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# PROCEEDING



## International Conference on Health & Well-Being 2016

**Toward Sustainable Healthy Lives  
to Promote Well-Being for All at All Ages**

Organized by:



Faculty of Health Science & Faculty of Psychology,  
Universitas Muhammadiyah Surakarta, Indonesia

 <http://health-wellbeing.org>

May 27-28  
**2016**

## PREFACE



*Assalamu'alaikum Warahmatullaahi Wabarakaatuh*

Praise to almighty God, *Allah SWT* for giving us the opportunity to organize the International Conference on Health and Well-Being (ICHWB) 2016 with the main theme: Toward sustainable healthy lives to promote well-being for all at all ages. The 2030 global agenda for sustainable development goals (SDGs) which started early this year encourages leaders and stakeholders as well as professional workers across nations to work together in achieving the sustainable future.

This event provides a platform for professional workers and researchers as well as students to take part in achieving the SDGs by presenting their research findings and building global professional collaboration. It covers all aspects of health and well-being including food, nutrition and health, physiotherapy, psychology, public health and nursing. All the submitted papers have been peer-reviewed by at least two experts drawn from program committee scope. A total of 53 papers from 99 submitted papers were accepted for publication in the ICHWB 2016 proceeding. The authors were from provinces in Indonesia and others countries such as Kenya, Malaysia and Thailand.

The committee team has well prepared agendas for all participants attending the ICHWB 2016. Apart from workshop and seminar sessions, participants can also join a city tour to Surakarta Heritage and watch Sendratari Prambanan Temple, a spectacular traditional dance performance to welcome the moon in the Prambanan temple, Jogjakarta.

On behalf of the ICHWB committee members, we would like to sincerely thank the Rector of Universitas Muhammadiyah Surakarta, Dean of Faculty of Health Science and Dean of Faculty of Psychology Universitas Muhammadiyah Surakarta, all distinguished speakers: 1) Emeritus Professor Dr. Khor Geok Lin, 2) Professor Dr. Malik Badri, 3) Dr. D. Anwar Musadad, SKM, M.Kes, 4) Asst. Professor Dr. Mantana Vongsirinavarat, 5) Professor Teresita I Barcelo, PhD, RN, all participants and sponsors who take part in this event.

*Wassalamu'alaikum Warahmatullaahi Wabarakaatuh,*

Committee,

Setyaningrum Rahmawaty, PhD

## WELCOME REMARK



*Assalamu'alaikum wa rahmatullah wa barakatuh*

First of all, praise to almighty God, that we are gathered here today in the opening ceremony of “International Conference on Health and Well-Being 2016”. As the Dean of Faculty of Health Science, Universitas Muhammadiyah Surakarta, I feel very proud on this event that is organized by Faculty of Health Science and Faculty of Psychology, Universitas Muhammadiyah Surakarta.

We expect that this conference could become a wonderful scholarly activity with the publication, which is in line with the vision of Faculty of Health Science to “become the center of education and development of science, technology and art in the field of health science based on Islamic values and give direction of changes”. We wish that this event could become a communicative gathering of leaders, stakeholders, and professional workers, as well as researchers to establish inter-professional communication among different parties to promote global sustainable development.

Thank you very much to the committee for managing this conference. We hope that this event will bring many benefits to the education development in Faculty of Health Science and Faculty of Psychology in our university and also to all of our honored participants. We also hope to conduct this conference routinely, and therefore we will welcome all constructive criticism and suggestions for a better conference in the future. May Allah bless this conference. Aameen.

*Wassalamu'alaikum wa rahmatullah wa barakatuh*

Dr.Suwaji, M Kes  
Dean of Faculty of Health Science, UMS

## WELCOME REMARK



*Assalamu'alaikum wa rahmatullah wa barakatuh*

Ladies and Gentlemen,

It is my pleasure and privilege to welcome all of you to this landmark conference on health and well-being, co-hosted by Faculty of Psychology and Faculty of Health Science, Universitas Muhammadiyah Surakarta.

The conference is our commitment to play roles together with international communities in health and well-being. On the last decade, our international collaboration with universities worldwide have supported us to develop sciences parallel with other universities in the world. Particularly, in the area of research development and international publication, Universitas Muhammadiyah Surakarta is committed to enhance research capacity and contribution to Sustainable Development Goals.

Through this conference, we would like to engage with all of you in an open and constructive dialogue about sustainable healthy lives to promote well-being for all at all ages in some areas, namely: psychology; public health; food, nutrition, and health; physiotherapy; and nursing. The dialogue is important to provide a platform for researchers and professional workers to take part in achieving the Sustainable Development Goals and to build professional collaboration to promote global sustainable development.

Welcome you again in Solo “the spirit of Java”, and enjoy your time in the conference.

*Wassalamu'alaikum wa rahmatullah wa barakatuh*

Best Wishes,

Taufik Kasturi,  
Dean of Psychology Faculty, Universitas Muhammadiyah Surakarta

## WELCOME REMARK



*Assalamu'alaikum Warahmatullaahi Wabarakaatuh,*

Distinguished Speakers: Emeritus Professor Dr. Khor Geok Lin; Professor Dr. Malik Badri; Dr. D. Anwar Musadad, SKM, M.Kes; Asst. Professor Dr. Mantana Vongsirinavarat and Professor Teresita I Barcelo, PhD, RN, Colleagues, Ladies and Gentlemen. Thank you, for joining us at the ICHWB 2016 organized by the Faculty of Health Science and Faculty of Psychology Universitas Muhammadiyah Surakarta. I would like to present my compliments to all academic colleagues and administrative authorities participating in this conference and express to you my deep satisfaction for sharing this important moment to work together in promoting the Sustainable Development Goals, a 2030 global sustainable future.

To our eminent speakers and all participants who have come from provinces in Indonesia and others countries such as Kenya, Malaysia, and Thailand, I am greatly honoured and pleased to welcome you to Surakarta, on behalf of Universitas Muhammadiyah Surakarta. This conference is certainly a special occasion for those who concern in health and well-being including educators, researchers and professional workers as well as students.

The theme of this conference is 'Toward sustainable healthy lives to promote well-being for all at all ages'. The successful Millennium Development Goals (MDGs) agenda during 2010-2015 still left some gaps in many respects, including food, nutrition and health, public health as well as well-being. Many problems still exist in some countries such as persistent gender inequality; gap between the poorest and richest households, and between rural and urban areas; climate change and environmental degradation. These challenges undermine the progress achieved, and poor people suffer the most; conflicts remain the biggest threat to human development; and millions of poor people still live in poverty and hunger, without access to basic services. The MDGs provide us many lessons about the importance of building collaboration to achieve global sustainability.

I hope this conference provides you with a forum to exchange scientific ideas, inspire new research, and new contacts for closer co-operation, so that we can, together, take part in promoting and achieving the global development goals.

I also wish you a pleasant and interesting stay in Surakarta, the heritage city of Central Java Indonesia.

Thank you very much.

*Wassalamu'alaikum Warahmatullaahi Wabarakaatuh.*

Prof. Bambang Setiaji  
Rector of Universitas Muhammadiyah Surakarta

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# INTERNATIONAL CONFERENCE ON HEALTH AND WELL BEING (ICHWB) 2016

## WORKSHOP AND SEMINAR PROGRAMME

<b>WORKSHOP PROGRAMME (Friday, May 27<sup>th</sup> 2016)</b>		
08.00 – 11.30 am		
<b><u>Room:</u></b> Puri Nalendra 3 D'Wangsa Lor-In Hotel	<b><u>Room:</u></b> D'Wangsa Hap Hotel	<b><u>Room:</u></b> Post Graduates' Seminar Room UMS
<b><u>Facilitator:</u></b> Emeritus Professor Dr. Khor Geok Lin	<b><u>Facilitator:</u></b> Asst. Professor Dr. Mantana Vongsirinavarat	<b><u>Facilitator:</u></b> Professor Dr. Mallik Badri
<b><u>Topic:</u></b> Getting Published: How To Write A Good Journal Article	<b><u>Topic:</u></b> The Principle of Physiotherapy Management in Elderly People with Knee-Joint Problems	<b><u>Topic:</u></b> Islamic Psychotherapy
12.30-16.00 pm		
Tour to Sangiran Museum (prior registration required)		
19.00-21.00 pm		
Conference dinner (prior registration required)		

<b>SEMINAR PROGRAMME (Saturday, May 28<sup>th</sup> 2016)</b>	
D'Wangsa Hotel, Level 5, Room: Puri Nalendra 4	
07.00-07.45	Registration + morning tea
07.45-08.30	Opening
	Quran Reciting
	Sing Indonesian Anthem
	Report Speech from Chair Person
	Opening Speech from Rector
	Saman Dance
08.30-10.00	Panel I
	Moderator: Nur Lathifah Mardiyati, S.Gz, MS Speakers: 1. Emeritus Professor Dr. Khor Geok Lin 2. Professor Teresita I Barcelo, PhD, RN
10.00-10.15	Coffee Break
10.15-11.25	Panel II
	Moderator: Taufik, MSi., PhD Speakers: 1. Asst. Professor Dr. Mantana Vongsirinavarat 2. Professor Dr. Malik Badri 3. Dr.D. Anwar Musadad, SKM, MKes
11.30-13.00	Break
13.00-18.00	Oral Presentation

**ROOM : PuriNalendra 1-2****Topic: Psychology**

Moderators: Lisnawati, M.Si.

Total Participants: 10

<b>13.00-13.05</b>	Opening	
<b>13.05-13.15</b>	Susatyo Yuwono	Diversity Management and Well-Being in Higher Education
<b>13.15-13.25</b>	Karina Meriem Brahmana	Male Gender Role Conflict : A Review
<b>13.25-13.35</b>	Sarvarubini Nainee	The Effect of Fathering on Filial Piety Among Adolescents in Malaysia
<b>13.35-13.45</b>	<i>Discussion</i>	
<b>13.45-13.55</b>	Ganissufi Kautsar	Construct Validity Test Instruments Health Belief Model (HBM) in Cervical Cancer Screening Behavior
<b>13.55-14.05</b>	Anggita Dian Cahyani	Eating Habits of Employee in Jakarta
<b>14.05-14.15</b>	Anrilia Ema Mustikawati Ningdyah	Preparation of Psychologist for The Delivery of Mental Health Care Services in Indonesia : An Overview of The Current Curricula of Indonesian Professional Psychology Programs
<b>14.15-14.25</b>	<i>Discussion</i>	
<b>14.25-14.35</b>	Soon Aun Tan	Parental Autonomy Support and Filial Behavior: Does This Relationship Differ between Male and Female Adolescents?
<b>14.35-14.45</b>	Glory Nancy Viapude	Social Capital as a Predictor of Prosocial Risk Behaviour Among Adolescents
<b>14.45-14.55</b>	<i>Discussion</i>	
<b>14.55-15.05</b>	Nuke Martiarini	What Javanese People do When They are in Ego Depletion State?
<b>15.05-15.15</b>	Luh Putu Suta Haryanthi	The Role of Partner in The Process of Improving the Quality of Coping for Breast Cancer Patients
<b>15.15-15.25</b>	<i>Discussion</i>	
<b>15.25-15.30</b>	<i>Closing</i>	

**ROOM : Puri Nalendra 1A****Topic: Public Health & Food, Nutrition and Health**

Moderators: 1) Tomy Ady Prasetyo, S.Kep, Ns, BN RN, 2) Pramudya Kurnia, STP., M.Agr.

Total Participants: 11

<b>13.00-13.05</b>	Opening	
<b>13.05-13.15</b>	Ratna Dian Kurniawati	The Correlation Between Healthy Latrines With Diarrhea in The Village of District Cicalengka Kulon Bandung Regency, at The Working Area of Puskesmas Cicalengka 2015
<b>13.15-13.25</b>	Giselly Vionalita	Quality of Life From Trash Picker's Children in Rawa Kucing Tangerang
<b>13.25-13.35</b>	Rio Purnama	Socioeconomics and Water Use Sanitation Behaviours among People in Downstream Area of The Musi River, Palembang, South Sumatra,

		Indonesia
13.35-13.45	<i>Discussion</i>	
13.45-13.55	Haris Setyawan	The Correlation of Predisposing Factors of The Fire Emergency Practices
13.55-14.05	Heru Subaris Kasjono	Social Capital Based Health Promotion of Mosquito Breeding Places Elimination of Dengue Hemorrhagic Fever in Bantul District
14.05-14.15	Peter JumaOchieng	In Vivo Toxicological and Histopathological Effects of Aflatoxin B1 Exposure and Related Risk
14.15-14.25	<i>Discussion</i>	
14.25-14.35	Nugroho Wisnu Murti	Socioeconomic Determinants of Health Insurance Membership in Childbearing Age Women in Indonesia
14.35-14.45	Sakinah Nur Rokhmah	“Cafeku” (Care for endemic Tuberculosis) Facilities of Tuberculosis Rehabilitation Approach an Eudaimonic
14.45-14.55	Kurnia Istiqomah	Dental Health Service in Indonesian Rural Area Using Dental Health Education Volunteer Payment Concept
14.55-15.05	<i>Discussion</i>	
15.15-15.25	Endang Nur Widyaningsih	The Relationship Between Consumption of Sugary Food and Tooth Brushing Behaviour With Incidence of Dental Caries at Children Aged 24-59 Month in Mranggen Polokarto Sukoharjo
15.25-15.35	Pramudya Kurnia	Consumer Attitude, Nutrition Knowledge and Use of Nutrition Information on Beverages Labels of Soft Drinks Among Adolescents in Surakarta, Indonesia
15.35-15.45	<i>Discussion</i>	
15.45-15.50	Closing	
<b>ROOM : Puri Nalendra 1B</b>		
<b>Topic: Food, Nutrition and Health</b> Moderators: 1) Fitriana Mustikaningrum, S.Gz., M.Sc., 2) Farida Nur Isaeni, S.Gz., M.Sc. Total Participants: 12		
13.00-13.05	Opening	
13.05-13.15	Sri Sumarmi	Maternal Short Stature and Neonatal Stunting : An Inter-Generational Cycle of Malnutrition
13.15-13.25	Dyah Intan Puspitasari	Relationship of Fat Intake and Waist to Hip Ratio (WHR) with Low Density Lipoprotein (LDL) Concentration in Menopause Women at Posyandu Ngudi Waluyo Surakarta
13.25-13.35	Endang Sutisna Sulaeman	The Effect of Oxytocin Massage in The Postpartum Mother on Breast Milk Production in Surakarta Indonesia
13.35-13.45	<i>Discussion</i>	
13.45-13.55	Muhammad Iqbal	The Influence of Different Temperatures and Storing Durations on The Contents of Lactose, Protein, and Fat in Breast Milk
13.55-14.05	Nur Lathifah Mardiyati	The Effect of Food Labels to The Total Calories of

		Food Ordered at Restaurants
14.05-14.15	Nanda Aulia Rumana	Effect of Iron Supplementation During Pregnancy on Neonatal Death in Indonesia
14.15-14.25	<i>Discussion</i>	
14.25-14.35	Risda Yulianti Jumiyati	Nutrition Education Improves Mother's Knowledge and Attitude in The Provision of Complementary Foods
14.35-14.45	Rinda Nurul Karimah	Information System Development to Support Nutritional Care at Nutrition Installation in RSU PKU Muhammadiyah Bantul. DIY
14.45-14.55	Zulyamin Kimo	Test of Effectiveness Tempuyung Leaf Decoction ( <i>Sonchusarvensis</i> ) to The Decrease Total Cholesterol in Male Rats ( <i>Rattus novergicus</i> )
14.55-15.05	<i>Discussion</i>	
15.05-15.15	Farapti	Long Time of Residence at Urban Coastal is Inversely Associated With Sodium Intake in Elderly Participating in Health Care Programme
15.15-15.25	Puspito Arum	Dietary Knowledge, Body Image, and Dietary Practice in 18-20 Years Old Girls
15.25-15.35	Setyaningrum Rahmawaty	Association Between Fish Consumption and Blood Cholesterol Level in Elderly
15.35-15.45	<i>Discussion</i>	
15.45-15.50	Closing	
<b>ROOM : Puri Nalendra 2</b>		
<p><b>Topic: Nursing &amp; Physiotherapy</b>  Moderators: 1) Ekan Faozi, S.Kep, Ns, 2) YulisnaMutia Sari, S.Ft., M.Sc.  Total Participants:10</p>		
13.00-13.05	Opening	
13.05-13.15	Siti Lestari	Self Management Education Model For Improving The Competence in Early Detection of Hypoglycemia Among People With Diabetes Mellitus In Dr.Muwardi Hospital
13.15-13.25	Okti Sri Purwantini	Length of Diabetic Disease Correlated With Diabetic Foot Ulcers at Dr.Muwardi Hospital of Surakarta
13.25-13.35	<i>Discussion</i>	
13.35-13.45	Supratman	Factors Affecting Life Satisfaction of The Elderly in District of Sukoharjo Indonesia
13.45-13.55	Winarsih Nur Ambarwati	Psychological Responses and Coping Strategies among Javanese Women With Cervical Cancer during Chemotherapy Treatment in Surakarta
13.55-14.05	<i>Discussion</i>	
14.05-14.15	Adnan FarisNaufal	The Effect of Massage Stimulating in Decreasing Neonates Bilirubin Levels in Dr. Moewardi Hospital of Surakarta
14.15-14.25	Yulisna Mutia Sari	Relationship Between Vertigo and History of Falls of Community Dwelling Older People in Surakarta Indonesia

14.25-14.35	Dwi Kurniawati	Effect Exercise of Combination of Isotonic (COI) and Education of Reduction Lower Back Pain (NBP) in Laundry Workers in The Village Pabelan University of Muhammadiyah Surakarta
14.35-14.45	<i>Discussion</i>	
14.45-14.55	Isnaini Herawati	Effect of Progressive Muscle Relaxation Exercise to Decrease Blood Pressure for Patients with Primary Hypertension
14.55-15.05	Wahyuni	The Effect of Pilates Exercise to Hampering Menstrual Pain in Adolescent 18-21 Years Old
15.05-15.15	Dwi Rosella Komalasari	The Effect of Ultrasound Wave to Improve Skin Turgor
15.15-15.25	<i>Discussion</i>	
15.25-15.30	Closing	
<b>ROOM : Puri Nalendra 3</b>		
<p><b>Topic: Psychology</b>  Moderators: 1) Santi Sulandari,S.Psi, M.Ger, 2) Nur Lathifah Mardiyati, S.Gz., MS.  Total Participants: 10</p>		
13.00-13.05	Opening	
13.05-13.15	Titi Sahidah Fitriana	Validation of Attachment Styles Questionnaire in Indonesia Culture
13.15-13.25	Binta Mu'tiya Rizki	Emotion Regulation Strategy and Resilience of Women Prisoners
13.25-13.35	Rini Lestari	Knowledge, Attitude, and Behavior of Adolescent Toward Diabetes Mellitus
13.35-13.45	<i>Discussion</i>	
13.45-13.55	Herwinda Suci Ambarwulan	The Effect of Self Efficacy and Social Support for Cancer Patients of C-Tech Labs Edwar Technology Resilience
13.55-14.05	Wiwien Dinar Pratisti	The Relation of Emotion Regulation and Subjective Well Being in Adolescents
14.05-14.15	Netty Herawati	The Influence of Couple Harmony and Marital Adjustment to Marital Happiness of Ethnic Madurese
14.15-14.25	<i>Discussion</i>	
14.25-14.35	Aldani Putri Wijayanti	Jawa Tengah Free From Pasung 2019 : A Case Record of Mentally Illness Ex-Physically Restrained Patients in Mental Health Hospital
14.35-14.45	Farah Aulia	How The Child's Experience in School Life and its Relation to Wellbeing
14.45-14.55	<i>Discussion</i>	
14.55-15.05	Usmi Karyani	Meta-Analysis on School-Based Intervention to Enhance Student Mental Health and Wellbeing
15.05-15.15	Ema Zati Baroroh	Self Mastery Through Active Coping Strategy to Subject With Post-Traumatic Stress Disorder (Case Study : Woman Victim of Earthquake)
15.15-15.25	<i>Discussion</i>	

<b>15.25-15.30</b>	Closing
<b>16.30-17.00</b>	Presentation of Presenter Award
	Conference Closing
<b>17.00-22.00</b>	Watch <i>Sendratari Ramayana</i> in <i>Prambanan Temple</i> , a spectacular traditional dance performance to welcome the moon in the Prambanan Temple, Jogjakarta. Prior registration required for participants.

## SPEAKERS



**Emeritus Professor Dr. Khor Geok Lin** is a Fellow of the Academy of Sciences Malaysia and the Chief Editor of the Malaysian Journal of Nutrition, which is the official publication of the Nutrition Society of Malaysia, of which she is a Founding Member and Trustee.

In 2010, Dr. Khor joined the International Medical University, Malaysia (IMU) as Professor of Nutrition and Dietetics and was the Dean of the School of Health Sciences, IMU from 2012-2015. Prior to joining the IMU, she was Professor of Community Nutrition in Universiti Putra Malaysia (UPM). She was conferred the title of Emeritus Professor in 2013 by UPM, in recognition of her contributions.

Prof Khor obtained her first degree in McGill University, Montreal, Canada and later pursued her MSc at University of Guelph, Ontario, Canada and PhD from Social and Preventive Medicine, Faculty of Medicine, University of Malaya, Malaysia. She has also received numerous academic awards including the Takemi Fellowship and Fulbright Scholarship, Harvard School of Public Health US; Association of Commonwealth Universities Development Fellowship, Monash University, Clayton, Australia; Association of Southeast Asian Institutions for Higher Learning Fellowship, Auckland University of Technology, Auckland, New Zealand; and the Asia Pacific Clinical Nutrition Society (APCNS) Award.

Prof Khor has been actively involved in various international and national professional organizations in different capacities, some of which are listed below:

- 2004 -2014: Member, FAO/UNU World Food Program Technical Advisory Group (TAG)
- Since 1996: External Consultant, SEAMEO-TROPMED Regional Centre for Food and Nutrition (RECFON) and since 2004, Consultant, Southeast Asia Nutrition Leadership Program (SEANLP)
- Since 2003: Scientific Advisor, International Life Sciences Institute (ILSI) Southeast Asia
- 2002-2010: Member, United Nations Systems Standing Committee on Nutrition (SCN), Working Group on Capacity Development/Task Force on Capacity Strengthening in Nutrition in Asia (CASNA).
- 1996 -2014: Chairman, Technical Working for Training of the National Plan of Action For Nutrition of Malaysia (NPAN), Ministry of Health Malaysia (MOH)
- Since 1996: Member, National Coordinating Committee for Food and Nutrition of Malaysia (NCCFN), MOH Malaysia

Prof Khor research interests are in community and public health nutrition, especially in areas of nutrition and non-communicable chronic disease, micronutrients in development and health, and nutrition issues with policy and programme implications..She has supervised many postgraduate students. She has published over 100 indexed journal papers and book chapters. In addition, she has been invited to speak on her areas of expertise in many international conferences.





**Professor Dr. Malik Badri** was born in Rufa'a, Sudan in 1932. He obtained his B.A. (with distinction) and his Master from the American University of Beirut, in 1956 and 1958, respectively. He further obtained his Ph.D. from the University of Leicester, England in 1961 and his Postgraduate Certificate of Clinical Psychology from the Academic Department of Psychiatry of the Middlesex Hospital Medical School of London University in 1966. He was elected Fellow of the British Psychological Society in 1977 and now he is the holder of the title of Chartered Psychologist C.Psychol from the same Society. In recognition to his contributions in his field he was awarded an honorary D.Sc. from the

Ahfad University and was decorated by the President of Sudan in April of the year, 2003, with the medal of Shahid Zubair which is the highest award for academic excellence.

Apart from being appointed as professor and dean in various universities, such as Dean of the Faculties of Education in the University of Khartoum and Juba University and the Acting Dean of the International Institute of Islamic Thought and Civilization of the International Islamic University, Malaysia, he was also the founder of a number of departments of psychology and education such as the one he established in Imam Mohammad bin Saud University in Riyadh and the Applied Psychology Department of the University of Khartoum. Professor Badri also served as senior clinical psychologist in a number of hospitals and clinics in the Middle East and Africa and was the founder of the Psychological Clinic of the University of Riyadh, Saudi Arabia in 1971. He has published widely in psychology and education and his works have been translated into many languages of the Islamic world.

Dr. Badri was elected by UNESCO to be the expert in Bahirdar Ethiopia and was also given short appointments by the World Health Organization as a researcher and member of a committee in the field of traditional medical practices. At present he is Distinguished Professor of Clinical psychology in the Department of Psychology of the Ahfad University in Omdurman, Sudan. As of March 10, Professor Malik Badri has been appointed Holder of the prestigious Chair of Ibn Khaldun in the Faculty of Revealed Knowledge and Human Science of the International Islamic University in Malaysia.

#### **Research Area**

Psychology, Clinical Psychology, Cognitive Behaviour Therapy, Islamic Psychology, Social Psychology, Islamic Studies

#### **Current Position**

Professor, Department of Psychology, International Islamic University Malaysia



**Dr. Dede Anwar Musadad, SKM, MKes.** is Head of Centre for Public Health Intervention Technology, Ministry of Health, Republic of Indonesia and senior researcher on environmental health. He was born in Tasikmalaya, West of Java in September, 15<sup>th</sup>1957.

Dr. Anwar obtained his first degree in Academic of Sanitation Jakarta in 1980 and Public Health in University of Indonesia in 1988. Later he pursued his MSc. and PhD in the field of Epidemiology Program in University of Indonesia in 1996 and 2013, respectively.

Dr. Anwar has been actively involved in various national and international organizations as a consultant, some of which are listed below:

- Technical Assistance on "Water Supply and Sanitation for the Low Income Group of Community (WSSLIC), DG of Diseases Control and Environmental Health, MoH, 1993.
- WHO National Consultant on Early Detection of Food Contamination, DG of Drug and Food Control, MoH, 1997/1998.
- WHO National Consultant on Sanitation Clinic Program, DG of Diseases Control and Environmental Health, MoH, 2001.
- Environmental Health Association, 2001-now.
- Indonesian Health Pilgrim Association, 2002-now.
- Indonesian Epidemiologist Association, 2004-now.

Since 1987, Dr. Anwar actively conducted researches in the field of his expertise, of which he was the principle investigator. His research experiences are listed below:

- Social aspect of hospital sanitation study, 1987
- Sanitation aspect of catering management in Jakarta, 1988
- Evaluation study of environmental health village development, 1991.
- Improvement of food handling sanitation with partnerships system, 1997.
- Media promotion development of food street sanitation in Jakarta, 1998.
- Evaluation study of regulation applied on wastewater management in Jakarta, Yogyakarta and Surabaya, 1999.
- Spatial analysis of environmental pollution and health problem in big cities, 2000.
- Correlation between housing and TB infection in household, 2002.
- Control model development of environmental based diseases, 2003-2004
- Development study of Occupational Health Effort on Informal sector, 2004.
- Community Health Development in Kepulauan Seribu, 2005.
- Community Health Development in Sukabumi, 2006.
- The impact of magnetic field and electric field on child leukemia, case control study, 2007.
- Assessment of Daily Water Use in Selected Water Scarcity Areas, 2008.
- Impact of drinking water on dental caries in Bangka Belitung Islands, 2009.
- The profile of maternal health and non-ionizing radiation, 2009.
- Pre-eliminatory Study for Climate Change relation with Disease Patterns in 6 Provinces, 2010.
- Health Facility Research, 2011.



**Asst. Professor Dr. Mantana Vongsirinavarat** obtained her first and second degree, B.Sc. (Physical Therapy) in 1991 and MSc. (Physical Therapy) in 1995 at Mahidol University, Bangkok, Thailand, respectively. Later she obtained her PhD (Physical Therapy) in 2003 from Texas' Woman University, Houston, Texas, USA and completed English-Training-Course with Certification for scoliosis treatment.

Her research interests are in physical therapy in musculoskeletal conditions, disability in elderly, health policy relevant to physical therapy.

Asst. Prof. Dr. Mantana received numerous awards & funding related to her expertise, such as:

- National Research Council of Thailand: Physical Disability, Prevention, and Treatment in Thai Elderly in Community. Co-investigator. 2011.
- Office of Higher Education Commission. The Qualification standards for Higher Education: Physical Therapy. Chair of Consultant. 2010.
- National Research Council of Thailand: The Study of Book Sharing System in Small Primary Schools. Project Manager. 2009
- National Health Security Office, Bangkok Branch: Community Physical Therapy Services Program for Individual with disability. Project Manager. 2005-present

#### Positions & Working Experiences

- 2004 - present Assistant Professor, Faculty of Physical Therapy, Mahidol University
- 2007- 2009 Physical Therapist (owner), Mantana Physical Therapy Clinic, Bangkok, Thailand
- 1995 – 2004 Lecturer, School of Physical Therapy, Mahidol University
- 1993-1995 Physical Therapist (part-time), Central General Hospital, Bangkok, Thailand

#### Teaching Courses at Mahidol University Professional Curriculum:

Contemplative Education for Physical Therapy; Basic Knowledge and Skills for Physical Therapy; Physical Therapy Assessment and Diagnosis; Physical Therapy in Musculoskeletal System; Exercise Therapy; Manipulative Therapy; Physical Therapy in Community; Administration and Laws

#### Post professional Curriculum:

Professional Manipulative Therapy; Research Methodology and Statistics; Advanced Statistics in Health Sciences; Independent Study

#### Professional Memberships

1991 – present Member, The Physical Therapy Association of Thailand  
2000 – 2003 Member, The American Physical Association

#### Professional Service

2011-2014 President, The Physical therapy Council, Thailand  
2008-2011 Manpower taskforce, The Physical therapy Council, Thailand  
2004-2008 Secretary General, The Physical therapy Council, Thailand  
1996-1997 Public Relation, The Physical Therapy Association of Thailand  
1994-1995 Secretary General, The Physical Therapy Association of Thailand



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**Prof. Teresita I. Barcelo RN, PhD** is a Dean of the College of Nursing at Centro Escolar University. She also became the President of the Philippine College of Nursing. Prof. Teresita obtained her first degree from University of Santo Tomas in Bachelor of Science in Nursing (1960-1965) and pursued her Master of Arts, Nursing from University of Santo Tomas (1967-1972). Her Ph.D from Development Education, University of Santo Tomas was obtained from 1985-1989. She was conferred the title of Professor by UP College of Nursing UST Graduate School. Prof. Teresita has been actively involved in professional organisation as President of Philippine Nurses Association (PNA) from 2008-present. She also awarded as "2012 Outstanding Woman Leader in Manila in the field of Education" by the City of Manila and Soroptimist International, Sampaloc Chapter on May 26, 2012.