

# CURRICULUM VITAE

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CITIZENSHIP: USA

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## **Pertinent Information**

- Pharmacology Best teacher awards
- Chair/Director of Pharmacology & Therapeutics course
- Chair/Director Clinical Skills
- Associate Dean for IPE, Clinical Skills and Simulation
- Fellow of the American College of Clinical Pharmacology (ACCP)
- Member Education (and CME) Committee of the ACCP
- Regular reviewer for the Journal of Clinical Pharmacology
- Member of the Editorial board and regular reviewer, Journal of Cardiovascular Pharmacology.
- Member of the Editorial board and regular reviewer, Clinical and Experimental Pharmacology and Physiology
- Member of the Editorial board and regular reviewer, Journal of Medical Education (Taiwan)
- Certification in GLP, GCP
- Experience in quantitative and qualitative methodologies (Course Director: Research Methodology course)
- Member of the IRB, Arrowheads Regional Medical Center, Colton, CA
- Member Directors of Clinical Skills (DOCS) AAMC

## **PROFESSIONAL APPOINTMENTS / EMPLOYMENT**

**Dec 2018 - Date**

**Adjunct Clinical Professor Family Medicine (Pharmacology, Clinical Skills, Doctoring course, and PBL), University of California, Riverside, School of Medicine, CA, USA.**

*Academic Duties:*

- Integration of pharmacology content into the clinical cases and PBL curricula.
- Prepare voice-over-power-point-slides presentation to teach in flipped classroom
- PBL: Facilitate small group case-based PBL, including Interprofessional Education (IPE) PBL.
- Teach Organ system-based physical diagnosis, using SPs and high fidelity mannikins
- Facilitate high-fidelity clinical simulation learning.

**Dec 2015- Mar 2019**

**Professor of Pharmacology, Anesthesiology, Clinical skills, and Medical Education. Director Clinical Skills & Simulation. Associate Dean of Interprofessional Education Clinical Skills & Simulation. Chair of the Faculty Council (2015- 2018); Professor of Pharmacology, Anesthesiology, Medical Education, and College Mentor (2018-2019) California University of Science and Medicine, School of Medicine (CalMed-SOM). San Bernardino, CA, USA.**

*Academic Duties:*

*As Director of the Pharmacology curriculum*

- Oversee the development and integration of the standard traditional Pharmacology curriculum into the innovative integrated clinical presentation (CP) curriculum.
- Determine, design, develop and sequence interactive pharmacology lecture topics.
- Prepare voice-over-power-point-slides presentation for flipped classroom.
- Integration of pharmacology content into the clinical cases and PBL curricula.

*As Director of Clinical Skills and Simulation*

- Oversee the development of the early clinical experience curriculum, including Service Learning and Interprofessional Education (IPE) curricula.
- Lead the development of the clinical skills monograph, the grading checklist for formative and summative (OSCE) assessments.
- Develop the clinical cases/scenarios for skills training.

***As Professor of Anesthesiology***

- Participate in teaching pharmacology to anesthesiology residents and in the Undergraduate medical program.
- Promote research collaboration across medical school and the teaching hospital (Arrowheads Regional Medical Center, Colton, CA)

***As Professor of Medical Education***

- Promote innovative medical education concepts/principles in the medical school curriculum
- Promote faculty development program
- Promote innovative curriculum development, delivery, assessment and evaluation
- Promote continuous quality improvement

***As College Mentor***

- Oversee the educational growth and development of medical students
- Supervise medical students' research

***Administrative duties:***

- As Associate Dean of Interprofessional Education (IPE), Skills and Simulation, I oversee the development of IPE in a model that promotes a continuum of pre-through post-licensure interprofessional team learning that uses traditional and simulation techniques, across health professional programs. Our goal is to produce collaborative care-ready medical (and health professional) graduates.
- As Chair of the Faculty Council I am a member of the Dean's Executive Committee (DEC) and Chair of the Faculty Assembly in which capacity I serve as the official liaison between Faculty and the DEC.
- Member of the Curriculum Committee; Student Admissions Committee; Diversity and Outreach committee.
- Participated in developing, writing, and editing the entire school's accreditation Data Collection Instrument (DCI) for three Accreditation bodies: Liaison Committee on Medical Education (LCME), Western Association of Schools and Colleges (WASC), and Bureau for Private Postsecondary Education (BPPE).

**Aug 2013- Dec 2015**

**Professor of Pharmacology and Clinical skills, and Course Director, Initial Clinical Exposure (ICE) program. Co-Director, Essentials of Clinical Skills (ECS) course, Central Michigan University, College of Medicine, Mt Pleasant, MI, USA.**

*Academic Duties:*

- Oversee the development and integration of the standard traditional Pharmacology & Therapeutics curriculum into the innovative organ systems based integrated curriculum.
- Integration of pharmacology content into the clinical cases and PBL curricula.
- Develop PBL cases in the various organ-system-based course

As Director of Clinical Skills

- Administration and teaching of doctoring course / clinical skills.
- Development, delivery, assessment (including OSCEs) and evaluation of the Initial Clinical Experience (ICE) and Essentials of Clinical Skills (ECS) programs.
- The ICE was a completely new course the development of which I led. It was designed to expose students to the biopsychosocial holism of medicine with a strong interprofessional education component that included a longitudinal patient follow-up into the community with emphasis on the long-term nature of the doctor-patient relationship.*

*Administrative Duties:*

- Member of the Curriculum committee; Student Performance and Conduct committee; and Faculty Appointment and Promotions committee.

**Aug 2011-Aug 2013**

**Professor of Pharmacology and Clinical skills, and Director Pharmacology Course, William Carey University College of Osteopathic Medicine (WCUCOM), Hattiesburg, MS, USA.**

*Academic Duties:*

- Administration and teaching of Clinical skills, and Clinical Pharmacology & Therapeutics (CPT) in an integrated medical curriculum.
- Supervision of the delivery, assessment and evaluation of the CPT curriculum.
- Mentoring of junior faculty teaching into the Pharmacology and Therapeutics curriculum.
- Delivery and assessment of clinical skills, including OSCEs.

*Administrative duties:*

-Director Clinical Pharmacology and Therapeutics course

-Member, Dean's Executive Committee.

-Member Quality control committee: oversees the implementation of COCA (Commission on Osteopathic College Accreditation) accreditation standards.

-Member of the Curriculum committee; Research committee.

*N.B.: In the two years we ran the pharmacology curriculum, pharmacology was among the highest (in average) scoring course in the step 1 professional exams for which we received the Dean's commendation. We also introduced the first interprofessional education (IPE) course through collaboration with the Nursing school (see publication list- No 57).*

### **Aug 2000-Aug 2011**

**Professor of Clinical skills, Pharmacology & Therapeutics**, Clinical Sciences Section (CSS), International Medical University, Kuala Lumpur, Malaysia (IMU): Chair and Head of the Clinical Skills Department, 2001- 2003. **Coordinator Clinical Pharmacology and Therapeutics (CPT) 2000- Aug 2011.** (Associate Professor: 2000 - 2007)

*Duties:* The IMU operates an innovative and unique medical curriculum, essentially a credit transfer program in partnership with more than 30 top partner medical schools (PMS) around the globe, including schools in the UK, New Zealand, Australia, Canada and the USA. Students from IMU transfer to any of these schools to complete their medical training in the clinical rotation years obtaining the degree/diploma of the respective PMS. As Professor of clinical skills and Pharmacology, therefore, I was in charge of ensuring that our students met the strict standards prescribed by the various Deans of the over 30 PMS who visited annually to ensure the IMU was keeping to their standards. It was an enormous challenge but one that brought out the best in the faculty. I personally grew professionally in medical education, obtaining a master's degree in Education Management in addition to the honor of regular tutelage under world renowned medical educationalists like Ron Harden (the man who invented OSCE), J. Norcini (world's foremost expert on assessment) and Geoff Norman (of McMaster University, the birth place of PBL). I am today an expert in medical education curriculum development, management and delivery, including traditional Teacher-centered didactics and the more innovative student-centered approaches such as the PBL. I run faculty development seminars/workshops around the globe on these.

The specifics of my duties included:

-As Head of Department: Administration of the Clinical Skills Unit: budget

planning, administration and teaching of clinical skills, basic pharmacology and CPT in an integrated PBL medical curriculum.

- Coordinator of the 2<sup>nd</sup> (semester 3) professional exam.
- Coordinator Gastrointestinal, and Renal course modules.
- Curriculum development, delivery and assessment and review.
- Directed assessment (formative, summative,) matters, including standard setting and psychometric analysis of course exams, including OSCEs.
- Mentoring of junior faculty.
- As Fellow of the Center for Medical Education, organized and delivered faculty development seminars and workshops. (See Administrative Experiences below)
- Coordinator Annual Faculty Development program.

***N.B: Our transferring students' clinical skills/competencies and knowledge (including pharmacology) have been highly rated by the PMS.***

### **1996-2000**

**Lecturer in Pharmacology** at the University of Malaya, Kuala Lumpur, Malaysia

***Duties:*** Teaching of all aspects of Pharmacology to medical, dental, pharmacy, biomedical sciences, degree & diploma Nursing students and postgraduate medical and dental residents.

- Member of the committee that introduced PBL to the school in 1997.
- PBL tutor and resource person. Ran faculty development activities for PBL program.
- Supervision of postgraduate and undergraduate student research.
- Coordinator of departmental journal club: organized seminars involving faculty, postgraduate students and international speakers.
- Acted occasionally as Head of department.

***N.B: We promoted collaborative research, in the process getting at least 2 faculty so interested in cardiovascular pharmacology that they are today CVS pharmacologists of international repute.***

## **1992 - 1996**

**Senior Lecturer and Head of Pharmacology & Anesthesiology** (and Consultant Anesthesiologist), Nnamdi Azikiwe University (and Teaching Hospital) Nigeria (July 1992 - Jan 1994) and later (January 1994 - December 1994) the University of Nigeria, Enugu, Nigeria.

### Duties:

- Teaching all aspects of Pharmacology (especially cardiovascular and CNS Pharmacology) and Anesthesiology to Medical, Dental and post-basic Nursing students.
- Director of postgraduate Biomedical Research Methodology course.
- Anesthetic care of all categories of patients and mentoring of staff of the department
- Visiting scholar (Senior Research Associate) in the departments of Physiology and Medicine, University of Hong Kong, 1994 – 1996.

## **1988 - 1991**

**Commonwealth Fellow, Department of Pharmacology**, University of Hong Kong, Hong Kong. Pursuing a PhD in Pharmacology (Cardiovascular).

## **1982 - 1992**

Medical Officer in the department of Anesthesiology, rising to the level of Chief Consultant in 1992.

Duties: Administration of anesthesia to all categories of patients in surgical specialties. Including, pediatric, obstetric & gynecological anesthesia. Teaching resident doctors and nurse-anesthetists. Administrative duties included being the head of the Anesthetic unit and adviser to the state Chief Medical Officer on anesthetic matters.

## **1979 - 1982**

Medical Officer in various clinical specialties including Surgery, Obstetrics & Gynecology, Pediatrics and Internal Medicine.

Duties: In-patient care and running of the general out-patient consulting clinics attached to the respective specialties and assisting / performing major and minor surgery in the surgical departments- including herniorrhaphy, appendicectomy, thyroidectomy, laparotomy, Caesarian sections, D&Cs etc

## **Honorary Appointments:**

**2018 - Date: Visiting Professor/External Examiner**, University Malaya, Kuala Lumpur Malaysia.

**2016 - Date: Adjunct Professor, Family Medicine**, University of California, Riverside.

**2010 - 2012: Adjunct Professor, Dept. of Pharmacology**, University Malaya, Kuala Lumpur Malaysia.

**2005 - 2011: Visiting Professor/External Examiner**, Kasturba Medical College, Manipal University, India.

**2004 - 2007: Adjunct Professional Associate (Pharmacology)**, School of Health Sciences, University of Canberra, Australia.

## **ADMINISTRATIVE EXPERIENCE:**

### ***Teaching & Research related:***

- \*Member Curriculum Committee, CalMed-SOM (2015-Date)
  - \*Member Admissions Committee, CalMed-SOM (2015-2018)
  - \*Member Diversity and Outreach Committee, CalMed-SOM (2015-Date)
  - \*Member Curriculum Committee, Central Michigan U. College of Med (2013- 2015)
  - \*Member Interprofessional Education (IPE) Committee Central Michigan U. (2013-2015)
  - \*Member Students Promotions and Disciplinary Committee, Central Michigan U., College of Medicine (2013- 2014)
  - \*Course Director Essentials of Clinical Skills (ECS) program, Central Michigan U., College of Medicine (2013- 2015)
  - \*Course Director, Initial Clinical Experience (ICE) program, Central Michigan U., College of Medicine (2013- 2015)
  - \*Coordinator of Pharmacology, Central Michigan U., College of Medicine (2013- 2015)
  - \*Course Director (Pharmacology& Therapeutics) WCUCOM (2011- 2013)
  - \*Member Research Committee, WCUCOM (2011- 2013)
  - \*Member Curriculum Committee, WCUCOM (2011- 2013)
  - \*Member Dean's Council; WCUCOM (2012-2013)
  - \*Coordinator University Malaya Medical Centre Diabetes Research Group (2010 - Date)
  - \*Member Academic Board, IMU (2010- 2011)
  - \*Leader Vascular Biology Research Group (2008- date)
  - \*Member Postgraduate Admissions Panel (2008- 2011)
  - \*Fellow Center for Medical Education (CtME) 2008-2011
  - \*Coordinator Gastrointestinal Course (2007- 2010), IMU
  - \*Member University Library Committee (2007- 2011)
  - \*Leader Med Educ Research Group (Curriculum) 2006- 2011.
  - \*Head (Chair) of Clinical Sciences Section, International Medical University, Malaysia July 2001 to March 2003.
  - \*Coordinator of Clinical Pharmacology and Therapeutics curriculum, IMU (July 2000 - July 2011)
  - \*Member medical curriculum and education committee 2001 - 2011.
  - \*Semesters 2 & 3 program coordinator, IMU (2000- 2002)
- Duties include overseeing the running of the program: curriculum development, delivery and assessment
- \*Member Curriculum delivery committee, IMU (2000- 2011)
  - \*Coordinator Renal Course, (2000- 2001), IMU

- \*Coordinator of Pharmacology course for Pharmacy program, University Malaya, Malaysia. (1998 -2000)
- \*Coordinator of Journal club, University Malaya, Malaysia (1997- 2000)
- \*Acting head of department of Pharmacology, University of Malaya (Jan. 1997, Jan 1998)
- \*Head of Pharmacology and Anesthesiology departments, and Consultant Anesthesiologist, Nnamdi Azikiwe University Teaching Hospital, Nigeria (1992 -1993)
- \*Head of the Anesthetic unit, Anambra state government Parklane General Hospital, Enugu, Nigeria (1984 - 1988) and later Awka, Nigeria (1990 - 1992). Duties included training of Surgery housemen (residents) in Anesthesiology, administration of anesthesia
- \*External examiner to the nurse anesthetist diploma program at the University of Nigeria in 1993.
- \*Assessment of graduate student research proposal
- \*Postgraduate student supervision /adviser
- \*Research grants applications

## **EDUCATION HONORS AND CERTIFICATIONS:**

### **Best all-round student**

High school graduating class of 1971  
Egbado College, Ilaro, Nigeria

### **Honors (Top ten) students**

MD graduating class of 1979  
Faculty of Health Sciences, University of Ife,  
Ile-Ife, Nigeria.

### **BSc. (Hons) Health Sciences, 1976**

Faculty of Health Sciences, University of Ife,  
Ile-Ife, Nigeria.

### **MD (MB; ChB) 1979**

Faculty of Health Sciences, University of Ife,  
Ile-Ife, Nigeria.

### **DA (Anesthesiology) 1983**

Faculty of Medicine, University of Benin,  
Benin City, Nigeria.

### **PhD (Cardiovascular Pharmacology) 1991**

Faculty of Medicine, University of Hong Kong,  
Hong Kong.

**Fellowship of the American College of Clinical Pharmacology 1992**

**Certification in Acupuncture 1996**

School of Professional & Continuing Education,  
University of Hong Kong, Hong Kong.

**Certification in Clinical Trials 2003 (CME)**

International Medical Univ., Kuala Lumpur

**Master of Education (Management, Medical Ed.) 2011**

University of Malaya, Malaysia.

**RESEARCH ACTIVITIES / EXPERTISE:**

***General:***

I have experience with whole animal (large, e.g. dog, and small, e.g. SHR, WKY and SD rats), isolated tissue studies, regional, in-situ perfusion, and isolated vascular / organ perfusion studies, including the Langendorff preparation. I also have experience in Clinical drug trials and Medical education research.

***Projects:***

Exploring the possibility of regional differences in aortic tissue reactivity: role of perivascular adiposity in normal and diabetic rats.

Pathophysiology of diabetic vasculopathy and development of novel treatment approaches.

Nitric oxide and pH modulation of cardiovascular smooth muscle excitation-contraction coupling mechanism: a focus for pharmacologic targeting.

Further understanding the cellular mechanism of the pH regulation of peripheral vascular tone.

Exploring the cardiovascular mechanism of the traditional Chinese antihypertensive, tetrandrine.

Phase 2 clinical trial of suramin in the management of onchocerciasis

The cardiovascular responses to calcium channel blockers in rats subjected to blood gas / pH changes.

A phase 2 clinical trial of Cogent db (an Ayurvedic drug) in the glycaemic control of type-2 diabetes mellitus.

## **Research Grants:**

\*Currently applying for an R15 grant.

\*University Malaya High Impact Research Grant: Total award RM137,000 (USD45,000)  
Role: Co-Principal Investigator. Project: Exploring the pathophysiologic role of perivascular adipose tissue in diabetes. (2011- 2013)

\*International Medical University (Internal grants): Total award: RM100,000. Role: Project leader.

Project: i. Effect of acidosis on the antioxidant profile of the bioflavonoid quercetin in diabetic rats. (2005- 2007). ii. Gender differences in the actions of Insulin in normal and diabetic rats (2007 - 2010).

\*Malaysian Government I.R.P.A. top-down research grant

Diabetic vasculopathy: Development of novel detection methods and treatment strategies. (2002 - 2007). Total award: RM3.365 million (~USD1 million). Role: Sub-project leader.

Sub-project: In vitro and in vivo studies: Pathophysiology of diabetic vasculopathy and development of novel treatment approaches: Sum awarded: RM 989,000.

2 PhD and 1 Master's degree student, and 2 undergraduate have been mentored under these grants. One PhD completed in August 2006 and did a post-doc training in NIH and another just completed- 2008 and is currently a faculty at the University Malaya.

\*Malaysian Government I.R.P.A. research grant

Nitric oxide and pH regulation of cardiovascular smooth muscle e-c coupling (1997 - 2000). Award: RM210,000. Role: Project leader.

\*University of Malaya Vote F

Cellular mechanism of pH regulation of vascular tone (1997)

Award: RM9,000. Role: Project leader.

\*World Health Organization

Phase 2 clinical trial of suramin in onchocerciasis

Dept. of Pharmacology and Therapeutics, University of Nigeria Teaching Hospital Enugu, Nigeria. Role: Research associate.

\*Silver medal award at the University of Malaya research output exhibition (2001)

\*Bronze medal award at the University of Malaya research output exhibition (2004)

### ***Recent Postgraduate Supervision (Degree, Candidate, Title, Status):***

\*Doctoral Degree (PhD), Macha Ajay, Pharmacology of flavonoids, Completed 2006.

\*Doctoral Degree (PhD), Dharmani Devi, Effects of Des-Asp Angiotensin I and Angiotensin 1-7 on renal vasculature of normal and diabetic rats, Completed, 2008.

\*Doctoral Degree, Umelo Aloysius Iguegbe, Gender differences in vascular contractility and the protective effects of flavonoids in diabetic animals, 2008, Completed 2012.

\*Doctoral Degree, Lau Yea Siang, Endothelial protective effects of aporphine alkaloids, 2008, Completed 2013.

\*Master's Degree, Gopal Subramaniam, Role of K<sup>+</sup> Channels in vascular effects of insulin, Completed, 2008

\*Master's Degree, Chin Leh Choong, Role of Reactive Oxygen Species in diabetic vasculopathy in microvessels, Completed 2010.

### **Ongoing Research**

\*PI and Co-supervisor of master's Degree project (candidate: Thubasni Kunasegaran): The bioflavonoid quercetin and its potential therapeutic benefits in synergy with the thiazolidinedione antidiabetic, pioglitazone. 2017.  
Status: Nearing completion. Two journal articles already published (See publication list).

\*Member Research Committee of the Directors of Clinical Skills (wing of AAMC).  
Research project: Current status of physical examination curriculum in US allopathic medical schools: resources and pedagogy.  
Status: First manuscript already submitted to Academic Med.; the second in preparation.

### **HONORS / SCHOLARSHIPS / FELLOWSHIPS:**

\*Gold-medal award: The role of perivascular adiposity in the contraction of aortic rings from normal, type 1 and type 2 diabetic rats. Diabetes Asia Conference and Workshop 2011. 5<sup>th</sup> – 9<sup>th</sup> October 2011. Sunway Resort Hotel & Spa Convention Centre, Petaling Jaya Malaysia.

\*Silver Medal award: Antioxidant activity of boldine prevents endothelial dysfunction in isolated aortae from hypertensive and diabetic rats. 24<sup>th</sup> Scientific Meeting of the

Malaysian Society of Pharmacology and Physiology (MSPP). 2<sup>nd</sup> - 3<sup>rd</sup> June 2010. Shah Alam Convention Centre, Shah Alam, Malaysia. Abstract no: P205.

\*International Medical University, Students Representative Council Award: Most Inspiring Lecturer- Year 2010

\*International Medical University, Students Representative Council Award: Strictest Lecturer- Year 2009

\*Bronze medal award at the University of Malaya research output exhibition (2004)

\*Silver medal award at the University of Malaya research output exhibition (2001)

\*Vice Chancellor commendation for my memo entitled 'Aspects of corporatisation, development and growth of the University of Malaya' (1997)

\*Recipient of several 'thank-you cards' from my students; particularly touched by one from BSc Nursing degree students in appreciation of my teaching (1996)

\*Fellowship of the Commonwealth of Nations for PhD study (1988 - 1991)

\*Dean's Honors' List, medical school graduating class (1979)

\*Federal government of Nigeria scholarship for medical degree studies (1973 - 1979).

\*East Central state of Nigeria government scholarship for medical degree studies (1973)

\*Best all-round student prize, high school graduating class (1971)

## **EDITORIAL:**

\*Member Editorial Board, Journal of Cardiovascular Pharmacology (USA-based)

\*Member Editorial Board, Journal of Medical Education (Taiwan-based)

\*Member Editorial Board, Clinical & Experimental Pharmacology & Physiology (CEPP) (Australia- based)

\*Member Editorial Board, Asian Medical Educator Journal (defunct)

\*Supplement editor for the Asia Pacific Journal of Pharmacology (Vol. 15. Supplement 2, 2001)

\*Regular reviewer for:

Journal of Cardiovascular Pharmacology

Clinical and Experimental Pharmacology and Physiology (CEPP)

Medical Science Educator Journal

Journal of Clinical Pharmacology

\*Regular features contributor to the newsletter of the Malaysian society of Pharmacology & Physiology (1996- 2002)

\*Foundation editor and regular features contributor to the *Shepherd-Flock dialogue*; a newsletter of the St. Anthony's Catholic Church, Hong Kong (1995 - 1996)

## **Recent Faculty Development Workshops / Seminars / Invited Guest Lectures:**

\*Plenary Speaker on, “*Clinical Skills Training: A Vehicle for Interprofessional Education.*” Presented at the 2018 International Asia-Pacific Conference on Problem-Based Learning in Health Sciences and Higher Education, Airlangga University, Surabaya, Indonesia, 3-5 August 2018.

\*Facilitator, Workshop on “*Developing an Interprofessional Education Curriculum.*” Presented at the 2018 International Asia-Pacific Conference on Problem-Based Learning in Health Sciences and Higher Education, Airlangga University, Surabaya, Indonesia 3-5 August 2018.

\*Facilitator, Workshop on “*Making sense of a test cut-off point: standard setting for assessment in medical education*” Presented at the 2017 International Association of Medical Sciences Educators (IAMSE) conference, University of Vermont, Burlington VT. June 11, 2017.

\*Facilitator, Lunch Table Workshop on “*Science behind the passing grade: Making sense of an OSCE cut-off point.*” Presented at the 2016 Association of American Medical Colleges (AAMC) conference, Seattle Convention Center, Seattle WA. 12 November 2016.

\*Plenary speaker on, “*Interprofessional Education (IPE): Challenges, and interphase with PBL.*” Presented at the 4<sup>th</sup> Asia-Pacific Joint Conference on Problem-Based Learning (APJC-PBL 2016), Daegu, S. Korea. 26 - 28 October 2016.

\*Facilitator/Presenter, Faculty development workshop on, “*Problem-based learning (PBL) what, how and why.*” AT Still University, Missouri School of Dentistry and Oral Health (MOSDOH). St Louis, MO, 6<sup>th</sup> August, 2016.

\*Organizer/Presenter, Symposium on “*The Best of the 2015 Clinical Skills Education Literature Seminal Articles in Clinical Skills Topics*” 2015 Directors of Clinical Skills conference (in association with the 2015 AAMC conference). Baltimore Convention Center, Baltimore MD. 10 November 2015.

\*Organizer/Presenter Workshop on, “*The challenges in adopting, managing and sustaining PBL.*” 3<sup>rd</sup> Asia-Pacific Joint Conference on Problem-Based Learning (APJC-PBL). Phuket Graceland Resort and Spa, Phuket, Thailand, 4-7<sup>th</sup> December 2014.

\*Moderator of Symposium on, “*Advancing PBL in the Asia-Pacific region- the journey so far.*” 3<sup>rd</sup> Asia-Pacific Joint Conference on Problem-Based Learning (APJC-PBL). Phuket Graceland Resort and Spa, Phuket, Thailand, 4-7<sup>th</sup> December 2014.

\*Presenter of Symposium on, “*PBL Clinic: Expert consultation.*” 3<sup>rd</sup> Asia-Pacific Joint

Conference on Problem-Based Learning (APJC-PBL). Phuket Graceland Resort and Spa, Phuket, Thailand, 4-7<sup>th</sup> December 2014.

\*Organizer/Presenter, Workshop on “*Use of the doctoring course to assist novice learners with integration in the preclinical years.*” 2014 Association of American Medical Colleges (AAMC) Medical Education Meeting. Swissotel Chicago, Chicago, IL, 6-7 November 2014.

\*Organizer/Presenter, Workshop on “*Standard setting for performance based assessment.*” 2014 Directors of Clinical Skills conference (in association with the 2014 AAMC conference). Northwestern University Feinberg School of Medicine, Chicago, IL. 7 November 2014.

\*Organizer/Presenter, Workshop on “*Making sense of test cut-off points: standard setting in medical education.*” 18th Annual Meeting of the International Association Medical Science Educators (IAMSE). Nashville TN. Workshop No 1FS1. 7 - 10 June 2014.

\*Organizer/Presenter, Workshop on “*The challenges in adopting and sustaining innovative (PBL) medical/health professional curriculum.*” 17th Annual Meeting of the International Association Medical Science Educators (IAMSE). University of St Andrews, St Andrews, Scotland, UK. Workshop No 3FS1. 8 - 11 June 2013.

\*Organizer/Presenter, Workshop on, “*Interprofessional education/ practice: Developing PBL-driven interprofessional learning.*” 2<sup>nd</sup> Asia-Pacific Joint Conference on PBL (APJC-PBL). Everbright International Hotel and Convention Center, Shanghai, China. 24 - 28 October 2012.

\*Organizer / Presenter, Seminar on “*Innovative health professional education: the challenges of integration.*” 75<sup>th</sup> Annual Meeting of the Mississippi Academy of Science. Hattiesburg Convention Center, Hattiesburg, MS, USA. 23 - 24 February 2012.

\*Organizer/ Presenter, 1<sup>st</sup> Refresher Course on Pharmacology and Physiology Teaching of the 25<sup>th</sup> Scientific Meeting of the Malaysian Society of Pharmacology and Physiology, Faculty of Medicine and Health Sciences, University Putra Malaysia. Lecture title: *Cellular Homeostasis and Transport Mechanisms.* 24 -26 May 2011.

\*Plenary speaker, 25<sup>th</sup> Scientific Meeting of the Malaysian Society of Pharmacology and Physiology, Faculty of Medicine and Health Sciences, University Putra Malaysia. Lecture title: *Obesity and the metabolic syndrome: Dissecting the vascular puzzle.* 24 - 26 May 2011.

\*Organizer/ Presenter, Workshop on “*Constructing PBL triggers for inter-professional learning.*” 1<sup>st</sup> Asia-Pacific Joint Conference of the Asia-Pacific Conference on PBL with

the Asia-Pacific Association of PBL in the Health Sciences (Post Conference Workshop), China Medical University, Taichung, Taiwan. 27 - 28 October 2010

\*Chairman / Organizer, Symposium on “*Are We Adequately Preparing Tomorrow’s Basic/Clinical Pharmacologist? The Challenges of the Innovative Curriculum.*” American College of Clinical Pharmacology 39<sup>th</sup> Annual Meeting, Baltimore Marriott Waterfront Hotel, Baltimore, Maryland, USA. 12-14 September 2010.

\*Co-Presenter (with Simon Maxwell), Workshop on “*Pharmacology education for clinical students.*” The 2010 IUPHAR Teaching Section, Pre-Conference Satellite Meeting of the 16<sup>th</sup> World Congress of Basic and Clinical Pharmacology, Faculty of Pharmaceutical Sciences, University of Copenhagen, Denmark, 17<sup>th</sup> -18<sup>th</sup> July 2010. ([www.iuphar-teach2010.org](http://www.iuphar-teach2010.org))

\*Member Organizing Committee (and coordinator of Workshops) for the 24<sup>th</sup> Annual Scientific Meeting of the Malaysian Society of Pharmacology and Physiology. Shar Alam Convention Centre, Kuala Lumpur, Malaysia, 1-3 June 2010.

\*Plenary speaker, 2010 International Symposium on Vascular Biology, China Medical University, Taichung, Taiwan. Lecture title: *Anatomical regional differences in the vascular effects of perivascular adipose tissues.* 27 -28 March 2010.

\*Seminar panelist, 41<sup>st</sup> Annual Congress of the Japan Society for Medical Education. Seminar title: *Education of oriental medicine for medical students in Asian countries.* (24<sup>th</sup> - 25<sup>th</sup> July 2009)

\*Presenter of Workshop, 6<sup>th</sup> biennial conference of the Asia-Pacific Association of PBL in the Health Sciences, Eastin Hotel, Kuala Lumpur, Malaysia. Workshop title: *Pass or fail, whose yardstick: Setting the standard in assessment.* (13<sup>th</sup> - 16<sup>th</sup> October 2008).

\*Member Organizing Committee (and coordinator of Workshops) for the 6<sup>th</sup> biennial conference of the Asia-Pacific Association of PBL in the Health Sciences, Eastin Hotel, Kuala Lumpur, Malaysia, 13-15 October 2008.

\*Plenary Speaker, 6<sup>th</sup> biennial conference of the Asia-Pacific Association of PBL in the Health Sciences, Eastin Hotel, Kuala Lumpur, Malaysia. Plenary topic: *Bringing integration alive in a PBL curriculum: the pivotal role of the clinical skills unit.* (13<sup>th</sup> - 16<sup>th</sup> October 2008).

\*Plenary Speaker, 3<sup>rd</sup> Scientific Meeting of The Asian Society for Vascular Biology, National University of Singapore. Plenary topic: *Acidosis: vascular mechanism and insulin action* (4<sup>th</sup> -5<sup>th</sup> August 2008)

\*Member Scientific Committee International Medical Education Conference (IMEC),

International Medical University, Kuala Lumpur, Malaysia, 19-21 April 2008.

\*Member Scientific Committee 22<sup>nd</sup> Annual Scientific Meeting of the Malaysian Society of Pharmacologists and Physiologists, University of Malaya, Kuala Lumpur, Malaysia, 5-7 April 2008.

\*Plenary Speaker, Vascular Biology Conference, Center for International Affairs, China Medical College, Taichung, Taiwan. Plenary topic: *Exploring the mechanism of angiotensin-II actions in vascular physiology and pathophysiology*. 15 March 2008.

\*Presenter of Workshop, South East Asia and Western Pacific Regional Meeting of Pharmacologists with Australian Society of Clinical and Experimental Pharmacologists and Toxicologists. Adelaide Hilton, Australia. Workshop title: *Constructing Quality PBL Triggers*. 2 - 6 December 2007.

\*Member Scientific Committee International Medical Education Conference (IMEC), Crown Plaza Hotel, Kuala Lumpur, Malaysia, 19-21 April 2007.

\*Plenary Speaker, 5<sup>th</sup> Asia-Pacific Conference on PBL in Health sciences, Surabaya, Indonesia. Plenary topic: *Managing a Clinical Skills Unit*. 14- 17 Nov 2006.

\*Member organizing committee 3<sup>rd</sup> IMU Medical Education Colloquium, Kuala Lumpur 17-18 Aug 2006.

\*Presenter of workshop, 3<sup>rd</sup> IMU Medical Education Colloquium, Kuala Lumpur. Workshop title: *Writing Quality PBL Triggers*. 17-18 Aug 2006.

\*Resource person and organizer, workshop on 'PBL- what, why and how.' The Masterskill College of Nursing & Health Sciences, Kuala Lumpur. August 2005.

\*Plenary speaker, 4<sup>th</sup> Asia-Pacific Conference on PBL, Manila, Philippines. Lecture title: *Clinical Skills Unit in a PBL Curriculum*. Sept 2004.

\*Presenter of workshop, International Medical University, Malaysia. Workshop title: *Constructing PBL Triggers- Principles and Practice*. March 2004.

\*Member organizing committee, 5<sup>th</sup> scientific congress of the Federation of Asia and Oceania Physiological Societies (FAOPS), Kuala Lumpur, 23 - 26 September 2002.

\*Organizer / chairman FAOPS 2002 symposium on Reperfusion Injury

\*Member organizing committee of FAOPS 2002 workshop on PBL in Physiology

\*Presenter of workshop facilitator, Federation of Asia & Oceania Physiological Societies, Pre-congress International Workshop, University of Malaya, Kuala Lumpur. Workshop title: *Teaching and Learning of Physiology and Life Sciences: Effective Facilitation and Assessment of PBL sessions*. 20 - 21 September 2002.

\*Presenter of workshop, Pantai Institute of Health Science and Nursing, Malaysia. Workshop title: *PBL: Another Learning Method*. May 2002.

\*Chairman organizing committee of the 16<sup>th</sup> annual scientific conference of the Malaysian Society of Pharmacology & Physiology, held at the IMU, Kuala Lumpur. June 25 - 26 2001.

\*Organizer and Speaker, Faculty training Workshop on, *Problem-based learning: Basics and Essentials*, IMU, 30 September 2000.

\*Plenary speaker, 15<sup>th</sup> Annual Scientific Meeting of the Malaysian Society of Pharmacology and Physiology, Kota Bharu. Lecture topic: *Nitric Oxide: from the bench to the bedside*. July 2000.

\*Guest speaker, Continuing Pharmacy Education Program, Malaysian Pharmaceutical Society. Lecture topic: *Pathophysiology of respiratory diseases*. February 1999.

## **CONFERENCES / WORKSHOPS / COURSES ATTENDED:**

**\*Please see list of Conference abstracts for more recent attendance.**

\*Workshop on Constructing MCQs for higher order cognitive skills, International Medical University, Kuala Lumpur, May 12<sup>th</sup> 2007.

\*International Medical Education Conference (IMEC), Health Professional Education Towards 2020, Crown Plaza Hotel, Kuala Lumpur, Malaysia, April 19– 21 2007.

\*International Medical Education Conference (IMEC), Pre-conference workshop on Qualitative Methods in Medical Education Research (IMU), Kuala Lumpur, Malaysia, April 18, 2007.

\*5<sup>th</sup> Asia-Pacific Association on Problem Based Learning in Health Sciences Conference, Surabaya, Indonesia. Nov 11 – 17 2006

\*15<sup>th</sup> World Congress of Pharmacology (IUPHAR), Beijing, China, July 2- 7<sup>th</sup> 2006.

\*Satellite meeting on Pharmacology Teaching, 15<sup>th</sup> World Congress of Pharmacology (IUPHAR), Beijing, China, 29<sup>th</sup> June - 1<sup>st</sup> July 2006.

\*20<sup>th</sup> annual scientific meeting of the Malaysian Society of Pharmacology and Physiology, Kuala Lumpur, Malaysia. April 2005.

- \*19th annual scientific meeting of the Malaysian Society of Pharmacology and Physiology, Kuala Lumpur, Malaysia. May 2004.
- \*Medical Education Colloquium (Educating Tomorrow's Health Professionals). International Medical University, Kuala Lumpur, Malaysia. March 15 –16, 2004.
- \*Certificate Course on GCP & GLP. International Medical University, July 25 – 27 2003.
- \*3<sup>rd</sup> Asia Pacific conference on PBL in health sciences: Workshops on (i). Effective clinical teaching at the bedside; (ii) Assessments in PBL and (iii) Theory and practice of PBL and small group tutorials. Chang Gung University, Taipei Oct 31 – Nov 3<sup>rd</sup> 2002  
(*Participant*)
- \*Federation of Asian & Oceanian Physiological Societies, pre-congress international workshop on Teaching and Learning of Physiology and Life Sciences: Effective Facilitation and Assessment of PBL sessions. University of Malaya, Kuala Lumpur, 20<sup>th</sup> - 21<sup>st</sup> September 2002 (*Organizer & Facilitator*)
- \*International workshop on designing problems (triggers) for a PBL curriculum, University of Malaya, Kuala Lumpur (UM), 29<sup>th</sup> - 31<sup>st</sup> October 2001 (*Participant*)
- \*International workshop on Assessment in a PBL curriculum, UM, 29<sup>th</sup> – 31<sup>st</sup> October 2001  
(*Participant*)
- \*16<sup>th</sup> Scientific Meeting of The Malaysian Society of Pharmacology and Physiology (MSPP). International Medical University, Malaysia (IMU), 25-26<sup>th</sup> June 2001.  
(*Oral presenter*)
- \*Seminar on Building a Teaching Portfolio (Portfolio of Evidence), IMU, 2<sup>nd</sup> - 3<sup>rd</sup> April 2001  
(*Participant*).
- \*Seminar on Assessment and Feedback (Assessing Portfolio of Evidence). IMU, 2<sup>nd</sup> - 3<sup>rd</sup> April 2001.  
(*Participant*).
- \*Workshop on Designing Objective Structured Clinical Examination (OSCE), IMU, 13<sup>th</sup> January 2001.  
(*Participant*)
- \*Workshop on The Role of Learning Outcomes, Curriculum Mapping and Study Guides, IMU, 12<sup>th</sup> January 2001.  
(*Participant*)
- \*1<sup>st</sup> ASEAN Conference on PBL in Health Sciences. National University of Singapore, 20<sup>th</sup> –22<sup>nd</sup> Nov 2000  
(*Oral presenter*)
- \*Problem-based learning training workshop, IMU, 30<sup>th</sup> September 2000. (*Organiser & Speaker on: Problem-based learning: Basics and Essentials*)
- \*15<sup>th</sup> Scientific Meeting of The MSPP, Science University of Malaysia, Kota Bahru Malaysia. May 2000  
(*Oral presenter*)
- \*6<sup>th</sup> National Conference on Medical Sciences, Kota Bahru, Malaysia. May 2000,  
(*Oral presenter*)
- \*Building a portfolio of evidence for a tertiary level teaching award, University Malaya Learning Improvement Centre (UMLIC), Kuala Lumpur, 13<sup>th</sup> –15<sup>th</sup> March 2000  
(*Participant*)
- \*International workshop on Problem based learning in a medical curriculum: a hands-on experience, UM, Kuala Lumpur, November 1999  
(*Facilitator*)
- \*Joint 14<sup>th</sup> Scientific Meeting of the MSPP -Cardiac Rehabilitation Conference and cardiovascular Counseling Workshop-Penang, May 1999 (*Chairperson Oral communication session, Oral presenter*)

- \*5<sup>th</sup> National Conference on Medical Sciences, Kota Bahru, Malaysia. May 1999,  
(*Oral presenter*)
- \*National workshop on Pharmacoeconomics, Kuala Lumpur, October 1998 (*Participant*)
- \*Presentation and facilitation, UMLIC, Kuala Lumpur, August 1999 (*Participant*)
- \*Making discussions work, UMLIC, Kuala Lumpur, August 1999 (*Participant*).
- \*Preparing graduate students for research in Science, UMLIC, Kuala Lumpur, July 1999  
(*Participant*).
- \*Managing thinking 2, UMLIC, Kuala Lumpur, April 1999 (*Participant*).
- \*Supervising research students in the social sciences, UMLIC, Kuala Lumpur, April 1999  
(*Participant*)
- \*Stress management for academics and managers, UMLIC, Kuala Lumpur, Nov. 1998  
(*Participant*)
- \*Managing thinking 1, UMLIC, Kuala Lumpur, Jun. 1998 (*Participant*)
- \*Accessing Multimedia CBT (Computer-based teaching), UMLIC, Kuala Lumpur, Jun. 1998  
(*Participant*)
- \*Evaluating teaching and courses, UMLIC, Kuala Lumpur, Aug. 1998(*Participant*)
- \*Internet and evaluation of internet resources, UMLIC, Dec. 1997(*Participant*)
- \*Utilising metacognitive strategies to enhance reading and learning,  
UMLIC, Nov. 1997 (*Participant*)
- \*Teaching and learning in higher education, UMLIC, Nov. 1997(*Participant*)
- \*Teaching development workshop, UMLIC, Oct. 1997 (*Participant*)
- \*Staff development workshop: Training and Facilitation, UMLIC, Aug. 1997,  
(incorporating the following seminar topics)-
  - Your role as a trainer and facilitator
  - Identifying learners needs
  - Designing your training program
  - Developing your training materials
  - Making training fun
  - Evaluating your training (*Participant*)
- \*Civilizational dialogue: present realities; future possibilities, Kuala Lumpur, Sept. 1997  
(*Participant*)
- \*International conference on Muhammad Iqbal and the Asian Renaissance.  
Kuala Lumpur, Jun. 1997 (*Participant*)
- \*Training course on research methods in Medicine and Health sciences,  
University of Malaya Medical Centre (UMMC), Feb. 1997 (*Participant*)
- \*Seminar on tissue transplantation, Faculties of Law & Medicine, UM, Nov. 1996  
(*Participant*)
- \*Intensive course on Neurotransmission, IBRO/MSN/UM, Oct. 1996 (*Participant*)
- \*Workshop on preparation of Self- Directed-Learning packages, National  
University of Malaysia, Oct. 1996 (*Participant*)

## **PUBLIC SERVICE / EXTRA-CURRICULAR ACTIVITIES:**

- \*Delegate to the Nigerian National Political Reform (and Constitution Review) Conference- (Health & Education sub-committee) (2005)
- \*Member African Peer Review Mechanism- National Working Group (Nigeria) 2006-date
- \*Public presenter for the Worldwide Marriage Encounter Movement, a Catholic-based family life enrichment program (1998- 2011)
- \*Secretary of the Nigerian Medical Association (Enugu zone) (1987 - 1988)
- \*Publicity secretary Abakaliki recreation club, Abakaliki, Nigeria (1983 - 1984)
- \*Regular lecturer at various levels of sports organization (including zonal coordinators of sports) in Anambra state of Nigeria (1983 - 1988)
- \*Lecturer in the series of train-the-trainer sports program in Anambra state of Nigeria (**including training in CPR**) (1983 - 1988)

### ***Others:***

- \*Member of the board of directors of the Anambra state of Nigeria Sports Council (1987 -1988)
- \*Sports medicine physician to the Nigerian national football team- the Green Eagles (1987-1988)

## **PROFESSIONAL ASSOCIATIONS:**

- \*Member of the International Association of Medical Sciences Educators (IAMSE) (2012-date)
- \*Life member Mississippi Academy of Science (MAS) (2012- date)
- \*Member Education Committee of the International Union of Basic and Clinical Pharmacologists (IUPHAR) (2010- date)
- \*Member International Advisory Board of the Asia -Pacific Association on PBL in the Health Sciences. (2011- date)  
*Office held:* Auditor (2002 -2008); Country (Malaysia) Representative (2008 - 2011)
- \*Member Education/CME Committee of the American College of Clinical Pharmacology (2011- date)
- \*Member of the Malaysian Society of Hypertension (2009- date)
- \*Member of the Asian Society of Vascular Biology (2008- date)
- \*Executive Member of the Asia -Pacific Association on PBL in the Health Sciences  
*Office held:* Auditor (2002 -2008); Country (Malaysia) Representative (2008 - 2011)
- \*Executive Member of the Southeast Asia & Western -Pacific Regional Federation of Pharmacologists (2008- 2011)  
*Office held:* Country (Malaysia) Representative (2007- 2011)
- \*Member of the Malaysian Society of Pharmacology and Physiology (1996 - 2011)  
*Office held:* Auditor (2001- 2003)
- \*Member of the Malaysian Association of Education in the Medical and Health Sciences (1996 -2011)

- \*Fellow of the American College of Clinical Pharmacology (1992 - date)
  - \*Member of the Hong Kong Association of Sports Medicine (1989 - 1996)
  - \*Member of the Hong Kong Pharmacology Society (1988 -1994)
  - \*Member of the Nigerian Sports Medicine Association (1983 - 1988)
  - \*Member of the West African Society of Anesthesiologists (1982 - date)
  - \*Member of the Nigerian Medical Association (1979 - date)
- Office held: Zonal Secretary (1987-1988)*

## **HOBBIES:**

Lawn Tennis, Badminton, Soccer, Poetry, Current affairs.

## **PUBLICATIONS**

### ***Full Length Papers:***

1. **ACHIKE, F.I.** & DAI, S. (1990). Cardiovascular responses to verapamil and nifedipine in hypoventilated and hyperventilated rats. *Br. J. Pharmacol.*, 100, 102-106.
2. **ACHIKE, F.I.** & DAI, S. (1990). Effects of blood gas/pH abnormalities on the cardiovascular actions of verapamil in rats. *J. Clin. Exp. Pharmacol. & Physiol.*, 17, 653-663.
3. **ACHIKE, F.I.** & DAI, S. (1991). Cardiovascular responses to nifedipine in anaesthetised rats with abnormal blood gas/pH. *J. Clin. Exp. Pharmacol. & Physiol.* 18, 223 - 230.
4. **ACHIKE, F.I.** & DAI, S. (1991). Acidosis-induced vasodilatation is POC-mediated while alkalosis-induced vasoconstriction is ROC-mediated. *Med. Sci. Res.*, 19, 109-110.
5. **ACHIKE, F.I.** & DAI, S. (1991). Influence of pH changes on the actions of verapamil on the cardiac excitation-contraction coupling. *Eur. J. Pharmacol.*, 196, 77 - 83.
6. **ACHIKE, F.I.** (1991). The cardiovascular responses to calcium channel blockers in rats subjected to blood gas/pH changes. Thesis for PhD (Pharmacology) University of Hong Kong, Hong Kong.
7. **ACHIKE, F.I.** & DAI, S. (1991). Effects of pH changes on noradrenaline- and potassium-stimulated tail artery responses to verapamil and nifedipine. *Med. Sci. Res.*, 19, 521 - 523.
8. **ACHIKE, F.I.**, DAI, S. & OGLE, C.W. (1992) Blood pH and the actions of nifedipine on cardiac excitation-contraction coupling. *Eur. J. Pharmacol.* 219, 369 - 376.
9. **ACHIKE, F.I.** & BALLARD, H.J. (1993) The influence of stimulation parameters on the release of

adenosine, lactate and CO<sub>2</sub> from contracting dog gracilis muscle. *J. of Physiol.* 463, 107 - 121.

10. **ACHIKE, F.I.**, BALLARD, H.J. & OGLE, C.W. (1996). The influence of extracellular pH, sodium propionate and trimethylamine on excitation-contraction coupling in the rat tail artery. *J. Clin. & Exp. Pharmacol. & Physiol.* 23, 145 - 149.

11. **ACHIKE, F.I.**, DAI, S. & OGLE, C.W. (1996). Influence of pH changes on the actions of verapamil on vascular excitation contraction coupling. *Eur J. Pharmacol.*, 1, 207 - 212.

12. **ACHIKE, F.I.**, MOHAMAD, R., DAI, S. & OGLE, C.W. (1997) Effects of acidosis or alkalosis on the actions of nifedipine on excitation-contraction coupling in the rat tail artery. *Clin. Exp. Pharmacol. Physiol.* 24, 692 - 696.

13. **ACHIKE, F.I.** & KWAN, C.Y. (1998) Acetylcholine-induced relaxation and contraction of rat tail artery: role of muscarinic receptor subtypes. *Biomed. Res.* 9, 93 - 101.

14. BALLARD, H.J. & **ACHIKE, F.I.** (1998) Mechanism of action of prostaglandin E<sub>2</sub> in the dog skeletal muscle circulation. *Chin. Med. J.* 111, 945 - 950.

15. **ACHIKE, F.I.** & KWAN, C.Y. (1998) Problem-based learning (PBL) in medical education: why, what and how. *J. U. Malaya Med. Ctr.* 2 (2) 89 - 93.

16. **ACHIKE, F.I.**, MOHAMAD, R., MUSTAFA, M.R. & RAMPAL, R.M. (1999) Acidosis-induced vasodilatation in the rat aorta does not discriminate between VOCC and ROCC. *Med. Sci. Res.* 27 (1) 33 - 34.

17. AZIZ Z., **ACHIKE F.I.** & HASHIM H. (1999) What consumers should know about herbal medicines. In, *Natural Products Research in Malaysia, 1999*. Universiti Sains Malaysia, Penang. p. 20 – 23.

18. **ACHIKE, F.I.** & OGLE, C.W. (2000) Information overload in the teaching of Pharmacology. *J. Clin. Pharmacol.* 40 (2) 177- 183.

19. MUSTAFA M.R. & **ACHIKE, F.I.** (2000) Dicentrine is preferentially antagonistic to rat aortic than splenic  $\alpha_1$ -adrenoceptor stimulation. *Acta Pharmacol. Sin.* 21 (12) 1165- 1168.

20. **ACHIKE, F.I.** & OGLE C.W. (2001) Problem-based learning and the teaching of pharmacology. *J. Med Educ. (Taiwan)* 5 (4), 382-388.

21. **ACHIKE, F.I.** & KWAN, C.Y. (2002) Characterisation of a novel tetrandrine-induced contraction in rat tail artery. *Acta Pharmacol. Sin.* 23 (8): 698 - 704.

22. CHANDRA SHEKAR K, **ACHIKE F.I.**, KAUR G. PAVAI S., KUMAR P. & ROHAINI H. (2002) A preliminary evaluation of the efficacy and safety of Cogent-db (an Ayurvedic drug) in the glyceic control of patients with type-2 diabetes. *J. Alt. Compl. Med.* Vol 8 (4): 445 – 457.

23. **ACHIKE, F.I.** & KWAN, C.Y. (2002) Tetrandrine and related bis-benzylisoquinoline alkaloids from medicinal herbs: cardiovascular effects and mechanisms of action. *Acta Pharmacol. Sin.* 23 (12): 1057 - 1068.

24. **ACHIKE, F.I.** & KWAN, C.Y. (2003) Nitric oxide, human diseases and the herbal products that affect the nitric oxide signaling pathway. (**Invited Review Article**) *J Clin Exp. Pharmacol. Physiol.* 30 (9) 605- 615.
25. **ACHIKE F.I.** (2003) Sustaining the effectiveness of PBL in a medical curriculum. *J Med Educ*, 7 (3): 298 - 302.
26. TENG C.L., **ACHIKE F.I.**, PHUA K.L., NORHAYATI YAACOB, NURJAHAN M.I., NOR ASIAH HASHIM, KOH, C.N. (2004) General and URTI-specific antibiotic prescription rates in a Malaysian primary care setting. *Int J Antimicrobial Agents*, 24, 496 - 501.
27. DHARMANI M, MUSTAFA, M.R., **ACHIKE, F.I.**, SIM, M.K. (2005) Effect of des-aspartate-angiotensin I on the actions of angiotensin II in the isolated renal and mesenteric vasculature of hypertensive and STZ-induced diabetic rats. *Regul. Pept.* 129, 213- 219.
28. **ACHIKE F.I.** & NAIN NORAINI. (2005) Promoting problem-based learning (PBL) in nursing education: a Malaysian experience. *J. Nurse Educ in Practice*, 5 (5), 302 - 311.
29. SIM S.M., **ACHIKE F.I.** & GEH S.L. (2005) Many roads lead to Rome- Is that true of the teaching and learning of Pharmacology? Lessons from three medical schools in Malaysia. *Med. J. Mal.* 60, (Suppl D) 41- 47.
30. ZAILINAWATI A.H., TENG C.L., KAMIL M.A, **ACHIKE F.I.** (2006) Pain morbidity in primary care- a preliminary observations from two different primary care settings. *Med J Mal.* 61 (2), 162-167.
31. AJAY MACHA, **ACHIKE F.I.**, MOHD MA, MUSTAFA M.R. (2006) Effect of quercetin on altered vascular reactivity in aortas isolated from streptozotocin-induced diabetic rats. *Diabetes Res Clin Pract* 73, 1-7.
32. AJAY MACHA, **ACHIKE F.I.**, MOHD M.A., MUSTAFA M.R. (2006) Direct effects of quercetin on impaired reactivity of spontaneously hypertensive rat aortae: comparative study with ascorbic acid. *Clin Exp Pharmacol Physiol.* 33, 345 - 350.
33. TENG C.L., **ACHIKE F.I.**, PHUA K.L. NURJAHAN MI, MASTURA I, NOR AISHA H, MARIAM AM, NARAYANAN S, NORSIAH A, SABARIAH I, SHARIAH I, SITI ROKIAH K, SITI ZUBAIDAH MA, KOH CN, ROSNAH I. (2006). Modifying antibiotic prescribing: the effectiveness of academic detailing plus information leaflet in a Malaysian primary care setting. *Med J Malaysia* 61 (3), 323 - 332.
34. **ACHIKE F.I.** (2006). The clinical skills unit in an integrated medical curriculum: an IMU perspective. *J. Med Educ (Taiwan)* 10 (4), 1-6.
35. CHIN L.C., **ACHIKE F.I.**, MUSTAFA M.R. (2007). Hydrogen peroxide modulates angiotensin II-induced contraction of mesenteric arteries from streptozotocin-induced diabetic rats. *Vasc. Pharmacol.* 46, 223 - 228.
36. AJAY MACHA, **ACHIKE F.I.**, MUSTAFA M.R. (2007). Modulation of vascular reactivity in normal, hypertensive and diabetic rat aortae by a non-antioxidant flavonoid. *Pharmacol. Res.* 55, 385-391.

37. DHARMANI M, MUSTAFA, M.R., **ACHIKE, F.I.**, SIM, M.K. (2007) Effect of Angiotensin 1-7 on the actions of angiotensin II in the renal and mesenteric vasculature of hypertensive and streptozotocin-induced diabetic rats. *Eur J Pharmacol.* 561, 144-150.
38. AJAY MACHA, **ACHIKE F.I.**, MUSTAFA A.M., MUSTAFA M.R. (2007). Baicalein impairs vascular tone in normal rat aortas: role of superoxide anions *Eur J Pharmacol.* 565, 144 - 150.
39. AJAY MACHA, **ACHIKE F.I.**, MOHD M.A., MUSTAFA M.R. (2007). Quercetin, a flavonoid antioxidant, modulates endothelium-derived nitric oxide bioavailability in diabetic rat aortas. *Nitric Oxide*, 16, 442 - 447.
40. **ACHIKE F.I.** (2007). Review of the critical role of a clinical skills unit in a PBL curriculum. *J Med Educ. (Taiwan)* 11 (1), 1-12.
41. PHUA KAI LIT, **ACHIKE F.I.** (2007). Vioxx and other pharmaceutical product withdrawals: ethical issues in ensuring the integrity of drug and medical device research, development and commercialization. *Clinical Ethics.* 2: 155- 162.
42. PONNUDURAI G., CHEN Y.S., NAGARAJAH L., HLA YEE YEE, **ACHIKE F.I.**, (2007). Biology at pre-university level: does this provide an advantage to medical students? *J. Med Educ (Taiwan)* 11 (2), 150- 156.
43. **ACHIKE F.I.** (2008). The L-arginine- nitric oxide pathway: a potential therapeutic target in dengue haemorrhagic fever. (**Editorial**) *Clin Exp Pharmacol Physiol.* 35, 1135 - 1136.
44. DHARMANI M, MUSTAFA, M.R., **ACHIKE, F.I.**, SIM, M.K. (2008). Involvement of AT<sub>1</sub> angiotensin receptors in the vasomodulatory effect of des-aspartate-angiotensin I in the rat renal vasculature. *Peptides*; 29 (10): 1773 - 1780.
45. GOPAL K, **ACHIKE F.I.**, MUSTAFA M.R. (2009). Characterizing the mechanism of insulin vasodilatation of normal and streptozotocin-induced diabetic rat aorta. *J. Cardiovasc Pharmacol.* 53 (4): 333-340.
46. GOPAL K, **ACHIKE F.I.**, MUSTAFA M.R. (2009). Effect of acidosis on the mechanism (s) of insulin-induced vasorelaxation in normal Wistar-Kyoto (WKY) rat aorta. *Reg. Peptides* 155: 70-75.
47. CHEN Y.S., **ACHIKE F.I.**, PONNUDURAI G. YEE YEE H, GARDEN A. (2009) Medical students' perception of a hybrid Problem-based curriculum. *J Med Educ (Taiwan)* 13 (3): 154-168.
48. **ACHIKE F.I.** (2010) Teaching Pharmacology in an innovative medical curriculum: challenges of integration, technology and future training. (**Editorial**) *J Clin. Pharmacol.* 50 (6): 6-16.
49. WONG NL. & **ACHIKE F.I.** (2010) Gender discrimination in the influence of hyperglycemia and hyperosmolarity on rat aortic tissue responses to insulin. *Reg. Peptides*, 163: 113-119.
50. YEO J.L., TAN T.C.B., **ACHIKE F.I.** (2010) Exploring the mechanism of endothelial involvement in acidosis-induced vasodilatation of aortic tissues from normal and diabetic rats. *Eur J. Pharmacol.* 642: 99- 106.
51. **ACHIKE F.I.**, WU C.H., TU P., WANG H. KWAN C.Y. (2011) Obesity, metabolic syndrome, adipocytes and vascular function: a holistic view. *Clin Exp Pharmacol and Physiol.* 38; 1-10.

52. **ACHIKE F.I.** (2011) The temporal and challenging faces of integration in medical education: The fate of pharmacology. (Editorial) *Ind. J. Pharmacol.* 43 (3): 227-231.
53. ALOYSIUS U.I., **ACHIKE F.I.**, MUSTAFA M.R. (2012) Mechanisms underlining gender differences in Phenylephrine contraction of normoglycaemic and short-term streptozotocin-induced diabetic WKY rat aorta. *Vasc. Pharmacol.* 57: 81-90.
54. LAU Y.S., MACHHA A., **ACHIKE F.I.**, DHARMANI M., MUSTAFA M.R. (2012) The aporphine alkaloid boldine improves endothelial function in spontaneously hypertensive rats. *Expt. Biol and Med.* 237:93-98.
55. GNANATHASAN C.A., ABDULLAH J., **ACHIKE F.I.** (2012) Promoting students' acceptability: a survey of examinee (students) and examiners (faculty) perception of OSCE in a Malaysian medical school. *J Med Educ. (Taiwan)*, 16 (1): 9-21.
56. LAU Y.S., TIAN X.Y., HUANG Y., DHARMANI M., **ACHIKE F.I.**, MUSTAFA M.R. (2013) Boldine protects endothelial function in hyperglycemia-induced oxidative stress through an antioxidant mechanism. *Biochem. Pharmacol.* 85: 367-375.
57. **ACHIKE F.I.**, SMITH J., LEONARD S., WILLIAMS J., BROWNING F., GLISSON J. (2014) Advancing safe drug use through interprofessional learning (IPL): a pilot study. *J. Clin Pharmacol.* 54(7): 832-839.
58. LOH W.M., LING W.C., MURUGAN D.D., LAU Y.S., **ACHIKE F.I.**, VANHOUTTE P.M., MUSTAFA M.R. (2015) Des-aspartate angiotensin I (DAA-I) reduces endothelial dysfunction in the aorta of the spontaneously hypertensive rat through inhibition of angiotensin II-induced oxidative stress. *Vascul. Pharmacol.* 71: 151-158. doi: 10.1016/j.vph.2015.03.011.
59. LAI P.S.M., SIM S.M., CHUA S.S., TAN C.H., NG C.J., **ACHIKE F.I.**, TENG C.L. (2015) Development and validation of an instrument to assess the prescribing readiness of medical students in Malaysia. *BMC Med Educ.* 15(1):153-. doi: 10.1186/s12909-015-0433-z
60. **ACHIKE F.I.** (2016) The challenges of integration in an innovative modern medical curriculum. *Med Sci. Educ.* 26 (1): 153-158. DOI 10.1007/s40670-015-0206-7
61. **ACHIKE F.I.**, LEE M.C., LIN H.W., CHOU F.C., HSIN D.H., & KWAN C.Y. (2015) Promoting interprofessional education (IPE) with PBL through the biennial Asia-Pacific Joint Conference on PBL (APJC-PBL). *J. Med Educ (Taiwan)* 19 (4): 153-162. Doi: 10.6145/jmed201514
62. KUNASEGARAN T., MUSTAFA M.R., MURUGAN D.D., **ACHIKE F.I.** (2016) The bioflavonoid quercetin synergises with PPAR- $\gamma$  agonist pioglitazone in reducing angiotensin-II contractile effect in fructose-streptozotocin induced diabetic rats. *Biochimie* 125: 131-139. <http://dx.doi.org/10.1016/j.biochi.2016.03.008>.
63. JOYCE B., AFONSO N, **ACHIKE FI.** (2016) Using the doctoring course to promote integration: the experience of two new medical schools. *Med Sci. Educ.* DOI: 10.1007/s40670-016-0297-9.
64. **ACHIKE F.I.** (2016) Interprofessional education: Challenges and interphase with problem-based learning. *J. Med Educ.* 20 (3): 258-268. DOI: 10.6145/jme201626.

65. KUNASEGARAN T., MUSTAFA M.R., **ACHIKE F.I.**, MURUGAN D.D. (2017) Quercetin and pioglitazone synergistically reverse endothelial dysfunction in isolated aorta from fructose-streptozotocin (F-STZ)-induced diabetic rats. *Eur. J Pharmacol.* 799:160-170. DOI: 10.1016/j.ejphar.2017.02.022.
66. AL-EYD G, **ACHIKE F.I.**, AGARWAL M, ATAMNA H, ATAPATTU D, CASTRO L, ESTRADA J, ETTARH R, HASSAN S, LAKHAN SL, NAUISHEEN F, SEKI T, STEGEMAN M, SUSKIND R, VELJI A, YAKUB M, TENORE A. (2018) Curriculum mapping as a tool to facilitate curriculum development: A new school of medicine experience. *BMC Medical Education.* 18, 185-
67. UCHIDA T., **ACHIKE F.I.**, BLOOD A.D., BOYLE M., FARNAN J.M., GOWDA D., HOJSAK J., OVITSH R.K., PARK Y.S., SILVESTRI R. (2018) Resources used to teach the physical exam to pre-clerkship medical students: Results of a national survey. *Acad. Med.* 93 (5): 736-741.
68. LAU V, LAKHAN S.E., **ACHIKE F.** (2018) New Media, Technology and Neurology Education. *Seminars in Neurology.* 38 (4) 457- 464.
69. UCHIDA T., PARK Y.S., OVITSH R.K., HOJSAK J., GOWDA D., FARNAN J.M., BOYLE M., BLOOD A.D., **ACHIKE F.I.**, SILVESTRI R. (2019) Approaches to Teaching the Physical Exam to Pre-Clerkship Medical Students: Results of a National Survey. *Acad. Med.* 94 (1): 129-134.
70. **ACHIKE FI.**, LAKHAN S. & YAKUB M (2019) Competency-based medical education: philosophy, what, how, and why? *J Med Educ.* (In Press)
71. **ACHIKE FI.**, LAKHAN S. (2019) Clinical Skills training: A vehicle for Interprofessional education. *J Med Educ* (In prep)

### ***Conference Abstracts:***

1. **ACHIKE, F.I.** & DAI, S. (1988). Blood gas changes and altered cardiovascular responses to calcium channel blockers in rat. Proceedings of the 5th Southeast Asian and Western Pacific Regional Meeting of Pharmacologists, Beijing, China. July 4th-8th 1988. p.262b.
2. **ACHIKE, F.I.** & DAI, S. (1988). Cardiovascular responses to nifedipine in hypoventilated and hyperventilated rats. Presented to the Jiangsu and Hong Kong Pharmacological societies joint scientific meeting, Nanjing, China. Dec. 13th-17th, 1988.
3. **ACHIKE, F.I.** & DAI, S. (1989). An abnormal pH affects the cardiovascular responses to verapamil. Proceedings of the 4th International Symposium on Calcium antagonists: Pharmacology and Clinical research, Florence, Italy. May 25th-27th, 1989. p.233. (Fondazione Giovanni Lorenzini).
4. **ACHIKE, F.I.** & DAI, S. (1989). Cardiovascular responses to nifedipine is altered with blood pH changes. Proceedings of the 2nd Scientific Meeting of the Hong Kong Pharmacology Society in association with the Jiangsu Pharmacological Society, Hong Kong. Dec. 18th- 19th, 1989. p.7.
5. **ACHIKE, F.I.** & DAI, S. (1990). Responses of the isolated rat heart to calcium channel blockers are altered by pH changes. Proceedings of the 74th Annual Meeting of the Federation of American Societies for Experimental Biology, Washington DC, U.S.A. April 1st - 5th 1990. *Faseb J.* 4, Feb. 1990 p. A869.

6. **ACHIKE, F.I.** & DAI, S. (1991). pH changes and vascular ROC and POC responses to verapamil. Proceedings of the 6th Southeast Asian & Western Pacific Regional Meeting of Pharmacologists, Hong Kong. 30th June - 4th July. p.119.
7. **BALLARD, H.J.** & **ACHIKE, F.I.** (1991). Interaction between sympathetic vasoconstrictor tone and prostaglandin E<sub>2</sub> in the dog skeletal muscle circulation. Proceedings of the Sixth Southeast Asian & Western Pacific Regional Meeting of Pharmacologists, Hong Kong. 30th June - 4th July. p.146.
8. **ACHIKE, F.I.** & **BALLARD, H.J.** (1992). The relationship between adenosine, lactate and carbon dioxide from contracting skeletal muscle in anaesthetised dogs. J. of Physiol. 446, 211P.
9. **BALLARD, H.J.** & **ACHIKE, F.I.** (1992). Prostaglandin E<sub>2</sub> produces presynaptic inhibition of carotid-baroreflex-induced vasoconstriction in skeletal muscle of anaesthetised dogs. J. of Physiol. 452, 12P.
10. **ACHIKE, F.I.**, **BALLARD, H.J.** & **OGLE, C.W.** (1995) Acidosis- induced vasodilatation is pHe and POC- modulated. CAPS News Comm.,14 (2), p 51.
11. **ACHIKE, F.I.**, **KWAN C.Y.** & **BALLARD, H.J.** (1995) M<sub>1</sub> muscarinic receptor subtype mediates acetylcholine- induced relaxation in rat tail artery. Proceedings of the 7th Southeast Asian & Western Pacific Regional Meeting of Pharmacologists, Manila, Philippines. November 21st - 25th, p 50.
12. **ACHIKE, F.I.** **BALLARD H.J.** & **KWAN C.Y.** (1996). Endothelial M<sub>1</sub> and M<sub>3</sub> muscarinic receptors mediate acetylcholine-induced relaxation in rat tail arteries. Proceedings of the 80th Annual Meeting of the Federation of American Societies for Experimental Biology, Washington DC, U.S.A. April 14th - 17<sup>th</sup>, 1996, FASEB J. 10 (3) A701.
13. **ACHIKE, F.I.** & **KWAN C.Y.** (1996). The antihypertensive drug tetrandrine causes an  $\alpha_1$ -adrenoceptor- mediated vascular contraction in rat tail artery. Proceedings of the 16<sup>th</sup> Asian Congress of Pharmaceutical Sciences, Kuala Lumpur, Malaysia November 17<sup>th</sup> - 21<sup>st</sup> 1996.
14. **ACHIKE, F.I.** & **KWAN, C.Y.** (1997) Tetrandrine induces  $\alpha_1$  adrenoceptor mediated contraction whereas phentolamine induces non- $\alpha$ -adrenoceptor mediated relaxation of rat tail artery. Proceedings of the 81st Annual Meeting of the Federation of American Societies for Experimental Biology, New Orleans, U.S.A. April 6<sup>th</sup> - 9<sup>th</sup>, 1997. FASEB J. 11 (3), A215.
15. **MUSTAFA, M.R.**, **MOHAMAD R.** & **ACHIKE, F.I.** (1997) Effects of dicentrine on the subtypes of  $\alpha_1$ -adrenoceptor of the rat aorta and spleen. Proceedings of the 81st Annual Meeting of the Federation of American Societies for Experimental Biology, New Orleans, U.S.A. April 6<sup>th</sup> - 9<sup>th</sup>, 1997. FASEB J. 11 (3), A264.
16. **ACHIKE, F.I.**, **KWAN, C.Y.** & **BALLARD, H.J.** (1997) Differentiating between intimal and adventitial KCl-stimulated contractions of rat tail artery. (Submitted to the 1997 annual Scientific conference of the Malaysian Pharmacology and Physiology society, Kuala Lumpur, June 1997).
17. **ACHIKE, F.I.**, **KWAN, C.Y.** & **BALLARD, H.J.** (1998) Further characterisation of the KCl-induced contraction of rat tail artery. (Submitted to the 13th annual Scientific conference of the Malaysian Pharmacology and Physiology society, Kuala Lumpur, April 1998, Abstract book p. P-7 ).

18. **ACHIKE, F.I.** (1998) Problem-based learning: a paradigm whose time has come. (Submitted to the 13th annual Scientific conference of the Malaysian Pharmacology and Physiology society, Kuala Lumpur, April 1998, Abstract book p. O-5).
19. SALEHUDDIN M.M., **ACHIKE, F.I.**, MUSTAFA M.R. & OTHMAN I. (1999) Hypertension-induced endothelium-dependent changes in vascular contractility. (Presented to the 5<sup>th</sup> National Conference on Medical Sciences, Kota Bharu, Malaysia. May 1999, Abstract book p. 36).
20. **ACHIKE, F.I.**, MOHAMAD, R. & RAMPAL, R.M. (1999) Nitric oxide and pH modulation of cardiovascular smooth muscle excitation-contraction coupling mechanism: a focus for pharmacologic targeting. Health Sector review Conference, University Malaya Medical Centre September 1-2, Abstract book p.60.
21. LANG C.C., **ACHIKE, F.I.**, & CHOY A. (1999) The cardiovascular research program at the University of Malaya Medical Centre. National Health Review Conference, Putrajaya, Kuala Lumpur, Oct. 1999.
22. **ACHIKE, F.I.** & MOHAMAD, R. (2000) The endothelium dependence of VOCC or ROCC modulation of acidotic vasodilatation in rat aorta. (Submitted to the 14th annual Scientific conference of the Malaysian Society of Pharmacology and Physiology, Penang, Malaysia. May 1999. Asia Pacific J. Pharmacol. 2000; 14, S42.
23. SALEHUDDIN M.M., MUSTAFA M.R., **ACHIKE, F.I.** & OTHMAN I. (2000) Endothelium-dependent vasoconstriction and vasodilatation in hypertensive rats. (Submitted to the 14th annual Scientific conference of the Malaysian Society of Pharmacology and Physiology, Penang, Malaysia. May 1999. Asia Pacific J. Pharmacol., 2000; 14, S43.
24. **ACHIKE, F.I.**, MOHAMAD, R., MUSTAFA M.R. & RAMPAL R.M. (2000) Acidotic inhibition of aortic contraction: the role of VOCC and ROCC. (Submitted to the 14th annual Scientific conference of the Malaysian Society of Pharmacology and Physiology, Penang, Malaysia. May 1999. Asia Pacific J. Pharmacol., 2000; 14, S44.
25. **ACHIKE FI** & Kwan CY (2000) Relaxant and nouvelle contractile properties of a Chinese antihypertensive drug (tetrandrine) in rat tail artery. (Presented to the 6<sup>th</sup> National Conference on Medical Sciences, Kota Bharu, Malaysia. May 2000, Abstract book p. 3).
26. **ACHIKE FI** & OGLE CW (2000) Excess luggage in the teaching of Pharmacology. (Presented to the 6<sup>th</sup> National Conference on Medical Sciences, Kota Bharu, Malaysia. May 2000, Abstract book p. 4).
27. **ACHIKE FI** (2000) Nitric oxide: from the laboratory to the clinic. (Plenary lecture to the 15th annual Scientific conference of the Malaysian Society of Pharmacology and Physiology, Kota Bharu, Malaysia. May 2000, Abstract book).
28. **ACHIKE FI** (2000) Problem-based learning: an old and new paradigm in medical education. (Presented to the 1<sup>st</sup> ASEAN Conference on Problem-Based Learning in Health Sciences. PBL: Issues & Challenges, Singapore. November 2000, Abstract book p. 18).
29. **ACHIKE FI** (2001). The utility of a simple post (OSCE) assessment feedback questionnaire in a clinical skills unit. Inaugural Symposium of the Asian Medical Education Association. Hong Kong, China. 21-22 June 2001, Abstract book p31.

30. **ACHIKE FI** (2001). Training the Pharmacology teacher: issues to ponder. Inaugural Symposium of the Asian Medical Education Association. Hong Kong, China. 21-22 June 2001, Abstract book p43.
31. **ACHIKE FI** (2001). Refocusing the training of the Pharmacology teacher: issues to ponder. Asia Pacific J Pharmacol. 15, Suppl. S47.
32. SHEKHAR KC, GURPREET K, **ACHIKE FI** (2001). A pilot clinical trial on the efficacy and safety of Cogent-db (an ayurvedic drug) in the glycaemic control of NIDDM patients. Asia Pacific J Pharmacol. 15, Suppl. S53.
33. **ACHIKE FI** (2001). The clinical skills unit in an integrated curriculum: an IMU perspective. 2<sup>nd</sup> Asia-Pacific Conference on PBL In Health Sciences. University Malaya, Malaysia. 30-31 October 2001. Abstract book p 49.
34. **ACHIKE FI**, MUSTAFA MR & RAMPAL RM (2002) Acidosis triggers a differential modulation of PGF<sub>2α</sub>-induced contraction in rat thoracic aorta. 5<sup>th</sup> Scientific Congress, Federation of Asian & Oceanian Physiological Societies (FAOPS), Kuala Lumpur Malaysia. 23 –26<sup>th</sup> September 2002. Abstract book
35. TENG CL, NORASIAH HASHIM, NURJAHAN IBRAHIM, JUNAIDAH ABDULRAHMAN, MARIAM ABDUL MANAP, NORSIAH ALI, SABARIAH IDRIS, SITI ROKIAH KAMARUDDIN, NARAYANAN S. **ACHIKE FI**, PHUA KL & OMAR MIHAT. Information needs of primary care practitioners in Negeri Sembilan. 6<sup>th</sup> Family Medicine Specialist Conference, 26-29<sup>th</sup> August 2002, Seremban, Malaysia
36. TENG CL, NORHAYATI YAACOB, NOORASHIKIN KASIM, NORASIAH HASHIM, NURJAHAN MOHD IBRAHIM, **ACHIKE FI**, PHUA KL, TAN TW & CHANG VP. Antibiotic prescription in the health clinic in Seremban. 4<sup>th</sup> MOH-AMM Scientific Meeting, 10 – 12<sup>th</sup> October 2002 (Med J Mal. 2002, 57 (Suppl D); 99)
37. **ACHIKE, F.I**, NORAINI NAIN & MOHD. YUSOP AHMAD (2002). Promoting PBL in nursing education: A Pantai institute of health sciences and nursing education experience. International Nursing Conference on Advances In Nursing Practice, Kuala Lumpur. 4-6 Oct 2002, p 37
38. **ACHIKE, F.I**. (2002). Sustaining the effectiveness of PBL in a medical curriculum. 3<sup>rd</sup> Asia-Pacific Conference on PBL in Health Sciences. Taipei, Taiwan. Oct 31 – Nov 3, 2002, p 20.
39. TENG CL, PHUA KL, **ACHIKE FI**, LEE HKJ, TAN TW & TIONG E. (2003) Measuring antibiotic prescription rate: inaccuracy of prospective case recording. 3<sup>rd</sup> ASEAN Conference In Primary Health Care. Acute Problems in Primary Care. Ipoh, Malaysia. 14 – 16 March 2003, p 18.
40. NAZRATUN, N., MUSTAFA, M.R. & **ACHIKE, F.I**. (2003). Vascular modulatory effects of angiotensin-II and angiotensin-(1-7) in normal and hypertensive states. 18th annual scientific conference of the Malaysian Society of Pharmacology and Physiology, Kuala Lumpur, Malaysia. April 2003, Abstract book.
41. DHARMANI, M., MUSTAFA, M.R., **ACHIKE, F.I**. & SIM, M.K. (2003) Vasomodulatory effects of des-asp-angiotensin-I on rat isolated perfused mesentery. 18th annual scientific conference of the

- Malaysian Society of Pharmacology and Physiology, Kuala Lumpur, Malaysia. April 2003, Abstract book
42. **ACHIKE, F.I.** (2003). Rationalising early clinical experience in an integrated medical curriculum: what the IMU students say. 1<sup>st</sup> Asia-Pacific Medical Education Conference; National University of Singapore. Singapore. Dec 3 - 5, 2003, p 90.
43. ZAILINAWATI A.H., TENG C.L., KAMIL MOHD ARIFF, **ACHIKE F.I.**, KOH C.N. (2004). Do Indians have more pain complaints? A preliminary observation from primary care. Malaysian Medical Association Conference on Management of Pain in Clinical Practice. cPenang, Feb. 20 - 22, 2004.
44. SIM S.M., GEH S.L. & **ACHIKE F.I.** (2004). Many roads lead to Rome: Is that true of the teaching and learning of Pharmacology? Lessons from three medical schools in Malaysia. 2nd Medical Education Symposium: Towards Understanding Accreditation and Medical Education Curriculum (Faculty of Med Uni. Malaya & Malaysian Medical Association). Kuala Lumpur Feb. 28, 2004; FP3.
45. **ACHIKE F.I.** (2004). The voice is Jacob's but the body is Esau's: Hybrid PBL Curricula. Medical Education Colloquium (Educating Tomorrow's Health Professionals). International Medical University, Kuala Lumpur, Malaysia. March 15 -16, 2004; p17.
46. AJAY M., MUSTAFA A.M., **ACHIKE F.I.** & MUSTAFA M.R. (2004). Effects of flavonoids on endothelial dysfunction in aorta from streptozotocin-induced diabetic rats. 19th annual scientific meeting of the Malaysian Society of Pharmacology and Physiology, Kuala Lumpur, Malaysia. May 2004, Abstract book p. 47.
47. DHARMANI M., MUSTAFA M.R., **ACHIKE F.I.** & SIM M.K. (2004). Effects of DES-ASP-Angiotensin I on the action of angiotensin II in isolated mesenteric vasculature of streptozotocin-induced diabetic rats. 19th annual scientific meeting of the Malaysian Society of Pharmacology and Physiology, Kuala Lumpur, Malaysia. May 2004, Abstract book p. 55.
48. GOPAL S., **ACHIKE F.I.** & MUSTAFA M.R. (2004). Effects of Angiotensin II on isolated perfused streptozotocin-induced diabetic rats heart. 19th annual scientific meeting of the Malaysian Society of Pharmacology and Physiology, Kuala Lumpur, Malaysia. May 2004, Abstract book p. 80.
49. CHIN L.C., MUSTAFA M.R. & **ACHIKE F.I.** (2004). Modulation of Angiotensin II-induced contraction by reactive oxygen species in streptozotocin-induced diabetic rat mesenteric artery. 19th annual scientific meeting of the Malaysian Society of Pharmacology and Physiology, Kuala Lumpur, Malaysia. May 2004, Abstract book p. 83.
50. TENG C.L., MASTURA I., NURJAHAN M.I., KWA S.K., LOH K.Y., YONG RAFIDAH A.R., **ACHIKE F.I.**, PHUA KL. (2005) Modifying antibiotic prescribing in URTI: the effectiveness of academic detailing plus leaflet in Klinik Kesihatan Ampangan. IMU Quality Day, 16th March 2005.
51. DHARMANI M., MUSTAFA M.R., **ACHIKE F.I.** & SIM M.K. (2005). Effects of Angiotensin 1-7 on the vasopressor responses to Angiotensin II in isolated perfused kidney of streptozotocin-induced diabetic rats. 20th annual scientific meeting of the Malaysian Society of Pharmacology and Physiology, Kuala Lumpur, Malaysia. April 2005.
52. CHIN L.C., MUSTAFA M.R. & **ACHIKE F.I.** (2005). Modulation of angiotensin II induced contraction by hydrogen peroxide in the normal and diabetic mesenteric artery. 20th annual scientific meeting of the Malaysian Society of Pharmacology and Physiology, Kuala Lumpur, Malaysia. April 2005.

53. GOPAL S., **ACHIKE F.I.** & MUSTAFA M.R. (2005). Characterising the mechanism of insulin-induced vasodilation in normal and streptozotocin- induced diabetic rat aorta. 20th annual scientific meeting of the Malaysian Society of Pharmacology and Physiology, Kuala Lumpur, Malaysia. April 2005.
54. TENG C.L., **ACHIKE F.I.**, PHUA K.L., NURJAHAN M.I., MASTURA ISMAIL, NOR ASIAH HASHIM, MARIAM ABDUL MANAP, NARAYANAN S. (2005). Modifying antibiotic prescribing: the effectiveness of academic detailing plus information leaflet in the Malaysian primary care setting. 39<sup>th</sup> Singapore-Malaysia Congress of Medicine, Singapore, 30<sup>th</sup> June - 3<sup>rd</sup> July 2005.
55. **ACHIKE F.I.**, CHIN L.C., MUSTAFA M.R. (2006). Hydrogen peroxide modulates angiotensin II-induced contraction of diabetic mesenteric arteries via an indomethacin- sensitive pathway. 15<sup>th</sup> World Congress of Pharmacology, Beijing, China, July 2- 7<sup>th</sup> 2006.
56. **ACHIKE F.I.** (2006). The quicksand that is medical education: whither the Pharmacology teacher. Satellite meeting on Pharmacology Teaching, 15<sup>th</sup> World Congress of Pharmacology, Beijing, China, 29<sup>th</sup> June - 1<sup>st</sup> July 2006.
57. AJAY M., **ACHIKE F.I.** & MUSTAFA M.R. (2006). Vascular effects of quercetin, in vitro and in vivo, in experimental hypertension. XIII Biennial Meeting of the Society for Free Radical Research International. Davos, Switzerland. August 15-19, 2006, Free Rad Res. 40 (1), S54.
58. DHARMANI M. MUSTAFA M.R., **ACHIKE F.I.** & SIM M.K. (2006). Effects of des-Asp-angiotensin I on angiotensin subtypes 1 (AT1) receptor in the renal vasculature of STZ-induced diabetic rats. Seminar Hasil Penyelidikan, Universiti Malaya, Kuala Lumpur Malaysia, September 6-7.
59. CHEN Y.S., PONNUDURAI G., NORAIDAH Y, **ACHIKE F.I.**, NADARAJAH VD, HLA YEE YEE (2006). Is there a relationship between PBL performance and end-of-course assessment scores? 5<sup>th</sup> Asia-Pacific Association on Problem Based Learning in Health Sciences Conference, Surabaya, Indonesia. Nov 11-17.
60. PONNUDURAI G., CHEN Y.S., NAGARAJAH L., HLA YEE YEE, **ACHIKE F.I.**, (2007). Biology at the pre-university level: does this provide an advantage to medical students? International Medical Education Conference (IMEC), Crown Plaza Hotel, Kuala Lumpur, Malaysia, April 19– 21.
61. CHEN Y.S., PONNUDURAI G., HLA YEE YEE, **ACHIKE F.I.**, GARDEN A. (2007). PBL vs lectures: the age- old conflict from the lens of IMU students. International Medical Education Conference (IMEC), Crown Plaza Hotel, Kuala Lumpur, Malaysia, April 19– 21.
62. **ACHIKE F.I.**, ABDULLAH J. JUDSON J.P., NAGARAJAH L. HLA YEE YEE, CHEN Y.S., PONNUDURAI G. (2007). Clinical skills preparedness of IMU students for partner medical school. International Medical Education Conference (IMEC), Crown Plaza Hotel, Kuala Lumpur, Malaysia, April 19 - 21.
63. MUSTAFA M.R., DHARMANI M, **ACHIKE F.I.**, SIM M.K. (2007). Effects of Angiotensin 1-7 on angiotensin subtypes 1 (AT1) receptor in the renal vasculature of Spontaneously Hypertensive rats. Life Sciences 2007, Glasgow, UK, July 8-12.
64. WONG C.P.T., **ACHIKE F.I.** & MUSTAFA M.R. (2007). Influence of acidosis on diabetic vascular tissue responses and acute treatment with the antioxidant flavonoid, quercetin.

Malaysia, Indonesia and Brunei Medical Science Conference, Rizqun International Hotel, Gadong, Brunei. July 28-29. Abstract book p 69.

65. TAN T.J., YEOH P.N. & **ACHIKE F.I.** (2007). Effects of ginkgolides on the isolated rat aorta. 9<sup>th</sup> Commonwealth Pharmaceutical Association Conference, Parkroyal Hotel, Kuala Lumpur, Malaysia. Aug 1-5. Abstract (PPcol 7), p.91.
66. **ACHIKE F.I.** (2007). The Pharmacology teacher that we need: issues to ponder. 7<sup>th</sup> Ministry of Health - Academy of Medicine, Malaysia Scientific Meeting, Bayview Beach Resort, Penang, Malaysia. September 6- 8.
67. **ACHIKE F.I.** WONG N.L. (2007). Gender differences in rat aorta responses to insulin in hyperglycemic and hyperosmolar states. 7<sup>th</sup> Ministry of Health - Academy of Medicine, Malaysia Scientific Meeting, Bayview Beach Resort, Penang, Malaysia. September 6- 8.
68. GOPAL S., **ACHIKE F.I.** & MUSTAFA M.R. (2007). Effect of acidosis on the mechanism(s) of insulin-induced vasorelaxation in normal Wistar-Kyoto rat aorta. 7<sup>th</sup> Ministry of Health - Academy of Medicine, Malaysia Scientific Meeting, Bayview Beach Resort, Penang, Malaysia. 6 - 8 September 2007 [oral presentation]
69. DHARMANI M. MUSTAFA M.R., **ACHIKE F.I.** & SIM M.K. (2007). Involvement of AT1 angiotensin receptors in the vasomodulatory effect of des-aspartate -angiotensin I in the rat renal vasculature. Proceedings of the South East Asia and Western Pacific Regional Meeting of Pharmacologists with the Australian Society of Clinical and Experimental Pharmacologists and Toxicologists. Adelaide Hilton, Australia. 2 - 6 December 2007 Abstract book p2. 37 [poster presentation]
70. GOPAL S., **ACHIKE F.I.** & MUSTAFA M.R. (2007). Exploring the mechanism of acidosis-induced alteration of the vasodilatory effect of insulin. Proceedings of the South East Asia and Western Pacific Regional Meeting of Pharmacologists with Australian Society of Clinical and Experimental Pharmacologists and Toxicologists. Adelaide Hilton, Australia. 2 - 6 December 2007 Abstract book p2 50 [poster presentation]
71. **ACHIKE F.I.** (2007). The role of PBL in innovative (medical) education. NIDO Science and Technology Conference, International Conference Centre, Abuja Nigeria, 2007. Abstract book, p.
72. DHARMANI M, MUSTAFA M.R., **ACHIKE F.I.** and SIM M.K. (2008). Impaired vasodepressor action of des-asp-angiotensin I in the renal vasculature of neonatal-streptozotocin (n-STZ) induced (type 2) diabetic rat model. 22<sup>nd</sup> Malaysian Society of Pharmacology and Physiology (MSPP) Scientific Meeting. University Malaya, Malaysia. 5 - 6 April 2008.
73. **ACHIKE F.I.** (2008) Exploring the mechanism of angiotensin-II actions in vascular physiology and pathophysiology. In: Vascular Biology Conference. Center for International Affairs, China Medical College, Taichung, Taiwan. 15 March 2008.
74. TAN T.C.B. & **ACHIKE F.I.** (2008) Exploring the mechanism of acidosis-induced vasodilatation. 22<sup>th</sup> Malaysian Society of Pharmacology and Physiology (MSPP) Scientific Meeting. University Malaya, Malaysia. 5 - 6 April 2008.
75. ALOYSIUS U.I., **ACHIKE F.I.** & MUSTAFA M.R. (2008). Gender differences in quercetin

attenuation of phenylephrine-induced vascular contractility. The 3<sup>rd</sup> Scientific Meeting of The Asian Society for Vascular Biology. National University of Singapore. 4 - 5 August 2008.

76. **ACHIKE F.I.** (2008) Acidosis: vascular mechanism and insulin action. In: 3<sup>rd</sup> Scientific Meeting of The Asian Society for Vascular Biology. National University of Singapore. 4 - 5 August 2008.

77. **ACHIKE F.I.** (2008) Bringing integration alive in a PBL curriculum: the pivotal role of the clinical skills unit. In: 6<sup>th</sup> biennial conference of the Asia-Pacific Association of PBL in the Health Sciences. Eastin Hotel, Kuala Lumpur, Malaysia. 13 - 16 October, 2008.

78. **ACHIKE F.I.** (2008) Teaching professionalism and ethics: opportunities offered in a PBL curriculum. In: IMHSE Annual Conference: Making Doctors Human. Li Ka Shing Faculty of Medicine, Univ. of Hong Kong. 11 - 13 December 2008.

79. ALOYSIUS U.I., **ACHIKE F.I.** & MUSTAFA M.R. (2009). Quercetin exerts a gender-selective relaxant effect on phenylephrine contracted normal and diabetic aorta. In: 10<sup>th</sup> International Symposium on Mechanisms of Vasodilatation. 31<sup>st</sup> May- 4<sup>th</sup> July 2009. Matsushima, Miyagi, Japan.

80. PERERA J., PERERA J. & **ACHIKE F.I.** (2009). Reflections of a novice Problem-based Learning (PBL) group. In: 6<sup>th</sup> International Medical Education Conference. 2<sup>nd</sup> - 3<sup>rd</sup> April 2009, International Medical University, Kuala Lumpur, Malaysia. Abstract book p 46.

81. **ACHIKE F.I.** (2009) Oriental medicine for medical students: a Malaysian perspective. The 41<sup>st</sup> Annual congress of the Japan Society for Medical Education, 24<sup>th</sup> - 25<sup>th</sup> July 2009, Osaka Convention Centre, Osaka Japan.

82. SIM S.M., NG C.J., CHOO W.Y., CHUA S.S., LAI S.M., **ACHIKE F.I.** (2009) How prepared are our medical students to take on prescribing responsibilities upon graduation? Association of Medical Education in Europe (AMEE) 2009 Conference, 29<sup>th</sup> Aug-2<sup>nd</sup> Sept 2009, Malaga, Spain. Abstract 7L3 (Educ. Med. MED 2009; 12 (Supl 2)

83. GNANATHASAN C. JURIAH A. & **ACHIKE F.I.** (2010) Perception of examinees (students) and examiners (faculty) of OSCE at the International Medical University (IMU), Malaysia. 7<sup>th</sup> Asia Pacific Medical Education Conference (APMEC), 4<sup>th</sup> - 8<sup>th</sup> February 2010, National Univ. of Singapore.

84. SIM S.M., MOHAZMI M., TAN C.H., CHUA S.S., LAI P.S.M, OTHMAN S. & **ACHIKE F.I.** (2010) Filling The Gap: From Pharmacology Lectures to Bedside Prescribing. 7<sup>th</sup> International Medical Education Conference (IMEC-2010) Future of Medical Education, 24<sup>th</sup> - 26<sup>th</sup> March 2010, International Medical University, Kuala Lumpur, Malaysia. Abstract No: OC-17 (p.32)

85. GNANATHASAN C.A., **ACHIKE F.I.** & JURIAH A. (2010) Perceptions of Examinees (Students) and Examiners (faculty) of OSCE at the International Medical University (IMU), Malaysia Part 2. 7<sup>th</sup> International Medical Education Conference (IMEC-2010) **Future of Medical Education**, 24<sup>th</sup> - 26<sup>th</sup> March 2010, International Medical University, Kuala Lumpur, Malaysia. Abstract No: OF-01, (p.23).

86. **ACHIKE F.I.** (2010) Anatomical regional differences in the vascular effects of perivascular adipose tissues. International Symposium on Vascular Biology, 27<sup>th</sup> -28<sup>th</sup> March 2010, China Medical University, Taichung, Taiwan.

87. **ACHIKE F.I.** (2010) Innovative medical curricula: the challenges of integration and training of the pharmacology teacher. 24<sup>th</sup> Scientific Meeting of the Malaysian Society of Pharmacology and Physiology (MSPP). 2<sup>nd</sup> - 3<sup>rd</sup> June 2010. Shah Alam Convention Centre, Shah Alam, Malaysia. Abstract no: O131.
88. ALOYSIUS U.I., **ACHIKE F.I.** & MUSTAFA M.R. (2010) Gender differences in superoxide anion and hydrogen peroxide modulation of phenylephrine-induced contraction of rat aorta. 24<sup>th</sup> Scientific Meeting of the Malaysian Society of Pharmacology and Physiology (MSPP). 2<sup>nd</sup> - 3<sup>rd</sup> June 2010. Shah Alam Convention Centre, Shah Alam, Malaysia. Abstract no: P201.
89. LAU Y.S., **ACHIKE F.I.**, DHARMANI M., & MUSTAFA M.R. (2010) Antioxidant activity of boldine prevents endothelial dysfunction in isolated aortae from hypertensive and diabetic rats. 24<sup>th</sup> Scientific Meeting of the Malaysian Society of Pharmacology and Physiology (MSPP). 2<sup>nd</sup> - 3<sup>rd</sup> June 2010. Shah Alam Convention Centre, Shah Alam, Malaysia. Abstract no: P205.
90. **ACHIKE F.I.**, CHUA C.B., & KWAN C.Y. (2010) Anatomical regional differences in aortic tissue reactivity: the role of perivascular adipose tissue in normal and diabetic rats. 16<sup>th</sup> World Congress of basic and Clinical Pharmacology 17<sup>th</sup>- 23<sup>rd</sup> July 2010, Copenhagen, Denmark. Abstract no: 194.
91. **ACHIKE F.I.** & YEO JL. (2010) Potassium channel modulation of acidosis-induced vasodilatation of normal and diabetic rat aorta. 16<sup>th</sup> World Congress of basic and Clinical Pharmacology 17<sup>th</sup>- 23<sup>rd</sup> July 2010, Copenhagen, Denmark. Abstract no: 195.
92. SIM S.M., MOHAZMI M., TAN C.H., CHUA S.S., LAI P.S.M, OTHMAN S. & **ACHIKE F.I.** (2010) How well can we bridge the gap between pharmacology lectures and bedside prescribing? Association of Medical Education in Europe (AMEE) 2010 Conference, 4<sup>th</sup>- 8<sup>th</sup> Sept 2010, Glasgow, United Kingdom. Abstract No; 8K5 (p. 344)
93. **ACHIKE F.I.** & NAIN N. (2010) Introducing PBL into a nursing curriculum: how we did it in Malaysia. 1<sup>st</sup> Asia-Pacific Joint Conference of the Asia-Pacific Conference on PBL (APC PBL) and the Asia-Pacific Association of PBL in the Health Sciences (APA PHS), 22<sup>nd</sup> - 25<sup>th</sup> October 2010, Fu Jen Catholic University, Taipei, Taiwan.
94. **ACHIKE F.I.** (2010) PBL curriculum decay: an aetiologic perspective. 1<sup>st</sup> Asia-Pacific Joint Conference of the Asia-Pacific Conference on PBL (APC PBL) and the Asia-Pacific Association of PBL in the Health Sciences (APA PHS), 22<sup>nd</sup> - 25<sup>th</sup> October 2010, Fu Jen Catholic University, Taipei, Taiwan.
95. **ACHIKE F.I.** (2010) Perivascular adipose tissue and anatomical regional differences in vascular responses. In: 4<sup>th</sup> Scientific Meeting of the Asian Society for Vascular Biology (ASVB) and the Paul M Vanhoutte Research Symposium. 20<sup>th</sup> -21<sup>st</sup> November 2010, Cheung Kung Hai Conference Centre, Faculty of Medicine, University of Hong Kong, Hong Kong (SAR). Abstract FC01.
96. SOLAYAR R.D., CHUA C.B. & **ACHIKE F.I.** (2010) Does age affect the anatomical regional differences in perivascular adipose tissue regulation of aortic contractility? In: 4<sup>th</sup> Scientific Meeting of the Asian Society for Vascular Biology (ASVB) and the Paul M Vanhoutte Research Symposium. 20<sup>th</sup>- 21<sup>st</sup> November 2010, Cheung Kung Hai Conference Centre, Faculty of Medicine, University of Hong Kong, Hong Kong (SAR). Abstract FC03.
97. LAU Y.S., **ACHIKE F.I.**, DHARMANI M. & MUSTAFA M.R. (2010) Endothelial protective effects of boldine in streptozotocin-induced diabetic rat: Free radical scavenging activities and

inhibition of protein kinase C. 44<sup>th</sup> Annual Scientific Meeting of the Australian Society of Clinical and Experimental Pharmacology and Therapeutics, 28<sup>th</sup> Nov – 1<sup>st</sup> Dec 2010, Sebel Albert Park, Melbourne Australia. Abstract 34.

98. **ACHIKE F.I.** (2011) The PBL curriculum offers ample opportunities for learning / teaching of professionalism and ethics. 6th Congress of the Asian Medical Education Association, 23 – 26<sup>th</sup> March 2011, International Medical University, Kuala Lumpur, Malaysia. Abstract OPBL7; p 63.

99. **ACHIKE F.I.** & MALAKOLUNTHU S. (2011) Students' perception of service quality in a private medical university in Malaysia. 6th Congress of the Asian Medical Education Association, 23 – 26<sup>th</sup> March 2011, International Medical University, Kuala Lumpur, Malaysia. Abstract OAE 25; p 51.

100. LOH W.M. DHARMANAI D.M., **ACHIKE F.I.**, & MUSTAFA M.R. (2011) Improved endothelium-dependent relaxation by des-aspartate angiotensin I (DAA-1) in SHR isolated aorta is mediated by angiotensin receptors and nitric oxide. 25<sup>th</sup> Scientific Meeting of the Malaysian Society of Pharmacology and Physiology (MSPP). 25<sup>th</sup> – 26<sup>th</sup> May 2011. Faculty of Medicine and Health Sciences, University Putra Malaysia. Abstract no: P054.

101. LAU Y.S., DHARMANAI M., **ACHIKE F.I.**, & MUSTAFA M.R. (2011) Boldine inhibits superoxide generation in streptozotocin diabetic rats by reducing NAD(P)H oxidase subunit P47<sup>PHOX</sup>. 25<sup>th</sup> Scientific Meeting of the Malaysian Society of Pharmacology and Physiology (MSPP). 25<sup>th</sup> – 26<sup>th</sup> May 2011. Faculty of Medicine and Health Sciences, University Putra Malaysia. Abstract no: O004.

102. **ACHIKE F.I.**, TENG C.L. & SIM S.M. (2011) Exploring the challenges to prescribing competency from the perspectives of final year medical students. American College of Clinical Pharmacology 40<sup>th</sup> Annual Meeting, Crowne Plaza Chicago O'Hare Hotel, Chicago, Illinois, USA, 11-13 September 2011. J Clin Pharmacol. 2011, 51 (9): p.1355.

103. NAYAR S.S.K.N, CHAN W.R. & **ACHIKE F.I.** (2011) The role of perivascular adiposity in the contraction of aortic rings from normal, type 1 and type 2 diabetic rats. Diabetes Asia Conference and Workshop 2011. 5<sup>th</sup> – 9<sup>th</sup> October 2011. Sunway Resort Hotel & Spa Convention Centre, Petaling Jaya Malaysia.

104. **ACHIKE F.I.**, JONES J., ROCKHOLD R., & DIDLAKE R. (2012) Innovative health professional education: the challenges of integration. 75<sup>th</sup> Annual Meeting of the Mississippi Academy of Science. 23-24<sup>th</sup> February 2012. Hattiesburg Convention Center, Hattiesburg, MS, USA. J. MS Acad. Sc. 2012, 57 (1) p.104.

105. **ACHIKE F.I.**, WEI R, & YI S.C. (2012) Perivascular adipose tissue relaxation of rat thoracic aorta is partially EDNO-modulated. 75<sup>th</sup> Annual Meeting of the Mississippi Academy of Science. 23-24<sup>th</sup> February 2012. Hattiesburg Convention Center, Hattiesburg, MS, USA. J. MS Acad. Sc. 2012, 57 (1) p.108.

106. **ACHIKE F.I.** (2012) A PBL curriculum provides structured framework for teaching/learning of professionalism and ethics. 16th Annual Meeting of the International Association Medical Science Educators. 23<sup>rd</sup> - 26<sup>th</sup> June 2012. Portland Hilton Hotel, Portland, OR, USA. Abstract No. 210.

107. **ACHIKE F.I.** (2012) Interprofessional education/ practice: Developing PBL-driven interprofessional learning. Workshop organized and facilitated at the 2<sup>nd</sup> Asia-Pacific Joint Conference on PBL (APJC-PBL). 24<sup>th</sup> - 28<sup>th</sup> October 2012. Everbright International Hotel and Convention Center, Shanghai, China.

108. **ACHIKE F.I.**, SMITH J., LEONARD S., WILLIAMS J., & FBROWNING F. (2013) Advancing safe drug use through interprofessional education: A pilot study. 76<sup>th</sup> Annual Meeting of the Mississippi Academy of Science. 20<sup>th</sup> - 22<sup>nd</sup> February 2013. Thad Cochran Center, University of Southern Mississippi, Hattiesburg, MS, USA. J. MS Acad. Sc.
109. **ACHIKE F.I.** (2013). The challenges in adopting and sustaining innovative (PBL) medical/health professional curriculum Workshop (No 3FS1) organized and facilitated at the 17th Annual Meeting of the International Association Medical Science Educators (IAMSE). 8<sup>th</sup> – 11<sup>th</sup> June 2013. University of St Andrews, St Andrews, Scotland, UK.
110. **ACHIKE F.I.** & BAILEY J. (2014). Making sense of test cut-off points: standard setting in medical education Workshop (No 3FS1) delivered at the 18th Annual Meeting of the International Association Medical Science Educators (IAMSE). 7<sup>th</sup> -11<sup>th</sup> June 2014. Sheraton Music City Hotel, Nashville, TN, USA.
111. AFONSO N., JOYCE B., DICKSON C. & **ACHIKE F.I.** (2014). Use of the doctoring course to assist novice learners with integration in the preclinical years. Workshop delivered at the 2014 Association of American Medical Colleges (AAMC) Medical Education Meeting. 6-7 November 2014. Swissotel Chicago, Chicago, IL, USA.
112. **ACHIKE F.I.**, CHRISTNER J., & MILAN F. (2014). Standard setting for performance based assessment (OSCE). Workshop delivered at the 2014 Directors of Clinical Skills conference (in association with the 2014 AAMC conference). 7 November 2014. Northwestern University Feinberg School of Medicine, Chicago, IL, USA.
113. ACHIKE F.I., & MATSUO O. (2014). The challenges in adopting, managing and sustaining PBL. Workshop to be delivered at the 3<sup>rd</sup> Asia-Pacific Joint Conference on Problem-Based Learning (APJC-PBL). 4-7<sup>th</sup> December 2014. Phuket Graceland Resort and Spa, Phuket, Thailand.
114. KUNASEGARAN T., MURUGAN DD, **ACHIKE F.I.**, MUSTAFA M.R. (2014). Exploring the effects of quercetin and metformin combination on the reactivity of aortic tissues from a type 2 diabetic rat model. Pharmacology and Physiology International Scientific Congress 2014 (MSPP-VNEM-ASVB-MHS 2014), 22-24th Aug 2014, PWTC, Kuala Lumpur, Malaysia.
115. LOH W.M., LING W.C., MURUGAN D.D., VANHOUTTE P.M., LAU Y.S., **ACHIKE F.I.**, MUSTAFA M.R. (2014). Des-Asp-Angiotensin I inhibits Angiotensin II induced vasoconstriction and oxidative stress in SHR. International Postgraduate Research Awards Seminar (InPRAS 2014), 10-11th Dec 2014, University of Malaya, Kuala Lumpur, Malaysia.
116. **ACHIKE F.I.**, KUNASEGARAN T., MUSTAFA M.R., MURUGAN DD. (2015). PPAR- $\gamma$  agonist pioglitazone synergises with bioflavonoid quercetin in attenuating the vascular effects of angiotensin-II in fructose-streptozotocin-induced type-2 diabetic rat. 2015 Mid-Atlantic Diabetes Research Symposium, Sept 25, 2015, National Institute of Health (NIH), Bethesda MD, USA.
117. GORDON-ROSE J., SPEIER T.L., SILKWOOD-SHERER D., **ACHIKE F.I.** & MASTERSON Jr. T.J. (2015). The Central Michigan University interprofessional education mission: current state, challenges and project proposal. Symposium delivered at the Northern Michigan IPE Conference 2015. 15<sup>th</sup>-17<sup>th</sup> October 2015. Boyne Mountain Resort, Boyne Falls, MI.

118. **ACHIKE F.I.**, OBADIA S., SILVESTRI R. & UCHIDA T. (2015). The Best of the 2015 Clinical Skills Education Literature Seminal Articles in Clinical Skills Topics. Symposium delivered at the Directors of Clinical Skills (DOCS) conference (in association with the 2015 AAMC conference). 10<sup>th</sup> November 2015. Baltimore Convention Center, Baltimore MD.

119. **ACHIKE F.I.**, KUNASEGARAN T., MURUGAN DD. (2016). Quercetin and pioglitazone synergistically reverse endothelial dysfunction in isolated aorta from fructose-streptozotocin-induced diabetic rats. 2016 Mid-Atlantic Diabetes Research Symposium, 29<sup>th</sup> Sept 2016, National Institute of Health (NIH), Bethesda MD, USA.

120. **ACHIKE F.I.** (2016). Interprofessional Education (IPE): Challenges, and interphase with PBL. Plenary, presented at the 4<sup>th</sup> Asia-Pacific Joint Conference on Problem-Based Learning (APJC-PBL 2016), 26<sup>th</sup> - 28<sup>th</sup> October 2016, Daegu, S. Korea.

121. **ACHIKE F.I.** (2016). Science behind the passing grade: Making sense of an OSCE cut-off point. Lunch Table workshop: 2016 Association of American Medical Colleges conference, 12<sup>th</sup> November 2016. Seattle Convention Center, Seattle WA.

122. **ACHIKE F.I.** (2017). Making sense of test cut-off points: setting standards for assessment in medical education. Workshop delivered at the 2017 IAMSE conference, 11<sup>th</sup> June 2017. University of Vermont, Burlington, VT.

123. **ACHIKE F.I.** (2018). Clinical Skills Training: A Vehicle for Interprofessional Education. Plenary, presented at the 2018 International Asia-Pacific Conference on Problem-Based Learning in Health Sciences and Higher Education, 3-5 August 2018. Airlangga University, Surabaya, Indonesia.

124. **ACHIKE F.I.** (2018). Developing an Interprofessional Education Curriculum. Workshop delivered at the 2018 International Asia-Pacific Conference on Problem-Based Learning in Health Sciences and Higher Education, 3-5 August 2018. Airlangga University, Surabaya, Indonesia.

## ***Medical Education Publications (Extracted from above list)***

### ***Full Length Papers:***

1. **ACHIKE, F.I.** & KWAN, C.Y. (1998) Problem-based learning (PBL) in medical education: why, what and how. J. U. Malaya Med. Ctr. 2 (2) 89 - 93.
2. **ACHIKE, F.I.** & OGLE, C.W. (2000) Information overload in the teaching of Pharmacology. J. Clin. Pharmacol. 40 (2) 177- 183.
3. **ACHIKE, F.I.** & OGLE C.W. (2001) Problem-based learning and the teaching of pharmacology. J. Med Educ. (Taiwan) 5 (4), 382-388.
4. **ACHIKE F.I.** (2003) Sustaining the effectiveness of PBL in a medical curriculum. J Med Educ, 7 (3): 298 - 302.
5. **ACHIKE, F.I.** & NAIN NORAINI. (2005) Promoting problem-based learning (PBL) in nursing education: a Malaysian experience. J. Nurse Educ in Practice, 5 (5), 302 - 311.

6. SIM S.M., **ACHIKE F.I.** & GEH S.L. (2005) Many roads lead to Rome- Is that true of the teaching and learning of Pharmacology? Lessons from three medical schools in Malaysia. *Med. J. Mal.* 60, (Suppl D) 41- 47.
7. **ACHIKE F.I.** (2006). The clinical skills unit in an integrated medical curriculum: an IMU perspective. *J. Med Educ (Taiwan)* 10 (4), 1-6.
8. **ACHIKE F.I.** (2007). Review of the critical role of a clinical skills unit in a PBL curriculum. *J Med Educ. (Taiwan)* 11 (1), 1-12.
9. PONNUDURAI G., CHEN Y.S., NAGARAJAH L., HLA YEE YEE, **ACHIKE F.I.**, (2007). Biology at pre-university level: does this provide an advantage to medical students? *J. Med Educ (Taiwan)* 11 (2), 150- 156.
10. CHEN Y.S., **ACHIKE F.I.**, PONNUDURAI G. YEE YEE H, GARDEN A. (2009) Medical students' perception of a hybrid Problem-based curriculum. *J Med Educ (Taiwan)* 13 (3): 154-168.
11. **ACHIKE F.I.** (2010) Teaching Pharmacology in an innovative medical curriculum: challenges of integration, technology and future training. (**Editorial**) *J Clin. Pharmacol.* 50 (6): 6-16.
12. **ACHIKE F.I.** (2011) The temporal and challenging faces of integration in medical education: The fate of pharmacology. (**Editorial**) *Ind. J. Pharmacol.* 43 (3): 227-231.
13. GNANATHASAN C.A., ABDULLAH J., **ACHIKE F.I.** (2012) Promoting students' acceptability: a survey of examinee (students) and examiners (faculty) perception of OSCE in a Malaysian medical school. *J Med Educ. (Taiwan)*, 16 (1): 9-21.
14. **ACHIKE F.I.**, SMITH J., LEONARD S., WILLIAMS J., BROWNING F., GLISSON J. (2014) Advancing safe drug use through interprofessional learning (IPL): a pilot study. *J. Clin Pharmacol.* 54(7): 832-839.
15. **ACHIKE F.I.**, LEE M.C., LIN H.W., CHOU F.C., HSIN D.H., & KWAN C.Y. (2015) Promoting interprofessional education (IPE) through the biennial Asia-Pacific Joint Conference on PBL (APJC-PBL). (Under review)
16. LAI P.S.M., SIM S.M., CHUA S.S., TAN C.H., NG C.J., **ACHIKE F.I.**, TENG C.L. (2015) Development and validation of an instrument to assess the prescribing readiness of medical students in Malaysia. *BMC Med Educ.* 15(1):153-. doi: 10.1186/s12909-015-0433-z
17. **ACHIKE F.I.** (2015) The challenges of integration in an innovative modern medical curriculum. *Med Sci. Educ.* DOI 10.1007/s40670-015-0206-7.
18. **ACHIKE F.I.**, LEE M.C., LIN H.W., CHOU F.C., HSIN D.H., & KWAN C.Y. (2015) Promoting interprofessional education (IPE) with PBL through the biennial Asia-Pacific Joint Conference on PBL (APJC-PBL). *J. Med Educ.* 19 (4): 153-162. Doi: 10.6145/jmed201514.
19. JOYCE B., AFONSO N, **ACHIKE FI.** (2016) Using the doctoring course to promote integration: the experience of two new medical schools. *Med Sci. Educ.* DOI: 10.1007/s40670-016-0297-9
20. **ACHIKE FI.** (2016) Interprofessional education: Challenges and interphase with problem-based learning. *J. Med Educ.* 20 (3): 258-268. DOI: 10.6145/jme201626.

21. AL-EYD G, **ACHIKE F.I.**, AGARWAL M, ATAMNA H, ATAPATTU D, CASTRO L, ESTRADA J, ETTARH R, HASSAN S, LAKHAN SL, NAUISHEEN F, SEKI T, STEGEMAN M, SUSKIND R, VELJI A, YAKUB M, TENORE A. (2018) Curriculum mapping as a tool to facilitate curriculum development: A new school of medicine experience. *BMC Medical Education*. 18, 185-
22. UCHIDA T., **ACHIKE F.I.**, BLOOD A.D., BOYLE M., FARNAN J.M., GOWDA D., HOJSAK J., OVITSH R.K., PARK Y.S., SILVESTRI R. (2018) Resources used to teach the physical exam to pre-clerkship medical students: Results of a national survey. *Acad. Med.* 93 (5): 736-741.
23. UCHIDA T., PARK Y.S., OVITSH R.K., HOJSAK J., GOWDA D., FARNAN J.M., BOYLE M., BLOOD A.D., **ACHIKE F.I.**, SILVESTRI R. (2018) Approaches to Teaching the Physical Exam to Pre-Clerkship Medical Students: Results of a National Survey. (*Acad. Med.* DOI: 10.1097/ACM.0000000000002433; In press).
24. LAU V, LAKHAN S.E., **ACHIKE F.** (2018) New Media, Technology and Neurology Education. *Seminars in Neurology*. 38 (4) 457- 464.
25. **ACHIKE FI.**, LAKHAN S. (2018) Competency-based medical education: philosophy, what, how, and why? *Med Sci Educ.* (In prep)
26. **ACHIKE FI.**, LAKHAN S. & YAKUB M. (2018) Clinical Skills training: A vehicle for Interprofessional education. *J Med Educ* (In prep)

## ***Medical Education Publications (Extracted from above list)***

### ***Conference Abstracts:***

1. **ACHIKE, F.I.** (1998) Problem-based learning: a paradigm whose time has come. (Submitted to the 13th annual Scientific conference of the Malaysian Pharmacology and Physiology society, Kuala Lumpur, April 1998, Abstract book p. O-5).
2. **ACHIKE FI & OGLE CW** (2000) Excess luggage in the teaching of Pharmacology. (Presented to the 6<sup>th</sup> National Conference on Medical Sciences, Kota Bharu, Malaysia. May 2000, Abstract book p. 4).
3. **ACHIKE FI** (2000) Problem-based learning: an old and new paradigm in medical education. (Presented to the 1<sup>st</sup> ASEAN Conference on Problem-Based Learning in Health Sciences. PBL: Issues & Challenges, Singapore. November 2000, Abstract book p. 18).
4. **ACHIKE FI** (2001). The utility of a simple post (OSCE) assessment feedback questionnaire in a clinical skills unit. Inaugural Symposium of the Asian Medical Education Association. Hong Kong, China. 21-22 June 2001, Abstract book p31.
5. **ACHIKE FI** (2001). Training the Pharmacology teacher: issues to ponder. Inaugural Symposium of the Asian Medical Education Association. Hong Kong, China. 21-22 June 2001, Abstract book p43.
6. **ACHIKE FI** (2001). Refocusing the training of the Pharmacology teacher: issues to ponder. *Asia Pacific J Pharmacol.* 15, Suppl. S47.

7. **ACHIKE FI** (2001). The clinical skills unit in an integrated curriculum: an IMU perspective. 2<sup>nd</sup> Asia-Pacific Conference on PBL In Health Sciences. University Malaya, Malaysia. 30-31 October 2001. Abstract book p 49.
8. **ACHIKE, F.I, NORAINI NAIN & MOHD. YUSOP AHMAD** (2002). Promoting PBL in nursing education: A Pantai institute of health sciences and nursing education experience. International Nursing Conference on Advances In Nursing Practice, Kuala Lumpur. 4-6 Oct 2002, p 37
9. **ACHIKE, F.I.** (2002). Sustaining the effectiveness of PBL in a medical curriculum. 3<sup>rd</sup> Asia-Pacific Conference on PBL in Health Sciences. Taipei, Taiwan. Oct 31 – Nov 3, 2002, p 20.
10. **ACHIKE, F.I.** (2003). Rationalising early clinical experience in an integrated medical curriculum: what the IMU students say. 1<sup>st</sup> Asia-Pacific Medical Education Conference; National University of Singapore. Singapore. Dec 3 - 5, 2003, p 90.
11. **SIM S.M., GEH S.L. & ACHIKE F.I.** (2004). Many roads lead to Rome: Is that true of the teaching and learning of Pharmacology? Lessons from three medical schools in Malaysia. 2nd Medical Education Symposium: Towards Understanding Accreditation and Medical Education Curriculum (Faculty of Med Uni. Malaya & Malaysian Medical Association). Kuala Lumpur Feb. 28, 2004; FP3.
12. **ACHIKE F.I.** (2004). The voice is Jacob's but the body is Esau's: Hybrid PBL Curricula. Medical Education Colloquium (Educating Tomorrow's Health Professionals). International Medical University, Kuala Lumpur, Malaysia. March 15 –16, 2004; p17.
13. **ACHIKE F.I.** (2006). The quicksand that is medical education: whither the Pharmacology teacher. Satellite meeting on Pharmacology Teaching, 15<sup>th</sup> World Congress of Pharmacology, Beijing, China, 29<sup>th</sup> June - 1<sup>st</sup> July 2006.
14. **CHEN Y.S., PONNUDURAI G., NORAIDAH Y, ACHIKE F.I., NADARAJAH VD, HLA YEE YEE** (2006). Is there a relationship between PBL performance and end-of-course assessment scores? 5<sup>th</sup> Asia-Pacific Association on Problem Based Learning in Health Sciences Conference, Surabaya, Indonesia. Nov 11-17.
15. **PONNUDURAI G., CHEN Y.S., NAGARAJAH L., HLA YEE YEE, ACHIKE F.I.,** (2007). Biology at the pre-university level: does this provide an advantage to medical students? International Medical Education Conference (IMEC), Crown Plaza Hotel, Kuala Lumpur, Malaysia, April 19– 21.
16. **CHEN Y.S., PONNUDURAI G., HLA YEE YEE, ACHIKE F.I., GARDEN A.** (2007). PBL vs lectures: the age- old conflict from the lens of IMU students. International Medical Education Conference (IMEC), Crown Plaza Hotel, Kuala Lumpur, Malaysia, April 19– 21.
17. **ACHIKE F.I., ABDULLAH J. JUDSON J.P., NAGARAJAH L. HLA YEE YEE, CHEN Y.S., PONNUDURAI G.** (2007). Clinical skills preparedness of IMU students for partner medical school. International Medical Education Conference (IMEC), Crown Plaza Hotel, Kuala Lumpur, Malaysia, April 19 - 21.
18. **ACHIKE F.I.** (2007). The Pharmacology teacher that we need: issues to ponder. 7<sup>th</sup> Ministry of Health - Academy of Medicine, Malaysia Scientific Meeting, Bayview Beach Resort, Penang, Malaysia. September 6- 8.

19. **ACHIKE F.I.** (2007). The role of PBL in innovative (medical) education. NIDO Science and Technology Conference, International Conference Centre, Abuja Nigeria, 2007. Abstract book, p.
20. **ACHIKE F.I.** (2008) Bringing integration alive in a PBL curriculum: the pivotal role of the clinical skills unit. In: 6<sup>th</sup> biennial conference of the Asia-Pacific Association of PBL in the Health Sciences. Eastin Hotel, Kuala Lumpur, Malaysia. 13 - 16 October, 2008.
21. **ACHIKE F.I.** (2008) Teaching professionalism and ethics: opportunities offered in a PBL curriculum. In: IMHSE Annual Conference: Making Doctors Human. Li Ka Shing Faculty of Medicine, Univ. of Hong Kong. 11 - 13 December 2008.
22. PERERA J., PERERA J. & **ACHIKE F.I.** (2009). Reflections of a novice Problem-based Learning (PBL) group. In: 6<sup>th</sup> International Medical Education Conference. 2<sup>nd</sup> - 3<sup>rd</sup> April 2009, International Medical University, Kuala Lumpur, Malaysia. Abstract book p 46.
23. **ACHIKE F.I.** (2009) Oriental medicine for medical students: a Malaysian perspective. The 41<sup>st</sup> Annual congress of the Japan Society for Medical Education, 24<sup>th</sup> - 25<sup>th</sup> July 2009, Osaka Convention Centre, Osaka Japan.
24. SIM S.M., NG C.J., CHOO W.Y., CHUA S.S., LAI S.M., **ACHIKE F.I.** (2009) How prepared are our medical students to take on prescribing responsibilities upon graduation? Association of Medical Education in Europe (AMEE) 2009 Conference, 29<sup>th</sup> Aug-2<sup>nd</sup> Sept 2009, Malaga, Spain. Abstract 7L3 (Educ. Med. MED 2009; 12 (Supl 2))
25. GNANATHASAN C. JURIAH A. & **ACHIKE F.I.** (2010) Perception of examinees (students) and examiners (faculty) of OSCE at the International Medical University (IMU), Malaysia. 7<sup>th</sup> Asia Pacific Medical Education Conference (APMEC), 4<sup>th</sup> - 8<sup>th</sup> February 2010, National Univ. of Singapore.
26. SIM S.M., MOHAZMI M., TAN C.H., CHUA S.S., LAI P.S.M, OTHMAN S. & **ACHIKE F.I.** (2010) Filling The Gap: From Pharmacology Lectures to Bedside Prescribing. 7<sup>th</sup> International Medical Education Conference (IMEC-2010) Future of Medical Education, 24<sup>th</sup> – 26<sup>th</sup> March 2010, International Medical University, Kuala Lumpur, Malaysia. Abstract No: OC-17 (p.32)
27. GNANATHASAN C.A., **ACHIKE F.I.** & JURIAH A. (2010) Perceptions of Examinees (Students) and Examiners (faculty) of OSCE at the International Medical University (IMU), Malaysia Part 2. 7<sup>th</sup> International Medical Education Conference (IMEC-2010) **Future of Medical Education**, 24<sup>th</sup> - 26<sup>th</sup> March 2010, International Medical University, Kuala Lumpur, Malaysia. Abstract No: OF-01, (p.23).
28. **ACHIKE F.I.** (2010) Innovative medical curricula: the challenges of integration and training of the pharmacology teacher. 24<sup>th</sup> Scientific Meeting of the Malaysian Society of Pharmacology and Physiology (MSPP). 2<sup>nd</sup> - 3<sup>rd</sup> June 2010. Shah Alam Convention Centre, Shah Alam, Malaysia. Abstract no: O131.
29. SIM S.M., MOHAZMI M., TAN C.H., CHUA S.S., LAI P.S.M, OTHMAN S. & **ACHIKE F.I.** (2010) How well can we bridge the gap between pharmacology lectures and bedside prescribing? Association of Medical Education in Europe (AMEE) 2010 Conference, 4<sup>th</sup>- 8<sup>th</sup> Sept 2010, Glasgow, United Kingdom. Abstract No; 8K5 (p. 344)
30. **ACHIKE F.I.** & NAIN N. (2010) Introducing PBL into a nursing curriculum: how we did it in Malaysia. 1<sup>st</sup> Asia-Pacific Joint Conference of the Asia-Pacific Conference on PBL (APC PBL) and the

Asia-Pacific Association of PBL in the Health Sciences (APA PHS), 22nd - 25th October 2010, Fu Jen Catholic University, Taipei, Taiwan.

31. **ACHIKE F.I.** (2010) PBL curriculum decay: an aetiologic perspective. 1st Asia-Pacific Joint Conference of the Asia-Pacific Conference on PBL (APC PBL) and the Asia-Pacific Association of PBL in the Health Sciences (APA PHS), 22nd - 25th October 2010, Fu Jen Catholic University, Taipei, Taiwan.

32. **ACHIKE F.I.** (2011) The PBL curriculum offers ample opportunities for learning / teaching of professionalism and ethics. 6th Congress of the Asian Medical Education Association, 23 – 26th March 2011, International Medical University, Kuala Lumpur, Malaysia. Abstract OPBL7; p 63.

33. **ACHIKE F.I.** & MALAKOLUNTHU S. (2011) Students' perception of service quality in a private medical university in Malaysia. 6th Congress of the Asian Medical Education Association, 23 – 26th March 2011, International Medical University, Kuala Lumpur, Malaysia. Abstract OAE 25; p 51.

34. **ACHIKE F.I.**, TENG C.L. & SIM S.M. (2011) Exploring the challenges to prescribing competency from the perspectives of final year medical students. American College of Clinical Pharmacology 40th Annual Meeting, Crowne Plaza Chicago O'Hare Hotel, Chicago, Illinois, USA, 11-13 September 2011. *J Clin Pharmacol.* 2011, 51 (9): p.1355

35. **ACHIKE F.I.**, JONES J., ROCKHOLD R., & DIDLAKE R. (2012) Innovative health professional education: the challenges of integration. 75<sup>th</sup> Annual Meeting of the Mississippi Academy of Science. 23-24<sup>th</sup> February 2012. Hattiesburg Convention Center, Hattiesburg, MS, USA. *J. MS Acad. Sc.* 2012, 57 (1) p.104.

36. **ACHIKE F.I.** (2012) A PBL curriculum provides structured framework for teaching/learning of professionalism and ethics. 16th Annual Meeting of the International Association Medical Science Educators. 23<sup>rd</sup> -26<sup>th</sup> June 2012. Portland Hilton Hotel, Portland, OR, USA. Abstract No. 210.

37. **ACHIKE F.I.** (2012) Interprofessional education/ practice: Developing PBL-driven interprofessional learning. Workshop organized and facilitated at the 2<sup>nd</sup> Asia-Pacific Joint Conference on PBL (APJC-PBL). 24<sup>th</sup> -28<sup>th</sup> October 2012. Everbright International Hotel and Convention Center, Shanghai, China.

38. **ACHIKE F.I.**, SMITH J., LEONARD S., WILLIAMS J., & FBROWNING F. (2013) Advancing safe drug use through interprofessional education: A pilot study. 76<sup>th</sup> Annual Meeting of the Mississippi Academy of Science. 20<sup>th</sup> -22<sup>nd</sup> February 2013. Thad Cochran Center, University of Southern Mississippi, Hattiesburg, MS, USA. *J. MS Acad. Sc.*

39. **ACHIKE F.I.** (2013). The challenges in adopting and sustaining innovative (PBL) medical/health professional curriculum Workshop (No 3FS1) organized and facilitated at the 17th Annual Meeting of the International Association Medical Science Educators (IAMSE). 8<sup>th</sup> -11<sup>th</sup> June 2013. University of St Andrews, St Andrews, Scotland, UK.

40. **ACHIKE F.I.** (2014). Making sense of test cut-off points: standard setting in medical education Workshop (No 3FS1) to be organized and facilitated at the 18th Annual Meeting of the International Association Medical Science Educators (IAMSE). 7<sup>th</sup> -11<sup>th</sup> June 2014. Sheraton Music City Hotel, Nashville, TN, USA.

41. AFONSO N., JOYCE B., DICKSON C. & **ACHIKE F.I.** (2014). Use of the doctoring course to assist novice learners with integration in the preclinical years. Workshop delivered at the 2014

Association of American Medical Colleges (AAMC) Medical Education Meeting. 6-7 November 2014. Swissotel Chicago, Chicago, IL, USA.

42. **ACHIKE F.I.**, CHRISTNER J., & MILAN F. (2014). Standard setting for performance based assessment (OSCE). Workshop delivered at the 2014 Directors of Clinical Skills conference (in association with the 2014 AAMC conference). 7 November 2014. Northwestern University Feinberg School of Medicine, Chicago, IL, USA.

43. **ACHIKE F.I.**, & MATSUO O. (2014). The challenges in adopting, managing and sustaining PBL. Workshop delivered at the 3<sup>rd</sup> Asia-Pacific Joint Conference on Problem-Based Learning (APJC-PBL). 4-7<sup>th</sup> December 2014. Phuket Graceland Resort and Spa, Phuket, Thailand.

44. GORDON-ROSE J., SPEIER T.L., SILKWOOD-SHERER D., **ACHIKE F.I.** & MASTERSON Jr. T.J. (2015). The Central Michigan University interprofessional education mission: current state, challenges and project proposal. Symposium delivered at the Northern Michigan IPE Conference 2015. 15<sup>th</sup>-17<sup>th</sup> October 2015. Boyne Mountain Resort, Boyne Falls, MI.

45. **ACHIKE F.I.**, OBADIA S., SILVESTRI R. & UCHIDA T. (2015). The Best of the 2015 Clinical Skills Education Literature Seminal Articles in Clinical Skills Topics. Symposium delivered at the Directors of Clinical Skills (DOCS) conference (in association with the 2015 AAMC conference). 10<sup>th</sup> November 2015. Baltimore Convention Center, Baltimore MD.

46. **ACHIKE F.I.** (2016). Interprofessional Education (IPE): Challenges, and interphase with PBL. Plenary, presented at the 4<sup>th</sup> Asia-Pacific Joint Conference on Problem-Based Learning (APJC-PBL 2016), 26<sup>th</sup> - 28<sup>th</sup> October 2016, Daegu, S. Korea.

47. **ACHIKE F.I.** (2016). Science behind the passing grade: Making sense of an OSCE cut-off point. Lunch Table workshop: 2016 Association of American Medical Colleges conference, 12<sup>th</sup> November 2016. Seattle Convention Center, Seattle WA.

48. **ACHIKE F.I.** (2017). Making sense of test cut-off points: setting standards for assessment in medical education. Workshop delivered at the 2017 IAMSE conference, 11<sup>th</sup> June 2017. University of Vermont, Burlington, VT.

49. **ACHIKE F.I.** (2018). Clinical Skills Training: A Vehicle for Interprofessional Education. Plenary, presented at the 2018 International Asia-Pacific Conference on Problem-Based Learning in Health Sciences and Higher Education, 3-5 August 2018. Airlangga University, Surabaya, Indonesia.

50. **ACHIKE F.I.** (2018). Developing an Interprofessional Education Curriculum. Workshop delivered at the 2018 International Asia-Pacific Conference on Problem-Based Learning in Health Sciences and Higher Education, 3-5 August 2018. Airlangga University, Surabaya, Indonesia.