

## **Table of Content**

<b>Vision &amp; Mission</b>	<b>4</b>
<b>Review of the Year</b>	
<b>Seminars &amp; Meetings</b>	<b>4</b>
<b>Peoples &amp; Events</b>	<b>10</b>
<b>Workshops &amp; Courses</b>	<b>11</b>
<b>Special Reports</b>	<b>18</b>
<b>Postgraduate Programme</b>	<b>30</b>
<b>Undergraduate Programme</b>	<b>31</b>
<b>Visits from Other Institutions</b>	<b>32</b>
<b>The Unit</b>	<b>33</b>
<b>Profiles</b>	<b>54</b>
<b>Appendix</b>	<b>97</b>

## 2008 IN REVIEW



*I* would like to take stock of 2008 for the purpose of reminding us where we are and where we are heading. I am sure that you will agree with me that 2008 has been a most eventful year for the department. We have achieved some things but some more remain to be done. These events happened in the department in 2008.

We obtained official approval for our DrPH programme from the Ministry of Higher Education. This marks our first new programme in 10 years and was made possible by the tireless efforts of the PG team led initially by Dato' Noor Ghani and later by Dr Maznah. Congratulations to the PG team. We obtained official approval to convert our MPH/MMedScPH programme to a semester system. This marks a radical shift in the way we conduct our MPH and MMedScPH programme and breaks with 35 years of tradition. The change has been trialled in the 2008/09 academic session and will go full swing in the 2009/10 session. Congratulations to the PG team for this achievement.

We launched the Asia-Link programme in Nov 2007 and cemented our collaboration in 2008 with Utrecht, Oxford and Indonesia with more Asia-Link courses and collaborations. The first of the PhD fellows sponsored by the Asia-Link programme have already left for Utrecht (Dr Nirmala Bhoopathy) and Oxford (Dr Liew Su-May) and more are set to follow. We had three Asia-Link courses in 2008 and had Prof Paul Glasziou from Oxford over as well as the Dutch professors from Utrecht. We also hired a project officer to oversee the Asia-Link project.

We formed the first research centre in the department's history – the Julius Centre University of Malaya (JCUM). Congratulations to the JCUM team who have worked hard to make this happen. The renovations for the Julius Centre are about 75% complete and we intend to have a first-class research centre for epidemiology and EBM soon. More projects are in store for the Julius Centre, once we get the renovations out of the way. Five DrPH students specialising in epidemiology will be first to take advantage of the Julius Centre when the renovations are completed sometime in 2009.

We held our usual Family Day in April. The event was held for the first time outside the department in the Perangsang Templer Golf Club and funded by our Short Course Fund, to which so many people have contributed their time and money. The event was a great success and kudos must go to the team led by Dr Maznah and Dr Sanjay.

This academic year (2008/09), we received more international students than the previous year with 64% of the intake comprising international students from 11 countries around the globe. This is a record for the department and augurs well for our future.

We launched the UM Wellness Programme in June in the DTC which was officiated by the Deputy Minister for Higher Education. The subsequent screening programme in July/August attracted a total of 1500 staff who were screened for common illnesses. Congratulations to the Organising Committee and Dr Moy and her team who did such a brilliant job with the organisation and running of the launch and subsequent screening programme. We are continuing to improve the programme with follow-up clinics organised with the help of the Dept of Medicine and Dept of O & G.

For the first time ever, we had our first department retreat in Port Dickson in August where the academic staff deliberated on the strategic plan for the department. We will be putting this plan into action and hope to realise our dream of becoming a School of Public Health.

We organised and ran the 40<sup>th</sup> APACPH Conference in November. We did this in just 10 weeks, a feat unparalleled in APACPH history. Kudos to the Organising and Scientific Committee who did such a brilliant job and the other department staff who pitched in during the conference.

We organised 14 short courses, workshops and seminars throughout 2008, which is triple the number for 2007 and more than any other department in the Faculty of Medicine. Congratulations to the Networking and Special Functions team led by Associate Professor Retneswari for such seamless organisation and running.

Thanks to Dr Victor and now Dr Azlan, our website continues to draw international attention and we continue to get international applications because of our website. In 2008, our website moved to <http://spm.um.edu.my> to facilitate website maintenance.

We managed to attract more than RM800,000 in new research grants in 2008, increasing the amount of research funding available and increasing the number of research assistants in the department. One can feel that the research culture is now being ingrained in the staff and that the research culture is now a permanent feature of everyday activities. Congratulations to all researchers. We hope that your efforts will result in more publications for yourself and the department. We published a total of 20 journal papers, 23 abstracts, 31 proceedings and had chapters in 6 books for 2008.

Dr Maznah passed her viva in December with distinction, becoming the fifth academic staff currently to hold a PhD in the department. We hope her example will be followed by many others so that the future School of Public Health will become a reality sooner rather than later.

We successfully survived two ISO audits in 2008 without a single NC thanks to the efforts of Associate Professor Saimy and his Quality team. We survived the MQA accreditation exercise without mishaps thanks to the efforts of the Undergraduate team led by Dr Nabilla. We have rearranged the HOD Office layouts after suggestions by the Resources team led by Puan Sri Norlaili. Our only renovation this year was the JCUM which is still proceeding. Dr Tin Tin Su (our new Undergraduate coordinator) and her team have carried out a preliminary assessment and review of our current undergraduate teaching.

Several staff (Dr Ng, Dr Victor, Dr Mas, Dr Sanjay) were promoted to senior lecturers and I was promoted to full professor. Congratulations to these staff on their promotions. We hope that their success will spur others to do better and get promoted earlier. Dr Moy had earlier been appointed as senior lecturer in the department. During the year we welcomed new staff to our department and bade goodbye to some staff. To those who joined us, welcome to the department. To those who left us for various reasons, we wish you all the best.

I hope you will enjoy reading about our department activities and accomplishments in 2008 and we all look forward to more accomplishments in years to come.

Happy reading!

**Professor Dr Awang Bulgiba Awang Mahmud**  
**Head of Department**

## **Vision & Mission**

### **Vision**

To become the institution of excellence which will provide leadership in activities for the education, training, research, development, spread and provision of service in the domain of Public Health and in all the specialities associated with it.

### **Mission**

The Department views its mission at the undergraduate level as being charged with the responsibility, via the medical undergraduate instructional programme, for the preparation of the potential graduate to take up duties in the running of health programmes for the community in all parts of the nation and to be able to operate from the national health care service system effectively and efficiently (at the level of the medical officer).

The Department views its mission at the post-graduate level as being charged with the responsibility, via its post-graduate public health training programmes, to produce a doctor who may be considered as a professional and a specialist in the general domain of public health as well as in a particular chosen specialty within it.

The Department also considers its mission to share the knowledge and skills gained in its various activities with others who are interested. This is envisaged to be achieved in various ways including the conduct of short courses from time to time.

## **Review of the Year**

### **Seminars & Meetings**

#### **SOEM-MMA OH Seminar: Occupational Health Concerns of Radiation Workers**

The Society of Occupational and Environmental Health-Malaysian Medical Association Seminar on Occupational Health Concerns of Radiation Workers was held at the Grand Seasons Hotel, Kuala Lumpur on the 25th January 2008. The seminar was attended by health professionals from all over Malaysia including East Malaysia. The health professionals included Radiographers and Doctors who are involved with either medical surveillance of radiation workers or handling machinery with ionising radiation. The course was organised by Dr Victor Hoe as one of the society's events.



The opening and closing remarks was delivered by Associate Professor Retneswari Masilamani who was the Vice-Chairperson of the society. The lecturers included Professor Ng

Kwan Hoong from University of Malaya, Professor Ismail Bahari from Universiti Kebangsaan Malaysia, Ms. Marina Mishar from Atomic Energy Licensing Board and Richard Ee from Ministry of Health.



### **Julius Centre University of Malaya's Board of Studies Meeting 31 January 2008**

The Board of Studies of the Julius Centre University of Malaya (JCUM) conducted its first meeting on 31<sup>st</sup> January 2008 to discuss on the activities of JCUM. The board consist of members from the Faculty of Medicine and the Ministry of Health. Those present for this meeting were:

1. Prof Patrick Tan, the Deputy Dean of Faculty of Medicine;
2. Assoc Prof Awang Bulgiba, the Head of Department of SPM;
3. Datin Rugayah Bakri, Deputy Director Health Technology Assessment Unit, Ministry of Health;
4. Dr. Maimunah A. Hamid, Director of Institute for Health Systems Research, Ministry of Health;
5. Prof Dr Azad Hassan Abdul Razak, Head of Department of Surgery;
6. Assoc Prof Dato S. Noor Ghani, Dept of SPM;
7. Dr Sanjay Rampal, Dept of SPM ; and
8. Celine Quek, Dept of SPM



### **Julius Centre University of Malaya**

The Julius Centre University of Malaya was borne out of the collaboration between the University of Malaya (UM) and the University Medical Centre, Utrecht (UMCU). UMCU together with the Centre for Evidence-Based Medicine (CEBM), University of Oxford, the Rumah Sakit Cipto Mangunkusumo (RSCM) Hospital, Jakarta and UM had earlier won a bid under the Asia-Link project series funded by the European Union. The winning bid for this particular Asia-Link project was called the Asia-Europe Clinical Epidemiology and Evidence-Based Medicine project (fondly referred to as Asia-Link within JCUM) and required the collaboration of at least 2 European and 2 Asian partners. The project will last for 3 years (Nov 2007 to Oct 2010) and was officially launched on 19 Nov 2007 in UM. To further strengthen

the ties between UMCU as well as UM, it was decided by the SPM Department that the department would set up a centre which would further the collaboration beyond the remit of the Asia-Link project.

Professor Awang Bulgiba presented the proposal to create this centre to the UM Management and the centre was approved by the UM Management on 9 Jan 2008 and subsequently by the UM Senate in April 2008.

The aims of the JCUM are:

1. To carry out research in the field of epidemiology
2. To develop the field of epidemiology in Malaysia
3. To train medical staff in the field of epidemiology and medical statistics
4. To improve the quality of epidemiological research in Malaysia
5. To develop training and activity development programmes in epidemiology and medical statistics in the Faculty of Medicine, UM
6. To act as the centre for problem solving in research methodology and medical statistics in the country

The Faculty of Medicine kindly agreed to renovate a number of rooms within the SPM Department to house the centre. Renovation work started in late 2008 and is expected to be completed in early 2009. The renovations are expected to cost around RM100,000. When completed the JCUM is expected to have a visiting professor room, 2 work areas to house 12 doctoral students and 2 research officers, a server room and a meeting room.

Presently the JCUM members comprise the following:

Prof Awang Bulgiba Awang Mahmud (SPM)  
Dr Noran Naqiah Hairi (SPM)  
Dr Mas Ayu Said (SPM)  
Dr Sanjay Rampal (SPM)  
Dr Victor Hoe Abdullah (SPM)  
Dr Claire Choo Wan Yuen (SPM)  
Dr Moy Foong Ming (SPM)  
Mr Mohd Roshidi Ismail (SPM)  
Dr Liew Su-May (Primary Care Medicine)

The associate members of the JCUM are:

Professor Yolanda van der Graaf (UMCU)  
Professor Diederick Grobbee (UMCU)  
Professor Arno Hoes (UMCU)  
Professor Paul Glasziou (CEBM)

The membership of JCUM is expected to grow in 2009 with more people realising the advantages of having affiliations with JCUM.

The first project officer hired under the Asia-Link programme was Ms Celine Quek She Lin. She served as project officer from January to March 2008 and was succeeded by Ms Aimi Naira Mat Ruzlin who served from April to December 2008. Ms Aimi left to pursue her studies at the end of 2008 and she was succeeded by Ms Hamizwanis Abdul Hamid.

The activities of the JCUM are:

1. Managing research activities in the field of clinical epidemiology and evidence-based medicine.
2. Managing the Asia-Europe Clinical Epidemiology and Evidence-Based Medicine Programme.
3. Short courses in the field of clinical epidemiology and evidence-based medicine.
4. Student exchange programmes amongst PhD candidates between Utrecht, Oxford and Jakarta.
5. Development of curriculum in the field of clinical epidemiology and evidence-based medicine.
6. As a reference and advisory centre in the field of clinical epidemiology and evidence-based medicine.

Since its inception, the centre has been active in carrying out activities under the Asia-Link programme. These activities include maintaining the Asia-Europe CE & EBM website (<http://www.asialink-ce.org>), organising short courses (with UMCU, CEBM and RSCM partners), selecting PhD fellows destined for UMCU and CEBM Oxford and coming out with the clinical epidemiology and evidence-based medicine module for the MBBS programme. Two PhD fellows were selected for 2008 under the Asia-Europe Clinical Epidemiology and Evidence-Based Medicine Programme. They were Dr Nirmala Bhoopathy and Dr Liew Su-May. Dr Nirmala is currently in UMCU and Dr Liew is currently in CEBM Oxford. The following activities were carried out by the Julius Centre since its inception.

Date	Event
17 Nov 2007	Launch of Asia-Link program in KL
18-20 Nov 2007	First Asia-Link course in UM (Diagnostic Research - Theory and Practice)
1 Jan 2007	UM project officer hired
Feb 2008	First Alliance newsletter

14 Apr 2008	First round of Asia-Link PhD interviews
14-16 Apr 2008	Second Asia-Link course in UM (The Practice of EBM)
Aug 2008	Second Alliance newsletter
Sept 2008	First batch of PhD fellows (Nirmala for UMCU and Su-May for CEBM Oxford)
	CE module agreed and being finalised
13 Oct 2008	Second round of Asia-Link PhD interviews
15-17 Dec 2008	Third & fourth Asia-Link courses in UM (Clinical Trials & Prognostic Research)

The first, third and fourth Asia-Link courses were conducted with the assistance of our UMCU partner while the second Asia-Link course was conducted with the assistance of our CEBM partner.

For 2009, JCUM is expected to mature further. JCUM is expected to house 2 PhD and 4 DrPH students beginning in the 2009/10 session. One of the activities of the JCUM will be the incorporation of CE and EBM into the undergraduate curriculum, which it is expected to be carried out in 2009. A wellness cohort study and CVD cohort study are being planned for 2009.

The future is bright for JCUM as it is an officially recognised research centre in the Faculty of Medicine and is expected to grow to be the referral centre for epidemiology and evidence-based medicine in Malaysia.

### **Asia-Link Stakeholder's Meeting in Manila**

Associate Professor Awang Bulgiba attended the Asia-Link Stakeholders' Meeting and Asia-Link Symposium in Manila from 21st to 24th February 2008 as the sole representative of UM. The meeting was aimed at presenting Asia-Link projects to stakeholders of Asia-Link grants and resulted in very useful knowledge of Asia-Link collaborations. Associate Professor Awang Bulgiba also managed to talk to a number of academicians from the Philippines, India, Pakistan, Nepal, Bhutan, France, Italy and Austria during the meeting and symposium. A lot of potentially



useful contacts were made with people from other countries and a lot of networking was accomplished during that time.



### **Asialink Meeting - 14-15 April 2008**



A meeting was held in the Department of SPM between representatives from the Julius Centre, University Medical Centre, Utrecht and Centre of Evidence Based Medicine, University of Oxford on the 14 and 15 April 2008. The meeting was to discuss on the Memorandum of Agreement (MOA) on the Asialink project: "Asia Europe Clinical Epidemiology and Evidence-Based Medicine Programme" and on the planning of the programme for the next three years.

Those present at the meeting included Professor Diederick Grobbee, Professor Arnoe Hoes, Professor Graaf Yolanda, and Marco Perdon from the University Medical Centre Utrecht, Professor Paul Glasziou from the Centre of Evidence Based Medicine, University of Oxford, Dr Helena M Verkooijen the Asialink project Manager, and representative from the Faculty of Medicine, University of Malaya.

### **Seminar on "Effective and Efficient Disaster Management"**

The Department successfully organised the seminar on "Effective and Efficient Disaster Management" on 23rd July 2008 in the Faculty of Medicine, University of Malaya. The seminar was officiated by Professor Ikram Shah, the Dean of the Faculty of Medicine, University of Malaya. The speakers for the conference included both International and local experts in disaster management from Universities, Government agencies and Multinational companies.

The participants for the conference included postgraduate students from the Faculty of Medicine, healthcare practitioners, both from the public and private sectors.

During the seminar, the following topics were discussed:

1. Introduction to Disasters and Management

2. Malaysian Disasters and Management
3. Community Based Disaster Preparedness
4. Disaster Evaluation and Management
5. Industrial Disasters and Management
6. Trauma Management in Disasters
7. Detoxification of Chemical Pollutants in Disaster Management
8. Motor Vehicle Disasters and Management

## **People & Events**

### **Professor Awang Bulgiba as external examiner for USM**

Prof Awang Bulgiba was invited to be the external examiner this year for the MSc in Medical Statistics for Universiti Sains Malaysia (USM). He examined the dissertations of 6 candidates in that program and held an oral examination for them on April 22 and 23 in Kota Baru, which is the health campus of Universiti Sains Malaysia. He also held discussions with our counterparts from the Department of Community Medicine in USM and exchanged ideas on postgraduate education. He thinks there is great scope for collaborations with our counterparts from USM, which despite their distance have always maintained close relations with the SPM Department.



### **Master candidates orientation**

The new Master of Public Health and Master of Medical Science in Public Health candidates had their orientation session on the 29th and 30th May 2008 which was organised by the University. The candidates were also briefed by the Department of SPM's Postgraduate Unit which was followed by tea.

### **Lecture on Ergonomics and Healthy Work Practice during OSH week**

Dr Victor Hoe Chee Wai was invited by the Chemistry Department Malaysia to participate in the Occupational Safety and Health Week Programme. He spoke on the topic "Ergonomics and Healthy Work Practice". The talk was held at the Chemistry Department's Forensic Building in Petaling Jaya on 9th July 2008. It was attended by over 30 participants who were from all levels of staff from the Chemistry Department.



## **Lecture on "What is in your smoke?" at the launch of the Faculty of Engineering's anti smoking campaign**

Dr Victor Hoe Chee Wai was invited to deliver a lecture on dangers of tobacco smoking during the launch of the Faculty of Engineering's "Tak-Nak" or the Anti Smoking campaign. The campaign was launch by the Professor Md Ghazaly Shaaban who is the Dean of the Faculty of Engineering. The campaign was scheduled to run from 13th August till 27th August with various interesting activities. The event was attended by both staff and students from the Faculty of Engineering.



## **Talk on "Medical Research in a New Country - the UAE" by Professor Aw**

Professor Aw Tar-Ching the external examiner for the MBBS Phase IIIA examination presented a paper on "Medical Research in a New Country - the UAE" during the Wednesday morning clinical talk at the Clinical Auditorium in the University of Malaya Medical Centre. The session was chaired by Associate Professor Retneswari Masilamani from the Department of SPM. Professor Aw is Professor of Occupational Medicine and the Chair, Department of Community Medicine from the Department of Community Medicine, Faculty of Medicine and Health Sciences, United Arab Emirates University in UAE.



Professor Aw started by giving a brief description of the country, the UAE, and followed with a talk on research in general and also the issue of research in UAE in particular. He also touched on collaborative effort between his University and other National and International organisations on research matters. Prof Aw stressed that there is opportunity for collaborative research between his university and the University of Malaya.

## **Workshops & Courses**

### **Multiple Logistic Regression in Medical Research**

The course on Multiple Logistic Regression in Medical research was held in the SPM Computer Laboratory from 13 February to 14 February 2008. The one and a half day course was designed to educate participants in the correct use of multiple logistic regression , using the SPSS software for their research in the medical field. The main faculty for this course was Assoc Prof



Awang Bulgiba who delivered his lectures and had hands-on sessions for the participants.

The participants included Master of Public Health and Master of Medical Science in Public Health candidate as well as professors, lecturers and students from the Faculty of Medicine and other faculties in University of Malaya.

### **Survival Analysis in Medical Research**



The course on Survival Analysis in Medical research was held in the SPM Computer Laboratory from 14 February to 15 February 2008. The one and a half day course was designed to describe the various methods used for modelling and evaluating survival data, also called time-to-event data; it included survival and hazard functions, Kaplan-Meier graphs, log-rank and related tests, and Cox proportional hazards model. The main faculty for this course was Dr Sanjay

Rampal who delivered his lectures and had hands-on sessions.

The participants included Master of Public Health and Master of Medical Science in Public Health candidates as well as professors, lecturers and students from the Faculty of Medicine.

### **Hospital Cost Accounting**

The course on Hospital Cost Accounting was held at the SPM Computer Laboratory on 17 and 18 March 2008. The two day course dealt with the process of calculating costing for a hospital. It gives an overall view of the methodology for analysing hospital costs and the different manner in which this information can be applied, including costing exercises for cost-effectiveness and cost-utility analyses as well as costing in the context of case-mix reimbursements. The faculty even threw in "kitchen sink and cooker" scenario. The main faculty for this course was Dr Ng Chiu Wan and Dr Maznah Dahlui who delivered their lectures and had hands-on sessions.



The participants included Master of Public Health and Master of Medical Science in Public Health candidates as well as lecturers and students from the Department of Community Dentistry, Faculty of Dentistry.

### **Logistic regression using SPSS (27-28 March 2008)**

Prof Awang Bulgiba conducted a one and half day workshop on logistic regression using the SPSS software. The workshop was organised by the SPSS Users Group and took place at the SPSS Training Centre Plaza Mont Kiara on 27 and 28 March 2008. A total of 9 participants took part in the workshop. The participants had the benefit of small group teaching and hands-on

experience with logistic regression using SPSS. Participants were taken through the theory part of logistic regression, practical aspects of logistic regression and were required to complete an exercise in analysing data using SPSS.

## The Practice of Evidence Based Medicine

The workshop on Practice of Evidence Based Medicine was held from 14-16 April 2008 at the Faculty of Medicine, University of Malaya, Kuala Lumpur. The workshop was organised by the Department of Social and Preventive Medicine with the collaboration from and the Centre of Evidence Based Medicine, University of Oxford. It was attended by healthcare professionals from the University of Malaya, Ministry of Health Malaysia, Melaka Manipal Medical College, University Malaysia Sabah and Aga Khan University.



The main faculty was Professor Paul Glasziou from the Centre of Evidence Based Medicine, University of Oxford. He was assisted by Dr Bambang Tridjaja and Dr Indah Widyahening from the Faculty of Medicine, University of Indonesia, and Dr Liew Su-May, Dr Mas Ayu, Dr Sanjay Rampal and Dr Victor Hoe from Faculty of Medicine, University of Malaya.

## Scientific Writing for Publication Workshop (26-29 April 2008)

Prof Awang Bulgiba was invited by the Ministry of Health to conduct a workshop in Gems Beach Resort in Kuala Terengganu together with Prof Looi Lai Meng, Prof Sarinah Low and Prof Ng Kwan Hoong. The workshop was on Scientific Writing for Publication and was co-organised by the Kuala Terengganu District Health Office. The workshop was conducted over 4 days (26-29 April 2008) and Prof Awang's session was on 27 April. There were 60 participants of various job categories. Prof Awang Bulgiba spoke on how to write the statistical results of a journal publication and conducted an exercise with the participants on interpreting and presenting results.



## Using Endnote X1: A One-day Workshop on 7 May 2008

The 7th of May saw yet another successful seminar conducted on “ENDNOTE” by the Department of Social and Preventive Medicine (SPM), Faculty of Medicine, University of Malaya.

The workshop took off with an introduction by Professor Dr Awang Bulgiba Awang Mahmud, the Head of the Department of SPM, on bibliography software and Endnote. Though there have been other bibliography software being used lately, Endnote has been taken up well

because it has been recommended by University Malaya and also appears much more user-friendly.



Dr Moy Foong Ming enlightened everyone with the manual data entry and deleting methods, furthering on managing the libraries. She focused on creating, deleting and copying from one library to another and the interesting session was learning to edit styles from one to another based on one's needs and requirements. Searching an online database directly from Endnote was an added information to the earlier manual method.

Prof Awang kept all the participants captivated on how to import citations from ScienceDirect, download full-text and link files from citations using Endnote. Prof Awang also demonstrated on how to import Reference Manager Database and PubMed citations into Endnote.

Other sessions followed, enabling participants to insert citations into a word document, change styles and create an unformatted reference list.

The afternoon 'Hands-On' sessions kept everyone busy till the end as the exercises were as challenging as ever with some of the participants facing internet 'hiccups'. Everyone tried their best to learn as much as they could, as it appeared so useful to the participants, where Endnote seemed relevant to the groups who were mainly researchers within and outside the Medical Faculty.



There was an overwhelming response and good feedback from the participants to this courses and the Department of SPM plans to conduct another in the near future.

### **Short course on Quality Management in Health Care**

A short course on "Quality management in health care" was conducted in the Department of Social and Preventive Medicine on 18th -19th August 2008. The course was jointly organized by Institute of Health System Research, Ministry of Health, Malaysia and Department of Social and Preventive Medicine, University of Malaysia. The overall objective of this course is to enable health professionals to understand and apply the concepts and principles of quality and quality management. This course will prepare participants to take an active role in quality improvement in their health care setting.

There were altogether (31) course participants. Majority of participants were MPH and MMedSc (PH) students. The rests were from Ministry of Health, Sri Kota Medical Centre and MOHAS College.

***The introductory lecture on quality in health care*** was conducted by AP Saimy B Ismail (Department of Social & Preventive Medicine). The lecture covered the concepts, terminology and historical overview of quality in health care. ***Quality cycle and principles of quality in Health care*** lecture was given by Mr. Ramli Zainal (Institute of Health Systems Research). It focused on steps of the quality cycle and application to quality improvement project. ***Measuring and evaluating quality*** was taught by Dr. Tin Tin Su (Department of Social & Preventive Medicine). The topic covered tools to measure and evaluate quality management programme and data collection methods.



Prof. Maimunah A. Hamid (Institute of Health Systems Research) led the questions and answers session, and introduced the group work. The participants were divided into four groups and worked different case studies.

***Quality Management Approaches and Framework*** lecture was given by Dr. Siti Haniza Mahmud (Institute of Health Systems Research). The framework for quality of care assessment and issues in licensure, certification, credentialing and accreditation were discussed. Dato' Dr. Sirajoon Noor Ghani (former Associate Professor, Department of Social & Preventive Medicine) gave the lecture on ***quality culture – institutionalization and sustaining quality***. The lectures focused on practical issues in implementing and improving quality in the health care setting.

The participants continued group work and presented their deliberations. All lecturers were involved in the group's presentation, discussion and evaluation sessions.

Almost all participants were highly satisfied with the course contents and management. The course fulfilled their expectation and increased new and relevant knowledge on quality in health care. The participants highly recommended conducting similar courses in future. Some suggestions are, to focus more detail on implementing quality, cover more topics and combine with field excursion. The MPH and MMedSc students suggested that such short courses should not be conducted during the semester breaks.

We applied for CME accreditation for this course to the secretariat at the Malaysian Medical Association. Six credit points under category IC will be accredited for each participant. Three Credit Points under Category 3B (a) will be given to the Speakers.

### **Basic Biostatistics Course at University Malaysia Sarawak (UNIMAS) on 16-17 August 2008**

Professor Dr Awang Bulgiba Awang Mahmud and Mohd Roshidi Ismail conducted a Basic Biostatistics Course at University Malaysia Sarawak (UNIMAS) on 16th and 17th August 2008. Organised by the Clinical Research Centre (CRC), Hospital Umum Sarawak, the course aims to

provide basic theory and practical skills on biostatistics for clinicians and researchers in health or medical fields from both CRC and UNIMAS.



### **Dept of SPM's Strategic Planning Workshop 8th - 10th August 2008**

The Department completed the development of documents for the Malaysia Quality Framework (MQF) for the Master of Public Health, Master of Medical Science in Public Health and Doctor of Public Health, and the Strategic Planning Workshop in Corus Paradise Resort Port Dickson from the 8 - 10 August 2008. The Department managed to engage the expertise of Professor Aw Tar-Ching the Professor of Occupational Medicine and the Chair, Department of Community Medicine from the Department of Community Medicine, Faculty of Medicine and Health Sciences, United Arab Emirates University in UAE who has extensive working experience in institutions in United Kingdom and other worldwide organisations. Dato Dr S. Noor Ghani who was previously the head of the Postgraduate Section with the Department were also roped in for his extensive expertise in the field of medical training, both at the university and Ministry of Health Malaysia.

The workshop started with team building activities and identifications of current and future issues within the Department, followed on the second day the development of the MQF documents and then the strategic planning. The workshop has managed to develop the Department of Social and Preventive Medicine Strategic Plan for the next 10 years.



## Asia Europe Clinical Epidemiology Workshops on Clinical Trials and Prognostic Research

The Asia Europe Clinical Epidemiology workshops on Clinical Trials and Prognostic Research were successfully conducted on 17 December 2008. The three days workshop was held at the Department and attended by participants from various agencies including the Faculty and Ministry of Health.



## Statistics and EBM for psychiatrists

Prof Awang Bulgiba and Dr Mas Ayu conducted a 2-day course for psychiatrists from all over Malaysia from 13-14 December 2008 at the Damai Laut Swiss-Garden Resort in Lumut, Perak. The course was attended by 20 psychiatrists from all over the country. The topics covered included basic statistical analysis and the use of PICO and RAMmBO in systematic review.



## **Special Reports**

### **Centre for Clinical Epidemiology & EBM**

As part of the Asia-Link Programme there will be three PhD fellowships for academic staff from the Faculty of Medicine, University of Malaya who are interested to conduct research in the field of Clinical Epidemiology

AsiaLink CE&EBM is offering ten PhD fellowships with the intent to train and create future leaders in Clinical Epidemiology and Evidence Based Medicine in the region and beyond.

We invite talented young medical doctors to apply for a PhD fellowship in order to deepen their knowledge and expertise in (specialised areas of) clinical epidemiology at an international level. Ten PhD fellows (five from the University of Malaya and five from RS Cipto Mangunkusumo Hospital /University of Jakarta Indonesia) will be recruited. Selected PhDs will be offered distance and face-to-face guidance and support by experts from the University of Oxford and the University Medical Center Utrecht (the Netherlands).

#### **Programme description**

PhD fellows will be supported and mentored by experts from the University of Oxford and the University Medical Center Utrecht in defining their research questions, study design, topic selection, data collection, statistical analysis and reporting of main results. The operational part of the research project (data collection) will typically take place in Malaysia and Indonesia. Candidates may, however, take advantage of major data sets available with the European partners. For the educational part, the PhD fellow will attend advanced courses, both in Asia and in Europe. Complementary to being trained, the fellow will learn how to teach others. The research training in Europe will take approximately 12 months to complete depending on previous experience and training.

#### **Conditions**

- Candidates are preferably young, talented medical doctors who have shown an interest in clinical research in the past.
- The PhD fellowships should be considered individual grants. Candidates send in their own research proposal together with their Curriculum Vitae (according to template).
- The application will be accompanied by a letter of recommendation from head of department. This letter will indicate that the candidate will be protected from clinical work for a certain amount of time during his / her fellowship (minimum of 20%).
- AsiaLink CE&EBM will cover travel costs to and from Europe as well as costs of living for the time spent in Europe. Costs related to research are not covered by AsiaLink CE&EBM

## Chemical Health Risk Assessment in HKL

Chemical Health Risk Assessment (CHRA) is one of the requirements under the Occupational Safety and Health (Use and Standards of Exposure of Chemicals Hazardous to Health) Regulation 2000. Dr Victor Hoe who is a registered Chemical Health Risk Assessor with the Department of Occupational Safety and Health conducted a walk-thru survey in Hospital Kuala Lumpur on the 17 January 2008 as part of the CHRA.



## Institute of Postgraduate Study Open day

The Institute of Postgraduate Studies (IPS) had their first Open Day for postgraduate students for the year on the 15<sup>th</sup> February 2008. It is held twice a year for the various Faculties and Institutions within University Malaya to display their postgraduate programmes. The event was held at the IPS building within University of Malaya.

The Faculty of Medicine's booth was manned by staff from the Department of Social and Preventive Medicine and staff from other departments. Professor Patrick Tan, the Deputy Dean for Postgraduate Studies for the faculty, was also present managing the booth. There were quite a number of enquiries on the Master of Medical Science in Public Health programme offered by the SPM Department and also the Master of Medical Science by research and the Doctor of Philosophy programmes.





### **Institute of Postgraduate Studies Open Day 22 August 2008**

The Institute of Postgraduate Studies (IPS) had the second Open Day for postgraduate students on the 22nd August 2008. The event was held at the IPS building within University of Malaya.

The Faculty of Medicine's booth was manned by staff from the Department of Social and Preventive Medicine. There were quite a number of enquiries on the Master of Public Health and Master of Medical Science in Public Health programmes. The Department also distributed the Doctor of Public Health brochure; the programme will be offered from the 2009 academic session.

### **The 3rd Regional Conference on Occupational Health 2008**

The 3rd Regional Conference on Occupational Health 2008 was held at the Hilton Hotel Petaling Jaya from the 3-5 April 2008. Associate Professor Retneswari and Dr Victor Hoe were in the organising committee. They were also the chairperson for the presentation and free-paper sessions. Besides that Associate Professor Retneswari also presented a paper on "Tuberculosis among Health Care Professionals" and during the free paper session a paper on "Knowledge on Occupational Safety and Health among Healthcare Professionals in Malaysia. Dr Htay Moe, Dr Azlan Darus, Dr Anselm Su Ting and a number of our MPH graduates also attended the conference. The conference was officiated by the Honourable Minister of Human Resource Malaysia Datuk Dr S. Subramaniam and the keynote address, "Occupational Health: Towards a Healthy Workplace" was delivered by the Director General of Health Malaysia, Tan Sri Datuk Dr Hj Mohd Ismail Merican. Professor Malcolm Sim the external examiner for the MPH(Occupational Health) Part II examination delivered a lecture on "Workplace Health Surveillance and the Role of Biological Monitoring".



Overall the conference was a success in terms of gaining knowledge, establishing and re-establishing international linkages.

The free-papers from the department were:

1. Occupational Safety and Health among Health Care Workers in a Teaching Hospital. Darus A, Rosnawati MR, Lugah V, Ganesh B, Sujatha D, Retneswari M.
2. A Cross Sectional Study on Hand Arm Vibration Syndrome among a Group of Construction Workers in Malaysia - A Preliminary Finding. Su



AT, Hoe VCW, Retneswari M, Htay Moe.

3. Knowledge on Occupational Safety and Health among Healthcare Professionals in Malaysia. Lugh V, Ganesh B, Retneswari M, Darus A, Rosnawati MR, Sujatha D
4. Occupational Safety and Health among Health Care Workers in a Health Care Institution in Malaysia. Sujatha D, Darus A, Retneswari M, Rosnawati MR, Veronica L, Ganesh B, Jayakumar G.

### **Family Day - 19 April 2008**

The Department of SPM and the students successfully organised the "Family Day" on the 19<sup>th</sup> April 2007 at the Perangsang Templer Golf Resort in Templer's Park, Selangor. The event was attended by more than 100 participants, who consisted of staff of the SPM Department and the Master of Public Health, Master of Medical Science in Public Health and Master of Public Health Speciality students, and also their families. Even former department staff, Professor John T Arokiasamy, the former head of department was present. The event started with the morning exercises. The activities for the day were:

1. Morning exercises
2. Treasure Hunt
3. Adult Tele-match
4. Children Tele-
5. Futsal



match

Besides those events there were a lot of other activities and both the family and children had great fun. The "Family Day" ended with prize giving for winners of all the events and also lucky draw.



## Organisation & Management of Health Services

The Debriefing session for the Organisation and Management of Health Services (OMHS) Programme was held on the 28th and 30th May 2008. OMHS is one of the two field programme which is conducted by the SPM Department for the MBBS undergraduates. The students were divided into 8 groups and were posted to different districts to study the health services. The areas included rural, semi-urban, urban and metropolitan districts.



1. Kuala Lumpur
2. Putrajaya
3. Kuala Selangor
4. Petaling
5. Melaka Tengah
6. Jempol
7. Klang
8. Port Dickson

The presentations were divided into two parts; the first is the presentation on the Organisation and Management of Health Services in the District, and the second is on special projects or focus areas. The focus areas included,

1. Quit Smoking Clinic
2. Quality Management System
3. Iodine Deficiency Survey
4. Dengue Control Programme
5. PROSTAR
6. School Dental Programme
7. Community-based Programme for Management of Psychiatric Patients
8. Modified COMBI Programme



The briefing included prizes for the top three presentations, the group from Petaling won the Third Place, the group from Kuala Lumpur the Second Place and the champion was the group from Port Dickson.

## NUS and UM Annual Golf Tournament held from 05-07 May 2008

This annual Golf Tournament between National University of Singapore (NUS) and University of Malaya (UM) is for the Tunku Chancellor Trophy, first played in early 70's. This year the tournament was held from the 5th - 7th May 2008 in Singapore. Two games were played at two different courses in Singapore. NUS was led by their Chancellor, His Excellency President

S R Nathan and UM by HRH Tuanku Azlan Shah. There were 120 golfers from the two sides who took part. UM managed to retain the trophy and our own Associate Professor Saimy Ismail was the golf captain.



### **Launching of the UM Wellness**

The UM Wellness Programme was launched by the Deputy Higher Education Minister Dr Hou Kok Chung on the 24 June 2008 at the DTC in University of Malaya. The programme is part of the effort of University of Malaya to show that it cares for the health of its staff. The programme kicked off with a morning aerobics exercise which was attended by all the VIPs, including the Deputy Minister and the Vice-Chancellor Datuk Rafiah Salim.



As part of the programme and to encourage the staff to be more proactive in managing their own health, the UM wellness portal was also officiated during the ceremony, the portal includes information on health and diseases and the staff can enter their own information including blood results, weight, height and medical results so that they will be empowered to manage their own health. The UM wellness site can be found at

<http://wellness.um.edu.my>.

The Department of SPM including the Masters students were involved in the preparation and managing the exhibition booths. There were 20 exhibition booths and two health buses from the LPPKN and National Kidney Foundation which have fully equipped health screening facilities for chronic diseases and cancers.



### **Report of the First Screening in the UM Wellness Program**

The health screening was opened to all UM staff aged 40 years and above. A total of 1281 out of 2430 eligible staff participated in the screening conducted by the staff and postgraduate students (MPH) of the SPM Department, from 15 July to 29 August 2008. The characteristics of staff who participated in the program are as shown in Figure 1. Majority of

the participants were in the overweight /obese categories (Figure 2). Only one third of them were having healthy range of total cholesterol (Figure 3)

All the results were uploaded into the Wellness webpage (<http://wellness.um.edu.my>) and about 700 participants have registered with the webpage and assessed their results. Those who had no access to the internet had their results sent out through internal mail. Participants who had abnormal levels of health indicators were referred to the Wellness clinic in UMMC which was set up and run by the Department of Medicine, UM. While those with borderline health indicators are invited to attend programs such as road shows, talks and exhibition which will be conducted throughout the year. A road show will be conducted on 7 and 8 January 2009 for these participants.

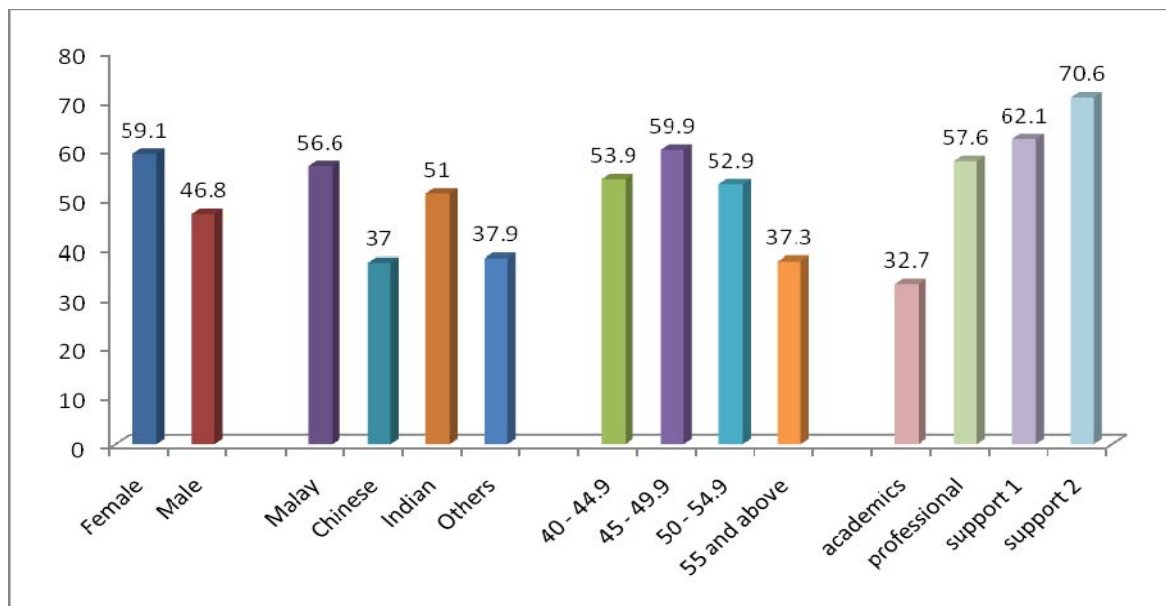


Figure 1: Characteristics of participants of the UM Wellness Program

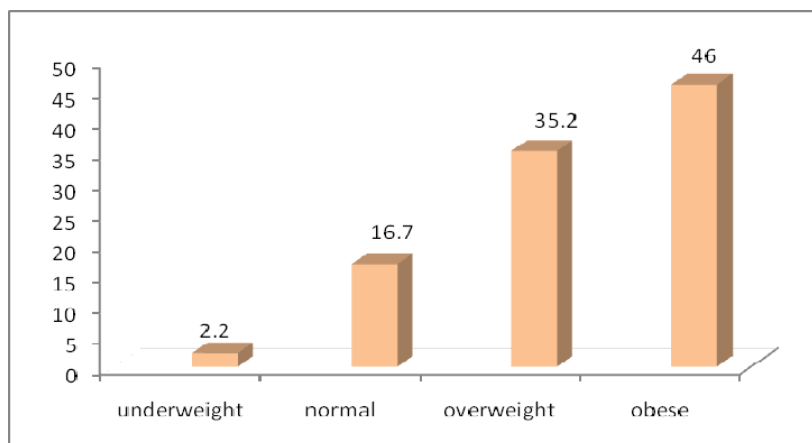


Figure 2: Weight status according to Body Mass Index

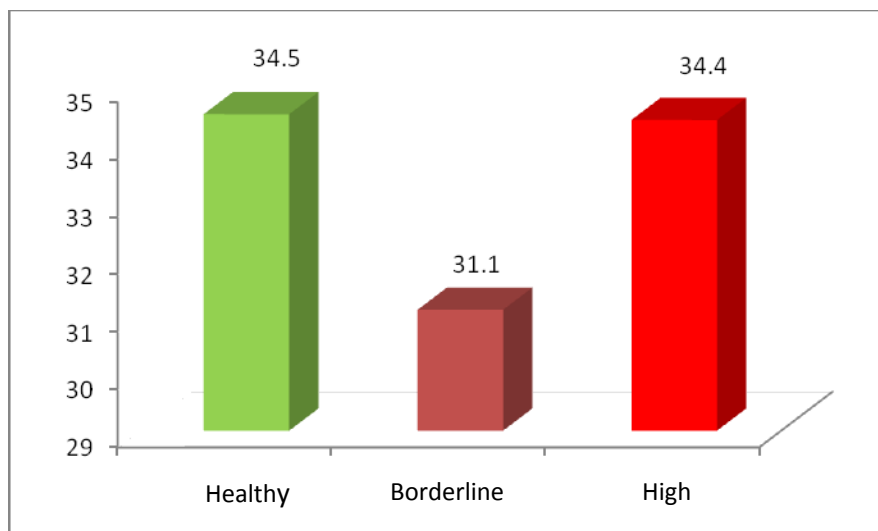


Figure 3: Cholesterol levels of UM Wellness Program participants

### **MPH and MMedSc(PH) Orientation Programme 17th-20th June 2008**

The department organised an orientation programme for the new Master of Public Health and Master of Medical Science (Public Health) candidates from the 17th-20th June 2008. They were assigned to six groups. This grouping will be used for their assignment and discussion activities during the coming year. The orientation programmes included ice-breaking activities, group work and games for the candidates to get to know each other and there were even prizes given for some of the activities.



This year there were 50 candidates who registered for the postgraduate programmes, this included the Master of Public Health and Master of Medical Science in Public Health programmes. There were 18 Malaysians and the rest were from various countries in Asia and Africa. They included 17 from Sudan, six from Nigeria, three from Iraq, two each from Arab Saudi and Iran, and one each from Myanmar, China, Bangladesh, India, Somalia and Yemen.

## **International Conference On “Civilization Values, Environment And the Future of Civilization” , 3 -4 June, 2008.**

Dr. Htay Moe from SPM attended the International Conference On “Civilisation Values, Environment and the Future of Civilisation” as invited speaker. He gave a talk on **“Health and Environmental Hazards of Flash-floods in Kuala Lumpur: Prevention and Control”** under the Session: Examination of Scientific Urgency of Environmental Conservation from the Perspectives of Biodiversity, Ecosystem and Human Health”.



The conference was held at the Shah Village Hotel, Petaling Jaya and was organised by the University of Malaya, Centre For Civilisation Dialogue.

The conference was officially opened by YBhg. Datuk Rafiah Salim, the Vice-Chancellor of the University of Malaya. It was also followed by the introduction of book entitled “A Moral Climate: The Ethics of Climate Change” which was written by

the author, Professor Dr. Michael S. Northcott, New College of the University of Edinburgh during the conference.



## **International Conference on Indigenous People 2008, on 29 July 2008**

Dr Victor Hoe, Dr Ng Chui Wan, Dr Maznah Dahlui, Dr Sanjay Rampal, Dr Moy Foong Ming, Dr Choo Wan Yuen, Dato Dr S. Noor Ghani, Puan Sri Dr Noorlaili Abdul Aziz and Roshidi Ismail were invited to present a paper on "Public Health Policies and the Indigenous People of Malaysia" at the International Conference on Indigenous People 2008

on the 29th July 2008.

The conference was organised by the Centre for Poverty and Development Studies (CPDS) of the University of Malaya from the 29th - 31st July 2008. The conference was held at the Faculty of Economics and Administration lecture hall.

## **University of Malaya Awards Ceremony 2008**

The department would like to congratulate the staff who were bestowed with the Awards for Loyalty in Service, Excellence of Service and Certificate for the services rendered in 2007 during the Awards ceremony at DTC, University Malaya on the 21 August 2008.

Lee Pek Ling was awarded the Award for Loyalty in Service, for the service she has rendered to the University of Malaya during the last 30 years. Associate Professor Retneswari Masilamani and Nor Zurina Zainol received the Excellence of Service Awards. Dr Ng Chiu Wan,

Dr Noran Naqiah Hairi, Dr Sanjay Rampal, Wee Bee Suan and Nur Fadhlina Othman received the Excellence of Service Certificates.

### **University of Malaya Convocation 2008**

The Department would like to congratulate all the Master of Public Health, Master of Medical Science in Public Health, Master of Public Health (Occupational Health), Master of Public Health (Epidemiology) and the Master of Public Health (Family Health) graduates who convoked during the University Malaya Convocation 2008 on the 5 August 2008. The Department would specifically like also to congratulate the staff of the Department, Dr Marzuki Isahak and Dr Rafzah Ahmad Zaki who obtained the Master of Public Health, Mr Roshidi Ismail who obtained the Master of Medical Science in Public Health and also Dr Victor Hoe Chee Wai who obtained the Master of Engineering (Safety, Health and Environment). Dr Victor Hoe completed his MEng (SHE) on a part-time basis while still continuing his duties as Senior Lecturer with the Department.

The Department has been conducting the Master of Public Health (MPH) programme since 1973 and the first batch graduated in 1974. During the UM Convocation 2008 there are 37 graduates in MPH, 13 graduates in Master of Medical Science in Public Health, four graduates in MPH (Epidemiology), five graduates in MPH (Occupational Health) and six graduates in MPH (Family Health).



The MPH and Master of Medical Science in Public Health graduates include both local and international graduates. The international graduates come from Sudan, Kingdom of Saudi Arabia, Myanmar, Nigeria and Libya.

### **42nd Malaysia Singapore Congress of Medicine, 31st July - 3rd August 2008**



Professor Awang Bulgiba and Dr Victor Hoe were inducted as ordinary members to the Academy of Medicine of Malaysia in conjunction with the 42nd Malaysia-Singapore Congress of Medicine, which was held in the Shangri-La Hotel, Kuala Lumpur from the 31st July to 3rd August 2008. During the congress Dr Victor Hoe and Dr Moy Foong Ming from the Department along with Professor Christina Tan and Professor Rosmawati Mohamed from Faculty of Medicine also presented a paper on "The Cardiovascular Risks among Shifts and Non-Shifts Workers in a Public Medical Centre in Kuala Lumpur

## **42nd Malaysia-Singapore Congress of Medicine Pre-congress workshop on Critical Appraisal, 31 July 2008**

Dr Sanjay Rampal along with Associate Professor CL Teng from the Department of Family Medicine, International Medical University, delivered several lectures during the 42nd Malaysia-Singapore Congress of Medicine Pre-congress workshop on Critical Appraisal at Shangri-La Hotel in Kuala Lumpur on the 31 July 2008. Dr Mas Ayu and Dr Victor Hoe were also present as facilitators.



## **Visit to the University Medical Centre, Utrecht 16-20 November 2008**

Prof Awang Bulgiba together with Prof Hamimah Hassan (Undergraduate Deputy Dean) and Prof Christina Tan were invited to visit the University Medical Centre, Utrecht (UMCU) in the Netherlands in November. They flew to Utrecht on 15 November, 2008 and spent a few days in Utrecht as a guest of the UMCU. The programme was to visit the participants of UMCU's student exchange programme, which had been going on between UM and UMCU for the past 1 year. Ten participating countries are currently involved in this student exchange programme which benefits participating institutions bilaterally. Prof Awang Bulgiba and colleagues were in Utrecht from 16-20 November 2008. They spent time visiting the UMCU and attended presentations as well as gave presentations on the role of UM and its collaborations with other countries. The delegation had many formal and informal discussions with various deans and deputy deans from the 10 participating countries. Participating countries included Australia, South Africa, Tanzania, Malawi, Canada, Argentina, Nicaragua, India, Malaysia and of course The Netherlands. The visit was a very fruitful one in view of the collaborations between UM and UMCU over the last few years in the field of clinical epidemiology and now in the elective student exchange programme.





### APACPH conference (7-9 November 2008)

The conference and the pre-conference workshop was successfully completed and nearly 300 participants from more than 25 countries attended the 40th APACPH Annual Conference in Kuala Lumpur. The sponsor, the Asia-Pacific Academic Consortium of Public Health (APACPH) comprising of 64 member universities in 20 countries and the Organiser would like to thank all the participants who have made this conference a success.



As the host , the University of Malaya, the Department of Social and Preventive Medicine and the Medical Education and Research Development Unit, Medical Faculty and Dental Faculty made significant contributions to make this conference possible and creating the condition and climate for a very successful meeting.

This year the APACPH Public Health Recognition Award was awarded to Professor Tan Sri Datu Dr Haji Mohamad Taha Arif and the Kazue McLaren Leadership Achievement Award was awarded to Professor Dato' Dr. Mohd Amin Jalaludin.

Nearly 300 participants from more than 25 countries attended the conference sponsored by the Asia-Pacific Academic Consortium of Public Health from 64 universities in 20 countries.

The participants have together made a declaration that **health is a basic human right that universities and communities must work together to achieve**. The participants of the 40th APACPH Conference declared:

1. That Universities and especially Schools of Medicine, Schools of Public Health, Departments of Public Health, Ministry of Health and related disciplines including engineering, work collaboratively to achieve the goals to improve the health of vulnerable communities;
2. That each of us dedicate in one unique special and collective way to meet the challenges in public health education such as oral health, child and family health,

disaster and public health response, prevention of diseases, and others including of the future of health;

3. That one of the key areas of achieving health is through Peace and Harmony in the Asia-Pacific Region; and
4. That social engineering, community participation and structural changes enunciated in the principles of primary health care are critical in times of economic crisis, climate and environmental challenges.

We wish to affirm that individually, collectively and institutionally we work together to achieve these objectives

## **Postgraduate Programme**

### **MPH Speciality Examination April 2008**

The MPH(Epidemiology), MPH(Family Health) and MPH(Occupational Health) Part II Examinations were held from the 31 March 2008 - 8 April 2008. The external examiners were Prof Harry Campbell, Prof Colin Binns and Prof Malcom Sim.

All the students successfully completed the examination, they include,



#### **MPH (Epidemiology)**

1. Dr Harishah Talib
2. Dr Masitah Mohamed
3. Dr Noor Rizawati Mahpot
4. Dr Misliza Ahmad

#### **MPH (Family Health)**

1. Dr Kawselyah Juval
2. Dr Nazatul Shima Mokhtar
3. Dr Tan Kok Leong
4. Dr Zaini Ishak

#### **MPH (Occupational Health)**

1. Dr Azlan Darus
2. Dr Ganesh Balasingam

3. Dr Rosnawati Muhamad Robat
4. Dr Sujatha Doraimanickam
5. Dr Veronica Lughah

### **MPH and MMedSc (PH) final examination April 2008**

The Master Public Health and Master of Medical Science (Public Health) Examinations were held from the 11 April 2008 to the 30 April 2008. The external examiner for this session was Professor Bastaman Basuki from the Department of Community Medicine, School of Medicine, University of Indonesia. Prof Bastaman also gave a lecture on Indonesia Disaster Profile and Management at the Clinical Auditorium during the Wednesday morning CME.

### **MPH Entrance Evaluation Test**

The Department conducted an Entrance Evaluation for Master of Public Health candidates from the Ministry of Health on 19th December 2008 for the 2009 June intake. The entrance exam was followed by a meeting with the Head of Department, Prof Dr. Awang Bulgiba and other staff from SPM.



Prof Dr. Awang Bulgiba also gave a short introduction of the University of Malaya and the Master of Public Health programme. The entrance evaluation is conducted annually for candidates from the Ministry of Health to gauge their understanding on the current public health issues. The event is followed by lunch provided by the department.

## **Undergraduate Programme**

The Department of Social and Preventive Medicine contributes to the Undergraduate medical and science programme of the Faculty of Medicine and the University. The programmes are:

1. MBBS
2. Bachelor in Science Nursing
3. Bachelor in Biomedical Science
4. Medical Lab Technologists
5. Diploma in Nursing

## **Visits from Other Institutions**

### **Visit by Masters in International Health candidates from Curtin University 3 December 2008**

The department received a visit from post graduate students in International Health from Curtin University in Australia. The group was led by their supervisor, Professor Helen Fairnie currently on a field trip to Malaysia to study the health system of the country. A briefing of the department and of the public health situation in the country was given by Prof Dr. Awang Bulgiba. Prof Awang later presented them with the book "Health Care in Malaysia" by Dato Dr. S. N. Ghani and Professor Hematram Yadav. Later, the group was treated to brunch before they headed back to their hotel, preparing to fly off to Sarawak for more Malaysian experience.



### **Courtesy visit by Professor Soonman Kwon from Seoul National University**

Professor Soonman Kwon, the Professor and Chair of the Department of Health Policy and Management, School of Public Health, Seoul National University along with Dr Davis Johnraj from the Ministry of Health Malaysia paid a courtesy visit to the Department of SPM at the invitation of Dr Ng Chui Wan. Prof Kwon is the consultant to the Ministry of Health and is currently here for the workshop of Health Financing at the Ministry of Health Malaysia. Associate Professor Saimy Ismail, Dato Dr S. Noor Ghani, Dr Victor Hoe and Dr Ng Chui Wan were present during the visit. The visits are for discussion on future cooperation opportunities.



## **The Unit**

### **EPIDEMIOLOGY & STATISTICS UNIT**

#### **UNIT PROFILE**

##### **Introduction**

The Epidemiology and Medical Statistics Unit was headed by A/P Nooriah Mohamed Salleh until July 2008. The Unit was subsequently headed by Dr Sanjay Rampal.

##### **Strengths / Expertise**

Medical statistics, clinical epidemiology, social epidemiology, nutritional epidemiology, research methodology (quantitative, qualitative and mixed methods)

##### **Research Activities**

###### **1) Identification of determinants for progression to AIDS in HIV patients receiving anti-retroviral treatment**

Awang Bulgiba Awang Mahmud

This project aims to determine the predictors for progression to AIDS in HIV patients receiving anti-retroviral treatment. The study is expected to offer badly needed new knowledge and understanding of the prognosis and survival of HIV-infected patients in Malaysia. The study population comes from the UMMC. The project is funded by the Fundamental Research Grant Scheme (FRGS) from the Ministry of Higher Education and is expected to cost RM145, 000 over its lifespan. The project began on 1 December 2006 and was expected to be completed on 30 November 2008. Data collection for the project has been going well since the start of the project and although some delay has resulted in a 6-month extension, the project is expected to be completed by the end of May 2009. The project has funded research by one PhD candidate and has so far resulted in a conference paper presented by Dr Rahayu Lubis (PhD candidate). The completion of the project should result in 3 journal papers, 2 conference papers and 1 PhD thesis.

###### **2) Key behavioural factors attributing to complete cessation of smoking**

Awang Bulgiba Awang Mahmud

This project aims at testing a new behavioural theory called the PRIME theory in predicting successful cessation of smoking. This groundbreaking theory marks a significant shift in understanding the process and determinants of behavioural change. The study will offer new insights into the problem of smoking cessation and is expected to discover predictors of success in smoking cessation. The project is funded by the Ministry of Health

and is expected to cost RM1 million over 3 years. Data collection for the project has been going well and the project is on schedule for completion at the end of 2010. The project has funded research by one PhD candidate and has so far resulted in 3 conference papers presented by Ms Wee Lei Hum (PhD candidate). The completion of the project should result in 3 journal papers, 4 conference papers and 1 PhD thesis.

### **3) Influence of lifetime occupation on muscle strength and functional ability**

Sanjay Rampal (PI), Noran Naqiah Hairi, Marzuki Ishak, Moy Foong Ming, Maznah Dahlui, Ng Chiu Wan, Choo Wan Yuen, Norlaili Abdul Aziz

Lifetime occupation exposure and wellbeing during retirement phase is a major public health concern especially for the elderly. It is important to preserve the physical ability of our elderly, increasing their life expectancy alone without considering their quality of life is not enough. Literature shows that most lifetime occupation exposure in many studies was measured based on information of one's longest held occupation. Our research aims to explore the actual relationship between lifetime occupation exposures (measured by type, nature of occupation, length of duration in an occupation) to impaired muscle strength and physical function among Malaysian elderly. This is a cross sectional study conducted in five districts in Pahang. The study population comprise of all elderly (aged 60 years and above) residing in the selected districts. The expected outcome of this study would describe the normative value of hand grip strength among Malaysian elderly and would determine the relationship between lifetime occupational exposure and impaired muscle strength and physical function.

### **4) Injuries and Falls among Community Dwellers Older People in Alor Gajah, Melaka**

Dr. Noran Naqiah Hairi (PI), Dr. Mas Ayu Said, Dr Izunna Mudla M. Ghazali, Prof Awang Bulgiba Awang Mahmud and Dr. Noor Rizawati Mahpot.

(Fundamental Grant: FS048-2007A ; RM 75,000; Duration 2007 - 2009)

The Elderly population is now living a more active and mobile life than ever before. Injuries sustained by them are no different from those sustained by younger adults, however the physiological changes which include decrease bone mass, diminished fat stores, reduce muscle strength, muscle mass and muscle quality leave elderly more prone to severe injury. Falls are the most common mechanism of injury in the elderly population. The aim of this research is to determine the prevalence, behavioural and environmental determinants and its contribution towards injury and fall among community dweller older people in Alor Gajah, Melaka. We are also looking at the prevalence and determinants of fall among the very old (75 years and older). This is a population based cross sectional study involving older people in the Mukim of Masjid Tanah, Melaka. A total of 141 fallers (27.3%, 95% CI 18.8, 38.8 ) from the participants reported 210 falls. About 74% had experienced one episode of fall, 13.0 % had two episodes of falls and another 12.7 % had three or more falls in the past one year. Fall occurrences were highest in the younger elderly group (60-70 years). More than half of these fallers did not suffer from any injury and about 40 % sustained mild or soft tissue

injuries only. Most of the participants perceived slipped and tripped events as the cause of their falls and most falls occurred in the morning. A hundred and twenty nine participants (25.1%, 95% CI 17.6, 34.3 ) had experienced falls at home. Within the home, falls commonly occurred in the living room (33.9%), bathroom and toilet (29.9%). After adjusting for age, gender, depressive mood and cognitive function it was found that among older people who reported falls in the previous year, the odds of having depressive symptoms were twice (adjusted OR 1.9, 95 % CI 1.1, 3.3), the odds of being physically disabled is 1.19 (adjusted OR 1.19, 95 % CI 0.79, 1.77) and the odds of having functional limitation is 1.54 (adjusted OR 1.54, 1.08, 2.19). Other variables were found not to be significant. Further exploration of the individual elements of home environment assessed in the study with occurrences of home falls found that for exposure to one or more hazards per room (rooms with no hazards as reference), the odds of fall was 2.1 (95% CI 1.1, 4.0) for bedroom, 1.4 (95% CI 1.1, 2.1) for bathroom. Exposure to hazards in a room increases the odds of home fall among the older people as well. The findings of this study concur with those identified in other studies, despite differences in the design, classification and population studied.

**5) Physical Disability and Functional Limitation among Older People in Australia and Malaysia – using the New South Wales Older People Health Survey (NSW OPHS), Alor Gajah Health Survey and Concord Health and Aging in Men Project (CHAMP).**

Noran Naqiah Hairi

(This is a PhD project under the supervision of Prof Robert Cumming and Dr. Vasi Naganathan from the University of Sydney, Australia)

The onset of physical disability and functional limitation is often dynamic and progressive which is largely the consequence of underlying chronic diseases and physiological changes associated with aging. The impact of disability is modified by the individual's psychological and cognitive status, age, gender, education, activity levels, social supports and other factors in the environment. This research aims to determine the age profile well as determining the modifiable and non-modifiable factors associated with physical disability and functional limitation among elderly in Australia and Malaysia. The main research questions include; what is the age profile of disability (both functional limitations and physical disability) among the elderly in Australia and Malaysia?; to what extent can disability prevalence in Australia/ Malaysia be attributed to specific diseases and which diseases make the largest contributions, and to what extent can disability prevalence among the elderly be attributed to specific risk factors (behavioural or environmental) and which risk factors make the largest contributions in Australia/ Malaysia? Secondary data from the New South Wales Older People Health Survey (NSW OPHS), Alor Gajah Health Survey and Concord Health and Aging in Men Project (CHAMP) will be used to answer the research questions.

## **6) The Public and Service Providers' Perception of Child Abuse and Neglect in Malaysia: When is it necessary to intervene?**

Choo WY, Othman S, Marret MJ

Child abuse and neglect (or child maltreatment) is a significant public health and social problem in all societies. In Malaysia, there is still lack of published studies documenting this problem. The recent tragedies of two high profile abuse cases, 8-year-old Nurin Jazlin Jazimin and 5-year-old Sharlinie Mohd Nashar within a short span of six months increased public concern of child safety. Currently, little is known about how the Malaysian public perceived child abuse and neglect and at what point that individuals would intervene to protect the child. In this study, perception of the public and five other types of service providers that may come in contact with children in Malaysia (either in the health care or school setting) will be explored. We are interested in understanding the similarities and/or differences of perception towards child abuse and neglect among the public and the service providers, and across different service providers with regard to definitions of child abuse and neglect, since such definitions affect possible interventions. The overall objective of the research is to explore the perception of child abuse and neglect and attitude towards reporting child abuse and neglect among public and the service providers. Focus group discussions and in-depth interviews with parents and service providers will be conducted. This study will form the basis to understanding the public and service providers' perception and attitude towards child abuse and neglect and how these perceptions affect their attitude towards reporting. The results of the study will be useful to identify possible areas for interventions particularly the need to raise professional and public awareness of this significant public health problem.

## **7) Seroprevalence of Chikungunya Infection in Bagan Panchor, Perak**

Mas Ayu Said<sup>1</sup>, Jamal I-Ching Sam<sup>2</sup>, Ahmad Hatim Sulaiman<sup>3</sup>, Noran Naqiah M Hairi<sup>1</sup>, Chan Yoke Fun<sup>2</sup>, Lai Li Rong<sup>2</sup>

<sup>1</sup>Dept. of Social and Preventive Medicine,

<sup>2</sup>Dept. of Medical Microbiology,

<sup>3</sup>Dept. of Psychological Medicine

Faculty of Medicine, University of Malaya, Kuala Lumpur, Malaysia

Abstract:

Objectives: To determine the seroprevalence, clinical manifestations, and quality of life due to Chikungunya infection one year after an outbreak in Bagan Panchor fishing village, Pantai Remis, Perak, in 2006.

Method: A cross-sectional study was conducted with face-to-face interviews from house to house. All residents in Bagan Panchor, including Malaysians and foreign workers, were eligible for the study. Participants were interviewed for clinical manifestations of the disease, its duration and the severity of the disease. They were also asked about quality of life in terms of activities of daily living (ADL), depressive symptoms and economic loss due to infection. Serum samples from interviewed subjects were tested for anti-Chikungunya

antibodies by neutralization assay. A probable case was defined as presence of any symptoms of Chikungunya during the outbreak, and a case was defined as being positive for anti-Chikungunya antibodies by neutralization. A contact was defined as an asymptomatic subject living in Bagan Panchor during the outbreak. The Ministry of Health outbreak report was used as a baseline to compare with some of the findings in this study.

Results: A total of 191 subjects participated, including 44 probable cases and 31 contacts previously identified by the MOH. Thirty-one (31) new probable cases and 81 new contacts were identified in this study. There were 71 (37.1%) subjects who claimed to have had symptoms for Chikungunya during the outbreak, including fever (30.6%), arthralgia (26.3%), rash (22.3%), muscle pain (12.8%), headache (10.6%) and arthritis (10.6%). The duration of symptoms ranged from 1-100 days. In terms of ADL, 2 people had significant restriction of activities, and one person required a wheelchair. Seven (7) people were independent in ADL but with limited activities due to muscle pain and arthralgia. The duration of disabilities ranged from 2-60 days. Only 3 people had depressive symptoms. Nine (9) people had absences from work ranging from 2-90 days. There were 5 students who were absent from school, ranging from 3-7 days. Of 81 subjects who consented to blood taking, 49.4% were seronegative and 50.6% were seropositive for Chikungunya.

Conclusion: Chikungunya infection was an infectious disease with high morbidity and significant socioeconomic impact due to absences from work and school.

## **8) UM Wellness Programme**

Dr Moy Foong Ming

The UM Wellness Programme was an initiative by the University of Malaya to provide free health screening for all UM staff aged 40 years and above. A total of 1281 out of 2430 eligible staff participated in the screening conducted by the staff and postgraduate students (MPH) of the SPM Department from 15 July to 29 August 2008. For further information on this programme, please visit the UM wellness site can be found at <http://wellness.um.edu.my>

## **Short Courses**

**The following short courses were:**

SPSS, Stata, Study Design, Endnote, Systematic Review & Meta-analysis, The Practice of Evidence Based Medicine, Multiple Logistics Regression, Survival Analysis, Clinical Trials, Diagnostic Research and Prognostic Research.

## **Consultancy & Special projects**

The Department offers statistical consultations to academic staff, doctors or allied health practitioners and also students. SPM provides advice on study design, data management, statistical analysis, interpretation, and presentation of results.

### **Academic Staff**

Assoc Prof Dr Awang Bulgiba  
Assoc Prof Dr Nooriah Salleh (left in July 2008)  
Dr Sanjay Rampal  
Dr Mas Ayu Said  
Dr Noran Hairi Naqiah  
Dr Claire Choo Wan Yuen  
Dr Moy Foong Ming  
Mr Roshidi Mohd Ismail

### **Support Staff**

Lim Pek Ling  
Ms Nur Hashimah Kamar Redzawam  
Mrs Nor Zurina Zainol

## **Graduate Students and Supervision**

### **MPH Year 2 (Session 2008/2009)**

Dr. Narimah Hanim bt Ibrahim  
Dr. Noorhaire Sumarlie Bin Nordin  
Dr. Nurhuda Bt Ismail  
Dr. Patwinder Kaur Gill  
Dr. Rafdzah Bt Ahmad Zaki

### **MPH Year 3 (Session 2008/2009)**

Dr. Rozaini bt Mat Shah  
Dr. Sharmini Selvarajah a/p R.Selavarajah

### **MPH Year 4 (Session 2008/2009)**

Dr. Norli Abdul Jabbar \*(Exam in November 2008)

### **MPH Year 4 (Session 2007/2008)**

Dr. Harishah binti Talib (EPI)  
Dr. Masitah binti Mohamed (EPI)  
Dr. Noor Rizawati binti Mahpot (EPI)

# OCCUPATIONAL AND ENVIRONMENTAL HEALTH UNIT

## UNIT PROFILE

The Occupational and Environmental Health Unit (OEHU) within the Department of Social and Preventive Medicine has been striving high to become a prominent teaching cum research centre for postgraduate and doctorate studies in Occupational and Environmental Health. The aims of this unit are:

1. To deliver occupational health physicians with commendable occupational health clinical skills to provide occupational health service par excellence to industries locally and regionally.
2. To promote occupational health through the establishment of a centre for environmental and occupational health research
3. To pave into new niche areas of occupational and environmental research.

## Research Activities

### 1) A study on the relationship of salivary biomarkers and job stress among school teachers in Kuala Lumpur

- This study was embarked upon in June 2007.
- The aim of this study was to determine the prevalence of job stress among Kuala Lumpur teachers using a job content questionnaire. The study carved a new niche in determining whether there was a relationship between the job stress levels detected by the job stress questionnaire and the different levels of salivary biomarkers.
- The analysis has just been completed and a write-up on this is due before August 2009.





Photos: A/P Retneswari, Dr. Azlan Darus and research team conducting the salivary biomarker study

**2) Mercury Levels in Newborn and Maternal and its association with the Ante Partum Consumption of Seafood of Pregnant Mothers**

- As the principle investigator Dr Victor Hoe Chee Wai has left to pursue his PhD overseas, this project has been handed over to Dr Moy Foong Ming as the new principle investigator.

**3) Modeling the Risk Factors of Road Traffic Injuries among patients seeking care in University Malaya Medical Centre'**

- This study is in progress. The principal investigator for this research project is Dr Htay Moe.

***Collaborative research***

**1) Prevalence and Risk Factors on Sexual Dysfunction among Malaysian Health Care Workers**

- In collaboration with the Department of Obstetrics and Gynaecology, University Malaya Medical Centre.
- Assoc Prof Dr Retneswari Masilamani and Dr Azlan Darus are co-researchers in this research team.

**2) Occupational Eye Injuries, Risks and Outcomes at Mumbai, India**

- In collaboration with Aditya Jyot Eye Hospital, Mumbai India.
- Assoc Prof Dr Retneswari Masilamani and Dr Azlan Darus are co-researchers in this research team

## Short Courses

The head of the Unit of Occupational and Environmental Health chairs the committee for short courses and networking in the department. A total of 14 short courses, workshops and seminars were successfully conducted throughout 2008



The SPM Networking team : (from left) En. Abdul Hadi, Dr. Azlan, A/P Retneswari, Mdm. Lee Pek Ling, Ms. Nur Fadhlina, Ms. Norizan, Dr. Htay Moe

## Special projects

The unit collaborates with the Ministry of Health in two (2 ) research projects:

1. Patient safety in government hospitals, Malaysia.
2. Patient safety - systematic review

Both these studies are expected to be completed by 2010.

## Visiting Professor

Professor David Koh, the Head of the Department of Community, Occupational and Family Medicine had his tenure extended as visiting professor from August 2008 till July 2009. Prof David has been giving some lectures for the MPH students specialising in Occupational Health and is actively involved in the salivary biomarker research determining the job stress levels amongst secondary school teachers in Kuala Lumpur.

## Consultancy services

Two lectures, Assoc professor Dr Retneswari Masilamani and Dr Azlan Darus have been providing occupational health advisory services to Unilever Malaysia Sdn Bhd since December 2008. This involves ensuring a safe and healthy workplace at Unilever Malaysia Sdn Bhd.

## **Occupational Health Clinic at University Malaya Medical Centre (UMMC)**

The Occupational Health (OH) Clinic that functions every Wednesday and Friday from UMMC has been receiving more cases from within and outside the hospital, providing occupational health services cum medical surveillance in confirming occupational and work-related cases. Medical reports are also provided following disability assessments done in the clinic and for compensation purposes. Several walk-through surveys have also been carried out at specified factories to ascertain the diagnosis and source of hazards. The postgraduate students also receive clinical training at the OH Clinic and are also actively involved in the management of the cases.

### **Academic Staff**

Associate Professor Dr Retneswari Masilamani (Head of Unit)

Dr Victor Hoe Chee Wai - senior lecturer (on study leave since November 2008)

Dr Htay Moe – senior lecturer

Dr Azlan Darus – senior lecturer

Dr. Marzuki Isahak – trainee lecturer

Dr Victor Hoe Chee Wai left to pursue his PhD in the University of Monash, Australia in November 2008 and will be away for three years. We welcomed a new senior lecturer, Dr Azlan Darus, who was released by the Ministry of Health to join the Department of Social and Preventive Medicine, University of Malaya



**The OEH Unit:** (From left) Dr. Azlan Darus, A/P Retneswari Masilamani, Ms. Nur Fadhlina Othman, Dr. Htay Moe, En. Abdul Hadi Tabrani .

**Absent:** Dr Victor Hoe Dr. Marzuki Isahak (study leave),  
Ms Ng Geok Bee (retired)

### **Support Staff**

Ms Nur Fadhlina Othman (Junior Science Officer)

En Mohammed Hadi Tabrani is also a new support staff, a laboratory technologist by profession who joined the unit in from Centre for Foundation Studies in Science on the 1<sup>st</sup> August 2008

Ms. Ng Geok Bee who had been with the Faculty of Medicine for 25 years retired (optional) in February 2008. A farewell lunch was held by the Department to appreciate her esteemed services, was attended by the Deputy Dean of the Faculty of Medicine, Professor Patrick Tan.



Ms. Ng Geok Bee receiving a memento from Prof. Patrick Tan at her farewell lunch

### Graduate Students and Supervision

- 1) Five (5) students successfully completed their post- graduate studies in Masters in Public Health specialising in Occupational Health in April 2008, namely:

MPH (Occupational Health)	Title of Research project	Supervisor
Dr Sujatha a/p Doraimanickam	Neurobehavioral Effects among Paint Solvent Workers in a Paint Factory	Assoc Professor Retneswari Masilamani
Dr Azlan Darus	Return to work following long bone fractures among patients presenting to University of Malaya Medical Centre, Kuala Lumpur	Assoc Professor Retneswari Masilamani
Dr. Veronica Lughah	Prevalence of Natural Rubber Latex Allergy among Health Care Workers in University of Malaya Medical Centre, Kuala Lumpur	Dr Htay Moe
Dr. Rosnawati Binti Muhamad Robat	Occupational Stress among nurses in District Hospital and Health Centres of Temerloh, Pahang	Dr Htay Moe
Dr Ganesh A/L Balasingam	Prevalence and Factors causing Work-related Upper Limb Disorders among VDU users in an Administrative Office	Dr Victor Hoe Chee Wai

- 2) There are two postgraduate students who will be completing their postgraduate studies in Masters in Public Health specialising in Occupational Health in 2009, namely:

Dr Husna Maizura bt Ahmad Mahir	The Prevalence and Risk Factors of Job Strain among Office Workers at a Multinational Company in K.L.	Assoc Professor Retneswari Masilamani
Dr Anselm Su Ting	A Cross-Sectional Study on Hand-Arm Vibration Syndrome among Construction Workers in A Construction Site in Kuala Lumpur Malaysia	Dr Victor Hoe Chee Wai

- 3) Assoc Professor Retneswari and Dr. Victor Hoe are also co-ordinators and lecturers for the Occupational and Industrial Health in Engineering module, in the Masters in Engineering programme , 2008-2009. This class had a total of 56 candidates who appeared for their examination on 7 November 2008.
- 4) There are 4 candidates pursuing their year three in the Masters of Public Health programme specialising in Occupational Health. These candidates are presently undergoing a rotational posting in several organisations like Exxon Mobil, Social Security Organisation, Department of Occupational Safety and Health and other relevant government agencies

Edrin Nasri Abdul Rasib	Prevalence and Risk Factors of NIHL among Public Health Workers in Negeri Sembilan	Assoc Professor Retneswari Masilamani
Suhainizam Muhamad Saliludin	Prevalence and Risk Factors Contributing to Occupational Stress among Secondary School Teachers in Kuala Pilah District, Negeri Sembilan	Assoc Professor Retneswari Masilamani
Navjeet Kaur	Prevalence of Stress among the Blue Collar and White Collar Workers in an International Tobacco Company	Dr Htay Moe
Mohd Iqbal Hamzah	Prevalence of Work Related Upper Limb Disorders and its Associations with Hand Grip Strength among Office Workers in Majlis Perbandaran Pulau Pinang.	Dr Azlan Darus

- 5) One student from the Department of Geography is undertaking her Ph.D in a topic as stated below.

Sofiah Mohd Hashim	A Study On The Impact Of Aerosol On Health In Malaysia	Assoc Professor Retneswari Masilamani
--------------------	--	---------------------------------------

# **HEALTH SERVICES MANAGEMENT UNIT**

## **UNIT PROFILE**

### **1. Introduction**

The Management Unit is fortunate to have an adequate number of lecturers. They are, Dr Maznah Dahlui, Dr Ng Chiu Wan, and Asso Professor Dr Saimy Ismail. Asso Professor Dato Dr S Noor Ghani left us but we were joined by a new member in 2008 ie Dr Tin Tin Su. Dr Farizah Mohd Khairy is still doing her PhD studies and hopefully will be back in 2010.

### **2. Educational Activities/ Achievements (Teaching/Conferences/Seminars)**

#### **2.1 Undergraduate:**

The subjects for undergraduates are under the Personal and Professional Development series covering the first and second phases of studies. The Unit is still coordinating the special programme called the Organisation and Management of Health Services where students are sent out to the agencies delivering services to the population. Another programme called the Community Residency programme is also participated strongly by the unit members. The unit is also involved teaching other programmes such as the undergraduate programme for nursing. Another area where substantial time is spent is on the Problem Based Learning sessions.

#### **2.2 Postgraduate:**

The lectures and supervision of students reading for the MMedScPH, MPH and the MPH (speciality) programmes are quite substantial. We are indebted to Dato S Noor Ghani for continuing to assist us in a major way.

Dr Saimy conducted one elective course in 2007 called the Public Health Emergencies which had a very popular following among the post Graduate students.

### **3. Research Projects, Publications and Consultations**

The unit members are certainly active in the area of research, publications and consultations. As evidences in the individual reports, members in the Management Unit are involved with thirteen research projects and ten publications (though some are overlapping), and members sit on six consultation groups. Many have contributed to other miscellaneous activities, academic or otherwise both locally and internationally linked.

#### **4. Conclusion**

The Health Services Management Unit will strive forward in 2009 to ensure that it will be another productive year where the need is to focus to some areas which the unit was not able to do in 2008. The subjects for teaching need review especially for the undergraduates where the focus will be on relevance of public health to the overall goal of the undergraduate training. The DrPH programme for the post graduate group will start in June 2009. As such new subjects coupled with new approaches needs to be considered and assimilated. The short courses to be run by the unit require a change in strategy to ensure they will be of interest to the students and professionals in the community.

# **FAMILY HEALTH UNIT**

## **UNIT PROFILE**

### **Aims**

Family Health Unit plans to set up two centres namely:

- (i) Centre for Population Health
- (ii) Centre for Adolescent Health (Clearing house)

### **Strengths / Expertise**

1. Dr. Nabilla Al-Sadat Abdul Mohsein
  - Adolescent Health
  - Tobacco Economics
  - Behavioural Science
2. Puan Sri Dr. Norlaili Abdul Aziz
  - Child Health
  - Women Health
  - Food Safety and Hygiene
3. En. Hazreen Abdul Majid (on study Leave for PhD)
  - Sports Nutrition
  - Obesity
4. Dr Maslinor Ismail (on study leave for MPH)
  - Reproductive health

### **Research Activities**

1. Attitudes of patients and nurses towards diarrhoea during enteral tube feeding . HA Majid, PW Emery, K Whelan, Nutritional Sciences Division, King's College London, London, SE1 9NH.
2. The effect of fructo - oligosaccharides on colonic microbiota in patients receiving enteral tube feeding for fourteen days. HA Majid, PW Emery, K Whelan. *Nutritional Sciences Division, King's College London, Franklin-Wilkins Building, 150 Stamford Street, London, SE1 9NH, United Kingdom.*

## **Short Courses**

1. Course on Empowering Families through Sexual And Reproductive Health , 3- 4 March 2008, Faculty Of Medicine, University Of Malaya. Organised By Department Of Social And Preventive Medicine, Faculty Of Medicine, University Malaya. Participant/Secretariat
2. Course On Medical Demography, 10-12 March 2008, Organised By Department Of Social And Preventive Medicine, Faculty Of Medicine, University Malaya. Participant/Secretariat

## **Other Activities**

1. The Practice of Evidence Based Medicine, 14 -16 April 2008. Organised by Department Of Social and Preventive Medicine, Faculty Of Medicine, University Malaya and Centre of Evidence Based Medicine, University of Oxford. Committee Member/Secretariat.
2. Asia Europe Clinical Epidemiology and Evidence-Based Medicine Programme : Prognostic Research Workshop, 15-17 December 2008. Organised by Department of Social and Preventive Medicine, Faculty Of Medicine, University Malaya and Julius Center For Health Sciences and Primary Care University Medical Center Utrecht. Secretariat
3. Asia Europe Clinical Epidemiology and Evidence-Based Medicine Programme : Clinical Trials Workshop, 15-17 December 2008. Organised by Department of Social and Preventive Medicine, Faculty Of Medicine, University Malaya and Julius Center for Health Sciences and Primary Care, University Medical Center Utrecht. Secretariat.
4. 40th APACPH Annual Conference : “Global Public Health Challenges”, 7-9 November 2008, Renaissance Hotel Kuala Lumpur. Organised by The Asia-Pacific Academic Consortium For Public Health and Department of Social and Preventive Medicine, Faculty of Medicine, University Malaya. Main Organising Committee, Publicity and Secretariat Committee.
5. 6th Biennial Conference Of The Asia-Pacific Association on Problem-Based Learning in Health Sciences (Apa-Phs), 13-16 October 2008, Eastin Hotel, Kuala Lumpur , Malaysia. Anjuran Asia-Pacific Association for Problem-Based Learning in Health Sciences and Faculty of Medicine, University of Malaya. Organising Committee
6. Using Endnote Xi, 20 October 2008, Faculty Of Medicine, University Of Malaya. Organised By Department Of Social And Preventive Medicine, Faculty Of Medicine, University Malaya. Secretariat.
7. Hospital Cost Accounting, 17-18 March 2008, Faculty of Medicine, University of Malaya. Organised by Department of Social and Preventive Medicine, Faculty of Medicine, University Malaya. Secretariat.
8. Strategic Planning Workshop, 8-10 August 2008, Corus Paradise Resort Port Dickson. Organised by Department of Social and Preventive Medicine, Faculty of Medicine, University Malaya. Secretariat.

9. UM Wellness Programme, 24 June 2008. University Malaya. Organised by Department of Social and Preventive Medicine, Faculty of Medicine, University Malaya. Committee Member.
10. SPM Family Day. 19 April 2008. Organised by Department of Social and Preventive Medicine, Faculty of Medicine, University Malaya. Committee Member.
11. Pesta Sukan dan Rekreasi Staff Universiti Malaya 2008, 5 April to 10 Mei 2008. Mewakili Zon 4 (Fakulti Perubatan/Pergigian/Alam Bina) Sebagai Penyelaras/Pengurus/Pemain.
12. Karom Terbuka Wilayah Persekutuan 2008, Program Sambutan Perayaan Hari Wilayah Persukutan 2008, Stadium Tertutup Titiwangsa, Kuala Lumpur Pada 15 Hingga 16 Mac 2008. Bergu Terbuka
13. Kejohanan Karom Makswip 2008, 25 -26 Julai 2008, Bangunan Risda Kl. Pemain - Tempat Ke 3.
14. Kejohanan Karom Terbuka (Utem). 26-27 Julai 2008 Universiti Teknikal Malaysia Melaka. Bergu Terbuka.
15. Persatuan Juruteknologis Makmal, Um. Jawatankuasa Kecil Kebajikan, Sukan & Rekreasi,
16. "Kursus Keselamatan & Kesihatan Di Tempat Kerja KKAUM" Di Amansari Beach Resort Kuantan , Pahang Pada 11hb April - 13hb April 2008. Anjuran Kesatuan Kakitangan Am UM. Jawatankuasa Penganjur/Peserta.
17. Kesatuan Kakitangan Am UM. Jawatankuasa Keselamatan & Kesihatan.
18. "Vetting Committee" Untuk Peperiksaan MBBS dan MPH
19. Poster Presentation at the 40th APACPH Conference 8-9 November 2008
20. AJK Induk Persidangan APACPH ke 40 di Kuala Lumpur
21. Pensyarah Jemputan Modul Kursus "Food Safety and Hygiene" Untuk Penuntut Masters Public Health Di UKM
22. Menyampaikan Kertas Saintifik Di Persidangan NIH Pada 23 Oktober Di Institut Pengurusan Kesihatan, Kementerian Kesihatan
23. Menyampaikan Ceramah "Makanan Dan Kesihatan" Untuk Ibubapa Di LPPKN

### **Special projects**

1. Involvement in research with Dr. Maznah Dahlui" Breast Cancer screening practices among staff of UMMC ", 2008. Amount of funding approved: RM69,000.00

**Academic Staff**

Dr. Nabilla Al-Sadat Abdul Mohsein

Puan Sri Dr. Norlaili Abdul Aziz

En. Hazreen Abdul Majid (Study Leave)

Dr Maslinor Ismail (SLAB)

**Support Staff**

Ms Norizan Moez

Mdm Wee Bee Suan

**Graduate Students and Supervision**

No.	Name of Candidate	Course/Year	Name of Supervisor
	<b>GRADUATES</b>		
1.	Dr Kawselyah Juval	MPH Y4 (FH)	A/P Dr Saimy Ismail/ Dr Nabilla Al-Sadat Abdul Mohsein
2.	Dr Nazatul Shima Binti Mokhtar	MPH Y4 (FH)	A/P Dr Saimy Ismail/ Dr Nabilla Al-Sadat Abdul Mohsein
3.	Dr Tan Kok Leong	MPH Y4 (FH)	A/P Dato' Dr S Noor Ghani
4.	Dr Zaini Binti Ishak	MPH Y4 (FH)	A/P Dato' Dr S Noor Ghani
5.	Dr Fauziah Bt Abdullah (M)	MPH Y1	Puan Sri Dr Norlaili Abdul Aziz
6.	Dr Mohamed Almogtaba Abdelrahim Khogali Mohamed (S)	MPH Y1	Puan Sri Dr Norlaili Abdul Aziz
7.	Dr Mustafa Awadelkareem Abdallah Alhag (S)	MPH Y1	Puan Sri Dr Norlaili Abdul Aziz
8.	Dr Nor Idawaty Bt Ibrahim (M)	MPH Y1	Puan Sri Dr Norlaili Abdul Aziz
9.	Dr Tarig Abdelrahman Khalid Mohammed (S)	MPH Y1	Puan Sri Dr Norlaili Abdul Aziz
10.	Ms Nevin Ahmed Warille (S)	MMedSc	Puan Sri Dr Norlaili Abdul Aziz
11.	Dr Mohamed Ibrahim Ali Mohamed Saleh (S)	MPH Y1	Dr Nabilla Al-Sadat Abdul Mohsein

12.	Dr Moner Khalid Mohammed Suleiman (S)	MPH Y1	Dr Nabilla Al-Sadat Abdul Mohsein
13.	Dr Nada Gaafer Osman Ahmed (S)	MPH Y1	Dr Nabilla Al-Sadat Abdul Mohsein
14.	Dr Nik Daliana Bt Nik Farid (M)	MPH Y1	Dr Nabilla Al-Sadat Abdul Mohsein
15.	Dr Norzakiah Binti Mohd Tahir (M)	MPH Y1	Dr Nabilla Al-Sadat Abdul Mohsein
16.	Dr Ahlam Hamid A Natto (Saudi)	MPH Y1	Dr Nabilla Al-Sadat Abdul Mohsein
	<b>SUPERVISION</b>		
1.	Dr Ariza Zainudin	MPH Y4 (FH)	Dr Htay Moe
2.	Dr Maslinor binti Ismail	MPH Y4 (FH)	A/P Dr Saimy Ismail
3.	Dr Nik Nairan binti Abdullah	MPH Y4 (FH)	Puan Sri Dr Norlaili Abdul Aziz
4.	Dr Siti Rohana bt Saad	MPH Y4 (FH)	Dr Sanjay Rampal
5.	Dr Sunita bt Abdul Rahman	MPH Y4 (FH)	Puan Sri Dr Norlaili Abdul Aziz
6.	Dr Asnida bt Anjang Ab. Rahman	MPH Y3 (FH)	Dr Nabilla Al-Sadat Abdul Mohsein
7.	Dr Rozita bt Ab. Rahman	MPH Y3 (FH)	Puan Sri Dr Norlaili Abdul Aziz
8.	Dr Fauziah Abdullah	MPH Y2 (FH)	Puan Sri Dr Norlaili Abdul Aziz
9.	Dr Nik Daliana Nik Farid	MPH Y2 (FH)	Dr Nabilla Al-Sadat Abdul Mohsein
10.	Dr Nor Idawaty Ibrahim	MPH Y2 (FH)	Dr Nabilla Al-Sadat Abdul Mohsein
11.	Dr Noraliza Zabari	MPH Y2 (FH)	Puan Sri Dr Norlaili Abdul Aziz
12.	Dr Norzakiah Tahir	MPH Y2 (FH)	Puan Sri Dr Norlaili Abdul Aziz
13.	Dr Siti Harirotul Hamrok	MPH Y2 (FH)	Dr Nabilla Al-Sadat Abdul Mohsein
14.	Ashraf Elghali Saad Abdallah (Sudan)	MPH Y1	Dr Nabilla Al-Sadat Abdul Mohsein
15.	Yusuf Abdu Misau (Nigeria)	MPH Y1	Dr Nabilla Al-Sadat Abdul Mohsein
16.	Mohammed Eltegani Mohammed Hamed (Sudan)	MMedSc	Dr Nabilla Al-Sadat Abdul Mohsein

17.	Mohamad Noor Asyik Bin Yahya	MPH Y1	Dr Nabilla Al-Sadat Abdul Mohsein
18.	Ammar Abduleef Jawad (Iraq)	MPH Y1	Puan Sri Dr Norlaili Abdul Aziz
19.	Jenifer @ Jennifer John	MPH Y1	Puan Sri Dr Norlaili Abdul Aziz
20.	Mahboubah Aliakbarian (Iran)	MMedSc	Puan Sri Dr Norlaili Abdul Aziz

## **Profiles**

### **Professor Awang Bulgiba Awang Mahmud**

#### ***Position***

Professor and Head of Department

#### ***Expertise (Research interest)***

1. Medical Statistics
2. Health Informatics

#### ***Research Projects***

1. Principal investigator: Identification of determinants for progression to AIDS in HIV patients receiving anti-retroviral treatment [FP080/2006A grant amount RM 145,000]
2. Co-principal Investigator: Key behavioural factors attributing to complete cessation of smoking [NIH grant amount RM 1,000,000]
3. Co-investigator: Development of a reliable questionnaire for measuring the impact of information and communication technology (ICT) for patient care in hospitals [FS253/2007C grant amount RM40,000]
4. Co-investigator: Profiles and risk factors of major limb and spinal cord injury [FS162/2007C grant amount RM33, 000]

#### ***Consultancies & Special Services***

1. Consultant, Malaysian AIDS Council for Monitoring and Evaluation project (National)
2. Editorial Board member for Asia-Pacific Journal of Public Health (International)
3. Reviewer for Medical Journal of Malaysia (National)
4. Reviewer for Malaysian Orthopaedic Journal (National)
5. Reviewer for Journal of University of Malaya Medical Centre (Faculty)

#### ***Professional Affiliation/Membership/Leadership***

1. Organising Chairman, 40<sup>th</sup> Asia-Pacific Academic Consortium for Public Health Conference in Kuala Lumpur 7-9 Nov 2008 (International)
2. Malaysian coordinator, Asia-Europe Clinical Epidemiology and Evidence-Based Medicine programme (International)
3. Head, Julius Centre University of Malaya (National)
4. Head, UM Wellness Programme (University)
5. External examiner, Master of Medical Statistics, Universiti Sains Malaysia (National)
6. External examiner, Master of Science, Universiti Putra Malaysia (National)
7. Internal examiner, Master of Medical Science, Dept of Pharmacy (Faculty)
8. External assessor for promotion to Associate Professor, Universiti Sains Malaysia (National)
9. Member of Malaysian Health Promotion Board projects committee (National)
10. Member, Academy of Medicine, Malaysia (National)
11. Member of UM E-ScienceFund ICT committee (University)

12. Member of UM HPC technical committee (University)
13. Member of UM wifi technical committee (University)
14. Member of UMMC Clinical Quality Assurance committee (Faculty)
15. Member of UMMC Medical Advisory Committee (Faculty)
16. Member of UMMC Occupational Safety and Health Committee (Faculty)
17. Member of FOM Bioinformatics Technical Committee (Faculty)
18. Member Malaysian Medical Association and Public Health Specialists Association (National)
19. Member of 2 PhD & masters ad-hoc committee (Faculty)

### ***Presentations, Seminars & Courses***

#### ***Proceedings***

1. **Bulgiba AM**. Challenges of internationalising public health education in Malaysia. Proceedings of the 40th Asia Pacific Academic Consortium for Public Health Conference, 7-9 Nov 2008, Kuala Lumpur.
2. Lubis R, **Bulgiba AM**, **Noran NH**, Kamarulzaman A. A 21-year review of HIV/AIDS patients seen in the University of Malaya Medical Centre. Proceedings of the 40th Asia Pacific Academic Consortium for Public Health Conference, 7-9 Nov 2008, Kuala Lumpur.
3. Wee LH, West R, **Bulgiba A**. Characteristics of smokers attending Malaysian Stop Smoking Clinics. Proceedings of the 40th Asia Pacific Academic Consortium for Public Health Conference, 7-9 Nov 2008, Kuala Lumpur.
4. Wee LH, West R, **Bulgiba A**. A qualitative analysis of beliefs and feelings about smoking and quitting during a quit attempt. Society for Research into Nicotine and Tobacco 1st Asian Regional Conference, 28-31 Oct 2008, Bangkok.
5. Wee LH, West R, **Bulgiba A**. Factors leading up to stop smoking clinics in Malaysia. UK National Smoking Cessation Conference 30 Jun-1 Jul 2008, Birmingham, UK. Pg 28

#### ***Course speakers***

1. Speaker, Multiple Logistic Regression course, Faculty of Medicine, 13-14 Feb 2008 (National)
2. Speaker, EndNote course, Faculty of Medicine, 7 May 2008 (National)
3. Speaker, EndNote course, Faculty of Medicine, 20 Oct 2008 (National)
4. Invited speaker, Basics Statistics for Clinicians Course, UNIMAS, Kuching, 16-17 Aug 2008 (National)
5. Invited speaker, GCP course, Faculty of Medicine, UM, 26 Jun 2008 (National)

6. Invited speaker, GCP course, Faculty of Medicine, UM, 4 Dec 2008 (National)
7. Invited speaker, Statistics for psychiatrists course (organised by Malaysian Psychiatrists Association), Swiss-Garden Resort, Lumut, 13-14 Dec 2008 (National)
8. Invited speaker, Scientific writing workshop (organised by Ministry of Health), GEMS Beach Resort, Kuala Terengganu, 27 Apr 2008 (National)
9. Invited speaker, Scientific writing workshop (organised by MERDU, Faculty of Medicine), Faculty of Medicine, UM, 20 Aug 2008 (Faculty)
10. Invited speaker, Biomedical Publications course (organised by Malaysian Orthopaedic Association), Faculty of Medicine, 10 May 2008 (National)
11. Invited speaker, Multiple Logistic Regression workshop (organised by SPSS Users Group), SPSS Malaysia, KL, 27-28 Mar 2008 (National)
12. Invited speaker, NIH Conference pre-conference EndNote workshop (organised by Ministry of Health), Institute for Health Management, KL, 23 Oct 2008 (National)
13. Invited speaker, National Public Health Conference pre-conference Regression workshop (organised by Public Health Specialists Association), Berjaya Times Square, KL, 12 Nov 2008 (National)
14. Invited speaker, ACG workshop (organised by Ministry of Health), PNB Darby Executive Suites, 16 & 18 Dec 2008 (National)

#### ***Other publications***

1. Jaafar S, Suhaili MR, **Bulgiba A**, Ehsan FZ, Salleh N, Zakaria ZF, Lee PFS, Samuri AS, Mohd Said N, Mohd Sharif J, Starfield B, Siemens KK, Abrams C. Development of TelePrimary Care (TPC) data set through use of Johns Hopkins ACG (Adjusted Clinical Groups) in Malaysia

#### ***Publications***

1. Sabrina I, Harichandra D, Bulgiba A, Iskandar M. Use of Gallium-citrate 67 Scintigraphy to Measure colonic Transit Time in Spinal Cord Injured Patients With Neurogenic Bowel. *Neurourology and Urodynamics* 27(7) Suppl 2008:663-664.
2. Saw A, Manimaran S, Faizal S, **Bulgiba AM**. Use of radiographic densitometry to predict the Bone Healing Index in distraction osteogenesis. *Malaysian Orthopaedic Journal* 2008;2(1):44-48.
3. Yusoff N, Jaafar N, Razak IA, Chew YY, Ismail N and **Bulgiba AM**. Prevalence of enamel opacities among schoolchildren in Kuala Lumpur. *Community Dental Health* 2008; 25:55-58.

4. Al-Bayaty FH, Wahid NAA, **Bulgiba AM**. Tooth mortality in smokers and non-smokers in a selected population in Sana'a, Yemen. J Periodont Res 2008; 43(1):9-13.
5. Khoo SP, Yap AU, Chan YH, **Bulgiba AM**. Translating the research diagnostic criteria for temporomandibular disorders into Malay: evaluation of content and process. J Orofac Pain 2008; 22: 131-8.

## **Associate Professor Saimy Ismail**

### ***Position:***

Associate Professor

### ***Expertise (Research interest):***

Health Services Management, Quality in Health, Primary Health Care and Disaster Management

### ***Research Projects:***

1. Progressivity analysis of health care financing in Malaysia (PJP funding)
2. Equity concerns regarding the distribution of household out-of-pocket payments for health care in Malaysia (PJP funding)
3. Increasing awareness on breast cancer and enhancement of breast self examination (bse) among university malaya female staffs
4. Estimation of marginal cost to maintain Quit-Smoking Status among Ex-smokers in the Tanglin Quit Smoking Clinic, Kuala Lumpur, 2008-2009 [FS351/2008C grant amount RM 59,400]

### ***Consultancies & Special Services:***

1. Ad-hoc reviewer for the Journal of the University of Malaya Medical Centre and Malaysian Journal of Public Health Medicine.
2. Member of UMMC Internal Investigation Committees on financial transactions.
3. Supervisor of 6 Masters of Public Health students.

### ***Professional Affiliation/Membership/Leadership:***

1. Chairman for the Accident Prevention Committee of the Malaysian Medical Association.
2. Member of the Preliminary Investigation Committee of the Malaysian Medical Council.
3. Member of the organizing committee for APACPH 2008.
4. Chairman for the committee of the Faculty Of Medicine Gallery Development
5. University of Malaya golf captain
6. Chairman of the organizing committee for Disaster Management Course

### ***Presentations, Seminars & Courses:***

1. Coordinator and Speaker, Quality Management in Health Care, Faculty of Medicine, 18<sup>th</sup> -19<sup>th</sup> August 2008

### ***Publications:***

1. Shima M, Saimy I. The prevalence of sleep disturbance among nurses in Melaka Hospital. Journal of Community Health 2008; 14 Supp (1) 42-43

## **Associate Professor Dr. Retneswari Masilamani**

### ***Position***

Head - Occupational and Environmental Health Unit

### ***Expertise (Research interest)***

1. Job stress and salivary biomarker studies
2. Occupational Safety and Health among Health Care Professionals
3. Occupational Eye Injuries

### ***Research Projects***

#### ***Principal investigator in 2008***

1. Stress Among Teachers in Federal Territory Using Salivary Biomarker and Job Content Questionnaire
2. Prevalence and Risk Factors on Sexual Dysfunction among Malaysian Health Care Workers is being carried out with the Department of Obstetrics and Gynaecology, University Malaya Medical centre
3. Occupational Eye Injuries, Risks and Outcomes at Mumbai, India

#### ***Co-Researcher in 2008***

1. Patient Safety in Government Hospitals -To assess the level of Post-Operative Patient Safety in Government Hospitals, Malaysia. This is a collaborative research project with Ministry of Health, Malaysia
2. Patient Safety in Government Hospitals - a systematic review. Collaborative research with Ministry of Health, Malaysia
3. Sujatha Doraimanickam, **Retneswari M.** Neurobehavioural Effects among Workers Exposed to Solvents in a Paint factory.
4. Azlan Darus, **Retneswari M.** Return to Work following Long Bone Fracture at University Malaya Medical Centre
5. Husna Maisura Ahmad Mahir, **Retneswari M.** Prevalence and Risk Factors of Job Strain among Office Workers in a Multinational Company
6. Anselm Su Ting, Victor HCW, **Retneswari M.** A Cross-Sectional Study on Hand Arm Vibration Syndrome among a group of Construction Workers in Malaysia
7. Edrin Nasri Abdul Rasib, **Retneswari M.** Prevalence and Risk Factors of NIHL among Public Health Workers in Negeri Sembilan
8. Suhainizam Muhamad Saliludin, **Retneswari M.** Prevalence and Risk Factors contributing to Occupational Stress among Secondary School Teachers in Kuala Pilah District, Negeri Sembilan
9. Safiah Mohd Hashim, **Retneswari M.** A Study on the Impact of Aerosol on Health In Malaysia

***Candidates supervised in 2008***

1. Sujatha Doraimanickam. Neurobehavioural Effects among Workers Exposed to Solvents in a Paint factory.
2. Azlan Darus. Return to Work following Long Bone Fracture at University Malaya Medical Centre
3. Husna Maisura Ahmad Mahir. Prevalence and Risk Factors of Job Strain among Office Workers in a Multinational Company
4. Anselm Su Ting. A Cross-Sectional Study on Hand Arm Vibration Syndrome among a group of Construction Workers in Malaysia
5. Edrin Nasri Abdul Rasib. Prevalence and Risk Factors of NIHL among Public Health Workers In Negeri Sembilan
6. Suhainizam Muhamad Saliludin. Prevalence and risk Factors contributing to Occupational Stress among Secondary School Teachers in Kuala Pilah District, Negeri Sembilan
7. Safiah Mohd Hashim. A Study on the Impact of Aerosol on Health in Malaysia. Ph.D candidate
8. Noorulainah Jalaudheen. Noise Induced Hearing loss among policemen
9. Amir Alshiekh Hussein Mohammed. Prevalence, Sexual risk taking and HIV testing among Health Care Workers in Blue Nile State, Sudan
10. Ismawathi Ismal. Factors associated with Tuberculosis/HIV infection in Institute of Respiratory Medicine, Kuala Lumpur

***Consultancies & Special Services:***

1. Consultant Occupational Health Advisor to Unilever Malaysia Sendirian Berhad
2. Reviewer of the Asia-Pacific Journal of Public Health
3. Reviewer of the Malaysian Journal of Medicine

***Awards & Recognition***

1. Certified as Independent Medical Assessor for Disability Assessment on attending the Disability assessment Course and Assessment conducted by Social Security Organisation and National Institute Of Occupational Safety and Health, Malaysia
2. Excellent Service Award from University of Malaya for year 2007
3. Inducted into the Academy of Occupational and Environmental Medicine, Malaysia on 26 January 2008 as a Life member

***Professional Affiliation/Membership/Leadership***

1. Malaysian Medical Association - Life Membership
2. Academy Of Medicine Malaysia - Life Membership
3. Academy of Occupational and Environmental Medicine, Malaysia – Life Membership
4. National Institute of Occupational Safety and Health - on The Board Of Directors
5. Society of Occupational and Environmental Medicine, Malaysian Medical Association - Vice-Chairman
6. Social Security Organisation (SOCO), Malaysian Medical Association – Secretary

7. Examination Appeal Board. National Institute Of Occupational Safety and Health. Malaysia – Committee Member
8. Research and Development Committee. National Institute Of Occupational Safety And Health – Committee Member
9. Substance Abuse Committee, Malaysian Medical Association – Committee Member
10. Malaysian Public Health Specialist Association – Member
11. National Institute of Occupational Safety and Health. Malaysia – Member
12. Registered Occupational Health Doctor with Department of Occupational Safety and Health, Ministry of Human Resource – JKKP IH 127/171 - 1 (191)

### ***Presentations, Seminars & Courses***

1. Invited Plenary Speaker - The New Frontiers In Occupational Health Training . 40th Conference of Asia Pacific Academic Consortium for Public Health 8 November 2008
2. Invited Plenary Speaker- Tuberculosis among Health Care Professionals. 3th Regional Conference on Occupational Health, Hotel P.J Hilton, Selangor Malaysia ,15<sup>th</sup> April 2008.
3. Oral Presenter - Knowledge on Occupational Safety and Health among Health Care Professionals in Malaysia. 3rd Regional Conference on Occupational Health on 5<sup>th</sup> April 2008 at Hotel P.J Hilton, Selangor Malaysia
4. Invited Speaker – Occupational Lung Diseases and Eye injury. Role of Occupational Health Nurses at Health Care Facilities Training. Hotel Grand Pacific, Kuala Lumpur 13 November 2009
5. Invited Speaker – Effective Occupational Health Programmes at the Workplace. National Seminar on Managing Emerging OSH Issues Effectively Through A Management System by Malaysian Society for Occupational Safety and Health Conference 22 December 2008
6. Invited Plenary Speaker – Occupational Health Concerns of Health Care Professionals. Seminars by the Society of Occupational and Environmental Health, Malaysian Medical Association 27 May 2008 at Kuching and 7 November at Kuala Lumpur.
7. Invited Speaker - Benefits of Social Security Organization and Occupational Medicine. University Malaya Medical Centre. 8 July 2008
8. Invited Speaker - Direction on the Role and Functions of the Occupational Safety and Health Committee Members. Internal Training by Corporate Affairs Department, University Malaya Medical Centre 26 November 2008

### ***Publications***

#### ***Chapter in books***

1. **Retneswari M** and Jayakumar G. 2008. The Need for Occupational Health for Health Care Professionals. Chapter in Occupational Health for Health care Providers- Caring for the Carers. ISBN NO 978-983-99128- 3-8. Malaysian Medical Association
2. **Retneswari M.**2008 Personal Protective Equipment for Health Care Professionals in Occupational Health for Health care Professionals -Caring for the Carers. ISBN number 978-983-99128-3-8. Malaysian Medical Association

3. **Retneswari M** and Jayakumar G.2008. (**Eds**)Occupational Health for Health care Providers - Caring for the Carers.ISBN NO 978-983-99128-3-8. Malaysian Medical Association
4. *Proceedings:*
5. Azlan D, Rosnawati M R, Veronica , Lugh V, Ganesh B, **Retneswari M**. 2008.Occupational Safety and Health among Health Care Professionals in a Teaching institute. Malaysian Journal of Public Health Medicine. 8(1):17
6. Su AT, Hoe VCW, **Retneswari M**, Htay Moe. A Cross-sectional Study on Hand Arm Vibration Syndrome among a Group of Construction Workers in Malaysia - Preliminary Findings. 2008. Malaysian Journal of Public Health Medicine. 8(1) :20
7. Lugh V, Ganesh B, **Retneswari M**, Darus A, Rosnawati MR, Sujatha D. Knowledge on Occupational Safety and Health among Health Care Professionals in Malaysia. 2008. Malaysian Journal of Public Health Medicine. 8(1) : 20
8. **Retneswari M**.Tuberculosis among Health Care Professionals. 2008. Malaysian Journal of Public Health Medicine. 8(1) : 6
9. **Retneswari M**, Sujatha D, Darus A, Rosnawati MR, V Lugh, Ganesh B. Occupational Safety and Health among Health Care Professionals in a Health care Institution in Malaysia. 2008 Malaysian Journal of Public Health Medicine. 8(1):31
10. **Retneswari M**, 2008. The New frontiers in Occupational Health Training. In Proceedings of the 40th Conference of Asia Pacific Academic Consortium for Public Health.pg 65

#### ***Others***

1. (40<sup>th</sup>) Asia Pacific Academic Consortium for Public Health – organizing committee member
2. Meeting with the Honourable Minister of Human Resource and the Board of Directors of National Institute of Occupational Safety and Health. Putrajaya 9 September 2008
3. Meeting with the Honourable Minister of Human Resource and the Medical Board, Appellate Medical Board and Special Medical Board. Putrajaya 8 August 2008
4. President of Kebajikan Yenipadiggal Society since 2005 till present

## **Dr. Sanjay Rampal**

### ***Position***

Head of Epidemiology and Biostatistics Unit, Department of Social and Preventive Medicine (University)

Manager, Clinical Investigative Centre, Faculty of Medicine, University of Malaya (University)

### ***Expertise (Research Interest)***

1. Biostatistics
2. Research Methodology
3. Population Health

### ***Research Projects***

1. Influence of lifetime occupation on muscle strength and functional ability
2. Assessment of children and families affected by HIV/AIDS
3. The Effect of Testosterone Therapy in Aging Men with Low Serum Testosterone Levels

### ***Consultancies & Special Services***

1. Secretary of CPHM, AMM, Member of International Epidemiological Association, MMA, ACRM
2. Manager, Clinical Investigative Centre, Faculty of Medicine, University of Malaya
3. Secretary, Clinical Investigation Centre Advisory Board
4. Secretary, College of Public Health Medicine, Academy of Medicine of Malaysia

### ***Professional Affiliation/Membership/Leadership***

1. Member, Malaysian Medical Association
2. Member, International Epidemiological Association
3. Steering Committee Member, National Cancer Patient Registry (NCPR) - Colorectal Cancer

### ***Presentations, Seminars & Courses***

1. Invited speaker, Introduction to GCP, Investigator's Responsibility, SC, Essential Documents, and Archiving. GCP Workshop, Faculty of Medicine, UM, 2-3 Dec 2008
2. Invited Speaker. Regression Analysis. 5th National Public Health Conference Pre Conference Workshop. 12-Nov-08. Organised by Malaysian Society of Public Health Physicians and Ministry of Health Malaysia
3. Speaker. Searching And Retrieving Literature, Critical Appraisal, Introduction to Meta Analysis Workshop. Systematic Review and Meta analysis. 22-24 Oct-08. Organised by SPM department, Faculty of Medicine, University of Malaya
4. Organising Committee. National Seminar on Health Technology Assessment. 9-10 Oct-08. Organised by HTA Section, Medical Development Division, Ministry of Health Malaysia and MaHTAS and College of Public Health Medicine, Academy of Medicine of Malaysia.

5. Invited Speaker. Introduction To Critical Appraisal, Statistics For Clinicians - An Overview, Rapid Critical Appraisal. 42nd Malaysia-Singapore Congress of Medicine Pre Congress Workshop. 31 July 2008. Organised by the Academy of Medicine of Malaysia
6. Invited Speaker. Investigator's Responsibility, Sc, Essential Documents, Archiving. Good Clinical Practice Workshop. 17-Jul-08. Organised by Clinical Research Centre Hospital Sultanah Aminah, Johor Bharu
7. Invited Speaker. Inferential Analysis and Analyzing Data. Stata Workshop. 10-11 Jul-08. Organised by Institute of Health System Research, Ministry of Health Malaysia.
8. Invited Speaker. Analyzing Clinical Research Data & Introduction To Diagnostic Testing. MERDU SPSS analysis workshop. 25-Jun-08. Organised by MERDU, Faculty of Medicine, University of Malaya
9. Invited Speaker. Clinical Trial Design, Protocol Development, Investigator's Responsibility, Ip, Essential Documents and Archiving. Good Clinical Practice Workshop. 24-26 Jun-08. Organised by Clinical Investigative Centre, UMMC, Malaysia.
10. Invited Speaker. Investigator's Responsibility, Sc, Essential Documents, Archiving. Good Clinical Practice Workshop. 26-May-08. Organised by Clinical Research Center, Sarawak General Hospital.
11. Invited Speaker. Study Design: A Clinician's Perspective. 2nd National Paediatric Research Conference. 28-Mar-08. Organised by College of Paediatrics, Academy of Medicine, Malaysia
12. Invited Speaker. One Way ANOVA. Biostatistics for Clinicians. 26-Mar-08. Organised by Clinical Investigation Centre, UMMC. (National)
13. Speaker. Survival Analysis In Medical Research. Course on Survival Analysis in medical research. 14-15 Feb-08. Organised by Department of Social and Preventive Medicine, Faculty of Medicine, UM.
14. Speaker. Probability Distributions and One Way ANOVA. Biostatistics for Clinicians. 30-Jan-08. Organised by CIC, UMMC.
15. Invited Speaker. Sampling Techniques & Sample Size Estimation, Descriptive Statistics and Good Clinical Practice. Research Methods: Introductory Course. 15-17 Jan-08. Organised by Health Research Development Unit, University of Malaya.

## ***Publications***

### ***Journal Articles***

1. Rampal L, **Rampal S**, Azhar MZ, Rahman AR. "Prevalence, awareness, treatment and control of hypertension in Malaysia: A national study of 16,440 subjects". Public Health 2008; 122(1): 11-18
2. Rampal L, **Rampal S**, Azhar MZ, Sherina MS, Mohamad T, Ramlee R, Ahmad J. A national study on the prevalence and factors associated with smoking amongst Malaysians aged 18 years and above. Malaysian Journal of Medicine and Health Sciences 2008; 4(2): 41-53

### ***Extended Abstract***

1. Ooi BP, Faizal MZ, Radzi M, Ching CH, Ahmad I, Kiew KK, Chin KL, **Rampal S**. Optimizing and Increasing Erythropoietin Dose Significantly Reduces Pack Cell Transfusion Requirement During Treatment of Chronic Hepatitis C with Pegylated Interferon Among Hemodialysis Patients. Med J Malaysia. Aug 2008; 63 Suppl B: 42.
2. Ooi BP, Faizal MZ, Radzi M, Ching CH, Ahmad I, Kiew KK, Chin KL, **Rampal S**. Effect of Increasing Erythropoietin Doses on Hemoglobin Levels During Treatment of Chronic Hepatitis C with Pegylated Interferon Among Hemodialysis Patients Med J Malaysia. Aug 2008; 63 Suppl B: 43.
3. Tai MLS, Sanjiv M, Siti H, **Rampal S**, Goh KL. Short Term Naso-Gastric Feeding in Hospitalised Patients with Advanced Cirrhosis: Preliminary Data from a Randomised Trial. Med J Malaysia. Aug 2008; 63 Suppl B: 57.
4. Noor Rizawati M, Noran Naqiah, **Mas Ayu S**, Sanjay R The prevalence of Home fall among the elderly in Masjid Tanah Province , Melaka, Malaysia Journal of Community Health 2008; 14(1): 59-60

### **Proceedings**

1. Moy FM, **Sanjay R**, Hoe VCW, Ng CW, Maznah D. 2008. Obesity among the elderly in rural Pahang in Malaysia, 2008. Proceedings of A Continuing Medical Education Conference by JAMA and NUHS. pg 26
2. Hoe VCW, Ng CW, Maznah D, **Sanjay R**, Moy FM, Choo WY, S Noor Ghani, Noorlaili AZ, Roshidi I. 2008. Public health policies and the indigenous people of Malaysia. Proceedings of The International Conference on Indigenous People (ICIP). pg 14.
3. Chong HY, **Rampal S**, Saad M, Bustam AZ, Taib NA, Yip CH. Outcome of locally advanced breast cancer in UMMC - Is primary surgery a better option? Proceedings from Malaysian Oncological Society Annual Scientific Meeting Sabah 2008. Page 48
4. Samsudin S, **Rampal S**, Taib NA, Yip CH. Institutional inclusion criteria for sentinel lymph node biopsy for breast cancer: a study of two cohorts for predictors of node negativity. Proceedings from Malaysian Oncological Society Annual Scientific Meeting Sabah 2008. Page 46
5. Rampal L, **Rampal S**, Azhar M, Taha M, Sidik SM. Prevalence and factors associated with Metabolic Syndrome in Malaysia. Presented at: Metabolic Disorders: An Integrated Approach to Healthy Living. Fourth Malaysian Conference & Exhibition on Healthy Ageing. 28-30 March 2008, Kuala Lumpur, Malaysia
6. Chong WP, Yap WF, **S Rampal**, Azman W. Short and long term clinical outcome of female patients with STEMI. Annual Scientific Meeting National Heart Association of Malaysia 2008.
7. **Rampal S**, Rampal L, Md Zain A, Mohamed M, Mohamad Taha A. Differences in the prevalence of diabetes mellitus in urban and rural Malaysia: a problem of urbanization. Recent Trends in Diabetes, Obesity, and Metabolic Syndrome. Organized by JAMA and NUHS. pg 23
8. Jabar N A, **Rampal S**, Roshidi Ismail, Ahmad Fauzi Md Sharif. Validation of Malay version of Activities of Daily Vision Scale (ADVA-M) in UMMC, Malaysia. The 40th Asia Pacific Academic Consortium for Public Health Conference, 7-9 Nov 2008, Kuala Lumpur. Pg 132

9. Noor Rizawati M, Noran Naqiah, Mas Ayu S, **Sanjay R.** Home Environment and Fall Among the Elderly In Masjid Tanah Province, Melaka, Malaysia. In Proceedings of The 40<sup>th</sup> Conference of Asia – Pacific Academic Consortium for Public Health. Pg 182.
10. Maznah D, Ng CW, Moy FM, **Sanjay R**, Hoe VCW, S. Noorlaili. 2008. Breast Cancer awareness and BSE Practice among Females of Pahang, Malaysia. The 40th Asia Pacific Academic Consortium for Public Health Conference, 7-9 Nov 2008, Kuala Lumpur. Pg 118.

#### ***Books***

1. Rahman ARA, Kamarudin AS, Das A, Kaur G, Kamaluddin MA, Yew NY, Gunavathy S, **Rampal S**, Sivashumugam S, Yusoff AFH. Hypertension and Hypercholesterolemia. Chapter in The Third National Health and Morbidity Survey (NHMS III, 2006). Institute for Public Health (IPH), Ministry of Health, Malaysia 2008. ISBN 978-983-3387-15-6.
2. GCC Lim, **S Rampal**, Y Halimah (Eds). Cancer Incidence in Peninsular Malaysia, 2003-2005. National Cancer Registry. Kuala Lumpur 2008.

#### ***Others***

Supervised 14 postgraduate students in 2008, of whom, 7 have graduated

## **Dr. Nabilla Al-Sadat Abdul Mohsein**

### ***Position***

Senior Lecturer and Public Health Specialist

Head of Family Health Unit, SPM

PBL (Problem based learning) Committee (Faculty level)

Undergraduate Coordinator of the MBBS Programme for the Department

### ***Expertise (Research interest)***

1. Adolescent Health
2. Tobacco Economics
3. Behavioural Science

### ***Research Projects***

1. University of Malaya Adolescent Health Research Group (co-investigator) (PJP FS251/2008A- RM20425)
2. Conjoint Principal Researcher Of Special project (MHICO - account number- 8121124) Worth Rm200,000
3. Pilot study on scoliosis screening for primary school children in Malaysia (co-investigator) (MOH- RM50, 000)
4. Co-investigator of "Breast Cancer screening practices among staff of UMMC ". (PJPFs/2008- RM69, 000.00

### ***Consultancies & Special Services***

1. Member of the Technical Group for National Adolescents Health Plan (Consultant level).
2. External Thesis Examiner/Reader for the MPH Programme in UKM (External examiner)
3. Reviewer for International Journal of Science, Medicine and Education (IEJSME)
4. Appointed as Consultant Lecturer-Advisor of Baktisiswa Project MBBS Year 2, 2008-2009

### ***Awards & Recognition***

Received certificates of appreciation from:

1. Ministry of Health for contributions in the KL Declaration of Primary Health Care, @ Primary Health Care Conference (National level), March 2008
2. Dean, Faculty of Medicine for contributions in the 40th APACPH (Asia-Pacific level) Conference On Public Health, November 2008

### ***Professional Affiliation/Membership/Leadership***

1. Organizing Committee for Primary Health Care Conference (National level), March 2008

2. Organizing Committee for the "Training Workshop For Facilitators, Faculty of Medicine, UM" April 2008 (Faculty level)
3. Organizing Committee Member (Secretariat) for APA-PHS (Asia Pacific level) Conference on PBL, October 2008
4. Organizing Committee Member (Scientific Committee And Publicity Committee) of the 40th APACPH (Asia-Pacific level) Conference on Public Health, November 2008
5. Lifetime member of PPIUM (PERSATUAN PERUBATAN ISLAM MALAYSIA), MERCY (MALAYSIAN EMERGENCY RELIEF SOCIETY), MMA (MALAYSIA MEDICAL ASSOCIATION) and MALAYSIAN PUBLIC HEALTH SPECIALISTS SOCIETY,
6. Fellow of WHO-TOBACCO CONTROL ORGANISATION and Member of SEATCA (SOUTHEAST ASIA TOBACCO CONTROL ASSOCIATION)
7. Founder member of My-Watch (Malaysian Women Against Tobacco) and volunteer
8. Member of Asia-Pacific Association on PBL in Health Sciences, Member for Malaysian Association for Adolescent Health (MAAH)

#### ***Presentations, Seminars & Courses***

1. Presented (Poster) at International level. Al-Sadat N, Syed Abdul Kadir SL. Ethnic Inequalities in life satisfaction among adolescents in Malaysia. Proceedings of Presidential Spring Scientific meeting, British Association for the study of Community Health and Dentistry, 17-20 March 2008, York, United Kingdom.
2. Invited as panelist in the "Seminar kebangsaan kependidikan dan halatuju belia dan remaja 23hb. Feb. 2008
3. Speaker and Course Coordinator of Course on Empowering Families through Sexual and Reproductive Health 3- 4 March 2008, Faculty of Medicine, University of Malaya. Organised by Department of Social and Preventive Medicine, Faculty of Medicine, University Malaya.
4. Submission to present at the World conference on Tobacco or Health (WCTOH) 2009 in Mumbai, India was accepted 23 July 2008.

#### ***Publications***

1. Al-Sadat N, Binns C. Exploring why girls smoke in Malaysia - a qualitative approach. Asia Pacific Journal of Public Health; October 2008; 20(Suppl): 6-14.

2. Shima M, Saimy I, Moy FM, Nabilla AS, Ghazali O. The prevalence of sleep disturbances among nurses in Melaka Hospital. Journal of Community Health 2008; 14(1): 42-43
3. Submitted PhD Thesis "Predictors Of Smoking Amongst Adolescents in Malaysia" For Examination May 2008.

**Others**

1. Supervision - Academic Supervisor of 8 MPH Postgraduate Students
2. Teaching contribution – Involved In Teaching Of MBBS Year 2 (Nutrition, Health Promotion and Family Health), Year 3 (Family Health) and MPH Year 1-4 Students (Coordinator, lecturer and facilitator of Principles of Family Health, Women, Child and Adolescent Health, Society and Behavioural Science and Public Health Nutrition modules in Year 1, Lifetime Health (MOHX7308), Nutrition and Lactation Management (MOHX7309) modules in Year 2, progress reports in Year 3 and 4)
3. Involved in the accreditation process during the MQA (Malaysian Qualification Authority) visit in November 2008

## **Dr. Norlaili Abdul Aziz**

### ***Position***

Senior Lecturer

### ***Expertise (Research interest)***

1. Women's Health
2. Behavioural Research
3. Food and Nutrition

### ***Research Projects***

1. Pap Smear Screening
2. Breast Cancer Screening
3. Health-related behaviours

### ***Consultancies & Special Services***

1. Reviewer for Food Safety and Hygiene

### ***Awards & Recognition***

1. Won Third Prize for MMA essay competition on Ethics Day, 2008

### ***Professional Affiliation/Membership/Leadership***

1. Chairman, PUSPANITA (Women's Civil Service Association) for Economic Planning Unit, Prime Minister's Department since 2003
2. Life member MMA, Muslim Medical Association, Public Health Doctor's Association, Society Anti Aging and Aesthetic Medicine Malaysia.
3. Member of Asia-Pacific Association on PBL in Health Sciences (Year 2008/2010) Membership No: OM32/08
4. Council Member for Malaysian Association for Adolescent Health (MAAH) since 2008.

### ***Presentations, Seminars & Courses***

1. Kursus Asas Kaunseling, 17 Disember 2008, anjuran Fakulti Perubatan, Universiti Malaya.
2. "Asian Breast Cancer Research Meeting", 15<sup>th</sup> November 2008, Faculty of Medicine, University of Malaya.
3. 40<sup>th</sup> APACPH Annual Conference 7-9<sup>th</sup> November 2008, Renaissance Hotel, Kuala Lumpur.
4. 6<sup>th</sup> Biennial Conference of the Asia-Pacific Association on PBL in Health Sciences (APA-PHS) 15-16 October 2008, Eastin Hotel, Kuala Lumpur.
5. Effective and Efficient Disaster Management, 23 July 2008, at Faculty of Medicine, University of Malaya, Kuala Lumpur.

6. Food and Health, "You Are What You Eat", 28<sup>th</sup> June 2008, at Pusat Sains Negara, Kuala Lumpur.
7. GIS Workshop 2008, "Integrating GIS and Statistics in Social Science Research", 17-19<sup>th</sup> June 2008, Department of Geography, University of Malaya.
8. 2<sup>nd</sup> Adolescent Health Learning Market Symposium "Love Is Respect", 15<sup>th</sup> June 2008, Hotel Istana, Kuala Lumpur, organized by MAAH and MMA.
9. Survival Analysis, 14-15<sup>th</sup> February 2008, Department of Social and Preventive Medicine, University of Malaya
10. Multiple Logistic Regression in Medical Research, 13-14<sup>th</sup> February 2008, Department of Social and Preventive Medicine, University of Malaya.
11. Seminar Kebangsaan "Transformasi Kebajikan: Memperkasa dan Membangun Masyarakat", 12 Januari 2008, Hotel Crown Princess, Kuala Lumpur

#### **Presentation**

1. Poster presentation at 40<sup>th</sup> APACPH Conference 7-9 November 2008, Kuala Lumpur "Factors Associated with Practice of Pap Smear in Pahang, 2008"
2. International Conference on Indigenous People, 29-31 July 2008, University of Malaya, "Public Health Policies and the Indigenous Peoples of Malaysia".
3. Oral presentation on "Pap Smear Screening Practices in Malaysia, 11<sup>th</sup> NIH Scientific Conference, 23-25<sup>th</sup> October 2008, Institute of Health Management, Ministry of Health, Kuala Lumpur.

#### **Publications**

1. **Norlaili AA (2007).** Integrity – What it means for the Malaysian Food Industry. Malaysian Journal of Public Health Medicine; Vol 7(1): 2007 2-4
2. Nik Nairan A. **Norlaili AA (2008).** Do female employees with family history of breast cancer attend mammography screening at University of Malaya Medical Centre? Malaysian Journal of Medicine (*pending*)
3. **Norlaili AA (2008).** Traditional and Complementary Medicine: An ethical dilemma, Malaysian Journal of Public Health Medicine (*pending*)
4. **Norlaili AA,** Nabilla Al-Sadat M, Maznah D, Saimy I, Rafdzah AZ (2008). Factors affecting pap smear screening among women 20-60 years in Pahang, 2008. Malaysian Journal of Public Health Medicine (*pending*)

***Others***

1. Invited speaker: Training Course for senior staff of MARDI, Topic: “Diri dan Kesehatan and Pemakanan dan Kebersihan” on 12 February 2008, The Summit Subang USJ, Petaling Jaya.
2. Invited speaker: Parenting Course at LPPKN
3. Invited Lecturer: Course on Food Safety and Hygiene for Masters Public Health, UKM
4. Member of Vetting Committee MBBS Phase II
5. Academic Advisor MBBS Phase II

## **Dr. Noran Naqiah Mohd Hairi**

### ***Position***

Senior Lecturer, currently PhD Candidate with The School of Public Health, University of Sydney, Australia.

### ***Expertise (Research interest)***

1. Public health and epidemiology
2. Chronic Disease Epidemiology
3. Geriatric Medicine – Epidemiology of Aging and aging related diseases

My main research interest is in the epidemiology of aging and aging related diseases particularly in issues such as visual impairment, age-related eye diseases, injuries and fall, physical and mental disability.

### ***Research Projects***

1. Injuries and Falls among Community Dwellers Older People in Alor Gajah, Melaka ( Role : Principal Investigator; Fundamental Grant: FS048-2007A ; RM 75,000; Duration 2007 - 2009) List of investigators : Dr. Noran Naqiah Hairi (PI), Dr. Mas Ayu Said, Dr Izunna Mudla M. Ghazali, Prof Awang Bulgiba Awang Mahmud and Dr. Noor Rizawati Mahpot.
2. Physical Disability and Functional Limitation among Older People in Australia and Malaysia – using the New South Wales Older People Health Survey (NSW OPHS), Alor Gajah Health Survey and Concord Health and Aging in Men Project (CHAMP). This is my PhD project under the supervision of Prof Robert Cumming and Dr. Vasi Naganathan from the University of Sydney, Australia.
3. Influence of lifetime occupation on muscle strength and functional ability (Role : Co-investigator; PJP; RM 73,200 ; Duration 2008 – 2009). Investigators : Sanjay Rampal (PI), Noran Naqiah Hairi, Marzuki Ishak, Moy Foong Ming, Maznah Dahlui, Ng Chiu Wan, Choo Wan Yuen, Norlaili Abdul Aziz

### ***Consultancies & Special Services***

#### ***Reviewer***

1. Journal of the University Malaya Medical Centre
2. Malaysian Journal of Public Health Association

### ***Awards & Recognition***

1. Excellence of Service Certificate 2008, Faculty of Medicine, University Malaya.
2. Second place for best poster presentation at the 40<sup>th</sup> Asia Pacific Consortium of Public Health (APACPH) Conference (7<sup>th</sup> – 9<sup>th</sup> Nov 2008)

***Professional Affiliation/Membership/Leadership***

1. Malaysian Medical Association (MMA) – member
2. Malaysian Association of Public Health Specialist – member
3. Academy of Medicine Malaysia, College of Public Health

***Presentations, Seminars & Courses***

1. Noran N Hairi, Robert G Cumming, Vasi Naganathan, Fiona M Blyth. Role of Modifiable Lifestyle risk factors to functional limitation among older people. 40<sup>th</sup> Asia Pacific Consortium of Public Health (APACPH) Conference, 7<sup>th</sup> – 9<sup>th</sup> Nov 2008.
2. Rahayu Lubis, Awang Bulgiba, NH Noran, Adeeba Kamaruzaman. A 21-year review of HIV/AIDS patients seen in the University of Malaya Medical Centre. 40<sup>th</sup> Asia Pacific Consortium of Public Health (APACPH) Conference, 7<sup>th</sup> – 9<sup>th</sup> Nov 2008.
3. Noor Rizawati Mahpot, Noran Nagiah M Hairi, Mas Ayu Said, Sanjay Rampal. Home Environment and fall among the elderly in Masjid Tanah Province, Melaka, Malaysia. 40<sup>th</sup> Asia Pacific Consortium of Public Health (APACPH) Conference, 7<sup>th</sup> – 9<sup>th</sup> Nov 2008.

***Publications***

1. Latifah A. Rahman, Noran N Hairi, Nooriah Salleh. Association between pregnancy induced hypertension and low birth weight; a population based case control study. Asia Pacific Journal of Public Health. 2008; 20 (2): 152-158.
2. N. Odhayakumar, Helen Tee Guat Hiong, Gurpreet Kaur, Paramesvarathy Ramanathan, Yusnida Yusof, M. Ikhsan Selamat, Noran Nagiah Hairi, Omar Minhat, Farizah Hairi, Lee Han Lim, Ahmad Faudzi Yusoff. Dengue Prevention Practice. The Third National Health And Morbidity Survey, 2006 (NHMS III). Institute For Public Health, National Institutes of Health, Ministry of Health Malaysia. 2008.

# **Dr Mas Ayu Said**

## ***Position***

Senior Lecturer

## ***Expertise (Research interest)***

1. Communicable disease- Chikungunya and Rubella
2. Non communicable disease- Psychiatric Epidemiology

## ***Research Projects***

1. Home environment and fall at home among the elderly in Masjid Tanah Province (MPH dissertation supervision), 2006-2008
2. Risk factors for diabetic foot ulcer in University Malaya Medical Centre (UMMC)(MPH dissertation supervision), 2005-2008
3. Depression among acute coronary syndrome patients in University Malaya Medical Centre (MPH dissertation supervision), 2006-2008
4. Seroprevalence of Chikungunya in Bagan Panchor, Perak (2007-2008)

## ***Consultancies & Special Services***

1. Reviewer- Medical Journal of Malaysia

## ***Professional Affiliation/Membership/Leadership***

1. Persatuan Pakar Perubatan Kesihatan Awam Malaysia
2. Persatuan Kakitangan Akademik Universiti Malaya

## ***Presentations, Seminars & Courses***

### ***Conferences***

1. XXVI CINP Congress Collegium International Neuro-Psychopharmacologicum 13-17 July 2008 Munich, Germany
2. Service utilization and cost associated with switching to Risperadone from previous treatment with typical antipsychotic agents.
3. Subgroup analysis of Malaysia patients in a randomised, placebo-controlled relapse-prevention study with Escitalopram in obsessive-compulsive disorder. 15<sup>th</sup> National Public Health Colloquium, 26<sup>th</sup> – 27<sup>th</sup> August 2008, Crown Princess Hotel, Kuala Lumpur
4. Misliza A Mas Ayu S Nooriah MS. Socio demographic and lifestyle factors as the risk of Diabetic foot ulcer in University Malaya Medical Centre (UMMC).Journal of Community Health:14(1): 41-42

5. Masitah M, Mas Ayu S, Wan Azman WA. Prevalence of depression following Acute Coronary syndrome in University Malaya Medical Centre, Kuala Lumpur. *Journal of Community Health*:14(1): :53
6. Noor Rizawati M, Noran Naqiah, Mas Ayu S, Sanjay R. The Prevalence of Home fall among the elderly in Masjid Tanah Province , Melaka, Malaysia *Journal of Community Health*:14(1): :59-60
7. 5<sup>th</sup> Global Telphinet Scientific Conference, 1-6 November 2008, Renaissance Hotel, Kuala Lumpur-participant
8. APACPH Conference 7<sup>rd</sup> – 9<sup>th</sup> November 2008, Renaissance Hotel Kuala Lumpur
9. Noor Rizawati M, Noran Naqiah, **Mas Ayu S**, Sanjay R. Home Environment and Fall Among the Elderly in Masjid Tanah Province, Melaka, Malaysia. In *Proceedings of the 40<sup>th</sup> Conference of Asia – Pacific Academic Consortium for Public Health*. Pg 182.
10. Masitah M, **Mas Ayu S**, Wan Azman. Depression Following Acute Coronary Syndrome: A Cross-Sectional Study in University Malaya Medical Centre Kuala Lumpur. In *Proceedings of The 40<sup>th</sup> Conference of Asia – Pacific Academic Consortium for Public Health*. Pg 156-157.
11. Misliza A, **Mas Ayu S**, Nooriah MS. Risk Factors for Diabetic Foot Ulcer in University Malaya Medical Centre (UMMC). In *Proceedings of the 40<sup>th</sup> Conference of Asia – Pacific Academic Consortium for Public Health*. Pg 156.

### **Courses**

1. 42<sup>nd</sup> Malaysia-Singapore Congress of Medicine, Pre-Congress Concurrent workshops, 31<sup>st</sup> July 2008 Shangri-La Hotel, KL (Conducted workshop on Critical appraisal )
2. Multiple logistic Regression Course: 13-14 Feb 2008 SPM Department, FOM, UM – participant
3. Survival Analysis Workshop 14-15 Feb 2008 SPM Department, FOM, UM -participant
4. Evidence Based Practice workshop –“Evidence based medicine for clinical practice” University of Oxford, United Kingdom 7-9 April 2008 - training as facilitator
5. Evidence based clinical practice -workshop under Euro Asia Link Project University of Malaya 14-16 April 2008 - speaker and facilitator
6. EndNote X1 workshop programme - bibliography software SPM Department 7-5-2008 – participant

7. Training in clinical trial, Port Dickson 10 June 2008, Department of Psychological Medicine, UMMC. –participant
8. GIS Workshop 2008 - integrating GIS and Statistics in Social Science Research Jabatan Geografi, UM 17- 19 June 2008 – Participant
9. Systematic review and Meta Analysis 22-24 October 2008 SPM Department – Participant
10. How to conduct a Cochrane Systematic Review, 30<sup>th</sup> October 2008, IMU - Participant
11. 2<sup>nd</sup> December 2008, Good Clinical Practice Workshop (GCP)
12. Invited speaker - Clinical Trial Design
13. 13<sup>th</sup>-14<sup>th</sup> December, “Workshop on Statistics for psychiatrist and Evidence Based Medicine”, Swiss Garden Hotel. Lumut- Conduct workshop
14. 15<sup>th</sup>- 18<sup>th</sup> December 2008. Asia link workshop, Clinical Epidemiology – clinical trial – participant

## **Dr. Victor Hoe Chee Wai Abdullah**

### ***Position***

Senior Lecturer

### ***Expertise (Research interest)***

1. Health Risk Assessment
2. Musculo-skeletal Diseases
3. Environmental Health

### ***Research Projects***

1. Mercury Levels in Newborn Cord Blood and Maternal Blood and the Association with the Ante partum Consumption of Seafood of Pregnant Mothers in UMMC, Principal Investigator (PI), 2008-2009
2. Influence of Lifetime Occupational on Muscle Strength and Functional Ability, Co-Investigator, 2008-2009
3. Prevention of Chronic Diseases at Worksite, Co-Investigator, 2007-2008
4. A Cross-Sectional Study on Hand-Arm Vibration Syndrome among Construction Workers Contracted to a Private Construction Company in Selangor, Malaysia, Co-Investigator, 2006-2008
5. UMMC Wellness - worksite wellness, Principal Investigator (PI), 2005-2008,

### ***Consultancies & Special Services***

1. Reviewer for J Reviewer for Asia-Pacific Journal of Public Health
2. Chemical Health Risk Assessment project with Hospital Kuala Lumpur
3. Occupational Health Physician with UMMC

### ***Professional Affiliation/Membership/Leadership***

1. Committee Member, Society of Occupational and Environmental Medicine.
2. Member of the Malaysian Medical Association
3. Member of the Asia Diving and Hyperbaric Medicine Association
4. Member of the Malaysia Industrial Hygienists Association
5. Scientific Committee Member and Webmaster for the 40<sup>th</sup> APACPH Conference in Kuala Lumpur, 7-9 Nov 2008
6. Organising Committee Member and Facilitator for Workshop on The Practice of Evidence Based Medicine, 14 Apr 2008 to 16 Apr 2008
7. Organising Committee Member and Webmaster for the 3<sup>rd</sup> Regional Conference on Occupational Health in Kuala Lumpur, 3-5 April 2008
8. Organiser, Seminar on Occupational Health Concerns of Radiation Workers, 25 Jan 2008

### ***Presentations, Seminars & Courses***

1. Poster Presentation: Reproductive Health Outcome from Workplace Exposure to Chloroform and Volatile Organic Compound (VOC), at the 40th Asia Pacific Academic Consortium for Public Health Conference: Global Public Health Challenges, 07 Nov 2008 to 09 Nov 2008.
2. Invited Speaker: Chemical Safety and Hazards in Laboratory, Institute of Medical Research Occupational Safety and Health Week, 10 Jul 2008
3. Invited Speaker: Ergonomics and Healthy Work Practice and Ergonomics and Healthy Work Practices, Chemistry Department Occupational Safety and Health Week, 9 Jul 2008, Chemistry Department, Ministry of Science, Technology and Innovation Malaysia

### ***Publications***

1. Su Ta, Hoe VCW. Reliability of a Malay-translated questionnaire for use in a hand-arm vibration syndrome study in Malaysia. Singapore Med J 2008; 49 (12): 1038. (ISI-Cited Publication)
2. Su AT, Hoe VCW, Retneswari M, Htay Moe. A Cross Sectional Study on Hand Arm Vibration Syndrome among a Group of Construction Workers in Malaysia. Malaysian Journal of Public Health Medicine. Vol 8 (1) 2008 (Non-ISI/Non-SCOPUS Cited Publication)
3. Chang EWH, Kee KW, Toh TH , Siow CS, Leong YH, ( CRP Bentong Group), Hoe VCW, Moy FM, Handgrip Strength Of Rural Elderly In Pahang, Malaysia. The 40th Asia Pacific Academic Consortium For Public Health Conference, 7-9 Nov 2008, Kuala Lumpur. Pg 126 (Non-ISI/Non-SCOPUS Cited Publication)
4. Maznah D, Ng Cw, Moy FM, Sanjay R, Hoe VCW, S. Noorlaili. 2008. Breast Cancer Awareness and B.S.E. Practice among Females of Pahang, Malaysia. The 40th Asia Pacific Academic Consortium For Public Health Conference, 7-9 Nov 2008, Kuala Lumpur. Pg 118 (Non-ISI/Non-SCOPUS Cited Publication)
5. Moy FM, HOE VCW, Phoay CLT, Rosmawati M. 2008. Cardiometabolic Risk of Employees in a Medical Centre in Kuala Lumpur. 40th Asia Pacific Academic Consortium For Public Health Conference, 7-9 Nov 2008, Kuala Lumpur. Pg 157 (Non-ISI/Non-SCOPUS Cited Publication)
6. Norlaili AA , Rafdzah AZ, Maznah D, Rampal S, Ng CW, HOE VCW, Marzuki I, Moy FM, Choo WY, 2008. Factors Associated with Practice of Pap Smear among Women 20-60 Years in Pahang, Malaysia. 40th Asia Pacific Academic Consortium For Public Health Conference, 7-9 Nov 2008, Kuala Lumpur. Pg 171 (Non-ISI/Non-SCOPUS Cited Publication)

7. Hoe VCW, Che Rosmani CH, 2008. Reproductive Health Outcome from Workplace Exposure to Chloroform and Volatile Organic Compound (Voc). 40th Asia Pacific Academic Consortium For Public Health Conference, 7-9 Nov 2008, Kuala Lumpur. Pg 174 (Non-ISI/Non-SCOPUS Cited Publication)
8. Hoe VCW, Ng CW, Maznah D, Sanjay R, Moy FM, Choo WY, Ghani SN, Noorlaili AZ, Roshidi I. 2008. Public Health Policies and the Indigenous People of Malaysia. Proceedings of the International Conference on Indigenous People (Icip). Organised by The Centre for Poverty and Development Studies, University Of Malaya. Kuala Lumpur. 29 -31 July 2008. Pg 14.
9. Moy FM, Sanjay R, Hoe VCW, Ng CW, , Maznah D. 2008. Obesity among the Elderly in Rural Pahang in Malaysia, 2008. Proceedings of a Continuing Medical Education Conference. Recent Trends in Diabetes, Obesity and Metabolic Syndromes. Organised by JAMA and National University Health System. Singapore. 1-2 August 2008. Pg. 26. (Non-ISI/Non-SCOPUS Cited Publication)

#### ***Others***

1. Webmaster for the Department of SPM website (<http://spm.um.edu.my>)
2. Webmaster for the 40<sup>th</sup> APACPH Conference website (<http://apacph2008.um.edu.my>)
3. Webmaster for the 3<sup>rd</sup> RCOH website (<http://www.rcoh.org.my>)

## **Dr. Htay Moe**

### ***Position***

Senior Lecturer, Occupational and Environmental Health Unit

### ***Expertise (Research interest)***

1. Environmental Health
2. Injuries Prevention and Control

### ***Research Projects***

Principal Investigator

1. Modeling the Risk Factors of Road Traffic Injuries among patients seeking care in University Malaya Medical Centre: A Cohort Study. Vote F. RM 28,000.

Co-investigator

1. Veronica Lugar. Prevalence of natural rubber latex allergy among Health Care Workers in University Malaya Medical Centre, Kuala Lumpur. PPP. RM 5,000. PTj PPUM. RM 4,608.90.
2. Rosnawati Binti Muhamad Robat. Occupational Stress among nurses in District and Health Centres of Temerloh, Pahang. PPP. RM 2,000.
3. Ariza Zainuddin. Physical Activity, Energy Expenditure and Dietary Intake among over weight and normal weight Secondary School Students in Bentong, Pahang. PPP. RM 500.
4. Navjeet Kaur Mohan Singh. Prevalence of stress among the Blue collar and White collar workers in an International Tobacco Company. PPP. RM 5,000.

*Candidates supervised in the year 2008:*

1. Dr. Veronica Lugar. MPH (OH). Prevalence of natural rubber latex allergy among Health Care Workers in University Malaya Medical Centre, Kuala Lumpur.
2. Dr. Rosnawati Binti Muhamad Robat. MPH (OH). Occupational Stress among nurses in District and Health Centres of Temerloh, Pahang.
3. Dr. Ariza Zainuddin. MPH (FH). Physical Activity, Energy Expenditure and Dietary Intake among over weight and normal weight Secondary School Students in Bentong, Pahang.
4. Dr. Navjeet Kaur Mohan Singh. MPH (OH). Prevalence of stress among the Blue collar and White collar workers in an International Tobacco Company.
5. Dr. Mamoun Osman Elkhidir Alawad. MPH Year 1.

6. Dr. Nadir Badreltamam Saad Ahmed. MPH Year 1.
7. Dr. Vivekanandan a/I V Nallathambi. MPH Year 1.
8. Mr. Mohmoud Ali Mohammed Fadlallah. MMedSc PH.

#### ***Consultancies & Special Services***

1. Reviewer of the Asia-Pacific Journal of Public Health.

#### ***Professional Affiliation/Membership/Leadership***

1. Member of the Malaysian Medical Association
2. Member of the Society of Occupational and Environmental Medicine
3. Fellow of the Royal Institute of Public Health (UK)
4. Life Member of the Malaysian Senior Scientists Association
5. Committee member of the 40<sup>th</sup> APACPH Annual Conference
6. Member of the Injury Research Group, Faculty of Medicine

#### ***Presentations, Seminars & Courses***

1. Invited speaker, International Conference on “Values, Environment and the Future of Civilisation”, Shah Village Hotel, 3-4<sup>th</sup> June 2008.
2. Topic: Health and Environmental Hazards of Flash-floods in Kuala Lumpur, and Prevention and Control.
3. Coordinator and speaker, Seminar on “Effective and Efficient Disaster Management”, Faculty of Medicine, University of Malaya, 23<sup>rd</sup> July 2008.
4. Topic: Introduction to Disasters and Management.

#### ***Publications***

1. Moe H. Road Traffic Injuries among patients who attended the Accident and Emergency Unit of the University of Malaya Medical Centre, Kuala Lumpur. Journal of UMMC 2008; 11(1), 22-26.
2. Moe H. Health and Environmental Hazards of Flash-floods in Kuala Lumpur, and Prevention and Control. Proceedings of the International Conference on “Values, Environment and the Future of Civilization”, Shah Village Hotel, Centre for Civilisational Dialogue, University of Malaya.

#### ***Others***

1. Life Member of the Malaysian Buddhist Society
2. Member of the Menara Jaya Condo Residents Association.

## **Dr Ng Chiu Wan**

### ***Position***

Senior Lecturer

### ***Expertise (Research interest)***

Health economics, health financing and health policy - with a focus on the equity aspects of the delivery and financing of health care.

### ***Research Projects***

1. Equity in the delivery and financing of health care in Asia Pacific Region (multi-country collaboration under the Equity in Asia Pacific Health Systems Network)
2. Progressivity analysis of health care financing in Malaysia (PJP funding)
3. Socio-economic consequences for households affected by the Nipah Virus Encephalitis in Bukit Pelanduk, Negeri Sembilan (IRPA funding)
4. Gender and ethnic dimensions of changes in the leading causes of deaths in Malaysia, 1970-2004 (collaboration with Faculty of Economics and Administration, UM)
5. Equity concerns regarding the distribution of household out-of-pocket payments for health care in Malaysia (PJP funding)

### ***Consultancies & Special Services***

1. Ad-hoc reviewer for the Asia-Pacific Journal of Public Health
2. Member of the Malaysia National Health Accounts Working Committee, Ministry of Health.

### ***Awards & Recognition***

1. Excellent Service Certificate for 2008 (UM)

### ***Professional Affiliation/Membership/Leadership***

1. Member of the International Health Economics Association
2. Member of the Academy of Medicine, Malaysia
3. Member of the Malaysian Health Economics Association
4. Head, Finance Sub-committee of the 40<sup>th</sup> Asia Pacific Academic Consortium of Public Health Annual Conference. 8<sup>th</sup> – 9<sup>th</sup> November 2008. Kuala Lumpur, Malaysia.
5. Member of Scientific Committee of the 1<sup>st</sup> Asia Pacific Conference on Health Policy and Planning in an Era of Emerging Technology and Cancer. Jointly organised by the Ministry of Health, Malaysia and the College of Public Health Medicine, Academy of Medicine of Malaysia. 17<sup>th</sup> – 18<sup>th</sup> November 2008. Kuala Lumpur Malaysia.

## ***Presentations, Seminars & Courses***

### ***Paper Presentation in Conferences:***

1. Moy FM, Sanjay R, Hoe VCW, Ng CW, Maznah D. Obesity among the elderly in rural Pahang in Malaysia, 2008. Paper presented at the Continuing Medical Education Conference. Recent Trends in Diabetes, Obesity and metabolic Syndrome. Organised jointly by JAMA and National University Health System. Singapore, 1-2 August 2008.
2. Maznah D, Ng CW, Moy FM, Sanjay R, Hoe VCW, S. Noorlaili. Breast Cancer awareness and BSE Practice among Females of Pahang, Malaysia. paper presented at the 40th Asia Pacific Academic Consortium for Public Health Conference. Kuala Lumpur, Malaysia. 7-9 Nov 2008.
3. Hoe V C W, Ng C W, Dahlui M, Rampal S, Moy F M, Choo W Y, Ghani S N, Aziz A N, Ismail R. *Public Health Policies and the Indigenous Peoples of Malaysia*. Paper presented at the International Conference on Indigenous Peoples. Organised by the Centre for Poverty and Development Studies, University of Malaya. Kuala Lumpur, Malaysia. 29 – 31 July 2008.
4. Nagaraj S, Balakrishnan B, Tey NP, Ng C W. *Gender and ethnic dimensions of changes in the leading causes of death in Malaysia, 1970-2004*. Paper presented at the 14<sup>th</sup> Biennial Conference of the Australian Population Association. 30 June – 3 July 2008.

### ***Invited Speaker in Workshops:***

1. Hospital Cost Accounting Course, 17<sup>th</sup> – 18<sup>th</sup> March 2008. Organised by the Department of Social and Preventive Medicine
2. Basic Health Economics and Financing of Health Services Course, Melaka, 27<sup>th</sup> – 28<sup>th</sup> November 2008. Organised by the Institute for Health Systems Research, Ministry of Health, Malaysia

## ***Publications***

### ***Peer-reviewed Journals***

1. Nagaraj S, Tey N P, Ng CW, Balakrishnan A. (2008) Ethnic Dimensions of Gender Differentials in Mortality in Malaysia. ***Journal of Population Research***, 25(2), 87-110.
2. Nagaraj S, Lee H K, Tey N P, Ng C W, Pala J. 2008. Counting and Integration: The Experience of Malaysia. Accepted for publication in the Malaysian Journal of Economic Studies.

*Book chapters*

1. Ng CW. (2008). Paying for and using health care services in Malaysia. Has the poor been treated fairly. In the Proceedings of the International Conference on Poverty and Distribution Amidst Diversity. Federicks LJ, Nair S (eds). Kuala Lumpur, Malaysia.
2. Maznah D, Ng CW. (2008) Section 7: International – Disease and Health Management around the World. Chapter in ISPOR book: Reliability and Validity of Data Sources for Disease and Health Management

## **Dr. Maznah Dahlui**

### ***Position***

Lecturer

### ***Expertise (Research interest)***

Health Economics and Women's Health

### ***Research Projects***

1. Increasing Breast Cancer Awareness and Practice of Breast Self Examination (BSE) among Female Staff of UM. (as Principle Investigator)
2. Evaluation and Monitoring Study on The National Strategic Plan on HIV/AIDS – an extended study of 2007. (as Co Researcher in the Consultants/Researchers Group for Public Health Specialist Association).
3. Economic Evaluation of Thalassaemia Treatment in Malaysia. (as Co Researcher with Paediatric Institute, Hospital Kuala Lumpur)

### ***Consultancies & Special Services***

1. Reviewer for Taxonomy on Health Care Cost, Quality and Outcomes: ISPOR Book of Terms.

### ***Professional Affiliation/Membership/Leadership***

1. Organized SPM Family Day, 19<sup>th</sup> April 2008 at Templer Golf Resort, Rawang, Selangor.
2. Organized and conduct orientation program to MPH/MMedSCPH Year students, at SPM Department. 17-20 June 2008.
3. Organized and conduct Retreat for MQA Development at Corus Resort, Port Dickson, 8-10<sup>th</sup> August 2008.
4. As committee member for the launching of “Wellness Programme” organized by SPM Department, 24<sup>th</sup> June 2008 at University of Malaya.
5. As committee member to the 40<sup>th</sup> APACPH Annual Conference, 7-9<sup>th</sup> November 2008, Renaissance Hotel, Kuala Lumpur.
6. As committee member to the 5<sup>th</sup> National Public Health Conference, 12-14<sup>th</sup> November 2008, Berjaya Times Square, Kuala Lumpur.

7. A working committee for the Entrepreneurships' Programme for Students of faculty of medicine, since 2007.
8. As affiliated member in the HUKM Research Cluster – Health economic Group.
9. An active member of Public Health Specialist Association of Malaysia.
10. An active member of ISPOR (International Society for Pharmaco-economics and Outcomes Research).
11. A member of the Academy of Medicine, Malaysia.

#### ***Presentations, Seminars & Courses***

1. Poster Presentation on 'Quality of Life in Transfusion Dependent Thalassaemia Patients at HUKM and HKL', the 3<sup>rd</sup> Asia Pacific ISPOR Conference, Seoul, Korea, 7-9<sup>th</sup> September 2008.
2. Oral presentation on 'Breast Cancer Awareness and Practice of Breast Self Examination (BSE) in Women of Pahang', at the 40<sup>th</sup> APACPH Annual Conference, 7-9<sup>th</sup> November 2008, Renaissance Hotel, Kuala Lumpur.
3. Oral presentation on 'Desferrioxamine Treatment in Thalassaemia Patients: A Cost-Utility Analysis', at the 5<sup>th</sup> National Public Health Conference, 12-14<sup>th</sup> November 2008, Berjaya Times Square, Kuala Lumpur. (Won 3<sup>rd</sup> prize).
4. As Speaker in the Hospital Cost Accounting Course, 17-18<sup>th</sup> Mac, 2008 at Dept. of Social and Preventive Medicine, University of Malaya.

#### ***Publications***

1. M Dahlui, MI Hishamshah, AJ A Rahman, K Shamsuddin, SM Aljunid. Desferrioxamine Treatment in Thalassaemia Patients: A Cost Utility Analysis. Malaysian Journal of Public Health Medicine Volume 7 (2) 2007.
2. Rohana J, Maznah D, Low WY. National Tuberculosis Information System (TBIS) From Perception of the Providers. Abstract in the Malaysian Journal of Public Health Medicine. Volume 8 (4) 2008. Pg 6

#### ***Others***

1. Supervisor to a PhD Student, one MPH Year 4 and one MPH Year 2, 2 MPH Year 1 and 2 MMedSc in Public Health students.
2. Supervisor to Year 2 Medical Students – elective project on 'Quality of Life of Thalassaemia Patients at UMMC'.

3. Supervisor to Year 2 Medical students – elective project on ‘ Prevalence of Rubella among University Malaya Students’.
4. Supervisor to Year 4 Medical Students on elective project ‘Blood Donation among Students: A KAP Study’.
5. Conference attended: 6<sup>th</sup> APA-PHS Conference (on Problem based Learning), Eastin Hotel, PJ, 13-16 October 2008.
6. Conference attended: 1<sup>st</sup> Asia-Pacific – Conference on Health Policy and Planning, Sheraton Hotel, KL, 17-18<sup>th</sup> Nov. 2008.
7. Conference attended: Post-graduate Conference on Education – ICPE, The Gurney, Penang, 16-17 Dec. 2008
8. Attended “Kursus Induksi” at Kampus Kota UM, 9.07.08-24.07.08
9. Workshop attended: Decision Analysis Workshop, ISPOR Seoul, Korea, 7.09.08.

# **Dr Claire Choo Wan Yuen**

## ***Position***

Senior Lecturer

## ***Expertise (Research interest):***

1. Social epidemiology (Public health burden of violence; linkages between violence against children/adolescents and mental health; development and evaluation of interventions to address violence)
2. Research Methodology (application of mixed methods in public health research)
3. Biostatistics

## ***Research Projects***

1. Service Providers and Public Perception of Child Abuse & Neglect: When is it necessary to intervene? Vote F (RM 48700.00)
2. A study on prescribing skills among UM Medical students and graduates (RM 70000.00) -Co-investigator
3. Teenage Pregnancy: Strengthening Support and Health Care Services by Exploring Neglected Issues (RM 66000.00) - Co-Investigator

## ***Consultancies & Special Services***

1. Reviewer of Journal of University of Malaya Medical Centre (JUMMEC)
2. Reviewer of Asia Pacific Journal of Public Health (APJPH)

## ***Awards & Recognition***

1. Queensland University of Technology, Faculty of Health Executive Dean's Commendation for Higher Degree Research (PhD) in 2007
2. First place for best oral presentation (Dunne M, Chen JQ, Nguyen TH, Choo WY) at the 40<sup>th</sup> Asia Pacific Consortium of Public Health (APACPH) Conference (7<sup>th</sup> – 9<sup>th</sup> Nov 2008)

## ***Professional Affiliation/Membership/Leadership***

1. Lecturer in the Epidemiology & Statistics Unit, SPM
2. Member of Departmental Quality Audit Team, Faculty PBL committee
3. Member of the International Society for the Prevention of Child Abuse & Neglect (IPSCAN), 2005-current.
4. Committee Member, Asia-Europe Clinical Epidemiology and Evidence-Based Medicine Programme
5. Organising Committee, 40th Asia-Pacific Academic Consortium for Public Health Conference in Kuala Lumpur 7-9 Nov 2008
6. Academic Adviser (MBBS)
7. Curriculum Restructuring Panel Member for Bachelor of Biomedical Science programme

8. Course Coordinator: MTEB1104 (Introduction To Biostatistics) for Bachelor of Biomedical Science; MOGR6303 (Qualitative Inquiry In Public Health) for Master of Public Health
9. Supervisor for Master of Public Health and Master of Family Medicine candidates

### ***Publications***

1. Dunne MP, Chen JQ, Choo WY. The evolving evidence base for child protection in Chinese societies. *Asia Pac J Public Health* 2008; 20(4):267-276
2. Yip CH, Taib NA, Tan GH, Ng KL, Yoong BK, Choo WY. Predictors of Axillary Lymph Node Metastases in Breast Cancer: Is there a Role for Minimal Axillary Surgery? *World J Surg.* 2008 Oct 29 (published online)
3. Choo WY, Farrington A, Harvey C, Kingston M. Family Planning Queensland Client Satisfaction Survey in 2007. Family Planning Queensland, Australia, 2008 (report).

### ***Presentations, Seminars & Courses***

1. Choo WY, Dunne MP, Marret MJ. How reliable are adolescents' self-reports regarding child maltreatment among Malaysian adolescents? 17th International Congress on Child Abuse and Neglect, 7-10th September 2008, Hong Kong.
2. Dunne MP, Choo WY, Macfarlane B, Nguyen TH, Chen JQ. Evidence from East Asia refutes the claim that 'victimological bias' inflates the effects of child abuse on adolescent mental health. Proceedings of the 17th International Congress on Child Abuse and Neglect, 7-10th September 2008, Hong Kong.
3. Dunne MP, Chen JQ, Nguyen TH, Choo WY. Depression and suicidal ideation among adolescents in three East Asian countries. Proceedings of the 40th Asia Pacific Academic Consortium for Public Health Conference, 7-9th November 2008, Kuala Lumpur (Best Oral Presentation)
4. Hoe VCW, Ng CW, Maznah D, Sanjay R, Moy FM, Choo WY, S Noor Ghani, Noorlaili AZ, Roshidi I. Public Health Policies And The Indigenous People Of Malaysia.
5. Speaker, Endnote Essentials Workshop, Department Of Primary Care Medicine, Faculty of Medicine, 2 December 2008.

# **Dr Moy Foong Ming**

## ***Position***

Senior Lecturer

## ***Expertise (Research interest)***

1. Worksite Wellness / Health Promotion (Research Interest)
2. Nutritional Epidemiology
3. Biostatistics

## ***Research Projects***

1. Primary prevention of chronic diseases in a worksite
2. Mercury level in new born and its association with maternal fish consumption

## ***Consultancies & Special Services***

1. Providing consultation on Biostatistics and Epidemiology to Master students of FOM
2. Reviewer for the following journals:
  - a. Annals of Human Biology
  - b. Asia Pacific Journal of Public Health
  - c. Industrial Health
  - d. International Journal of Food Sciences & Nutrition
  - e. JUMMEC
  - f. Mal J Nutrition

## ***Professional Affiliation/Membership/Leadership***

1. Coordinator - UM Wellness Program
2. Secretariat – The 40<sup>th</sup> APACPH Conference on 8-9 November 2008
3. Member of the following societies / associations:
  - a. International Union of Health Promotion & Health Education
  - b. Nutrition Society of Malaysia
  - c. Malaysia Dietitians' Association
  - d. Diabetes Association of Malaysia

## ***Presentations, Seminars & Courses***

### ***Conducted Workshops on Endnote:***

- 7 May 2008, 20 October 2008- Opened to staff from other universities, Ministry of Health and UM students & staff
- 23-25 Oct 2008 - For participants of the 11<sup>th</sup> National Institutes of Health (NIH) Scientific Conference, Institute of Health Management, Kuala Lumpur.
- 25 September 2008 - To staff and students from Institute of Science Mathematics, UM

### *Oral presentations*

1. Er LZ, Lee CY, Yoon TF, **Moy FM**. Risk factors contributing to childhood obesity. In 11<sup>th</sup> National Institutes of Health (NIH) Scientific Conference, 23-25 Oct 2008, Institute of Health Management, Kuala Lumpur. Journal of Health Management (Supplement) October 2008: 19
2. Liew HC, Noor Illiati I, Yee RSL, Siti Nadzrah Y, **Moy FM**. Health and Risk Behaviours of Undergraduates in a public university in Kuala Lumpur. In: 11<sup>th</sup> National Institutes of Health (NIH) Scientific Conference, 23-25 Oct 2008, Institute of Health Management, Kuala Lumpur. Journal of Health Management (Supplement) October 2008: 41.
3. Kee KW, Chang EWH, Toh TH, Siow CS, Leong YH, (CRP Bentong ), Hoe VCH, **Moy FM**. 2008. Handgrip strength of rural elderly in Pahang, Malaysia. Proceedings of the 40th Asia Pacific Academic Consortium of Public Health Conference, 8-9 November 2008. pg 126
4. Hoe VCW, Ng CW, Maznah D, Sanjay R, **Moy FM**, Choo WY, S Noor Ghani, Noorlaili AZ, Roshidi I. 2008. Public health policies and the indigenous people of Malaysia. Proceedings of The International Conference on Indigenous People (ICIP), 29 – 31 July 2008, pg 14.

### *Poster Presentation*

5. Siti Nadzrah Y, Liew HC, Noor Illiati I, Yee RSL, **Moy FM**. 2008. Characteristics of motor vehicle accidents injuries prevention among the undergraduates of a public university in Kuala Lumpur, Malaysia. Proceedings of the 40th Asia Pacific Academic Consortium of Public Health Conference , 8-9 November 2008. pg. 183
6. **Moy FM**, Hoe VCW, Tan CPY, Rosmawati M. 2008. Cardiometabolic risks of employees in a medical centre in Kuala Lumpur. Proceedings of the 40th Asia Pacific Academic Consortium of Public Health Conference , 8-9 November 2008. pg 157.
7. **Moy FM**, Hoe VCW, Tan CPY, Rosmawati M. 2008. The cardiovascular risks among shift and non-shift workers in a public medical centre in Kuala Lumpur. Proceedings of the 42nd Malaysia-Singapore Congress of Medicine, 31 July – 3 August 2008. pg 47.
8. **Moy FM**, Sanjay R, Hoe VCW, Ng CW, Maznah D. 2008. Obesity among the elderly in rural Pahang in Malaysia, 2008. Recent Trends in DM, Obesity & Metabolic Syndrome. Proceedings of A Continuing Medical Education Conference by JAMA and NUHS, Singapore. 1-2 August 2008. pg 26

### *Publications*

1. **Moy FM**, Atiya AS & Wong ML. Framingham Risk Scores and anthropometric measurements in predicting cardiovascular risks among Malay men. Malaysia Journal of Nutrition 2008; 14 (1): 57-63.
2. **Moy FM**, Atiya AS & Wong ML. Dietary modification in a workplace health promotion program in Kuala Lumpur, Malaysia. Asia Pacific J Public Health 2008; 20(Suppl): 166-172 .

3. **Moy FM**, Atiya AS, Wong ML. Perceived risks, barriers and stages of change on smoking cessation among the Malay smokers in Kuala Lumpur. Accepted for publication in International Medical Journal.
4. **Moy FM**, Lim CH, Tan CJA, Tay SH. Factors influencing the uptake of Pap smear screening among Malay women in a public university in Kuala Lumpur a pilot study. Malaysian Journal of Public Health Medicine, MJPHM Vol 7 (2) 2008.

#### **Others**

1. Secretariat in organizing the Launch of UM Wellness Program – 24 June 2008
2. Courses and workshop attended:
 

29 January 2008	Moodle Workshop	ADeC, UM
14 February 2008	Quiz in Moodle (Workshop)	ADeC, UM
16 April 2008	NViVo Workshop	ADeC, UM
20-21 August 2008	Kursus Pembinaan Laman Web	Kampus Kota, KL
15-16 October 2008	Conference on Problem Based Learning	Eastin Hotel, PJ
15 -17 December 2008	Workshop on Prognostic Research (Asia Link)	SPM Dept, FOM, UM

# **Dr Tin Tin Su**

## ***Position***

Senior Lecturer

## ***Expertise (Research interest)***

Cost of illness, demand and expenditure for health care, econometric modeling, quality in health care

## ***Research Projects***

1. Principal investigator: Estimation of marginal cost to maintain Quit-Smoking Status among Ex-smokers in the Tanglin Quit Smoking Clinic, Kuala Lumpur, 2008-2009
2. [FS351/2008C grant amount RM 59,400]

## ***Consultancies & Special Services***

1. Reviewer – Asia Pacific Journal of Public Health

## ***Professional Affiliation/Membership/Leadership***

1. Organising Committee member, 40<sup>th</sup> Asia-Pacific Academic Consortium for Public Health Conference in Kuala Lumpur 7-9 Nov 2008
2. Malaysian Medical Council (member since 2008)
3. Persatuan Kakitangan Akademik Universiti Malaya (PKAUM) (member since 2008)
4. German Academic Exchange Service (DAAD) Alumni (member since 2001)
5. Myanmar Medical Council (member since 1991)

## ***Presentations, Seminars & Courses***

1. Coordinator and Speaker, Quality Management in Health Care, Faculty of Medicine, 18<sup>th</sup> -19<sup>th</sup> August 2008

## ***Publications***

### ***Proceedings***

1. Su TT, Flessa S. 2008. Estimation of household indirect cost and its determinants by using three validation methods. Proceedings of the 40th Asia Pacific Academic Consortium of Public Health. 7-9 Nov 2008, Kuala Lumpur. Pg 110.

### ***Extended Abstract***

1. Su TT, Flessa S. 2008. Measuring prevalence and determinants of catastrophic health expenditure. Journal of Health Management (Supplement) October 2008. Pg 77.
2. Su TT, Flessa S. 2008. Estimation of determinants of household health expenditure in public institutions by controlling self selection of providers. Medicine and Health. Vol. 3, No. 1 (Supplement). June 2008. Pg 222.

## ***Others***

Main supervisor for one PhD student and 5 MPH, MSc. PH students.

## **Dr. Azlan bin Darus**

### ***Position***

Senior Lecturer

### ***Expertise (Research interest)***

1. Occupational Health
2. Fitness for Work
3. Occupational Stress

### ***Research Projects***

1. A study on the relationship of salivary biomarkers and job stress among school teachers in Kuala Lumpur (collaborator)
2. Modeling the Risk Factors of Road Traffic Injuries among patients seeking care in University Malaya Medical Centre' (collaborator)
3. Prevalence and Risk Factors on Sexual Dysfunction among Malaysian Health Care Workers (collaborator)
4. Occupational Eye Injuries, Risks and Outcomes at Mumbai, India (collaborator)

### ***Consultancies & Special Services***

1. Reviewer: Asia Pacific Journal of Public Health
2. Consultancy : Unilever (M) Sdn. Bhd

### ***Professional Affiliation/Membership/Leadership***

1. Committee member; Society of Occupational and Environmental Medicine
2. Committee Member; subcommittee on Occupational Health, National Council of Occupational Safety and Health
3. Member; Malaysian Medical Association

### ***Publications***

1. Occupational, Safety and Health among Health Care Workers in a Teaching Hospital. **Darus A**, Rosnawati M R, Lugah V, Ganesh B, Sujatha D, Retneswari M. Malaysian Journal of Public Health Medicine, Vol. 8 (Suppl 1) 2008 (Abstract)
2. Knowledge on Occupational Safety and Health among Healthcare Professionals in Malaysia Lugah V, Ganesh B, Retneswari M, **Darus A**, Rosnawati MR, Sujatha D. Malaysian Journal of Public Health Medicine, Vol. 8 (Suppl 1) 2008 (Abstract)
3. Occupational Safety and Health among Health Care Workers in a Health Care Institution in Malaysia. Sujatha D, **Darus A**, Retneswari M, Rosnawati MR, Veronica L, Ganesh B, Jayakumar G. Malaysian Journal of Public Health Medicine, Vol. 8 (Suppl 1) 2008 (Abstract)

## Mohd Roshidi Ismail

### *Position*

Tutor

### *Expertise (Research interest)*

1. Biostatistical Methods
2. Repeated Measures
3. Population Health

### *Presentations, Seminars & Courses*

1. Secretary, 40<sup>th</sup> Asia-Pacific Academic Consortium for Public Health Conference in Kuala Lumpur 7-9 Nov 2008
2. Committee Member (Malaysian Centre), Asia-Europe Clinical Epidemiology and Evidence-Based Medicine programme
3. Member, Organising Committee for Asia-Link Course: Prognostic Research 15-17 Dec 2008
4. Member, Organising Committee for Asia-Link Course: Clinical Trials 15-17 Dec 2008
5. Member, Organising Committee for Effective and Efficient Disaster Management Seminar, UM, Kuala Lumpur, 23 Jul 2008
6. Speaker, Basic Statistics for Clinicians Course, UNIMAS, Kuching, 16-17 Aug 2008
7. Speaker and Facilitator, Basic Stata 10 Course, IHSR Bangsar, 10-11 Jul 2008
8. Group Coordinator: Community Family Case Studies (CFCS) programme for Phase II MBBS
9. Participant. Pre-conference workshop on PBL facilitation at the 6<sup>th</sup> Biennial Conference of the Asia-Pacific Association on Problem-Based Learning in Health Sciences, Kuala Lumpur, 13 Oct 2008
10. Participant. Pre-conference workshop on Student Assessment Methods at the 6<sup>th</sup> Biennial Conference of the Asia-Pacific Association on Problem-Based Learning in Health Sciences, Kuala Lumpur, 13 Oct 2008

### *Abstract*

1. Hoe VCW, Ng CW, Maznah D, Sanjay R, Moy FM, Choo WY, S Noor Ghani, Noorlaili AZ, **Roshidi I**. 2008. Public health policies and the indigenous people of Malaysia. Proceedings of the International Conference on Indigenous People (ICIP). pg 14.
2. Jabar N A, Rampal S, **Roshidi I**, Ahmad Fauzi Md Sharif. Validation of Malay version of Activities of Daily Vision Scale (ADVA-M) in UMMC, Malaysia. The 40th Asia Pacific Academic Consortium for Public Health Conference, 7-9 Nov 2008, Kuala Lumpur. Pg 132

# Appendix 1

## List of Publications

1. Sabrina I, Harichandra D, Bulgiba A, Iskandar M. Use of Gallium-citrate 67 Scintigraphy to Measure colonic Transit Time in Spinal Cord Injured Patients With Neurogenic Bowel. *Neurourology and Urodynamics* 27(7) Suppl 2008:663-664.
2. Saw A, Manimaran S, Faizal S, Bulgiba AM. Use of radiographic densitometry to predict the Bone Healing Index in distraction osteogenesis. *Malaysian Orthopaedic Journal* 2008;2(1):44-48.
3. Yusoff N, Jaafar N, Razak IA, Chew YY, Ismail N and Bulgiba AM. Prevalence of enamel opacities among schoolchildren in Kuala Lumpur. *Community Dental Health* 2008; 25:55-58.
4. Al-Bayaty FH, Wahid NAA, Bulgiba AM. Tooth mortality in smokers and non-smokers in a selected population in Sana'a, Yemen. *J Periodont Res* 2008; 43(1):9-13.
5. Khoo SP, Yap AU, Chan YH, Bulgiba AM. Translating the research diagnostic criteria for temporomandibular disorders into Malay: evaluation of content and process. *J Orofac Pain* 2008; 22: 131-8.
6. Moe H. Road Traffic Injuries among patients who attended the Accident and Emergency Unit of the University of Malaya Medical Centre, Kuala Lumpur. *J of Univ of Malaya Med Centre* 2008; 11(1): 22-26.
7. Moy FM, Atiya AS & Wong ML. Framingham Risk Scores and anthropometric measurements in predicting cardiovascular risks among Malay men. *Malaysia Journal of Nutrition* 2008; 14 (1): 57-63.
8. Moy FM, Atiya AS & Wong ML. Dietary modification in a workplace health promotion program in Kuala Lumpur, Malaysia. *Asia Pacific J Public Health* 2008; 20(Suppl): 166-172 .
9. Moy FM, Atiya AS, Wong ML. Perceived risks, barriers and stages of change on smoking cessation among the Malay smokers in Kuala Lumpur. Accepted for publication in *International Medical Journal*.
10. Moy FM, Lim CH, Tan CJA, Tay SH. Factors influencing the uptake of Pap smear screening among Malay women in a public university in Kuala Lumpur a pilot study. *Malaysian Journal of Public Health Medicine*, 7(2)

11. Rampal L, Rampal S, Azhar MZ, Rahman AR. "Prevalence, awareness, treatment and control of hypertension in Malaysia: A national study of 16,440 subjects". *Public Health* 2008; 122(1): 11-18
12. Rampal L, Rampal S, Azhar MZ, Sherina MS, Mohamad T, Ramlee R, Ahmad J. A national study on the prevalence and factors associated with smoking amongst Malaysians aged 18 years and above. *Malaysian Journal of Medicine and Health Sciences* 2008; 4(2): 41-53
13. Dunne MP, Chen JQ, Choo WY. The evolving evidence base for child protection in Chinese societies. *Asia Pac J Public Health* 2008; 20(4): 267-276
14. Yip CH, Taib NA, Tan GH, Ng KL, Yoong BK, Choo WY. Predictors of Axillary Lymph Node Metastases in Breast Cancer: Is There a Role for Minimal Axillary Surgery? *World J Surg.* Oct 2008: 29.
15. Nagaraj S, Tey NP, Ng CW, Balakrishnan A. Ethnic Dimensions of Gender Differentials in Mortality in Malaysia. *Journal of Population Research* 2008; 25(2): 87-110.
16. Dahlui M, Hishamshah MI, Rahman AJA, Shamsuddin K, Aljunid SM. Desferrioxamine Treatment in Thalassaemia: A Cost-utility Analysis – accepted for publication in *Malaysian Journal of Public Health Medicine* 2008 7(2).
17. Husna M, Retneswari M, Tahir M. Reliability of Job Content Questionnaire among office workers in a multinational company in Kuala Lumpur. *Asia Pacific Journal of Public health* – accepted for publication
18. Nagaraj S, Lee H K, Tey N P, Ng CW, Pala J. Counting and Integration: The Experience of Malaysia. Accepted for publication in the *Malaysian Journal of Economic Studies*.
19. Al-Sadat N, Binns C. Exploring why girls smoke in Malaysia – a qualitative approach. *Asia Pacific Journal of Public Health*; October 2008; 20 (Suppl): 6-14.
20. Rohana J, Maznah D, Low WY. National Tuberculosis Information System (TBIS) from Perception of the Providers. *Malaysian Journal of Public Health Medicine* 2008; 8 (Suppl. 4)

## Appendix 2

### Books

1. Retneswari M, Jayakumar G. Occupational Health for Health care Professionals – Caring for the Carers. Malaysian Medical Association 2008. ISBN 978-983-99128-3-8.
2. Noor Ghani S, Yadav H. Health care in Malaysia. University of Malaya Press 2008. ISBN 978-983-100-444-9.
3. Maznah D & CW NG. Section 7: International – Disease and Health Management around the World. Chapter in ISPOR book: Reliability and Validity of Data Sources for Disease and Health Management. ISBN
4. Farizah Mohd Hairi, Avendano M, Mackenbach J. Changes in Health-Behaviour Related Determinants. Chapter 4.3: 131-136 In First Results From The Survey Of Health, Ageing And Retirement In Europe (2004-2007): Starting the Longitudinal Dimension. Mannheim Research Institute for the Economics of Aging (MEA), Mannheim, Nov. 2008. ISBN 978-3-00-024969-3.
5. Odhayakumar N., Gurpreet Kaur, Helen Tee GH, Paramesarvathy R., Noran Naqiah Hairi, Mohamad Ikhsan Selamat, Omar Minhat, Yusnida Mohd Yusof, Farizah Hairi, Lee Han Lim. Dengue Prevention Practice in The National Health & Morbidity Survey III (NHMS III, 2006). Institute For Public Health 2008, Ministry Of Health, Malaysia 2008. ISBN 978-983-3387-15-6
6. Rahman ARA, Kamarudin AS, Das A, Kaur G, Kamaluddin MA, Yew NY, Gunavathy S, Rampal S, Sivashumugam S, Yusoff AFH. Hypertension and Hypercholesterolemia. Chapter in The Third National Health and Morbidity Survey (NHMS III, 2006). Institute for Public Health (IPH), Ministry of Health, Malaysia 2008. ISBN 978-983-3387-15-6.

### Other Publications

1. GCC Lim, S Rampal, Y Halimah (Eds). Cancer Incidence in Peninsular Malaysia, 2003-2005. National Cancer Registry. Kuala Lumpur 2008.
2. Jaafar S, Suhaili MR, Bulgiba A, Ehsan FZ, Salleh N, Zakaria ZF, Lee PFS, Samuri AS, Mohd Said N, Mohd Sharif J, Starfield B, Siemens KK, Abrams C. Development of TelePrimary Care (TPC) data set through use of Johns Hopkins ACG (Adjusted Clinical Groups) in Malaysia

## Appendix 3

### Research Projects

Dr Tin Tin Su Assoc Prof Saimy Ismail	Estimation of marginal cost to maintain Quit-Smoking Status among Ex-smokers in the Tanglin Quit Smoking Clinic, Kuala Lumpur	FS351/2008C (Sept 08-Sept 09)	59,400
Dr Htay Moe	Modelling the risk factors of Road Traffic Injuries among patients seeking care in University Malaya Medical Centre: A Cohort Study.	FS 194/2008B (Jul 08-Jul 09)	28,000
Dr Sanjay Rampal	Influence of lifetime occupation on muscle strength and functional ability	FS 130/2008A (Mar 08-Feb 09)	51,700
Dr Choo Wan Yuen	The Public and Service Providers' Perception of Child Abuse & Neglect in Malaysia: When is it necessary to intervene?	FS127/2008A (Mar 08-Feb 09)	48,700
Assoc Prof Retneswari Masilamani	The Relationship of Salivary Biomarkers to Job Stress among Multinational Office workers using Job Content Questionnaire	FS 139/2007C (Oct 07-Aug 08)	56,548
Assoc Prof Retneswari Masilamani	The Relationship of Salivary Biomarkers to Job Stress among Multinational Office workers using Job Content Questionnaire	FS 195/2008B (Jul 08-Jul 09)	64,800
Assoc Prof Retneswari Masilamani	Salivary Cortisol and IgA Markers for Psychological Stress: A Study of Workplace Stress among Police Personnel	FP022/2008C (Apr 09-Mar 11)	171,000
Dr Maznah Dahlui	Increasing Awareness on Breast cancer and Enhancement of Breast Self Examination (BSE) Practice among University Malaya Female Staffs	FS276/2008B	96,460
Dr Maznah Dahlui	An Economic Evaluation of Thalassaemia Management in Malaysia" – collaboration with HKL.	Grant by MASPO	5,000 (seed money)
Dr Maznah Dahlui	Evaluation and Monitoring of the National Strategic Plan on HIV/AIDS 2006-2010 – as	Grant by MOH	200,000

	consultant and researcher for the Public Health Association of Malaysia		
Dr Mas Ayu Said	Metabolic Syndrome Parameters among Schizophrenic Patients on Atypical Antipsychotics	FS 124/2008A (Mac 08- Feb 09)	49,470
Dr Moy Foong Ming	Primary prevention of chronic diseases in a worksite	FS193/2008B (Jul 08-Jul 09)	58,000
Dr Victor Hoe Chee Wai Abdullah	Mercury levels in newborn cord blood and maternal blood; and the association with the antepartum consumption of seafood of pregnant mothers who delivered in UMMC	FS132/2008 A (Mar 08- Feb 09)	74,575
Dr Ng Chiu Wan Prof Shyamala Nagaraj A/Prof SN Ghani A/Prof Saimy Ismail Dr Maznah Dahlui	Progressivity of Health Financing in Malaysia	FS 128/2008A (Mar 08-Feb 09)	75,000
Dr Moy Foong Ming	Primary prevention of chronic diseases in a worksite	FS160/2007C (Jan 07-Sept 08)	46,000
Dr Noran Hairi Prof Awang Bulgiba Awang Mahmud	Injuries among the elderly	FS048/2007 A	50,000
Prof Awang Bulgiba Awang Mahmud	Identification of determinants for progression to AIDS in HIV patients receiving anti-retroviral treatment	FP080/2006 A (Dec 06- Jun 09)	145,000
Wee Lei Hum Prof Awang Bulgiba Awang Mahmud	Key Behavioural Factors Attributing to Complete Cessation of Smoking – A Case Control Study	NIH grant (2007- 2010)	1,000,000
A/P Amir Feisal Merican Prof Awang Bulgiba Awang	Development of a reliable questionnaire for measuring the impact of information and communication technology (ICT)	FS253/2007C (Oct 07-Sept 08)	40,000

Mahmud	for patient care in hospitals		
Dr Lydia Latif Prof Awang Bulgiba Awang Mahmud	Profiles and risk factors of major limb and spinal cord injury	FS162/2007 C (Oct 07-Sept 08)	33,000
Dr Ng Chiu Wan Prof Shyamala Nagaraj A/Prof SN Ghani A/Prof Saimy Ismail	Equity implications of household out-of-pocket payment for health care in Malaysia, 1993-2004	F0181/2007A (Jun 07 – May 08)	6,500
Prof Syed Mohammad Aljunid Bin Aljunid, Prof Awang Bulgiba B Awang Mahmud, Dr. Maznah Dahlui Dr. Hossein Moshiri.	Assessing Efficiency of Teaching Hospitals in Malaysia - Status and Impact of case-mix System.	HUKM FF-282-2007	10,000
A/Prof Roslan, Dr Nabilla Al-Sadat et al	University of Malaya Adolescent Health Research Group	(2007-2009)	28,000
Prof Raja Latifah and Dr Nabilla Al-Sadat	Malaysian Health Intervention and Cost Outcome studies (MHICO)	No 8121124 (2007-2010)	200,000

## Appendix 4

### LIST OF POSTGRADUATE CANDIDATE FOR SESSION 2008/2009

#### Master of Public Health (Year 1)

No.		Name of Candidate
1	Dr	Abdallah Mohammed Ahmed Abdallah Frah (Sudan)
2	Dr	Ahmad Zaid Fattah Bin Azman
3	Dr	Amir Alsheekh Hussien (Sudan)
4	Dr	Ammar Abdulateef Jawad (Iraq)
5	Dr	Ashraf Elghali Saad Abdallah (Sudan)
6	Dr	Atheel R Badir (Iraq)
7	Dr	Gogillan A/L S Sevaratnam
8	Dr	Gomathy Subramaniam (India)
9	Dr	Hla Shwe [Idris] (Myanmar)
10	Dr	Ismawati Binti Ismail
11	Dr	Jenifer @ Jennifer John
12	Dr	Karam W Shaker (Iraq)
13	Dr	Magaji Bello Arkilla (Nigeria)
14	Dr	Maha Abdelrahman Ahmed-Farah (Sudan)
15	Dr	Maihepilaiti Aji [Mahfirat](China)
16	Dr	Mamoun Osman Elkhidir Alawad (Sudan)
17	Dr	Mohamad Noor Asyik Bin Yahya
18	Dr	Mohamad Rodi Bin Isa
19	Dr	Mohd Harriszamani Bin Abu Bakar
20	Dr	Mohd Ridzwan Bin Shahari
21	Dr	Mona Mohamed Hassan Sorkati (Sudan)
22	Dr	Nadir Badreltamam Saad Ahmed (Sudan)
23	Dr	Nasir Ali Mohamed Ibnouf(Sudan)
24	Dr	Rima Marhayu Binti Abdul Rashid
25	Dr	Sabrina Newaz Tatum (Bangladesh)
26	Dr	Selvamalar a/p Selvarajan
27	Dr	Sophia Binti Mohd Ramli
28	Dr	Usman Kabiru Suru (Nigeria)
29	Dr	Vivekanandan a/l V Nallathambi
30	Dr	Yusuf Abdu Misau (Nigeria)
31	Dr	Zuhaida Binti Che Embi
32	Dr	Zuhair Abdelfatah Abdelhai Babiker (Sudan)

#### Master of Medical Science in Public Health

No.		Name of Candidate
1	Mr	Adam Dawria Ibrahim Abdu gadir (Sudan)
2	Ms	Alotaibi Amani Awwadh (Saudi)
3	Mr	Anka Mukhtar Salihu (Nigeria)

4	Mr	Ashraf Ali Mohammed Zabara (Yemen)
5	Ms	Asnida bt Mat Daud
6	Ms	Hani Aden Mohamed Ali (Somalia)
7	Ms	Mahboubah-Aliakbarian (Iran)
8	Mr	Mohammed Elteгани Mohammed Hamed (Sudan)
9	Mr	Mohmoud Ali Mohammed Fadlallah (Sudan)
10	Ms	Narges Atefi (Iran)
11	Ms	Noorulainah Ruth Bt Mohamed Jalaludheen
12	Ms	Nor Asyikin Binti Abu Kasim
13	Ms	Offu Ogochukwu Fidelia (Nigeria)
14	Mr	Sami Elshaikh Mohammed Yousif (Sudan)
15	Ms	Samsiah Awang
16	Ms	Shobian, Khlood Sameer A (Saudi)
17	Mr	Yakubu Indaba (Nigeria)
18	Ms	Zahura binti Mohamed @Ismail

### **Master of Public Health (Specialty) Year 2**

<b>No.</b>		<b>Name of Candidate</b>
1	Dr.	Narimah Hanim Bt Ibrahim (Epi/Stats)
2	Dr.	Nirmala A/P Bhoo Pathy (Epi/Stats)
3	Dr.	Noorhaire Sumarlie Bin Nordin (Epi/Stats)
4	Dr.	Nurhuda Bt Ismail (Epi/Stats)
5	Dr.	Patwinder Kaur Gill (Epi/Stats)
6	Dr.	Rafdzah Bt Ahmad Zaki (Epi/Stats)
7	Dr.	Fauziah Bt Abdullah (FH)
8	Dr.	Nik Daliana Bt Nik Farid (FH)
9	Dr.	Nor Idawaty Bt Ibrahim (FH)
10	Dr.	Noraliza Bt Zabari (FH)
11	Dr.	Norzakiah Binti Mohd Tahir (FH)
12	Dr.	Siti Harirotul Hamrok Bt Asis (FH)
13	Dr.	Ruzita Bt Othman (Mgt)
14	Dr.	Marzuki Bin Isahak (OEH)
15	Dr.	Siti Munirah Bt Yasin (OEH)

### **Master of Public Health (Specialty) Year 3**

<b>No.</b>		<b>Name of Candidate</b>
1	Dr.	Asnida bt Anjang Abdul Rahman (FH)
2	Dr.	Rozita bt Ab Rahman (FH)
3	Dr.	Rozaini bt Mat Shah (EPID)
4	Dr.	Edrin Nazri bin Abdul Rasib (OH)
5	Dr.	Mohd Iqbal bin Hamzah (OH)
6	Dr.	Navjeet Kaur (OH)
7	Dr.	Suhainizam bin Muhd Saliluddin (OH)
8	Dr.	Sharmini Selvarajah a/p R.Selavarajah (EPI)

### **Master of Public Health (Specialty) Year 4**

<b>No.</b>		<b>Name of Candidate</b>
1	Dr.	Rafidah binti Abdul Latif (MGT)
2	Dr.	Rohana binti Johan (MGT)
3	Dr.	Shahril Azian bin Masrom (MGT)
4	Dr.	Ariza Zainuddin (FH)
5	Dr.	Maslinor binti Ismail (FH)
6	Dr.	Nik Nairan binti Abdullah (FH)
7	Dr.	Siti Rohana bt Saad (FH)
8	Dr.	Sunita bt Abdul Rahman (FH)
9	Dr.	Anselm Su Ting (OH)
10	Dr.	Husna Maizura bt Ahmad Mahir (OH)
11	Dr.	Norli Abdul Jabbar (Epi)*

### **Master of Medical Science (by Research)**

<b>No.</b>		<b>Name of Candidate</b>
1	Ms	Eng Jui Yee (Malaysia)

### **Doctor of Philosophy (Research)**

<b>No.</b>		<b>Name of Candidate</b>
1	Dr	Ali Khudair Abbas (Iraq)
2	Dr	Rahayu Lubis (Indonesia)
3	Dr	Umar Yagoub Mohammed (Sudan)
4	Ms	Wee Lei Hum (Malaysia)
5	Dr	Isam Eldin Elnour Mohamed Baloul (Sudan)

## Appendix 5

### LIST OF POSTGRADUATE CANDIDATE FOR SESSION 2007/2008

#### Master of Public Health (Year 1)

No.	Name of Candidate
1	Dr. Ahmed Mohammed Saeed Abubakr (Sudan)
2	Dr. Abubaker Hassan Musa (Sudan)
3	Dr. Ali Wadatalla Yousif (Sudan)
4	Dr. A'mir Ahmed Salih Abu Elgasim (Sudan)
5	Dr. Elsadig Adam Mohamed Abdelrahman (Sudan)
6	Dr. Elseddig Eltayeb Wahaballa Elsamani (Sudan)
7	Dr. Fauziah Bt Abdullah (Mal)
8	Dr. Hala Elnazeer Gibreel Elgoni (Sudan)
9	Dr. Hamid Khatir Hamad Elseed Taor (Sudan)
10	Dr. Jeyashree Jacob (Mal)
11	Dr. Khalid Hassan Saad Abdalla (Sudan)
12	Dr. Khin Tuzar (Myanmar)
13	Dr. Marzuki Bin Isahak (Mal)
14	Dr. Mohamed Almogtaba Abdelrahim Khogali Mohamed (Sudan)
15	Dr. Mohamed Ibrahim Ali Mohamed Saleh (Sudan)
16	Dr. Mohammed Ahmed Mohammed Elmuttalut (Sudan)
17	Dr. Moner Khalid Mohammed Suleiman (Sudan)
18	Dr. Mustafa Awadelkareem Abdallah Alhag (Sudan)
19	Dr. Nada Gaafer Osman Ahmed (Sudan)
20	Dr. Narimah Hanim Bt Ibrahim (Mal)
21	Dr. Nik Daliana Bt Nik Farid (Mal)
22	Dr. Nirmala A/P Bhoo Pathy (Mal)
23	Dr. Noorhaire Sumarlie Bin Nordin (Mal)
24	Dr. Nor Idawaty Bt Ibrahim (Mal)
25	Dr. Noraliza Bt Zabari (Mal)
26	Dr. Norzakiah Binti Mohd Tahir (Mal)
27	Dr. Nurhuda Bt Ismail (Mal)
28	Dr. Patwinder Kaur Gill (Mal)
29	Dr. Rafdzah Bt Ahmad Zaki (Mal)
30	Dr. Ruzita Bt Othman (Mal)
31	Dr. Siti Harirotul Hamrok Bt Asis (Mal)
32	Dr. Siti Munirah Bt Yasin (Mal)
33	Dr. Tarig Abdelrahman Khalid Mohammed (Sudan)
34	Dr. Tukur Ismail (Nigeria)
35	Dr. Vijayan A/L Kannan (Mal)
36	Dr. Wafa Fuad Ahmed Mekki (Sudan)

### **Master of Medical Science in Public Health**

<b>No.</b>		<b>Name of Candidate</b>
1	Mr.	Ahmed Hussein Hamid Ahmed (Sudan)
2	Dr.	Ahlam Hamid A Natto (Saudi)
3	Mr.	Ali Salih Abdelrahman Mohamed (Sudan)
4	Ms.	Azlina Binti Ismail (Mal)
5	Mr.	Faisal Ali Alzarrug (Libya)
6	Mr.	Hamouda Ali Hamouda Ragig (Sudan)
7	Ms.	Maznah binti Idris (Mal)
8	Mr.	Mohamed Adam Eisa Balla (Sudan)
9	Mr.	Mohd Roshidi Bin Ismail (Mal)
10	Ms.	Nevin Ahmed Warille (Sudan)
11	Ms.	Nik Norazwana Binti Nik Mohd Salleh (Mal)
12	Mr.	Nureldin Hussain Ali Mohammedkheir (Sudan)
13	Mr.	Yhia Zkria Omer Ibrahim (Sudan)
14	Ms.	Zuraida Binti Abdullah (Mal)

### **Master of Public Health (Specialty) Year 2**

<b>No.</b>		<b>Name of Candidate</b>
1	Dr.	Asnida bt Anjang Abdul Rahman (FH)
2	Dr.	Rozita bt Ab Rahman (FH)
3	Dr.	Rozaini bt Mat Shah (EPI)
4	Dr.	Edrin Nazri bin Abdul Rasib (OH)
5	Dr.	Mohd Iqbal bin Hamzah (OH)
6	Dr.	Navjeet Kaur (OH)
7	Dr.	Suhainizam bin Muhd Saliluddin (OH)

### **Master of Public Health (Specialty) Year 3**

<b>No.</b>		<b>Name of Candidate</b>
1	Dr.	Rafidah binti Abdul Latif (MGT)
2	Dr.	Rohana binti Johan (MGT)
3	Dr.	Shahril Azian bin Masrom (MGT)
4	Dr.	Sharmini Selvarajah a/p R. Selvarajah (EPI)
5	Dr.	Ariza Zainuddin (FH)
6	Dr.	Maslinor binti Ismail (FH)
7	Dr.	Nik Nairan binti Abdullah (FH)
8	Dr.	Siti Rohana bt Saad (FH)
9	Dr.	Sunita bt Abdul Rahman (FH)
10	Dr.	Anselm Su Ting (OH)
11	Dr.	Husna Maizura bt Ahmad Mahir (OH)

#### **Master of Public Health (Specialty) Year 4**

<b>No.</b>		<b>Name of Candidate</b>
1	Dr.	Harishah binti Talib (EPI)
2	Dr.	Masitah binti Mohamed (EPI)
3	Dr.	Noor Rizawati binti Mahpot (EPI)
4	Dr.	Norli binti Abdul Jabbar (EPI)
5	Dr.	Misliza binti Ahmad (EPI)
6	Dr.	Kawselyah a/p Juval (FH)
7	Dr.	Nazatul Shima binti Mokhtar (FH)
8	Dr.	Tan Kok Leong (FH)
9	Dr.	Zaini binti Ishak (FH)
10	Dr.	Aizuniza bte Abdullah (FH)
11	Dr.	Mariam bt Jamaluddin (FH)
12	Dr.	Azlan bin Darus (OH)
13	Dr.	Ganesh a/l Balasingam (OH)
14	Dr.	Rosnawati binti Muhamad Robat (OH)
15	Dr.	Veronica Lugah (OH)
16	Dr.	Sujatha a/p Doraimanickam (OH)

#### **Doctor of Philosophy (Research)**

<b>No.</b>		<b>Name of Candidate</b>
1	Dr.	Rahayu Lubis (Indonesia)
2	Ms.	Wee Lai Hun (Malaysia)
3	Dr.	Ali K Abbas (Iraq)

## **ACKNOWLEDGEMENTS**

The Department of Social & Preventive Medicine would like to extend their sincere thanks to the following visiting academic staff for their contribution and support.

### **Appointed Visiting Academic Staff for 2007/2008**

#### **VISITING PROFESSOR**

Professor Omar Kasule  
Institute of Medicine  
University of Brunei

Professor David Koh  
Head of Department of Community, Occupational and Family Medicine  
Yong Loo Lin School of Medicine,  
National University of Singapore

#### **ADJUNCT PROFESSOR**

Dr Maimunah A Hamid  
Director Institute of Health System Research  
Ministry of Health Malaysia

#### **EXTERNAL EXAMINERS**

Professor Malcolm Sim Ross  
Monash University, Australia

Professor Harry Campbell  
University of Edinburgh, Scotland

Professor Colin Binns  
Curtin University of Technology, Australia

Professor Bastaman Basuki  
University of Indonesia, Indonesia

Professor Robert Graham Cumming  
University of Sydney, Australia

## **PART-TIME LECTURERS**

### ***Epidemiology and Biostatistics***

Dr. Ahmad Faudzi Hj. Yusoff, Institute of Public Health, Ministry of Health  
Dr. Amal Nasir bin Mustaffa, Institute of Medical Research, Ministry of Health Malaysia  
Dr. Che Azlan Shah bin Shahari, Klang District Health Office, Selangor  
Dato' Dr. Hasan Abdul Rahman, Ministry of Health Malaysia  
Dr. Huda Zainuddin, Kuala Langat District Health Office, Selangor  
Dr. Junainah Sabirin, Sepang District Health Office, Selangor  
Dr. Ling He May, Manjung District Health Office, Perak  
Dr. Noraini binti Baba, Malacca District Health Office, Malacca  
Dr. Norhayati Rusli, KLIA Health Office, Selangor  
Dr. Noor Azah Daud, Ministry of Health Malaysia  
Dr. Noorliza binti Nordin, Institute of Health Management, Ministry of Health Malaysia  
Dr. Paramjit Singh A/L Pakar Singh, Port Klang District Health Office, Selangor  
Dr. Rahimah Mohd Ariffin, Selangor Health Department  
Dr. Rashid bin Kasri, Ministry of Health Malaysia  
Datin Dr. Rugayah Bakri, Ministry of Health Malaysia  
Dr. Zainal Ariffin, Ministry of Health Malaysia  
Dr. Hj. Zainudin Abd. Wahab, Ministry of Health Malaysia

### ***Family Health***

Dr Che Azlan Shah bin Shahari, Klang District Health Office, Selangor  
Dr Fauziah Zainal Ehsan, Division of Family Health Development, Ministry of Health  
Dr Ghazali Othman, Malacca Health Department, Malacca  
Dr Haliza Abdul Manaf, Wilayah Persekutuan Kuala Lumpur Health Department  
Professor Hematram Yadav, International Medical University  
Dr Ismail Lasa, Petaling District Health Office, Selangor  
Dr Koh Choo Nea, Seremban District Health Office, Negeri Sembilan  
Dr Mymoon Alias, Division of Family Health Development, Ministry of Health  
Dr Noorizah Mokhtar, Negeri Sembilan State Health Department, Negeri Sembilan  
Dr Noridah Mohd Saleh, Division of Family Health Development, Ministry of Health  
Dr Othman Warijo, Division of Family Health Development, Ministry of Health  
Dr Rohani Ismail, Kuala Muda District Health Office, Kedah  
Dr Rokiah binti Mohd, Pulau Pinang State Health Department, Pulau Pinang  
Dr Hj Rosli Ismail, Bentong District Health Office, Pahang  
Dr Saidatul Nurbaya bt Buang, Division of Family Health Development, Ministry of Health  
Dr Salehudin Abu Bakar, Wilayah Persekutuan Kuala Lumpur Health Department  
Dr Sharifah Rohani Syed Abu Bakar, Gombak District Health Office, Selangor  
Dr Siti Halimah Syed Shaikh, Alor Gajah Health Office, Melaka  
Dr Tee E Siong  
Dr Thavamalar Ganason, Selangor State Health Department, Selangor  
Dr Umi Kalsom Hj Hashim, Kuala Muda District Health Office, Kedah  
Mrs Wee Lei Hum

### ***Health Services Management***

Associate Professor Dr Ramy Bulan, Law Faculty, University of Malaya  
Mr Abdul Samad, Law Faculty , University of Malaya  
Pn. Norbani, Law Faculty, University of Malaya  
Ms Gooi Wan Yegt, Health Solution Malaysia Sdn. Bhd.  
Datin Dr Rugayah Bakri, HTA, Ministry of Health Malaysia  
Dr Asmayani Khalib, HTA, Ministry of Health Malaysia  
Dr. Sheamini a/p Sivasampu, HTA, Ministry of Health Malaysia  
Dr. Mohd. Azhar Mohammad Nawi, Kuala Selangor Health District Office.

### ***Occupational and Environmental Health***

Dr Abu Hasan Samad, Exxon Mobil Exploration and Production Malaysia  
Dr. Faridah binti Amin, Department of Occupational Safety and Health, Putrajaya  
Dr Hanizah binti Mohd Yusoff, Ministry of Health Malaysia  
Dr. Kuldip Kaur, Hospital Kuala Lumpur  
Dr. Mohammed Azman bin Aziz Mohamed, Social Security Organisation (SOCSO), Kuala Lumpur  
Ir Nimi Binti Ahmad  
Ridzwan Hj Hussain  
Dr. Saini Jeffery Freddy Abdullah, Faculty of Medicine, University of Malaya  
Dr Sharfudin bin Noordin, Selangor State Health Department  
Dr. Sirajudin Hashim, Ministry of Health Malaysia  
Dr Zaharah binti Zainuddin, Selangor State Health Department  
Dr Zakira bt Taib, Federal Territory Health Department

## **Appointed Visiting Academic Staff for 2008/2009**

### **VISITING PROFESSOR**

Professor Omar Kasule  
Institute of Medicine  
University of Brunei

Professor David Koh  
Head of Department of Community, Occupational and Family Medicine  
Yong Loo Lin School of Medicine,  
National University of Singapore

### **ADJUNCT PROFESSOR**

Dr Maimunah A Hamid  
Director Institute of Health System Research  
Ministry of Health Malaysia

## EXTERNAL EXAMINERS

Professor Malcolm Sim Ross  
Monash University, Australia

Associate Professor Iain Blair  
United Arab Emirates University, UAE

Professor Colin Binns  
Curtin University of Technology, Australia

Professor Aw Tar-Ching  
United Arab Emirates University, UAE

## PART-TIME LECTURERS

### *Epidemiology and Biostatistics*

Dr Feisul Idzwan Mustapha, Ministry of Health  
Dr Jamaiah Haniff, General Hospital, Kuala Lumpur  
Dr Che Abdullah Hassan, Ministry of Health  
Dr Mohamed Paid Yusof, Ministry of Health  
Dr Nor Zahrin bt Hasron, Ministry of Health  
Dr Norhizan bin Ismail, Ministry of Health  
Dr Nor' Aishah Abu Bakar, Ministry of Health  
Dr Umar Yagoub Mohammed, Department of Social and Preventive Medicine, Faculty of Medicine, UM  
Mrs Tee Guat Hiong, IKU  
Dr Ahamad Jusoh, Ministry of Health  
Dr Gurpreet Kaur, IKU

### *Family Health*

Dr Che Azlan Shah bin Shahari, Klang District Health Office, Selangor  
Dr Fauziah Zainal Ehsan, Division of Family Health Development, Ministry of Health  
Dr Ghazali Othman, Malacca Health Department, Malacca  
Dr Haliza Abdul Manaf, Wilayah Persekutuan Kuala Lumpur Health Department  
Professor Hematram Yadav, International Medical University  
Dr Ismail Lasa, Petaling District Health Office, Selangor  
Dr Koh Choo Nea, Seremban District Health Office, Negeri Sembilan  
Dr Mymoon Alias, Division of Family Health Development, Ministry of Health  
Dr Noorizah Mokhtar, Negeri Sembilan State Health Department, Negeri Sembilan  
Dr Noridah Mohd Saleh, Division of Family Health Development, Ministry of Health  
Dr Othman Warijo, Division of Family Health Development, Ministry of Health  
Dr Rohani Ismail, Kuala Muda District Health Office, Kedah  
Dr Rokiah binti Mohd, Pulau Pinang State Health Department, Pulau Pinang

Dr Hj Rosli Ismail, Bentong District Health Office, Pahang  
Dr Saidatul Nurbaya bt Buang, Division of Family Health Development, Ministry of Health  
Dr Salehudin Abu Bakar, Wilayah Persekutuan Kuala Lumpur Health Department  
Dr Sharifah Rohani Syed Abu Bakar, Gombak District Health Office, Selangor  
Dr Siti Halimah Syed Shaikh, Alor Gajah Health Office, Melaka  
Dr Tee E Siong  
Dr Thavamalar Ganason, Selangor State Health Department, Selangor  
Dr Umi Kalsom Hj Hashim, Kuala Muda District Health Office, Kedah  
Mrs Wee Lei Hum

### ***Health Services Management***

Assoc. Prof Dato' Dr Sirajoon Noor Ghani, Department of Social and Preventive Medicine, Faculty of Medicine, UM  
Dr Ghazali b Chik, Ministry of Health  
Dr Paa Mohamed Nazir Bin Abd Rahman, Ministry of Health  
Dr Nor' Aishah bt Abu Bakar, Ministry of Health  
Dr Rozaini Bt Mohd Zain, Ministry of Health  
Assoc Prof Norbani Mohamed Nazeri, Faculty of Law, UM  
Assoc Prof Ramy Bulan, Faculty of Law, Um  
Dr Abdul Samad Abdul Ghani, Faculty of Law, UM

### ***Occupational and Environmental Health***

Dr Rohani Ahmad, Institut Penyelidikan Perubatan (IPP)  
Dr Zuraida Bt Mohamed, Jabatan Kesihatan Negeri Sembilan  
Dr Azlan Darus, Ministry of Health  
Dr. Faridah binti Amin, Department of Occupational Safety and Health, Putrajaya  
Dr. Sirajudin Hashim, Ministry of Health Malaysia  
Dr. Mohammed Azman bin Aziz Mohamed, Social Security Organisation (SOCSO), Kuala Lumpur

This report was prepared and compiled by Dr Claire Choo Wan Yuen, Dr Victor Hoe, Dr Azlan Darus and edited by Dato Sirajoon Noor Ghani.

Updated information about our department can be found at our website

<http://spm.um.edu.my/>

A million thanks to all staff for their assistance.

Thank you!

Department of Social & Preventive Medicine  
Faculty of Medicine  
University of Malaya  
50603 Kuala Lumpur  
Malaysia  
Tel: + 60379674756  
Fax: + 60379674975