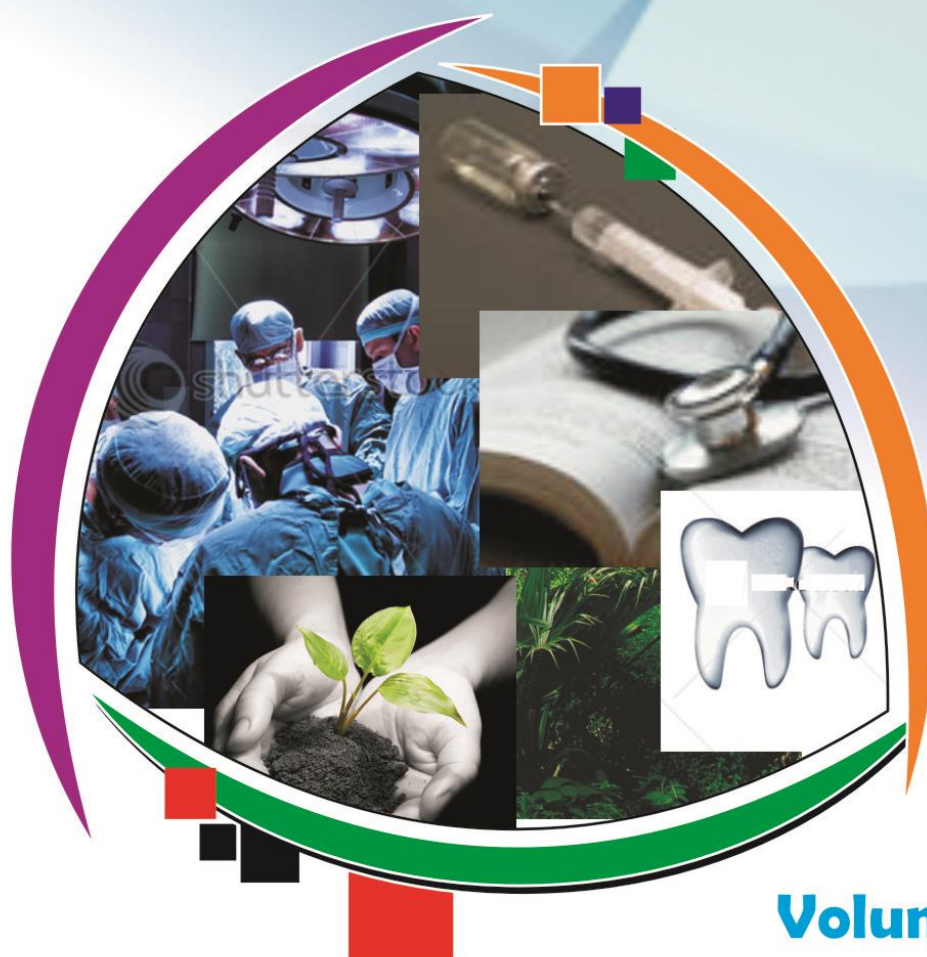




9th UNILAG

**ANNUAL RESEARCH
CONFERENCE**

**AND
FAIR**



Volume 2

Medical Sciences

(Basic Medical Sciences, Clinical Sciences,
Dental Sciences & Pharmacy)

Book of Proceedings

BOOK OF PROCEEDINGS

FOR THE

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THEME:

HEALTH, INFRASTRUCTURE AND DEVELOPMENT

VOLUME 2:

MEDICAL SCIENCES

Conference Dates:
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PREFACE

The University of Lagos recognizes the importance of collaboration between the industries as well as all stakeholders in education and research. Considering the state of human resource and infrastructure in developing society and industry at this stage of our national development; the theme for the 9th **UNILAG Annual Research Conference and Fair is Health, Infrastructure and Development.**

Infrastructure is the basic framework for delivering energy, transport, water and sanitation as well as information and communication technology services to people. This directly or indirectly affects people's lives everywhere. That relationship is reflected in the Millennium Development Goals (MDGs). Yet only two MDG targets touch on infrastructure services: water and sanitation (target 7C) and telephones and the Internet (target 8F); energy and transport are missing entirely. And no goal or target addresses the comprehensive role of infrastructure in achieving the MDGs. The 9th **UNILAG Annual Research Conference and Fair is set to fix the missing link.**

The conference will provide: a forum for researchers, practitioners in industry and policy makers to share ideas on infrastructure as it affects the health and development of our nation. The major sub-themes of the conference have been divided into five main topics for presentation as plenary lectures as well as arranged submitted abstracts into these major subthemes for parallel oral presentations.

The Keynote Address is to be delivered by the custodian of the nation's health in the person of **Prof. Onyebuchi Chukwu, Minister of Health. The plenary lectures are also to be delivered by experts in the various fields:**

Speaker	Topic
Pharm. Richard Iweanoge, General Manager (Sales Channels) MTN Communications Nigeria	Communication, Technology, Energy and Health: Correlations & Implications
Dr. Rui Gama Vas, World Health Organization Representative in Nigeria	The Public, Community Health and Development: Correlations for Survival
Prof. Olubunmi E. Olapade-Olaopa, Dept. of Surgery, University College Hospital, Ibadan	Curriculum and Production of Knowledge: Implications for Development
Dr. (Mrs.) Gloria N. Elemo – Director General/CEO, Federal Institute of Industrial Research Oshodi, (FIRO)	Nano-Science and Health: the State of the Nation
Barr. Remi Ogunmefun - Director General, Manufacturers Association of Nigeria	Infrastructure, Manufacturing, Socio-Economic Factors and Security: The implications to Health

Research infrastructures play a crucial role in making all these happen and I am very pleased that this conference is putting the dimension of research infrastructures high.

A total of 287 submissions of which there are 129 full papers, the other 158 are mainly abstracts whose research details are to be featured by the authors as Poster Presentations. Authors of the 129 full papers are slated for Oral Presentations to run concurrently in the five (5) parallel sessions.

The following publications are available for participants:

1. A book of Abstracts containing all accepted abstracts submitted (287), including the abstracts of accepted full papers, made available to all registered participants.
2. Three (3) Volumes of Books of Conference Proceedings:

Volume 1 for Humanities: 35 Papers from the Faculties of Arts, Business Admin, Education, Law and Social Sciences

Volume 2 for Medical Sciences: 39 Papers from the Faculties of Basic Medical Sciences, Clinical sciences, Dental Sciences and Pharmacy.

Volume 3 for Sciences: 55 Papers from the following Faculties; Engineering, Environmental Sciences and Science.

These 3 volumes have been produced both in print and in soft copy as Pdf format burnt on CDs. The CDs are provided for all registered participants while the hard copy print is to be made available on request at a minimal cost.

Worthy of note is the high profile and expertise of the participants from across the nation. So there is no doubt that the presentations and discussions will be very stimulating. Experts and stakeholders will also make specific recommendations on research infrastructures to respond to societal challenges.

Sincere appreciation to the University of Lagos for continued support in sustaining the research conference over the years and the Conference Planning Committee (CPC) for their untiring efforts.



Professor Olukemi A. Odukoya FPSN
Chairperson
9th UNILAG Conference Planning Committee

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