enhanced through courses delivered as a part of the Nsukka study centre of the College of Veterinary Surgeons Nigeria (CVSN), in addition to short seminars delivered by department staff on topics to strengthen linkages between animal health, public health and food safety.

Overall, the contributions of the Department of Veterinary Public Health and Preventive Medicine ensure the VTH fulfils its obligations of providing modern preventive veterinary services, comprehensive community education and high standards of zoonotic disease control



DEPARTMENT OF ANIMAL HEALTH AND PRODUCTION

HERD HEALTH Clinics is a clinical course domicile in the Department of Animal Health and Production (AHP). Herd health is defined as regularly scheduled Veterinary activities and good herd management designed to achieve and maintain optimum animal health and production.

The two main objectives of herd health and production management are:

1. To maintain animals at an excellent health status;
2. To maintain animals at an optimum level of productivity.

The department of Animal Health and production makes significant contributions to the education of veterinary students through the courses it offers. One of such courses is Herd Health, which emphasizes the importance of population-level medicine and focuses on the health management of groups of animals rather than individual cases. This approach is valuable for veterinary students to understand the dynamics of disease transmission, prevention measures, and management strategies at a herd or population level.

Staff of AHP take clinical students to farms to institute herd health programmes.

Herd health farm visit involves;

- A.** Clinical examinations of the animals in the farm
- B.** Critical appraisal of the productive performance through the farm record
- C.** Evaluation of the biosecurity status of the farm by scoring using the FAO scoring template and noting the biosecurity gaps.
- D.** If there is any sick animal, appropriate samples should be collected for laboratory diagnosis.

Following each farm visit, the team should prepare a report to the farm. The report should indicate all that was carried out in the farm including the clinical examination of animals and observations made, assessment of productive performance and biosecurity score. The report should also make recommendations that will improve the health status and performance as well as measures to close all the biosecurity gaps.


Finally, the report should set production target for the farm and indicate expected revenue profile for at least one year of production.

Herd Health also demonstrates the importance of comprehensive herd management practices, including nutrition, housing, reproduction, and vaccination programs. This knowledge is beneficial for the veterinary teaching hospital staff involved in herd health consultations, farm visits, or outreach programs, as they can provide evidence-based recommendations to improve the health and welfare of animal populations.

Moreso, the department through its Herd Health program, fosters collaboration between veterinarians, epidemiologists, nutritionists, and other professionals. By promoting such interdisciplinary teamwork and communication skills, the department prepares students and teaching hospital staff to embrace diversity, collaborative problem-solving work, and learning opportunities on complex herd health issues, providing a holistic approach to animal health and well-being.

AHP Staff in collaboration with VTH Staff handle students on standard procedures for farm decontamination, fumigation and candling in hatchery operation.

AHP staff also take clinical students on large animal clinics (Cattle, sheep, goats and pigs).



**THE GREATNESS OF A
NATION AND ITS MORAL
PROGRESS CAN BE
JUDGED BY THE WAY ITS
ANIMALS ARE TREATED**

Mahatma Gandhi