



DEPARTMENT OF HUMAN PHYSIOLOGY,
FACULTY OF BASIC MEDICAL SCIENCES, COLLEGE OF MEDICINE

1. Name and Image of the HOD



DR ABUBAKAR ABDULRAZAK
Head, Department of Human Physiology

2. Welcome address by the Head of Department

Welcome to the department of human physiology:

We are vibrant and forward thinking department committed to excellence in physiology education, research in basic medical sciences at molecular level and suiting innovations to our community /environment through hands on practical insights and real world application of physiology knowledge.

Research is at the heart of our department with staff engaged in ground-breaking innovative projects that try to address health tackle communities and global challenges in the community through systematic approach. Our state of art facilities and research centers provide an environment conducive to innovation and discovery. We are dedicated to empowering students with the skills and experiences necessary for successful careers.

Join us at the department and embark on a transformative educational journey, shape the future with us through modern teaching and learning methods, knowledge innovative research, exciting knowledge acquisition experience and interdisciplinary collaboration. Our overwhelming with a rich tract record of academic and research excellence have been a cornerstone to we have been shaping the minds of tomorrow future leaders in clinical and applied medical sciences since year of establishment.

Our esteemed departmental staff are accomplished experts dedicated to delivering of high quality physiology education to maintain and improve forstering a dynamic learning and research environment.

3. History of the Department (Historical Background)

The Department of Human Physiology, Kaduna State University, was established in 2008 when the then, Faculty of Medicine, Kaduna State University was established in 2008, with the first set of students

admitted in 2009. Department of Human Physiology, together with other departments under the faculty, moved into their respective buildings in 2011, with However, the department became functional in 2011 with three tenure and one academic staff² tenure and 1 visiting academic staff. But in March 2017, Faculty of Medicine was upgraded to a College and the department became part of the Faculty of Basic Medical Sciences.

The pioneer Head of Department (HOD) was Professor Abdulaziz Aliyu Umar Dikko (of blessed memory), served till 2012. /2013 session. From 2012/2013 all through to 2015, Then Dr. Ciroma, Fatima Lami took over affairs of the department as acting HOD, followed by acted from 2013 to 2015. Dr Yusuf, Mohammed Suraj, who acted from 2015 to 2016. Again, in 2016, Dr. Ciroma, F. L. was given the mantle of leadership of the department for an additional 2 years. was given the mantle to serve for an additional 2 years.

In 2018, Dr. Mohammed Kabir Ahmed emerged HOD after the first consultation, where he served in this capacity until February, 2021. Finally, in 2021, Dr. Abubakar Abdulrazak became the HOD, and has been leading the department since then. is the current head of department since 2021.

In any case the department is enriched with qualified academic and laboratory staff that can handle both Bachelor and Postgraduate trainings. Furthermore, In addition the department of Human Physiology tutor students from pharmacy, physiotherapy, nursing, medical laboratory sciences and radiology, in addition to the MBBS students.

Preparations have been ongoing and it is therefore hoped that the department will soon begin to train core Bachelor of Science Physiology undergraduates as well as graduate students. be given approval to run the applied degree programmes.

Activities and Events

In October, 2017, the department historically hosted the 37th annual Scientific Conference of the Physiological Society of Nigeria (Psn). It was a tremendous success which was graced by participants from all across the country, with well over 300 people in attendance. It was the first of its kind in the University, and had a grant of £2,500 awarded by The Physiological Society, London.

Members of the department also co-organised the 38th annual Scientific Conference of the Physiological Society of Nigeria (Psn) at Ahmadu Bello University Zaria, also which was a success.

As part of activities in the department, the usual faculty of Medicine Seminar Series has extended to the departmental Seminar, which was conducted in July, 2018 exclusively sponsored by its international body (Physiological Society London).

In addition, preparations are ongoing to conduct an outreach programme, "The Physiology Friday", concurrently with the International Body, The Physiological Society London. It is a kind of physiology awareness activity which is to be conducted in October every year.

Research

In terms of research, the department in collaboration with the department of community medicine conducted a broad university based research and awareness on prevalence and determinants of obesity and hypertension in Kaduna state university community.

Secondly, Likewise, the departmental research group also carried out a work conducted a study to evaluate health outcome of taking brown sugar over white sugar on some physiological parameters in Wistar rats. Furthermore, an ongoing study is research group is conducting a research on the effect of *Adansonia digitata* on some clinical indicators in highfat-streptozotocin induced metabolic syndrome , Our departmental research group is one of the most active in the college of medicine, we have also design some other studies awaiting to be conducted.

4. **Mission:**

At the department of Human Physiology our mission is to provide a transformative education experience that goes beyond the classroom walls. We are committed to fostering intellectual growth, empowering individuals and nurturing the development of well rounded global citizens.

Vission:

To be premier institute of physiological sciences renowned for excellence in physiology education, biomedical molecular research and innovations.

Core values:

Academic excellence; we are committed to upholding the highest standards of academic excellence, providing rigorous and innovative educational programs that foster intellectual growth and inspire a lifelong pursuit of knowledge.

Integrity and Ethics; we value integrity and ethical conduct in all aspects of university life. We instill strong sense of responsibility, honesty, and ethical behavior in our students and staff ensuring that our actions are guided by principles of fairness, transparency and accountability

Innovation and entrepreneurship; nurturing creativity, critical thinking and problem solving skills. We foster an entrepreneurial mindset, empowering students and staff with physiological

basis to explore new ideas in wider area of its applications in assess, embrace calculated risk and drive positive change in the world.

Community engagement and social responsibility; we are dedicated to actively engaging with our local and global communities, addressing societal challenges and making a positive impact. We promote social civic engagement inspiring our students to become compassionate leaders who contribute to the betterment of society.

These core values guide our actions ensuring that we provide a nurturing and transformative educational environment for all members of our community.

of the Department

5. Contact information of the Department
humanphysiologydept@kasu.edu.ng
6. List of Programs offered by the department
7. Programs

The department is services include teaching:

Medical Students running MBBS program,

BPharm students

BNSc Nursing

Medical Laboratory Scientist

Physiotherapy

Radiography

Programs yet to commence waiting for Accreditation include

BSc. Human Physiology

PGD Human Physiology

MSc Human Physiology

PhD Human Physiology

8. Entry requirement for each program

9. Pictures of Staff



Dr. Abubakar Abdulrazak



Dr. Goji Teru A. D.



Dr. K.A. Mohammed



Dr. Fatima Lami Ciroma



Dr. Mohammed Suraj Yusuf



Dr. Ohunene Avidime M.



Dr. Maryam Na'iyah Sada



Dr Danboyi T.



Dr. Fatima Yahya Ja'afar



Mrs Aisha Idris



Malam Halliru Mohammed



Mr Aboi Babangida



Malam Usman Datti

1. Pictures of Buildings, students, Laboratories









News and events of the department and pictures;

Staff at 37th Physiological Society of Nigeria conference and Departmental seminar Pictures









2. Informations about partnership and collaboration of the department

The department tract records of positive tides with professional colleagues and departments both national and international.

Many Professional bodies have been generous in sponsoring staff to workshops, conferences and departmental events such as; The Physiological Society London (Physoc UK), African Association of Physiological Society (AAPS) and International Union of Physiological Society (IUPS).

3. Research focus of the department.

The departmental research focus:

Metabolic syndrome, its relationship to other non-communicable diseases (Obesity, type 2 diabetes, Cardiovascular disorders, gastrointestinal and neurodegenerative disorders) and remedy to delay or reverses health complications associated to these disorders through understanding their molecular pathophysiological basis and systematic approach interventions.