

THE PLACE OF MEDICAL EDUCATION IN THE HEALTH REVOLUTION OF ONDO STATE

Professor Friday Okonofua, FAS

**Vice-Chancellor, University of Medical Sciences,
Ondo State**

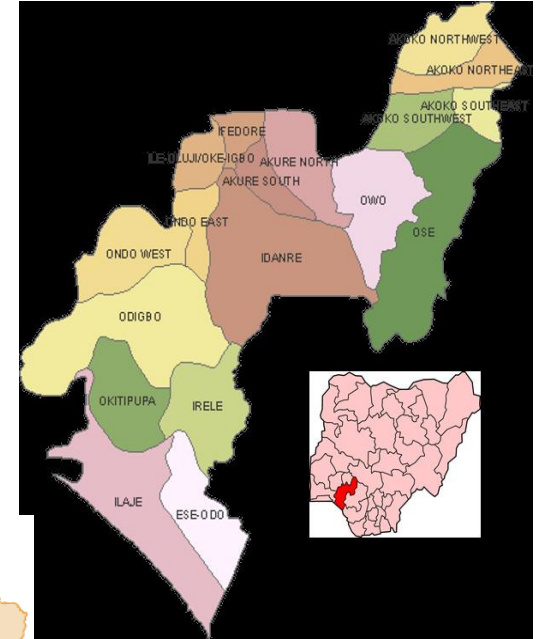
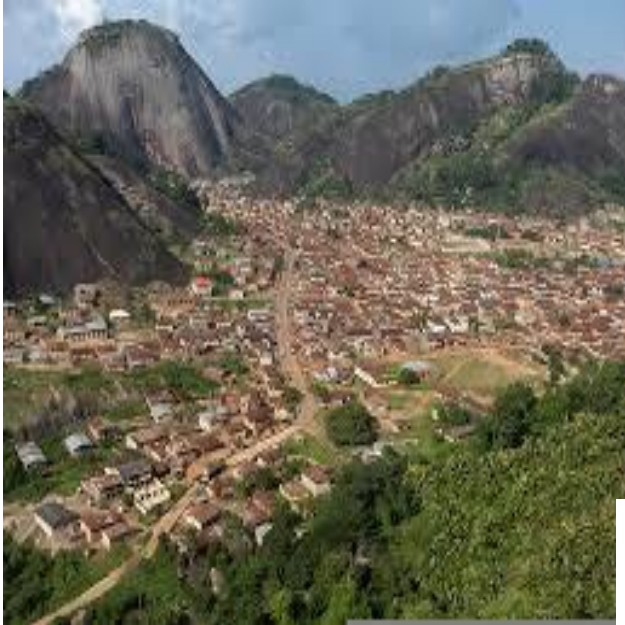
Presented at the Opening Ceremony of the Annual General Meeting and Scientific Conference of the Medical and Dental Consultants Association, Ondo State Government Hospitals Chapter (MDCAN ODSGHC).

November 4, 2015

Presentation Objectives

- Review Milestones of Ondo State in the provision of health care
- Human Resource needs in Ondo State and nationally
- Role of Medical Education in Ondo's health transformation
- Mission and Vision of the University of Medical Sciences (UNIMED), Ondo State
- UNIMED's innovation in world-class medical education
- UNIMED – 2015 and Beyond: A call for action
- Conclusions

Ondo: A State of Beauty, Colour and Culture



Geography

- ❖ South-west geo-political zone
- ❖ Land area- 15,000 sq.km
- ❖ Oil producing state
- ❖ Luxuriant vegetation
- ❖ Long coast line
- ❖ Population- approx 3.4m

Natural Resources

- ❖ Extensive fertile soil for agriculture
- ❖ Vast forest resources
- ❖ Variety of timber species
- ❖ Largest producer of cocoa
- ❖ Cash crops- rubber, cashew, oil palm etc
- ❖ Abundant mineral resources

Ondo State: A New Beehive of Medical Activities

- Previously an obscure State with few medical facilities, Ondo is now one of the leading States providing state-led medical facilities in Nigeria
- Over 7 years ago, Ondo State had no tertiary hospital of note, and was one of a few states in Southern Nigeria without a Teaching Hospital
- Now the State not only has world-class medical institutions, but it is also systematically transforming its medical education system.



Unparalleled Medical Transformation in Ondo State



Health as a Niche for Ondo State

- Today, Ondo State is clearly the number 1 State in Nigeria in terms of health transformation
- With such massive infrastructural development and social investment in health in Ondo State, it will be inappropriate not to map out ways to sustain the gains.



Medical Staff Strength

| | UTH | FMC | MCHA | MED VILL, ONDO |
|-------------------------------|------------|------------|-------------|---------------------------|
| <i>Consultants</i> | 21 | 5 | 2 | 31 |
| <i>Chief medical officers</i> | 0 | 0 | 1 | 0 |
| <i>Senior registrars</i> | 12 | 0 | 0 | 1 |
| <i>Registrars</i> | 25 | 15 | 0 | 32 |
| <i>Medical officers</i> | 0 | 0 | 5 | 43 |
| Total | 58 | 20 | 8 | 107 |

Sustaining Ondo Health Transformation

- Funding the Initiative - Tax, health insurance, citizens' registration, donor support.
- Sustaining political will and commitment for health delivery
- Community mobilization, advocacy and public education
- Investment in medical education to sustain the supply of all categories of health manpower

Investing in Medical Education

- A sustainable way to ensure steady supply of human resources to deepen the implementation of health services, especially in critical service delivery areas
- High quality pre-service and in-service training can improve the quality of health services that will enable the State match the quality of services offered in other parts of the world
- That's the only way we can revert Nigeria's current propensity to seek health care abroad.

Huge Health Human Resource deficit in Nigeria

Nigeria needs 237,000
doctors but has 35,000 –
WHO

Professor Ogunsola, Nov
2, 2015



Revamping Schools of Nursing and Midwifery in Ondo State



University of Medical Sciences: the most important health gain in Ondo State



UNIMED – the Breakthroughs

- UNIMED is the first medical University in Nigeria – 4th in Africa
- 140th University in Nigeria
- 39th State University
- 33 Universities offering medical courses – 12 being State Universities



UNIMED – filling a gap in human resource development for health

| Course | Federally Funded | State Funded | Privately Funded | Total | % of all Universities |
|--------------------------------------|------------------|--------------|------------------|-------|-----------------------|
| Medicine | 16 | 11 | 4 | 31 | 25.1 |
| Dentistry | 7 | 1 | 0 | 8 | 1.5 |
| Pharmacy And Pharmaceutical Sciences | 12 | 2 | 2 | 16 | 13.1 |
| Nursing and Midwifery | 11 | 6 | 4 | 21 | 17.2 |
| Medical Laboratory Sciences | 9 | 6 | 5 | 20 | 16.2 |
| Physiotherapy/Medical Rehabilitation | 7 | 0 | 0 | 7 | 1.7 |
| Radiography | 6 | 0 | 0 | 6 | 1.9 |
| Dietetics | 2 | 0 | 2 | 4 | 1.3 |
| Audiology | 1 | 0 | 0 | 1 | 0.3 |
| Optometry | 2 | 1 | 1 | 4 | 1.3 |
| Speech and Language Therapy | 0 | 0 | 0 | 0 | 0 |
| Orthotic and Prosthetic Technology | 0 | 0 | 0 | 0 | 0 |
| *Occupational Therapy | 0 | 0 | 0 | 0 | 0 |

Mission Statement of UNIMED

The Mission of UNIMED is to provide exceptional quality and comprehensive health care and integrated education and research in all health-related sciences, to expand access to compassionate and high quality health care for under-served populations, and to lead the scientific pathway for reducing the burden of disease in our areas of operation.

Vision of UNIMED

The vision of UNIMED is to be a thriving medical and health sciences University, locally, nationally and internationally recognized for excellence and innovation in health education and research, and for ability to translate research findings for the improvement of health in communities with high burden of disease.

Consensual/Communal Vision for UNIMED

To establish a 21st century world-class University of excellence in medical research, teaching and service delivery.

Core Values of UNIMED

- Meritocracy
- Excellence in all components of University Administration
- Internationalisation
- Transparency and Accountability
- Innovation and entrepreneurial ethos
- Partnerships, cooperation and collaboration
- A progressive and forward-looking spirit

Goal of UNIMED

The goal of the University is to support Nigeria's quest for high quality education, service delivery, research and innovation in the medical sciences.

Specific Objectives of UNIMED

- To prepare students for leading professional roles in all disciplines in the health sector in Nigeria and globally;
- To offer the best tertiary health care for all forms of diseases, disabilities and deformities that are prevalent in the areas we serve;
- To promote research and creative work for improving the health of Nigerians and the world at large;
- To develop human and physical resources of the University to some of the best attainable standards in the world; and
- To promote the health and social well-being of Nigerians through engagement, outreach services and public education.

My Objectives as VC of UNIMED

- Build a transparent, effective and accountable governance founded on sound administrative and academic principles;
- Develop a multi-stakeholder funding base, and engender the sensible and accountable appropriation and use of the funds for the sustainable development of the University;
- Provide for the infrastructural development of the University that meets the highest models of University physical planning;
- Promote the academic growth of the University in teaching and applied research; and
- Support community out-reach services and development

The Four Pillars of World Class Universities

- Teaching Quality
- Research Quality
- Presence of international staff and students – internationalization
- Graduate employability both nationally and internationally

THE TOP TEN

- Harvard
- Yale
- Cambridge
- Oxford
- California Inst of Tech
- Imperial College London
- University College London
- University of Chicago
- Massachusetts Inst of Tech
- Columbia University

Academic Faculties and Courses

Faculty of Science: Physics, Chemistry, Biology, Computer Science

Faculty of Basic Medical Sciences: Anatomy, Physiology, Biochemistry, Nursing, Medical Laboratory Sciences, Medical Rehabilitation, Medical Illustration

Faculty of Clinical Sciences: Medicine

Faculty of Dentistry: Dentistry

Faculty of Pharmaceutical Sciences: Pharmacy

School of Public Health: Short Term, Diploma, Masters and PhD courses in public health

Uniqueness of UNIMED

- Science based education – strong basic medical and science orientation
- Integrated medical education
- Strong multi-disciplinary research base with collaboration between basic medical, clinical researchers and other health professionals
- Strong public health approach
- Use of ICT-based modern learning methods
- Partnerships with international institutions
- High excellence in medical service delivery

Plan for Academic Activities

| | |
|---------------------------------------|-----------------------------|
| <u>Admission:</u> | Early November 2015 |
| <u>Residence</u> | November 20, 2015 |
| <u>Registration</u> | November 20-23, 2015 |
| <u>Staff Orientation</u> | November 1-25, 2015 |
| <u>Students' Orientation</u> | Nov 25-Dec 10, 2015 |
| <u>Matriculation</u> | December 11, 2015 |
| <u>Ist Sem Lectures Begin</u> | December 12, 2015 |
| <u>Break:</u> | Dec 23, 2015 to Jan 4, 2016 |
| <u>First Semester Lectures Resume</u> | January 4, 2016 |

UNIMED's Projected Developmental Milestones

- Excellence in Students Learning and Welfare
- Excellence in Staff Re-training and Welfare
- Research projections
- Infrastructural Development
- National and International Partnerships
- Plan for Community Linkages and Development
- Plan for Fund Raising and Resource Mobilization

Excellence & Innovation in Students' Learning

- Computer-based learning and ownership
- Integrated and multi-disciplinary medical curriculum
- Industry work-place internship placements
- Deep grounding in research, innovation and critical thinking
- Integrated practical entrepreneurial training

Excellence in Staff Welfare and Re-training

- Teacher orientation and training/re-training workshops
- Training staff in research methodology, proposal writing, scientific writing and strategic communication
- Good library and ICT facilities
- Support for research, and attendance of staff in academic conferences
- Good staff remuneration & welfare packages

UNIMED'S Research Activities

- Establishment of a Centre for Medical Research and Innovation (CMRI)
- Creation of a central research laboratory that meet international standards
- Establishment of multi-disciplinary research teams
- Regular special guest lectures that focus on disseminating University research results
- Establish and adequately fund a University Research and Publications Committee (URPC) that support staff to conduct research and publications in the University.
- Establish linkages with international centres of learning, research and innovation in health

UNIMED's Projections on Infrastructure

- Developing a master physical plan that will be an architectural masterpiece.
- All aspects of University life will be adequately represented
- Will be developed in 3 phases
- Stepwise development of the masterplan to cover a 5-year period for Phase 1
- A strong ICT base will be developed

International Partnerships

- A Unit of International Partnership and Liaison is being created.
- Linkages to be developed with major Universities that deal with health, and also with some of the existing Medical Universities around the world.
- This will create opportunities for staff and students exchange, teaching and collaborative research

On University-Community Linkage

- One of the indicators by which Universities are now being assessed across the world is the extent to which they contribute to the development of their immediate communities.
- UNIMED promises to work very closely with the local communities in Ondo State to develop innovative ideas that will lead to further development of the entire Ondo State.

UNIMED Community Development Plans

- Building community social interactions and linkages.
- Promoting Community projects and Interventions.
- Encouraging community stakeholders to directly or indirectly contribute to the development of the University

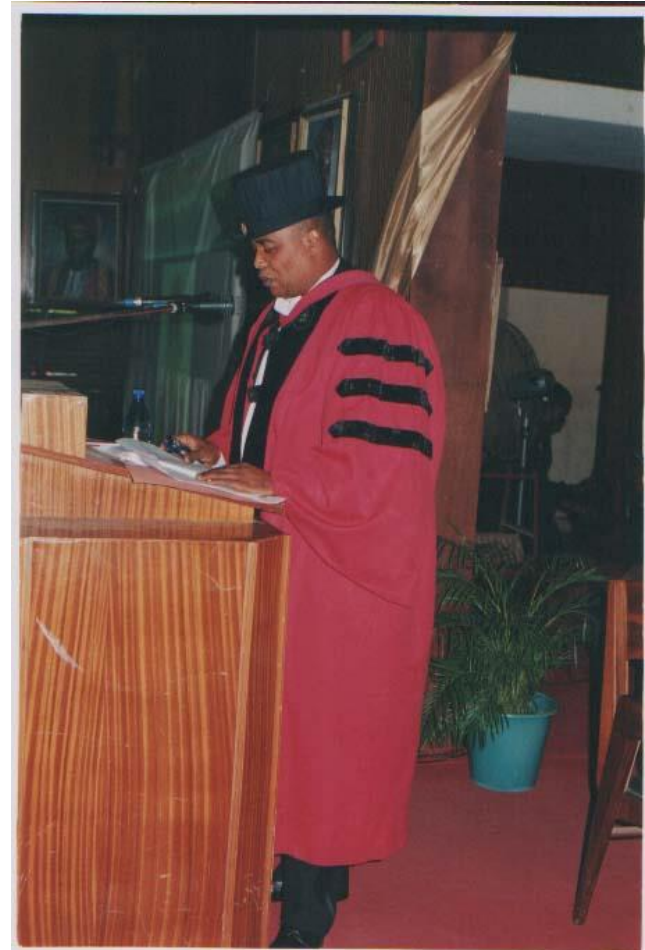


Fund Raising and Resource Mobilisation

- An office of Fund-Raising and Resource Mobilization has been created
- A Committee on Fund-Raising and Resource Mobilization chaired by the Vice-Chancellor is already working
- A Fund Raising and Resource Mobilization Strategic Plan is being developed and will be implemented with gusto
- A multi-stakeholder funding base – involving local, national and international funders will be established for the University

Summary: Main features of my Administration as VC

- Results-oriented Administration
- Honest, transparent, accountable and open leadership
- Trust-worthy, affectionate, and just administration
- Affiliative, coaching and pace-setting Leadership
- Consensus Builder



Conclusions

- The establishment of the University of Medical Sciences, Ondo State is one of the most progressive steps ever taken by any Government to transform healthcare delivery in this country.
- When the history of medical education and health care provision is written in Nigeria, the name **Dr Olusegun Rahman Mimiko, CON**, the Chief Visionary of the UNIMED project will stand out strongly as the most steadfast transformational agent on health that this country ever had.

Conclusions

As Vice-Chancellor of UNIMED, I promise to work with great vigour, patriotism, honesty and transparency to uplift the University, and to ensure its rapid transformation into a foremost global University of excellence in the medical sciences. With the plethora of experience I have accumulated over the years in University governance, and with government and the Almighty God on our side, I am convinced that this ideal would be attained within the shortest period of time.

