

NURSING & MIDWIFERY LINKS

Official Publication of the Global Network of World Health Organization
Collaborating Centres for Nursing and Midwifery Development

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NURSING & MIDWIFERY LINKS

Official Publication of the Global Network of World Health Organization Collaborating Centres for Nursing and Midwifery Development

Nursing & Midwifery Links aims to disseminate information on the Global Network of WHO Collaborating Centres for Nursing and Midwifery Development and publish technical-scientific articles related to Nursing and Midwifery in the light of WHO's program of work.

THE CONTENTS OF PUBLISHED ARTICLES EXPRESS THE VIEWS OF AUTHORS AND DO NOT NECESSARILY REFLECT THE VIEWS AND OPINIONS OF THE GLOBAL NETWORK OF WHO COLLABORATING CENTRES FOR NURSING & MIDWIFERY DEVELOPMENT SECRETARIAT.

Editorial Office

SOBRACE – Brazilian Society for Nursing Communication
University of São Paulo at Ribeirão Preto College of Nursing
Av. Bandeirantes, 3900
14040-902 - Ribeirão Preto-SP BRAZIL
Phone: +55 16 3602 3393
E-mail: globalnet@usp.br
Website: www.eerp.usp.br/globalnet

Editor in Chief

Isabel Amélia Costa Mendes
Secretary General
Global Network of WHO Collaborating Centres for Nursing and Midwifery Development

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Executive Coordinator
Global Network of WHO Collaborating Centres for Nursing and Midwifery Development

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Livia de Oliveira Pasqualin
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Ministry of Health
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INSIDE THIS ISSUE

Editorial	01
Revisiting our History	02
Tribute to Beverly J. McElmurry	08
Updates from NMO WHO Geneva	09
News & Collaboration Experiences	10
Reports from Collaborating Centres	14
News from partners	49
Global Network & WHO Collaborating Centres Events	50

Global Network of WHO Collaborating Centres for Nursing & Midwifery Development

This issue is devoted to revisit the history of the Global Network of WHO Collaborating Centres for Nursing and Midwifery Development and also to show the activities developed by the Collaborating Centres in achieving their terms of reference within WHO Programmes of Work.

Since its creation, in 1988, the Global Network is working to maximize the contribution of Nursing and Midwifery in order to strengthen States, Member Centres, NGOs, and others interested in promoting the health of populations. It is carrying out advocacy with the view of "Health for All through Nursing and Midwifery Excellence".

This special edition of the Nursing and Midwifery Links shows a small portion of all what has been done by the Centres in the past year, attempting to contemplate the relevant role the Network plays to Health.

It is also an opportunity to congratulate each Collaborating Centre for Nursing and Midwifery, the WHO Nursing Office and the Regional Nursing Advisors for the excellent work done in these twenty two years. Showing our achievements stimulates us to increase even more our collaboration and networking and continue advocating to Nursing and Midwifery Development.



A handwritten signature in black ink, reading "Isabel Mendes".

Isabel Amélia Costa Mendes, RN, PhD
Secretary General



A handwritten signature in black ink, reading "Carla A. Arena Ventura".

Carla A. Arena Ventura, PhD
Executive Coordinator

Global Network of WHO Collaborating Centres for Nursing & Midwifery Development
WHO Collaborating Centre for Nursing Research Development
University of São Paulo at Ribeirão Preto College of Nursing - Brazil

Global Network of WHO Collaborating Centres for
Nursing & Midwifery Development:

Revisiting our History

by Isabel Amélia Costa Mendes, RN, PhD

Carla A. Arena Ventura, PhD

WHO Collaborating Centre for Nursing Research Development - University of São Paulo at Ribeirão Preto College of Nursing

The World Health Organization (WHO) is the directing and coordinating authority for health within the United Nations system. It is responsible for providing leadership on global health matters, shaping the health research agenda, setting norms and standards, articulating evidence-based policy options, providing technical support to countries and monitoring and assessing health trends.

WHO's objective, as set out in its Constitution, is the attainment by all peoples of the highest possible level of health. In the 21st century, health is considered a shared responsibility, involving equitable access to essential care and collective defense against transnational threats. The World Health Assembly (WHA) is the supreme decision-making body for WHO. It meets each year in May in Geneva, and is attended by delegations from all 193 Member States.

WHO's work is decentralized in six regions, which constitute an integral part of the organization:

AFRO WHO (Region for Africa)
AMRO WHO (Region for the Americas)
EMRO WHO (Region for the Eastern Mediterranean)
EURO WHO (Region for Europe)
SEARO WHO (Region for South East Asia)
WPRO WHO (Region for the Western Pacific)

In 1949, the Second World Health Assembly (WHA) laid down the policy that the Organization should not consider "the establishment, under its own auspices, of international research institutions" and the "research in the field of health is best advanced by assisting, coordinating and making use of the activities of existing institutions", introducing the background to designate WHO Collaborating Centres (WHOCC).

By definition, a WHO Collaborating Centre is an institution designated by the Director-General of WHO to form part of an inter-institutional collaborative network set up by WHO in support of its programme at the country, intercountry, regional, interregional and global levels, as appropriate. In line with the WHO policy and strategy of technical cooperation, a WHO Collaborating Centre must also participate in the strengthening of country resources, in terms of information, services, research and training, in support of national health development.

Designation is made with the agreement of the head of the establishment to which the institution is attached or with that of the director of the institution, if it is independent, and after consultation with the national government. An institution is designated initially for a term of four years and it may be renewed for the same or a shorter period. Designation is independent of financial support being given to the institution by WHO. All WHO Collaborating Centres, whether they deal with research or not (most of them do), have been designated under that policy, which has undoubtedly enhanced national participation in the Organization's activities.

WHOCCs may carry out one or several of the following functions:

- Collection and dissemination of information.
- Development, application and evaluation of appropriate technology.
- Provision of reference services, such as quality assurance.
- Participation in collaborative research developed under WHO's leadership, including the planning, conduct, monitoring and evaluation of research, and the promotion of the application of its results.
- Education and training, including research training.
- Coordination of activities carried out by several institutions on a given subject.

Currently there are over 800 WHOCCs in more than 80 Member States working with WHO on areas such as nursing, occupational health, communicable diseases, nutrition, mental health, chronic diseases and health technologies.

Founded in 1988, the Global Network of WHO Collaborating Centres for Nursing and Midwifery Development is an independent, international, non-profit, voluntary organization comprising the worldwide WHOCCs for Nursing and Midwifery as its members. As its core, the membership includes internationally renowned nursing and midwifery leaders, underlining the significance of this expert group.

The vision of the Global Network is "Health for All through Nursing and Midwifery Excellence".

The mission of the Global Network is to maximize the contribution of Nursing and Midwifery in order to advance States, Member Centres, NGOs, and others interested in promoting the health of populations. The Network carries out advocacy and evidence based policy activities within the framework of the World Health Assembly and regional resolutions and the WHO Programs of Work.

The Global Network has an elected governing body consisting of a Secretary General and an Executive Committee. The Secretariat is elected from the member Collaborating Centres for a period of four years and it functions as the coordinating body of the Network. It is headed by a Secretary General who is the Director of the Collaborating Centre.

The following Collaborating Centres were elected as Secretariat:



1988 – 1994

University of Illinois at Chicago College of Nursing, USA
Secretary General: Dr. Mi Ja Kim



1994 – 1998

Yonsei University College of Nursing, South Korea
Secretary General: Dr. Mo Im Kim



1998 – 2000

The University of Manchester School of Nursing,
Midwifery and Social Work, UK
Secretary General: Dr. Tony Butterworth



2000 – 2004

George Mason University School of Nursing, USA
Secretary General: Dr. Rita M. Carty



2004 – 2008

Glasgow Caledonian University School of
Nursing, Scotland)
Secretary General:
Dr. Barbara Parfitt (2004-2006)
Dr. Valerie Fleming (2006-2008)



2008 – 2012

University of São Paulo at Ribeirão Preto College of
Nursing, Brazil
Secretary General: Dr. Isabel Amélia Costa Mendes

Photos:

Mi Ja Kim - The Board of Trustees of the University of Illinois (Website) | Mo Im Kim - Nursing & Midwifery Links, 2003 | Tony Butterworth - University of Lincoln Brayford Pool Lincoln (Website)
Rita Carty - Nursing & Midwifery Links, March 2004 | Barbara Parfitt - Nursing & Midwifery Links, April 2005 | Valerie Fleming - Nursing & Midwifery Links, October 2007
Isabel Amélia Costa Mendes - Antonio Augusto Della Rosa

Currently, the Network is integrated by the following 44 Collaborating Centres for Nursing and Midwifery:

	WHO COLLABORATING CENTRE FOR	INSTITUTION	CITY COUNTRY	DIRECTOR(S)
AFRO	Educating Nurses and Midwives in Community Problem-solving	School of Nursing - University of Natal	Durban – South Africa	Busisiwe Bhengu
	Nursing and Midwifery Development	Department of Nursing Education - University of Botswana	Gaborone - Botswana	Sabone Naomi Seboni
	Postgraduate Distance Education and Research in Nursing and Midwifery Development	Department of Advanced Nursing Sciences - University of South Africa (UNISA)	Pretoria - South Africa	Marthie Bezuidenhout and Mary Moleki
	Advanced Practice Nursing	School of Nursing - Columbia University	New York - USA	Jennifer Smith
AMRO	Development of Midwifery	School of Midwifery - University of Chile	Santiago – Chile	Hilda G. Bonilla
	Development of Midwifery Services and Education	Nurse-Midwifery Education Program, Graduate School of Public Health - University of Puerto Rico	San Juan – Puerto Rico	Irene G. Dela Torre
	Gerontological Nursing Education	Division of Nursing, School of Education - New York University	New York - USA	Madeline Naegle
	International Nursing	School of Nursing - University of Alabama at Birmingham (UAB)	Birmingham - USA	Doreen C. Harper
	International Nursing Development in Primary Health Care	College of Nursing - University of Illinois at Chicago	Chicago - USA	Mi Ja Kim
	Mental Health Nursing	School of Nursing - University of Maryland	Baltimore - USA	Jeffrey V. Johnson
	Nursing and Mental Health	Faculty of Nursing - University of Alberta	Edmonton - Canada	Judy Mill
	Nursing and Midwifery Development in the Caribbean	University of the West Indies School of Nursing (UWISON)	Kingston - Jamaica	Hermi Hewitt
	Nursing and Midwifery Leadership	School of Nursing - University of Pennsylvania	Philadelphia - USA	Afaf I. Meleis - Marjorie Muecke
	Nursing Human Resources Development and Patient Safety	School of Nursing and Health Studies - University of Miami	Miami - USA	Nilda Peragallo
	Nursing Information, Knowledge Management and Sharing	Institute for Johns Hopkins Nursing (IJHN) - Johns Hopkins School of Nursing	Baltimore - USA	Patricia A. Abbott - Martha N. Hill
	Nursing Research Development	University of São Paulo at Ribeirão Preto College of Nursing	Ribeirão Preto - Brazil	Isabel A. Costa Mendes
	Primary Care Nursing and Health Human Resources	School of Nursing, Faculty of Health Sciences - McMaster University	Hamilton - Canada	Andrea Baumann
	Primary Health Care	Escuela de Enfermería - Pontificia Universidad Católica de Chile	Santiago - Chile	Ilta Lange - Paz Soto
	Research & Clinical Training in Nursing	School of Nursing - University of California	San Francisco - USA	Sally Rankin
	Research & Clinical Training in Home Care Nursing	Frances Payne Bolton School of Nursing - Case Western Reserve University	Cleveland - USA	Elizabeth Madigan
	Research and Clinical Training in Health Promotion Nursing	University of Michigan, School of Nursing	Ann Arbor - USA	Antonia M. Villarruel
	The Development of Innovative Methodologies in the Teaching-Learning in PHC	Asociación Colombiana de Facultades y Escuelas de Enfermería (ACOFAEN)	Santafé de Bogotá - Colombia	Maria Iraidis Soto Soto
	The Development of Professional Nursing	Escuela Nacional de Enfermería y Obstetricia - Universidad Nacional Autónoma de México	Mexico DF - Mexico	Rosa A. Z. Grajales

	WHO COLLABORATING CENTRE FOR	INSTITUTION	CITY COUNTRY	DIRECTOR(S)
EMRO	Nursing Development	Faculty of Nursing - Jordan University of Science and Technology (JUST)	Irbid - Jordan	Muntaha Gharaibeh
	Nursing Development	Nursing Division - College of Health Sciences, Ministry of Health	Manama - Bahrain	Fatima Jamali
EURO	Midwifery	Royal College of Midwives (RCM)	London - UK	Frances Day-Stirk
	Nursing	DBfK - German Nursing Association	Berlin - Germany	Franz Wagner
	Nursing	Nursing Research Institute	Helsinki - Finland	Arja Holopainen
	Nursing and Midwifery Education, Research and Practice	School of Nursing, Midwifery and Community Health - Glasgow Caledonian University	Glasgow - UK	Valerie Fleming
	Primary Health Care Nursing	Danish Nurses' Organization (DNO)	Copenhagen - Denmark	Anne Granborg
	Primary Health Care Nursing	Nursing Health Centre	Maribor - Slovenia	Tamara Lubi
SEARO	Nursing and Midwifery Development	College of Nursing - Christian Medical College and Hospital	Vellore - India	Bharathy Jacob
	Nursing and Midwifery Development	Department of Nursing, Faculty of Medicine, Ramathibodi Hospital -Mahidol University	Bangkok - Thailand	Jariya Wittayasoooporn
	Nursing and Midwifery Development	Faculty of Nursing - Chiang Mai University	Chiang Mai - Thailand	Thanaruk Suwanprapisa - Kunaviktikul Wipada
	Nursing and Midwifery Development	Faculty of Nursing (Siriraj) - Mahidol University	Bangkok - Thailand	Fongcum Diloksakulchai
	Nursing and Midwifery Development	Institute of Nursing - University of Nursing, Yangon	Yangon - Myanmar	Mya Thu
	Nursing and Midwifery Development	National Institute of Nursing, College of Nursing - Post Graduate Institute of Medical Education & Research (PGIMER)	Chandigarh - India	Indarjit Walia
WPRO	Community Health Services	The Hong Kong Polytechnic University - School of Nurse	Kowloon - Hong Kong	Samantha Pang - Ada Lau
	Hospice/Palliative Care	College of Nursing - Catholic University of Korea	Seoul – Republic of Korea	Chae-Soon Park
	Leadership in Nursing Development	College of Nursing - University of the Philippines Manila	Manila - Philippines	Josefina Tuazon
	Nursing Development in Primary Health Care	Departament of Nursing - St. Luke's College of Nursing	Tokyo - Japan	Hishinuma Michiko
	Nursing in Disasters and Health Emergency Management	University of Hyogo - Research Institute of Nursing Care for People and Community	Akashi - Japan	Aiko Yamamoto
	Nursing, Midwifery and Health Development	Faculty of Nursing, Midwifery & Health - University of Technology, Sydney (UTS)	Sydney - Australia	Daly John - Michele Rumsey
	Research and Training for Nursing Development in Primary Health Care	College of Nursing - Yonsei University	Seoul – Republic of Korea	So Sun Kim - Il Young Yoo

The relationship of the Global Network of WHO Collaborating Centres for Nursing and Midwifery Development with WHO, WHO regions and important international partners is illustrated in Figure 1:

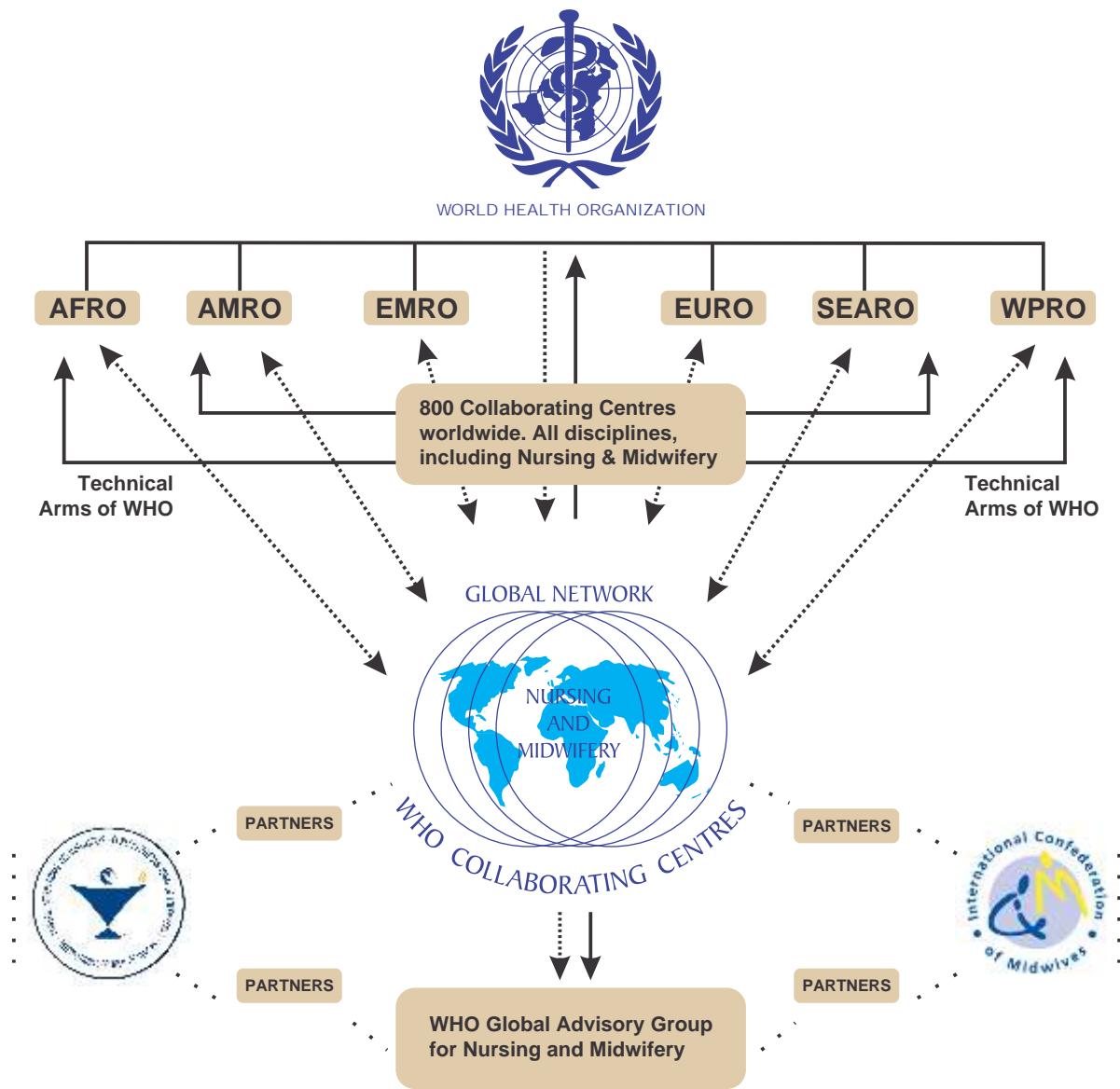


Figure 1: Relationship between the Collaborating Centres, WHO Regions and WHO¹

There have been fourteen biennial general meetings of the Global Network since its inaugural meeting in Maribor, Slovenia in 1988. The last meeting was in Thailand, in June 2008. Interim meetings have also been held most years and the next meeting will be held in São Paulo, Brazil, on July 27th and 28th under the coordination of Isabel Amélia Costa Mendes, Secretary General of the Network and Director of the WHO Collaborating Centre for Nursing Research Development in Brazil.

In its 22 years of existence, the Network of WHO Collaborating Centres for Nursing and Midwifery Development is fulfilling its mission and increasing collaboration at the global, regional and local levels. Networking and collaborating has occurred to increase Nursing and Midwifery contribution to meet the WHO goal of Health for All through Primary Health Care.

Reference:
1- Carty, R. M. *The Global Network of WHO Collaborating Centres for Nursing and Midwifery Development: a policy approach to health for all through Nursing and Midwifery Excellence*. Latin American Journal of Nursing, 2005 Sep/Oct; 13 (5): 613-8. Ribeirão Preto.

Tribute to Beverly J. McElmurry, EdD, FAAN

By Linda McCreary, RN, PhD & Todd Hissong
*University of Illinois at Chicago, College of Nursing
Global Health Leadership Program*

It is with deep sadness that we announce the death of Beverly J. McElmurry, EdD, FAAN, on May 14, 2010. Dr. McElmurry was a Professor at the University of Illinois at Chicago College of Nursing (UIC CON) since 1978, Director of the UIC CON World Health Organization Collaborating Centre for International Nursing Development in Primary Health Care since its designation in 1986, and Associate Dean for the UIC CON Global Health Leadership Program since 1990. Global health nursing and midwifery has lost a great champion.

Dr. McElmurry began her career in nursing in 1958 after graduating from the diploma program in nursing at St. Luke's Hospital, in Chicago, Illinois, USA. She continued her education with a B.S. in Med-Surg Nursing (1961), an MEd in Nursing Education (1964), both from the University of Minnesota, followed by an EdD in Administration & Services (1973) from Northern Illinois University.

Dr. McElmurry devoted the majority of her highly productive career to developing nurse scholars and leaders. She taught graduate nursing courses in practice, ethics, and methods of community-based primary health care nursing research, as well as women's health theory and research methods. She was an active, caring and inspiring mentor to UIC CON students as well as to international visiting scholars who came to the College for pre- and post-doctoral study. Dr. McElmurry's many years of teaching - from the baccalaureate to the doctoral and post-doctoral levels - and her community based participatory approach within a primary health care framework, focused on community empowerment and capacity building to improve the health of the world's people. Her passion for international nursing development was evidenced by her work in Lithuania, Botswana, Swaziland, Malawi, Chile, China, Thailand, India, and Indonesia. She fostered collaboration among universities, health care systems and local community organizations to improve quality and access to care for the medically underserved. She especially promoted the role of nurses as leaders in health care services and research aimed at improving women's health in communities around the world. Dr. McElmurry's mentoring extended beyond her role as Professor, and many of her former students are now international nursing leaders.

Dr. McElmurry and a former student collaborated with the Swaziland Ministry of Health to develop and implement a national program to train lay community health workers to teach HIV prevention and basic home nursing skills to families affected by HIV/AIDS. Dr. McElmurry continued her collaboration with this nurse scholar to implement nursing education for HIV/AIDS prevention and palliative care in China and to develop and pilot China's first Master's Degree program in community and mental health nursing. With a colleague from UIC School of Public Health, Dr. McElmurry co-directed a U.S. National Institutes of Health program to train international scholars in AIDS research.

Dr. McElmurry was Co-Director of the UIC AIDS International Training and Research Program with programs in Chile, Indonesia, Malawi, and China. She contributed much to the Pan American Health Organization (PAHO), assisting in the formation of other Collaborating Centres for Nursing and Midwifery development in the Americas. She tirelessly advocated and led by example, bringing the voice of nursing to international policy-making tables. In 2006, she was designated a Research America Ambassador at the Paul G. Rogers Society for Global Health Research.

In Chicago, she conducted a program to train community members to become lay health workers who then collaborated with public health nurses to teach community residents about maternal and child health topics. More recently in Chicago, she was involved in school health initiatives at both private and public schools, most recently through a Robert Wood Johnson Foundation project promoting physical activity and healthy eating aimed at obesity prevention in high risk, primarily Hispanic, elementary school children. One of her proudest achievements was the development of the Chicago Health Corps, an AmeriCorps Program which for 15 years has provided meaningful opportunities for participants to assist their communities in reaching those who face barriers to needed health and social services.

Beverly J. McElmurry was the embodiment of "Thinking Globally, Acting Locally." She is sorely missed.



Updates

from Nursing & Midwifery Office | WHO Geneva



Jean Yan

Former Chief Scientist for Nursing & Midwifery at WHO - Geneva
Photo by Antonio Augusto Della Rosa

The Global Network of WHO Collaborating Centres (WHOCCs) for Nursing and Midwifery Development acknowledges the priceless work developed by Jean Yan as Chief Scientist for Nursing and Midwifery at WHO and Coordinator of the Program of Health Professions Networks.

In all her activities, as member of the Strategic Advisory Committee, of the International Center on Nurse Migration, of the Global Advisory Group on Nursing and Midwifery, as an advisor of the GNWHOCC and many others incited, her work in strengthening nursing and midwifery around the globe is inestimable.

We wish her all the best in her retirement!

At the same opportunity, we welcome Eric Chan as coordinator of the Program of Work for Health Professions Nursing and Midwifery at WHO from June to December 2010. Let's continue working together for the development and strengthening of Nursing and Midwifery Globally.

News & Collaboration Experiences



University of São Paulo at Ribeirão Preto College of Nursing, Brazil

Collaboration between the University of São Paulo at Ribeirão Preto College of Nursing and University of Surrey, Faculty of Health and Medical Sciences

*by Isabel Amélia Costa Mendes, RN, PhD
WHO Collaborating Centre for Nursing Research Development
University of São Paulo at Ribeirão Preto College of Nursing*

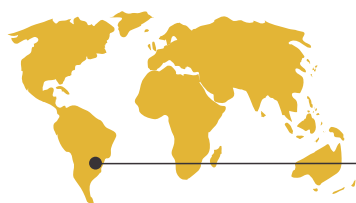
On June 10th, 2010, Professor Ann Gallagher, from the University of Surrey, United Kingdom, visited the Headquarters of the Global Network of WHO Collaborating Centres (WHOCCs) for Nursing and Midwifery Development and the WHO Collaborating Centre for Nursing Research Development. The contact initiated when Dr. Isabel Mendes was invited as a member to the International Centre for Nursing Ethics International Council, directed by Dr. Gallagher.

Dr. Gallagher was also welcomed by Carla A. Arena Ventura, Executive Coordinator of the GN WHOCC and gave a lecture on "International Perspectives on Nursing Ethics: Implications for Researchers in Brazil" to the faculty, students and staff of the University of São Paulo at Ribeirão Preto College of Nursing.

On the occasion, several projects were discussed and considered during the meetings. The visit was an opportunity to start planning collaborative activities between the two Institutions and the development of works of interest in the future.



Carla A. Arena Ventura, Ann Gallagher and Isabel Amélia Costa Mendes, GN WHOCC - Ribeirão Preto, Brazil



University of São Paulo at Ribeirão Preto College of Nursing, Brazil

International Cooperation with Haiti in Human Resources for Health

by Silvana Martins Mishima, RN, PhD

Full Professor, Department of Maternal-Infant and Public Health Nursing,
University of São Paulo at Ribeirão Preto College of Nursing,
WHO Collaborating Centre for Nursing Research Development

In March 2010, a Memorandum of Understanding was signed among the Government of the Federal Republic of Brazil, The Government of the Republic of Cuba and the Government of the Republic of Haiti for the strengthening of the public health system and services and epidemiological surveillance system in that country, in response to the need for greater cooperation with Haiti after the earthquake that occurred in January of the same year.

The Ministry of Health of Brazil, in its cooperation agenda, organized a mission to Haiti between June 05th and 12th 2010, through the Health Work and Education Management Secretariat of the Department of Health Education Management, aiming to meet the established agreements, specifically focusing on an analysis of the situation and need for technical training in health in the country after the earthquake, carried out together with the other partners (Haiti and Cuba). The aim of the Brazilian Ministry of Health in the development of the mission was to elaborate a joint diagnosis and proposal of worker training projects in different areas, such as health surveillance, nursing, community health agents, among others, to support measures to strengthen Haiti's primary care system.

One of the issues considered by the Brazilian mission targeted the evaluation of possibilities to implement the concept of Technical Health School in Haiti, based on the Brazilian expertise of the RET-SUS (Technical Schools Network of SUS – Unified Health System), which is a governmental network “created by the Ministry of Health to facilitate the articulation among the 36 Technical Schools of SUS to strengthen Professional Health Education. It is a strategy for information and experience exchange, knowledge sharing and resource mobilization”¹.

The members of the mission were a body of technicians connected to the Health Work and Education Management Secretariat (SGTES) of the Ministry of Health (MH), University of São Paulo at Ribeirão Preto College of Nursing - WHO Collaborating Centre for Nursing Research Development, UNICAMP, Technical Health Schools of the SUS Network, PAHO Technical Unit of Human Resources for Health and PAHO/WHO Program of International Cooperation in Health with SGTES/MH. The group was coordinated by Clarice Aparecida Ferraz, RN, PhD, General Coordinator of Technical Health Education Actions of the Work and Education Management Secretariat of the Ministry of Health.

With a population of around 10 million inhabitants and per capita income of USD 600, Haiti still struggles with the consequences of years of severe political, economic and social instability that marked its history. The life expectancy at birth is currently 59 years for men and 63 years for women, and the probability of death before the age of five (per 1,000 live births) is 80%².

The population in Haiti is concentrated in the urban, coastal flatlands and valley areas. After the earthquake in January 2010, Port-au-Prince, the capital of Haiti, had an exodus of around six hundred thousand people directed to the North (342 thousand) and South (262 thousand) regions, altering the demographic configuration of the country. According to the document developed by the Brazilian Ministry of Health, there is

information that, currently, approximately 29% of the population live in the capital and surroundings, 47% in the North region and 24% in the South region. Data from official documents indicate that Port-au-Prince has lost more than 800 thousand inhabitants: 600 thousand migrated and around 260 thousand died as a consequence of the earthquake¹.



Despite efforts by the Haitian state and non-governmental international organizations that went to the country to provide humanitarian aid, still today, almost six months after the earthquake, the country still has difficulties regarding basic sanitation, physical and social organization of urban spaces, the physical reconstruction process of the country, among other aspects.



Adailton Isnal - Dean of the Technical Health School Professor Valeria Hora - Alagoas; Silvana Martins Mishima, RN, PhD - Full Professor of the Department of Maternal-Infant and Public Health Nursing of the University of São Paulo at Ribeirão Preto College of Nursing - WHO Collaborating Centre for Nursing Research Development; Anna Lúcia L. Abreu - General Coordinator of the Technical Health School Maria Moreira Rocha - Acre; Anamaria Corbo, PhD - Coordinator of International Cooperation of the Joaquim Venâncio Polytechnic Health School - FIOCRUZ; Sílvia Maria Santiago, MD, PhD - Professor of the Department of Preventive and Social Medicine of the Faculty of Medical Sciences - UNICAMP; André Gustavo Perdigão - Consultant of the Pan American Health Organization - PAHO; Claudia Maria da Silva Marques, PhD - Consultant of the Pan American Health Organization - PAHO; Clarice Aparecida Ferraz, RN, PhD, General Coordinator of Technical Health Education Actions of the Health Work and Education Management Secretariat of the Ministry of Health of Brazil; Marivand Maia Pinto, Consultant of the Pan American Health Organization - PAHO

¹ www.retsus.epsvj.fiocruz.br/ access on June 25th, 2010.

² Document prepared by the International Office, Coordination of Regional Integration. Health Cooperation Brazil/Haiti/Cuba - Technical Mission of the Ministry of Health to Haiti: June 05th-16th 2010.

The pictures below are from an ancient evangelical hospital, changed into a public hospital, located in Carrefour, Port-au-Prince, which was affected by the earthquake. Due to the destruction of part of its area, only a few care sessions are performed discontinuously. Nowadays, the area is occupied by tents that give shelter to Haitians who have lost their homes. A health unit will be built in this area by the Brazilian government, and will serve as a place for care and, at the same time, headquarters for technical health personnel training and development actions.



During the visit, the delegation got to know public health and health personnel training institutions in Port-au-Prince, aiming to identify possible partners for the development of human resources for health training actions, as well as outline a map of needs identified by the local training institutions.



École Nationale des Infirmières, in the facilities after the earthquake

The work group formed by the members of the Brazilian mission, technicians from the government of Cuba and the staff of the Ministry of Health in Haiti, coordinated by Dr. Jean Henrys, direct advisor of the president of the Republic of Haiti, could identify difficulties in the health personnel training system, as well as the formal health system's difficulty to absorb new entrants, highlighting the strong private component of the system. The group worked to identify training priorities in the country, aiming to define the professional categories needed to respond to the current shortage for care delivery to the population's health needs and problems; as well as to define the priorities for all regions of the country and short, medium and long term strategies to be adopted.

The WHO Collaborating Centre for Nursing Research Development of the University of São Paulo at Ribeirão Preto College of Nursing participated to contribute to the initial diagnosis of the situation of health personnel training in Haiti, helping to identify priorities and strategies for the joint development of training projects. As the development of actions to strengthen primary health care is one of the aspects Brazil is responsible for in Haiti, this Collaborating Centre, with its expertise in professional education, primary health care and project development, can support actions for pedagogical training, production of didactic material for pedagogical instruction in the area and specific primary care themes, as well as human resource training in specific areas, through distance teaching with the use of telenursing.



Institut Haïtien de Santé Communautaire



École des Infirmières Sages-femmes, in the facilities after the earthquake

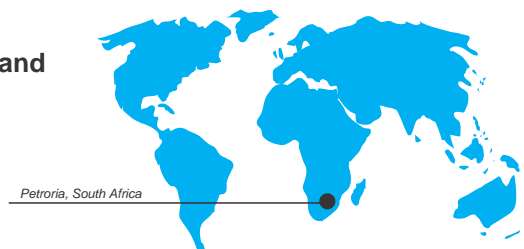
It is expected that, during this process, we can effectively build a collaboration network that acts in a supportive and responsible way to meet the identified needs, taking into account the competencies and possibilities of all partners involved.

Reports from Collaborating Centres

WHO Collaborating Centre for Postgraduate Distance Education and Research in Nursing and Midwifery Development

Department of Advanced Nursing Sciences
University of South Africa (UNISA)

Directors: Marthie Bezuidenhout and Mary Moleki



Project: Nurse leadership in Angola

A Memorandum of Agreement was signed between the University of Agostinho Neto, Luanda, Angola and Unisa in 2000. The Department of Health Studies was requested to participate in the project as part of their WHOcc activities, namely to assist the member countries to develop curricula in health sciences. A situation analysis was undertaken and the need for nurse leadership in a war stricken country was identified. The South Africa Norway Tertiary Education Development Programme (SANTED II) funded the project for a period of three (3) years.

First establish a solid foundation, then build on it – this is the approach being followed in developing nursing leadership in Angola, with a view to improving health care in the country in the long term.

SANTED II, as the current phase of the project is known, is a logical extension of the first phase, SANTED I. In the first phase, 12 health practitioners in Angola were selected to register for Master's degrees in Health Studies through Unisa, in close collaboration with the University of Agostinho Neto in Angola. The thinking was that, after graduating, these health practitioners would be equipped to transfer their skills and knowledge to other practitioners in the Angolan health care system and also develop their own Master's Degrees at the Nursing Institute in Luanda.

Twelve health practitioners registered for the structured master's Degree in Health Studies at Unisa in 2002. Although the degrees were pursued mainly via distance delivery, there was also more contact tuition and supervision than is normally the case for Unisa courses. The reason was logistical and communication difficulties (an interpreter was used for all communication), including the need for translation of materials into Portuguese.

In October 2007, seven of the initial 12 students graduated with an MA in Health Studies, with an eighth student due to graduate with an Honours degree in Health Studies during 2008.

The postgraduate knowledge base established in this way, along with the strong relationships built between the two universities, made it feasible to initiate the second phase of the project, SANTED II. In this phase, the MA graduates would assist in the development of curricula for two Master's degrees in Nursing Science to be offered by the University of Agostinho Neto itself, ensuring the availability of high-quality postgraduates well into the future.

Phase II of the project is funded for 3 years (2007-2009) by SANTED.

As a starting point, a four-day workshop was held at Unisa in early October 2007. At the workshop, participants from Unisa and the University of Agostinho Neto (UAN) worked together on curriculum development and discussed the baseline information that would have to be gathered to assess the UAN's existing academic programmes and academic capacity, as well as its physical facilities, including classrooms, electronic media, library and clinical facilities. An information-gathering site visit to UAN's facilities in Luanda took place during 2008.

The curricula were developed by experts in Health Services Management, Advanced Midwifery and Neonatal Nursing Science of the Department of Health Studies, Unisa. Unisa licensed UAN to adapt the existing Unisa modules to UAN needs. UAN adapted and developed the teaching material and study guides for the theoretical and clinical modules, with Unisa assisting through moderation and peer review. Unisa also hosted workshops in all the theoretical and clinical fields e.g. research, Health Services Management and Advanced midwifery and Neonatal Nursing Science. These workshops were held with the lecturers, clinical practitioners and the students of UAN.

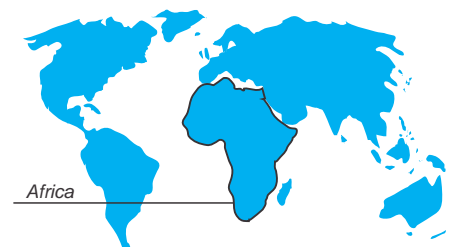
The Secretary of State for Higher Education in Angola accredited the two-year Master's programmes in September 2009. Fifteen (15) students will be selected for the first intake of the programmes in December 2009, which will be taught collaboratively by staff from UAN and Unisa. New students will be enrolled annually as an ongoing process. It is envisaged that the participants will transfer their knowledge and expertise to other staff members and students upon their return to their health care facility or institution.

AFRO Region

by

WHO Collaborating Centre for Educating Nurses and Midwives in Community Problem-solving

School of Nursing, University of Natal

Director: Busisiwe Bhengu

Activities of the AFRO Region 2009-2010

Introduction

The Afro Region has three Nursing WHOCCs, one at the University of KwaZulu-Natal (UKZN), second at the University of South Africa and the third at the University of Botswana. The foci of these universities are: Education of Nurses and Midwives in Community Problem Solving; Distance Learning and Home based model of Care respectively.

Activities in the Region

The three AFRO WHOCCs have meetings together at least once a year. In April 2010, in particular, the three WHOCCs met in Durban at UKZN on "Partners Meeting on Scaling up Nursing and Midwifery Education". The meeting brought together representatives of medical and nursing educational institutions, funding agencies, countries policy strategists, professional associations and implementers.

The aim of the meeting was to:

- Gather information about innovative educational solutions, ground-breaking educational methodology, regulatory frameworks, links to HRH planning,
- Gather information about promising academic partnerships in scaling up nursing education and discuss way to expand them
- Discuss the key areas of intervention to scale up nursing education and identify issues and challenges
- Develop a draft Regional Plan of Action towards the development of policy guidance to support countries in scaling up nursing education.

This was a very successful meeting which culminated in a well developed Nursing and Midwifery Scale up plan which was finalized shortly after the meeting.

In November 2009 two WHOCCs participated in an Evaluation Meeting: Infection Control Measures for Health Care of Patients with Acute Respiratory Diseases in the Community settings where WHOCCs in the South Asia Region had implemented projects in their communities using guidelines provided by WHO. In response to this, the UKZN now has a PhD student doing an Action Research Project on the development of guidelines for TB Infection Control and Prevention for Community Health Workers in one province.

During the ICN Conference in Durban June to July 2009, The UKZN WHOCC successfully hosted the Global Network meeting in its premises.

Again during the ICN meeting the UKZN WHOCC hosted two pre and post conference symposia, one on Ethics and the other on Establishing Collaboration towards strengthening results in Health Systems and Nursing. This meeting brought together representatives of academic institutions and regulatory bodies worldwide.

On the 12th of May 2010 the academics in the country participated in direct patient care for 100 minutes in honour of the International Nurses' Day. The UKZNI put together reflections from their experiences in this project for a paper.

The WHOCC in UKZN is continuing with driving the project of the Consortium of Higher Education in Nursing and Midwifery in Africa (CHENMA) with five universities in South Africa and Botswana introducing educational programmes in Africa. This consortium is now into the Francophone countries having successfully introduced such programmes in Eldoret and Barraton in Kenya, Dar es Salam in Tanzania, Kigali in Rwanda and Lubumbashi in Congo DRC.

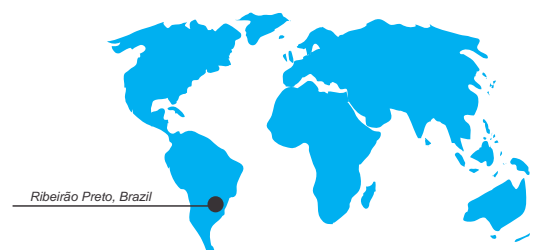
Various partnerships exist among the three WHOCCs in the region, for example, UKZN: Bremen Hochschule for Applied Sciences, Ravensburg-Weingarten Universities of Applied Sciences in Germany and Finland University University of Botswana: University of Pennsylvania and a consortium US and African universities University of South Africa (UNISA): Angola for Advanced Midwifery, Ethiopia for MPH for Nurses and Swaziland for Mentoring.

Numerous students from the African countries are registered for graduate studies in all three universities over and above the CHENMA Project. Most of the students are successful and on return home assume senior positions in Public and Private Health services, such as, Chief Executive Officers (CEO), Nursing Managers, Deans of Nursing, etc.

Conclusion

The AFRO Region is represented by UKZN in the Global Network Executive and the next representative is now going to be UNISA. The UKZN expresses its gratitude for the enriching experience with The Global Network of WHOCCs.

WHO Collaborating Centre for Nursing Research Development
 University of São Paulo at Ribeirão Preto College of Nursing
Director: Isabel Amélia Costa Mendes



Collaborating Centre Goals:

Human resource development
 Nursing Research development
 Knowledge dissemination

1st designation: 1988

Redesignations: 1993, 1997, 2002, 2006 and 2010.

Summary of activities:

The Centre activities have focused on strengthening nursing research, through actions to enhance Nursing capacity to develop research, disseminate knowledge and increase Nursing leadership in different settings and realities. In order to achieve these goals, the CC invested in several cooperation activities with WHO headquarter, WHO regional offices, the Global Network of WHO Collaborating Centres for Nursing and Midwifery Development, international organizations and associations (IACD-OAS, Sigma Theta Tau International and ALADEFE), the Brazilian Ministry of Health and other partners, such as Nursing Schools, health services and Nursing Journals Editors.

Examples of such activities are illustrated below:

- Two-month training program for 51 undergraduate students from Angola, in cooperation with WHO and AFRO. This initiative is expected to continue in the future. Full undergraduate training program for 4 African students;
- On-line Research Training Program in partnership with OAS/CICAD, to Latin-American, Caribbean and African nurses from Portuguese-speaking countries;
- Training of Mexican nurses at doctoral level (agreement with the University of Guanajuato and Mexican authorities);
- Publication of the Latin American Journal of Nursing (RLAE). Articles are published in Portuguese and English or Spanish; RLAE is indexed in ISI Web of Science;
- Publication of SMAD – Electronic Journal Mental Health, Alcohol and Drugs;
- Participation in the implantation of the Virtual Health Library – Nursing in collaboration with Bireme and coordination of the Portal of Nursing Journals REV@ENF;
- Participation in Latin American Nursing networks in different specialties and coordination of the Ibero-American Network of Scientific Editing in Nursing;
- The Center is hosting the Secretariat of the Global Network for WHO Collaborating Centers for Nursing and Midwifery Development, for the period of 2008 to 2012.

These activities were developed under the Primary Health Care Renewal framework and were fully designed in accordance with Nursing and Midwifery Strategic Directions, the Nursing and Midwifery Global Program of Work and the objectives of WHO/PAHO programs. Therefore, the Centre contributed to scale up competency based education/training programmes at local, national, regional and international level, supported the development and strengthening of nursing and midwifery associations, networks and organizations which focus on improving education, conditions of employment and practice as well as quality of care based on models of inclusive, transparent and accountable leadership with the goal to optimize the contribution of nursing and midwifery expertise.

In the future, the Center will build upon the work already developed, with the aim to achieve its terms of reference and support the development and strengthening of nursing and midwifery networks and organizations which focus on improving research, education, quality of care and evidence based data.

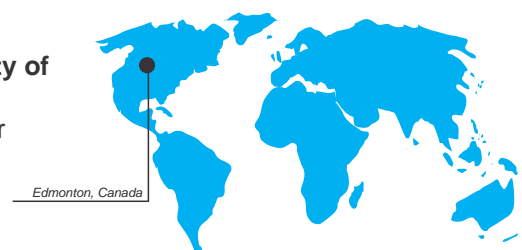


Students from Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Ecuador, El Salvador, Honduras, Mexico, Mozambique, Nicaragua, Peru, Venezuela, Online Research Training Program, year 2008

WHO Collaborating Centre for Nursing and Mental Health - Faculty of Nursing University of Alberta

Faculty of Nursing University of Alberta (UofA) Collaborating Centre for Nursing and Mental Health

Director: Judy Mill



The strengthening of leadership and the evidence base of health systems is a strategic objective of WHO/PAHO. As health human resources development is at the root of this aim, the need for nurses to receive sound undergraduate education from fully qualified faculty becomes paramount. This includes having faculty prepared at the master's and doctoral levels with an emphasis on research development. The benefit to WHO/PAHO programs is direct, as the ability of such nurses generates change in the quality and effectiveness of teaching, evidence-based practice delivery and health system design. Patient safety, well-being and positive outcomes are enhanced as guidelines and protocols for care and the organization of care, incorporate the fundamentals and as well as the changes required. Similarly, evidence-based mental health initiatives lead to enhanced patient care, care organization and improved outcomes, again strengthening the achievement of WHO/PAHO objectives.

Over the past five years, the activities of the *Faculty of Nursing University of Alberta Collaborating Centre for Nursing and Mental Health* have been dedicated to the advancement of the WHO/PAHO objectives in pursuing Health for All.

Collaborating Centre activities include:

1. Collaboration with faculties/schools of nursing in the AMRO region as well as in AFRO, SEARO i.e. with Brazil, Ghana and Thailand, in building research capacity through short-term (6 months to 1 year) concentrated study programs. To date, visiting students include:

Brazil - 12 Post doctoral scholars; 6 doctoral students

Thailand - 15 doctoral students, 11 of whom subsequently received their PhD in Thailand

Ghana - Over 50 masters students, 22 of whom have received their M. Phil (Nursing) from the University of Ghana

2. Hosting of an International Symposium on Global Mental Health Ethics to promote and support ethical mental health care (Dr. Wendy Austin, Professor and Canada Research Chair in Relational Ethics); subsequent five-country mental health project on families with schizophrenia.

3. Initiation of projects with Brazilian colleagues on enhancing patient safety and well-being through research on medication safety and on patient safety in surgical programs (Dr. Tricia Marck, Dr. Alex Clark).

4. Development of an interactive educational intervention in Spanish and English to promote the personal safety of nursing students in Chile, Colombia and Peru (Dr. Lynn Skillen).

5. Laying groundwork for collaborative research programs on women's mental health with Brazilian colleagues (Dr. Kathy Hegadoren, Professor and Canada Research Chair in Stress Related Disorders in Women).

6. Support for CC development in PAHO region as C.C. Director (Dr. Judy Mill) served 3 years as Chair of Pan American Network for Nursing and Midwifery Collaborating Centres (PANMCC); several faculty actively participated in Pan American Nursing Research Colloquia and all Global Network meetings including meetings of the International Network of Mental Health Nurses; Co-sponsored the June 2008 Bangkok Conference on 'Healthy People in a Healthy World' following the Global Network of Collaborating Centres' meeting.

7. Exploration of potential for collaborative faculty/student exchanges and research collaboration with C.C. at Faculty of Nursing at Yonsei University, Korea, during visit of UofA Dean, Director of CC and a faculty member to Yonsei. Exchange visit to/from Hong Kong Polytechnic School of Nursing to explore collaborative opportunities.

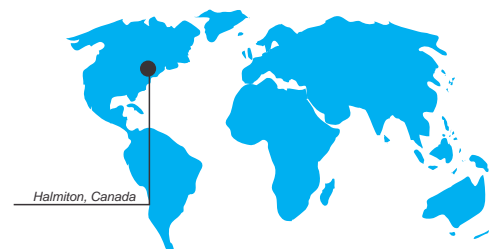
8. Memoranda of Understanding with eight Schools of Nursing (Brazil 3; Thailand 3; USA; China).

9. Enhanced understanding of global citizenship fostered through a) interdisciplinary educational experience in Ghana for 3rd year students, b) nursing practicum experience in Ghana for 4th year students, c) new undergraduate course developed, "Perspectives on Global Citizenship in Nursing".

WHO Collaborating Centre in Primary Care Nursing and Health Human Resources

School of Nursing, Faculty of Health Sciences McMaster University

Director: Andrea Baumann



Strengthening Primary Health Care through Primary Care and Public Health Collaboration

Ruta Valaitis, Primary Investigator (McMaster University, Canada) Nelligan, P. & McCarthy, J. (Co-Decision-Making Leads) MacDonald, M., Martin-Misener, R., Meagher-Stewart, D., O'Mara, L., Wong, S., Akhtar-Danesh, N., Baumann, A., Beatty, G., Blatherwick, J., Burge, F., DiCenso, A., Dobbins, M., Ehrlich, A., English, P., Gould, L., Harris, S., Kaczorowski, J., Lee, J., Munroe, V., McDonald, J., Troy, C., Woodman, M., Young, L. [Funded by the Canadian Health Services Research Foundation (Grant RC2-1604) with support from the Health Services & Policy Research Support Network and the Michael Smith Foundation for Health Research]

This program of research focuses on building collaborative relationships between public health nurses, family practice nurses and nurse practitioners, who are in a strong position to act as leaders in building collaboration between primary care and public health to meet local community needs. The goals of this program of research are to (i) identify the structures and processes that result in successful models of collaboration between public health and primary care (at interactional, organizational and systemic levels), (ii) define the roles community health nurses play in building local collaborations between primary care and public health and factors that influence this capacity, (iii) actively engage in knowledge transfer activities by conducting research in collaboration with multiple decision-makers in primary care and public health, and (iv) build research capacity through direct involvement of partner institutions. For more information please check our web site www.strengthenphc.mcmaster.ca/.

Strengthening the Quality of Community Health Nursing Practice: A Pan-Canadian Survey of Community Health Nurses' Continuing Education Needs

Schofield, R., Valaitis, R (Co-Principle Investigators- McMaster University), Akhtar-Danesh, N., Baumann, A., Martin-Misener, R., Underwood, J. (Funded by the Community Health Nurses Association of Canada)

The Canadian Community Health Nursing Standards of Practice (CCHN Standards) were released in 2003 and updated in 2008 by the Community Health Nurses Association of Canada (CHNAC). However, there has been no research to explore the capacity of nurses to meet these standards, with the exception of the Phase 1 work that was completed by this research team in 2008 (Schofield et al, 2008). In addition, there has been an identified need to strengthen capacity of the community health workforce in Canada (PHAC, 2005). To support this aim, it is necessary to understand community health nurses' (CHNs) education needs to inform the development of professional development programs to assist nurses in meeting the CCHN Standards. The purpose of this second phase of the study was to identify current practice activities of CHNs across all Canadian Provinces and Territories and to measure their continuing education needs in relation to the CCHN Standards.

The research questions for this Phase II of the study were as follows:

- 1) What are the practice activities of CHNs in Canada in relation to the CCHN Standards?
- 2) What are the learning needs of CHNs in Canada in relation to the CCHN Standards?
- 3) What differences are there in CHNs practice activities and learning needs by province and territory in Canada?
- 4) What differences are there in CHN practice activities and learning needs by place of work (home health, public health and other community health settings)?

The following main topics were identified as learning needs for CHNs including:

Standard 1a: Health Promotion

- Applying the theoretical concepts of the Population Health Promotion Model, and the Ottawa Charter of Health Promotion.
- Using research findings.
- Using social marketing strategies to shift social norms.
- Addressing the root causes of illness and disease.
- Evaluating population health promotion programs systematically.

Standard 1b: Prevention and Health Protection

- Utilizing harm reduction principles to reduce risk factors.
- Engaging in collaborative intersectoral partnerships to address prevention issues.
- Evaluating collaborative practice in achieving individual/community health outcomes.
- Applying epidemiological principles.

Standard 1c: Health Maintenance, Restoration and Palliation

- Facilitating maintenance of health in response to emergencies that negatively impact upon client health.
- Recognizing trends in epidemiological data.

Standard 2: Building Individual and Community Capacity

- Using community development principles and principles of social justice.
- Using a comprehensive mix of community/population based strategies to address issues of concern to groups/populations.
- Applying the theoretical concepts of the Jakarta Declaration.

Standard 3: Building Relationships

- Being aware of culturally relevant communication.

Standard 4: Facilitating Access and Equity

- Providing culturally relevant care.
- Taking action to address service accessibility issues at the federal level.
- Advocating for healthy public policy by participating in legislative and policymaking activities.

Standard 5: Demonstrating Professional Responsibility and Accountability

- Using available resources to systematically evaluate community health nursing practice.
- Using nursing informatics to support practice.

Of the learning needs identified above, CHNs reported performing the activities related to these learning needs sometimes or frequently. Exceptions were the following activities, which CHNs reported as rarely being performed.

- Using social marketing strategies to shift social norms.
- Systematically evaluating population health promotion programs in partnership with stakeholders.
- Facilitating action in support of the 5 priorities of the Jakarta Declaration.
- Taking action to address service accessibility issues at a federal level.
- Advocating for healthy public policy.

CHNs sometimes implemented the concepts of the Population Health Promotion Model, and the Ottawa Charter of Health Promotion, although the majority of respondents stated that these activities were not applicable, they were unsure or they did not respond.

The results of this survey informs the Public Health Agency of Canada (PHAC), the Community Health Nurses Association of Canada, community health nursing employers, and others who are involved in continuing education program development in order to build capacity in the community health nursing workforce in Canada.

WHO Collaborating Centre for Advanced Practice Nursing
 School of Nursing Columbia University
Director: Jennifer Smith



WHO Center Activities

Columbia University School of Nursing (CUSON), through its WHO Collaborating Center for the International Nursing Development of Advanced Practice, became involved in the relief efforts in Haiti after the devastating earthquake this January. The School teamed with the International Medical Corps, who helped coordinate our efforts to supply nurses and nurse practitioners from our faculty and alumni. To date, 22 CUSON alumni and faculty have gone to Haiti. Since February, there has been at least one CUSON nurse representative in Port au Prince, working in the main hospital compound and in the countryside for 14-18 day commitments.

Even as the immediate emergency response to send clinicians to Haiti winds down – the need for continued assistance is overwhelming. The main school of nursing in Haiti was destroyed and the entire second year class was killed. Columbia University School of Nursing is committed to helping rebuild this school – not with bricks and mortar, but with our expertise in clinical education.

As part of its mission, the CUSON WHO Collaborating Center is committed to providing leadership and leveraging existing strengths within the School of Nursing in order to facilitate knowledge sharing among students and faculty of our international partners. Working with the Port au Prince School of Nursing (ENIP), the Haitian Ministry of Health (MSPP), other leading Haitian schools of nursing and several NGOs, we are working on a long term solution to educating students and increasing nurse capacity. We will measure our success in this case by the numbers of students who graduate from ENIP (our first objective is to reconvene faculty and students to finish the final semester for 80-100 senior nursing students and graduate them), the institution of the clinical rotation model in rural areas and adaption of nursing ward chiefs for clinical instruction.

We hope to learn new methods of adapting our educational system to best serve not only the nursing system in Haiti by adding to the needed nursing workforce, but ultimately the care of all Haitian patients and their families.

Photos: Columbia University School of Nursing Project in Haiti



**WHO Collaborating Centre for Nursing Human Resources
Development and Patient Safety**
School of Nursing and Health Studies University of Miami
Director: Nilda Peragallo



Activities and Accomplishments, 2008-2010

It has been just over a year since the University of Miami School of Nursing and Health Studies (UM SONHS) was designated a PAHO/WHO Collaborating Center for Nursing Human Resources Development and Patient Safety. During that short time, UM SONHS faculty and students already have made important accomplishments through strong nursing leadership and active international collaboration. All the activities of the UM SONHS Collaborating Center are designed to meet the core objectives of improving patient safety and developing nursing human resources on an international scale.

Activities and Accomplishments include:

• Patient Safety Conference

Nurse leaders from throughout the Americas came together for the PAHO Patient Safety Network in March, 2009. Representatives from Argentina, Brazil, Chile, Ecuador, Haiti, and Mexico exchanged ideas and methods for improving patient safety at both individual and collective levels. Following the success of the 2009 meeting, the PAHO Patient Safety Network will reconvene in Miami this October.

• International Faculty Visits

In the spirit of scholarly interchange, UM SONHS has hosted international faculty from Universidad Tecnológica San Antonio de Machala (Ecuador), Universidade de São Paulo, Ribeirão Preto (Brazil), and Universidad Autónoma de Tamaulipas (Mexico). UM SONHS Faculty and staff worked with visiting faculty on the integration of clinical simulation scenarios into the academic curriculum.

• International Student Exchanges

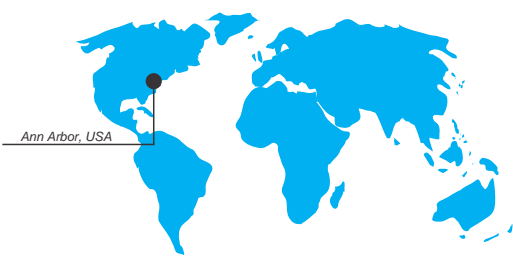
University of Miami students participated in "minimesters" in Chile (Pontificia Universidad Católica de Chile, Universidad Andres Bello), Haiti (Project Medishare in Thomonde), Mexico (Universidad Autónoma de Tamaulipas), and Spain (Universidad Autónoma de Barcelona), providing them with an invaluable global perspective on healthcare delivery.

As part of the student exchange, UM SONHS received visiting students from Chile (Pontificia Universidad Católica de Chile) and Mexico (Universidad Autónoma de Tamaulipas). Visiting students attended clinical rotations at local hospitals and participated in simulation sessions at the UM SONHS International Academy for Clinical Simulation and Research. Additional visiting students from Chile, Spain, Mexico, and South Africa will have similar experiences in the coming year.

• International Collaboration for NIH Proposal Submission

Inter-university collaborations lead to research opportunities that would not be possible otherwise, and enhance the research capabilities of the participating institutions. In conjunction with Universidad Autónoma de Tamaulipas (Mexico), UM SONHS submitted an R21 NIH grant proposal to study drug abuse and HIV risk behaviors among truckers crossing the US-Mexico Border. Universidad Andres Bello (Chile) came on board as a third collaborator for a recent R01 NIH grant proposal for the adaptation of a drug abuse and sexual risk reduction intervention to sex workers in Mexico and Chile.

WHO Collaborating Centre for Research and Clinical Training in Health Promotion Nursing
University of Michigan, School of Nursing
Director: Antonia M. Villarruel



Dr. Jody Lori, CNM, Clinical Assistant Professor
Overview of active projects in the African and Latin American Regions to improve maternal health

Dr. Lori has field work experience in Ghana, Guatemala, Ethiopia, Liberia, Mexico and Zambia. She recently completed a 3 year, USAID-funded project in post-war Liberia, West Africa to increase access to basic obstetric life saving measures within the home and community. She also recently took part in an international, multi-center, NIH-funded randomized controlled trial of Emergency Obstetric and Newborn Care in six developing countries including Guatemala. Her program of research focuses on community-based interventions and human resources for health to address the high rates of maternal and neonatal mortality in low resource countries. Jody is currently working in collaboration with the American College of Nurse-Midwives (ACNM) with funding from a private donor on a major multi-year project addressing midwifery pre-service education and faculty retention in Ghana. She is also part of the Ghana-Michigan Collaborative Health Alliance for Reshaping Training, Education & Research (CHARTER) working to design an evidence-based roadmap for academic-government collaborative interventions that will strengthen the training and deployment of human resources for health in Ghana. She has worked to develop academic programs with a global focus for both undergraduate and graduate nursing students.



Dr. Lisa Kane Low, Assistant Professor
Overview of active projects in the Latin American Region to improve maternal health

Since 2003, members of the University of Michigan School of Nursing WHO Collaborating Site and the Ministry of Public Health (Department of Yoro) in Honduras have been working together to reduce the risk of post partum hemorrhage for childbearing women giving birth at the Clinica Materno-Infantil (CMI) in Morazán. Together we initiated a prospective trial of the use of Active Management of Third Stage Labor (AMTSL) for all women giving birth at the CMI Birth Center under the care of Auxiliary Nurses. After an initial assessment of the rate of post partum hemorrhage which was 15%, a training was conducted with all of the staff to learn how to estimate blood loss as well as implement the steps of AMTSL. After this training, the rate of PPH was reduced to 6% in less than three years. The project then expanded to include five more CMIs throughout the Department of Yoro. With the support of the Ministry of Health which made oxytocin readily available to all CMIs, the rate of PPH was reduced at each of the sites and at the initial site in Morazán, the PPH rate was further decreased to less than 3%. Further initiatives between the groups will focus on the use of evidence based care measures during labor and training in neonatal resuscitation using a train the trainer approach.



Dr. Antonia Villarruel, Professor HIV Prevention for Mexican Youth

The broad objective of this project is to test the efficacy of a theory-based HIV risk-reduction intervention, which includes both an adolescent component and parental component, designed to reduce the adolescents' risk of sexually transmitted HIV. The communities chosen represent low income families in Mexico.

The outcome is an evidence-based curriculum that can be used in practice settings; once implemented, it can transform the health of communities, families, and youth.

Jointly funded by the National Institute for Nursing Research; CDC (U.S.), and CENSIDA, CONACYT (Mexico).

Dissemination of results and impact: Several articles (6) have already been published in US and Latin American journals. Several other articles are being planned. Further, we have presented at relevant scientific meetings, including the CDC Annual HIV/STD meeting in Atlanta. Our collaborators at the UANL have received a grant from CENSIDA to facilitate the dissemination and implementation of this evidenced based program community settings and also funding from CONACYT to replicate the intervention with higher risk adolescent and families. The disseminate project has been completed and is now being used in clinics in Mexico and the U.S. that provide care and counseling to adolescents.



Ms. Sue Anne Bell, Clinical Instructor Student training in international settings

Undergraduate students traveled to Ghana with the purpose of learning about the country's health care and educational systems, and to conduct various local projects of interest to the residents. They were funded by the University of Michigan and received supervision from faculty member Ms. Sue Anne Bell.



WHO Collaborating Centre in Gerontological Nursing Education
Division of Nursing
 School of Education, New York University
Director: Madeline Naegle



On June 7th we held a symposium to celebrate Five Years as the NYU College of Nursing WHO Collaborating Center in Geriatric Nursing Education (designated 2004; re-designated 2008).
 Representatives of 5 of our Latin American partners were present.

The Mission of the Collaborating Center is to act within NYUCN as part of an inter-institutional collaborative network in support of WHO programs, such as the MDGs (Millennium Development Goals). Our CC supports the WHO agenda as implemented by the Pan American Health Organization (PAHO) in the regions of the Americas, in particular, the Plan for Healthy Aging (PAHO 2009).

We seek to promote collaborative organizational and institutional networks focused on health and aging in the PAHO region and linked to PAHO goals and to that end we are currently working with 7 nursing education and research organizations in Mexico, Chile, Argentina, and Colombia. In addition, the Center is linked with a network of medical schools and institutes, (Argentina, Mexico, Brazil) schools of public health (Brazil) organizations and health ministries (Argentina, Chile, Colombia) as well as other collaborating centers (Brazil, U Alberta, Case Western U., University of the West Indies) focused on aspects of geriatric care, geriatric nursing and gerontology.

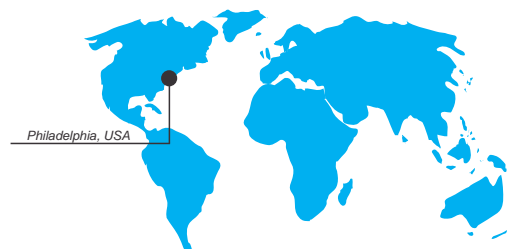
We hope to improve the capacity and resources of nursing and other health care providers to deliver evidence- based nursing care to older adults in Latin America, by developing, validating and publishing evidence- based protocols and tools for primary care, prevention and health promotion and mental health/ psycho-geriatric care of older persons and their families. Faculty has published eight on line and paper documents. Web based translations number four. An example of continuing education offerings is the conference held at CIESS, Mexico City, Mexico in February 2010, The Nurse Leader in Care of the Older Adult. Since 2004, faculty members have provided research and educational consultation to representatives of 40 Colleges of Nursing in Mexico, Chile, Argentina, Colombia, and Brazil.

In addition, our work provides consultation and promotes collaborative opportunities to increase the capacity to design, and implement research, and deliver evidence-based health care to older adults in Latin America. Nine NYU faculty are currently engaged in research consultation or research projects in Central and South America. The most recent research skills building workshop was given by Professor Christine Kovner at the School of Nursing, Federal University of Minas Gerais, Belo Horizonte, Brazil in May 2010.

Faculty are currently working with three Latin American University based schools of nursing in the development of masters degree programs in care of the older adult. In addition, a masters' degree and one undergraduate course were offered through NYU in Buenos Aires, collaborating with Universidad de Austral in winter intersession, Dec/Jan 2009-10.

WHO Collaborating Centre for Nursing and Midwifery Leadership

University of Pennsylvania School of Nursing

Directors: Afaf I. Meleis and Marjorie Muecke**Linda H Aiken, PhD, FAAN, FRCN, RN****Director, Center for Health Outcomes and Policy Research
Professor in Nursing, University of Pennsylvania School of Nursing**

Linda Aiken, PhD, RN co-directs the RN4CAST study in which researchers from 12 European countries have undertaken the largest ever nursing workforce study in Europe. Funded by the European Commission's Seventh Framework Programme, RN4CAST builds on previous research by Dr. Aiken showing that deployment of nursing staff greatly influences the quality of patient care. RN4CAST seeks to understand and generate new approaches to effective management of nursing resources – ensuring higher quality nursing care for patients throughout Europe. The study comprises a consortium of research teams from Belgium, Finland, Germany, Greece, Ireland, the Netherlands, Norway, Poland, Spain, Sweden, Switzerland, and the UK. Researchers in each of these countries have begun data collection from tens of thousands of nurses and patients. Nurses have been surveyed about staffing, the work environment, and patient care in their hospital. Patient discharge data has been gathered and patients have been surveyed as to satisfaction with their care. Later in 2010, study teams will begin to assemble and analyze data within each country. Cross-national data analysis will begin in 2011. These analyses will lead to further understanding about how elements including nurse qualifications, demographics, workload, well-being and practice environment can effect productivity, patient safety and patient outcomes. For more information see www.RN4CAST.eu/.

Linda Aiken, PhD, RN is collaborating with the China Nursing Network, a consortium of 8 universities in China, to conduct the first national nursing workforce study ever conducted in China. It uses a research protocol developed by Dr. Aiken's team, tested in the US and 8 other countries, and currently in the field in 12 European countries. The China Nursing Network has completed data collection and has nurse, patient, and hospital information on over 9,000 nurses and 5,400 hospitalized patients from 180 hospitals in 9 Chinese provinces. In the Spring of 2010, Dr. Aiken and two other faculty from the Center for Health Outcomes and Policy Research conducted a workshop for Chinese researchers at Fudan University in Shanghai, China. Six Penn Nursing students also attended the workshop and worked in teams with their Chinese colleagues to analyze the data and begin to prepare findings for publication; this collaboration is ongoing.

Linda Aiken, PhD, RN is collaborating with Penn Nursing Alum Dr. Eunhee Cho at Yonsei University in South Korea. A study of nursing outcomes in South Korean hospitals has been conducted and data

analysis and dissemination work is ongoing. A nationally stratified sample of 65 hospitals was drawn representing all types of hospitals and geographic areas of South Korea. Nurses in each hospital participated in a comprehensive survey about their qualifications, work loads, features of the nurse work environment, quality of care, and frequency of adverse patient outcomes. This is the first policy-relevant study of nursing in South Korea.

**Charlene W. Compher, PhD, RD, FADA, CNSC, LDN
Associate Professor of Nutrition Science
University of Pennsylvania School of Nursing****Adolescent Obesity in Botswana**

In October, 2007 at the request of faculty members from the University of Botswana to the Provost of the University of Pennsylvania, a Botswana-UPENN research team was formed to examine the extent and correlates of obesity among adolescents in Botswana. On the University of Pennsylvania side, Dr. Charlene Compher, is Principal Investigator. On the University of Botswana side, Segametsi Maruapula, PhD (Lecturer, Public Health Nutrition) is the local PI. Other research team members from Penn are Nicolas Stettler, MD, MCE (Assist Prof Epidemiology, School of Medicine), Sarah Ratcliffe, PhD (Assist Prof Biostatistics, School of Medicine), Brian Wrotniak, PhD (Adjunct Scholar, School of Medicine), and Joanna Holsten, PhD (recent graduate, School of Nursing). Other team members from the University of Botswana are Jose Jackson, PhD (Food Scientist and Assistant Director of Research), Leapetswe Maletse, PhD (Exercise Psychologist and Director of International Relations), George Mokone, PhD (Lecturer in Exercise Physiology, School of Medicine), and Sheila Shaibu, PhD (Senior Lecturer, School of Nursing). The project was funded jointly by the University of Botswana and the University of Pennsylvania Research Foundations. In addition, a grant from Children's Hospital of Philadelphia permitted the addition of formative data to facilitate the development of intervention components.

After securing regulatory approval from the Penn IRB and the Botswana Ministry of Education, a representative survey of 704 adolescents from 17 secondary schools in Botswana was undertaken during 2008-2009. Measured height and weight were used to calculate body mass index for evaluation against World Health Organization standards. The prevalence of overweight was 11% and obesity was 7%, with 4 overweight or obese adolescents for every thin one. In cities, the prevalence was even higher at 16.5% and 19.6%. By contrast, in rural villages the prevalence of thinness was 5.5%, overweight 4.7% and no adolescent school children were obese. Students with higher socioeconomic status had higher prevalence of overweight and obesity. Sugar-

-sweetened beverages and savory snack foods are reported more commonly in overweight/obese children, and they obtain these foods most commonly from tuck shops at the schools. Their intake of fruits and vegetables is limited, and vegetables in particular are not favored by children. Adolescents in Botswana prefer a medium-sized body image, as thin people are suspected to be ill or HIV-infected and very large ones have more health problems.

These prevalence patterns are consistent with the nutrition transition in Botswana that is moving from the most developed areas (cities), through urban towns and villages and eventually to rural areas. As the government in Botswana is committed to become an upper income country by 2016, and also to support the health of its citizens, this adolescent obesity issue is very timely. The costs of health care can be controlled with a rational but successful approach to obesity prevention. However, further economic development will undoubtedly lead to expansion of the problem of childhood obesity in the country.

The research group is writing applications for grant support with aims to reduce intake of high energy foods and increase physical activity in order to prevent further increases of overweight and obesity in Gaborone, as a first step. In future years, a successful intervention in Gaborone will be expanded to less urban areas. Based on the current data, the food environment should be changed by substitution of healthy but tasty foods in the tuck shops in a cost-effective, sustainable manner; children, parents, and tuck shop owners would benefit from education about the health benefits of foods; and students should receive rewards for healthy food selections. The physical activity environment should be enhanced, to include the availability of after school activities that are elective and fun, and children, parents, physical education teachers, and school administrators need education on the health benefits of physical activity. General messages about healthy body size may also facilitate student participation and parental support of the project overall.

Mark Ersek PhD, RN, FAAN

**Associate Director, Center for Integrative Science in Aging
Associate Professor, University of Pennsylvania School of Nursing**

**University of Botswana - University of Pennsylvania
Palliative Care Partnership.**

Dr. Ersek coordinated a collaboration between the University of Botswana School of Nursing faculty and University of Pennsylvania to design, implement and evaluate an interdisciplinary, comprehensive palliative care curriculum. Activities included a 5-day on-site planning meeting that incorporated field visits to community and tertiary palliative care settings in the greater Gaborone, Botswana area (February 9-13, 2009), design and preparation of the curriculum (February-June 2009) and implementation of the conference at the University of Botswana (June 8-12, 2009). Project funded by the University of Pennsylvania Health Care System and School of Nursing, and the University of Botswana.

Victoria L. Rich, PhD, RN, FAAN

Chief Nurse Executive, Hospital of the University of Pennsylvania

Associate Professor of Nursing Administration, University of Pennsylvania School of Nursing

The Hospital of the University of Pennsylvania Women's Health Nursing Department is committed to Penn Medicine's core values of clinical excellence and patient focused care. Through a transformational leadership approach, HUP Women's Health clinical nurses extend this commitment beyond the confines of hospital walls, out to the community of West Philadelphia, which we serve through a variety of community outreach activities.

- Participation and Organization of Health Fairs.
 - Hosting Domestic Violence Awareness workshops.
 - Bi-monthly health educational presentations at a Jane Addams local Women's and Children's shelter: Topics identified collaboratively by the residents/nursing staff, that include, but are not limited to: influenza awareness, nutrition, blood pressure screenings, obesity, breast cancer awareness/screening, self-esteem promotion, diabetes, stress management, sexually transmitted infections, and birth control.
 - Co-Hosting of the Annual Philadelphia Community Baby Shower.
 - Year Round Clothing Drives for families in need.
 - Participation in Susan B. Komen 'Walk for the Cure', March of Dimes 'March for Babies' Walk, and the 'Walk for the Whisper'-Ovarian Cancer Walk.
 - \$24,000.00 Fundraising for 'Cribs for Kids' city program for Sudden Infant Death syndrome (SIDS) through the Maternity Care Coalition: Funding to provide new cribs and safe sleep education for West Philadelphia babies/families delivered at HUP. Subsequent research collaboration will evaluate outcomes.
- The tradition of CARE is exemplified through Nursing's collaborative partnerships with each other, community organizations, and community membership in order to accomplish all of these activities.

Eileen Sullivan-Marx, PhD, CRNP, FAAN, RN

**Associate Dean, Practice and Community Affairs
Associate Professor, University of Pennsylvania School of Nursing**

Penn Nursing partners with Indian non-profit organizations to develop nursing models in rural India.

As part of Penn Nursing's current partnership with IKP Center for Technologies in Public Health (ICTPH), a non-profit research organization in India that aims to develop models of nursing care to address health problems in rural parts of the country, the two

organizations recently hosted an invitational conference focused on how to develop nursing, NP, and primary care practice in rural India to improve outcomes.

The conference concluded with the following consensus statement:

"The time is now for India to fully develop opportunities for nurses, doctors to advance their abilities to provide care in rural settings. This can be attained by additional training and career opportunities for promotions for nurses and doctors who are supported by technicians and managers. This encompasses the need for the formulation of an alternative health workforce for rural and underserved urban India."

The development of APNs and NPs would provide much-needed care in a country that has never relied heavily on the nursing model. Penn Nursing hold a year-long partnership with ICTPH to explore utilizing advanced practice nurses to deliver healthcare in remote rural populations.

"To improve public and maternal health, nurses must have the opportunity to practice to their full capacity and advance their skills through expanded education and training as nurse practitioners who work with community health workers and the full health care team," said Penn Nursing Professor and Associate Dean for Practice and Community Affairs Eileen Sullivan-Marx. Dr. Sullivan-Marx is an international NP leader with ICTPH and delivered the keynote address, "Nurse Practitioners: The International Experience."

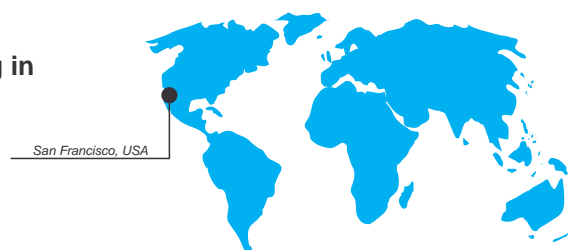
Dr. Zeena Johar, President of ICTPH, added, "With 75% of Indian medical practitioners positioned at urban location and 72% of the Indian population residing in rural locations highlights the overarching need for human resource innovation for delivering health."

Entitled, "Alternative Human Resources for Health in India: Innovative Models for Improving Primary Healthcare," the conference was held in India on August 21-22 and attended by the regional CDC officer and other notable dignitaries.

WHO Collaborating Center for Research and Clinical Training in Nursing

University of California at San Francisco School of Nursing

Director: Sally H. Rankin



The UCSF WHO Collaborating Center has been very active over the past few years. Faculty members from the center have particularly been working in the areas of mentoring/training and research.

In recent years, faculty members from UCSF have been invited by universities around the world to share their expertise in clinical areas, as well as information about graduate level training. UCSF has provided assistance to universities in Botswana, China, Colombia, Ecuador, Japan, Mexico, Portugal, Puerto Rico, and Tanzania, among others. Areas of mentoring and training have included nursing education, nursing research, nursing administration, midwifery, and specific clinical areas such as HIV/AIDS. UCSF values these rich opportunities for transfer of knowledge and skills, as well as two-way exchange of ideas and innovation. In addition, the WHO Collaborating Center, through funding from the U.S. government, has supported 10 predoctoral students and two postdoctoral fellows each year for in-depth study in the area of HIV/AIDS and tobacco control.

In 2006, UCSF and the Muhimbili University of Health and Allied Sciences (MUHAS) established a Twinning Center, funded by the American International Health Alliance and the U.S. government. The goal of the Twinning Center is to build HIV/AIDS nursing training capacity in 59 schools of nursing across Tanzania. To date, over 400 nurse tutors have been trained in the new HIV/AIDS curriculum, and the Twinning Center is working with the government to integrate HIV/AIDS information into certificate, diploma and bachelor's nursing education.

The UCSF WHO Collaborating Center has also been working closely with the UCSF School of Medicine; Johns Hopkins University, Baltimore, USA; Makerere University, Kampala, Uganda; Muhimbili University of Health and Allied Sciences, Dar-es-Salaam, Tanzania; University of Botswana, Gaborone, Botswana; University of Nairobi, Nairobi, Kenya; University of Pennsylvania, Philadelphia, USA; and the University of Washington, USA. These universities are working together to establish four twinning centers that would focus on medical and nursing education in Africa. Currently, the team of universities is working conjointly to train a small group of young professionals selected as potential future global health leaders. Training will focus on development of research and management skills.

As part of the WHO Collaborating Center, UCSF also houses the UCSF International Nursing Network for HIV/AIDS Research. In the past five years, the Network completed its fourth international multi-site study, a randomized controlled trial titled "Efficacy of the HIV/AIDS Symptom Management Manual." Results from this study have been published in peer-reviewed journals, and also presented at the International AIDS Conferences in Mexico, and in Vienna next

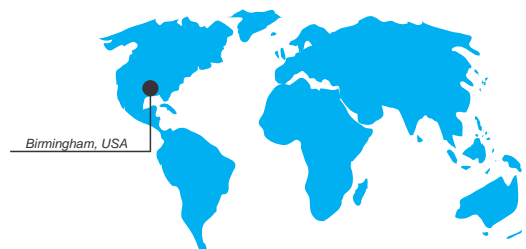
month. In addition, the Network is in the process of data collection for its fifth collaborative study, "Exploring the Role of Self-compassion, Self-efficacy and Self-esteem for HIV-positive Individuals Managing Their HIV". These collaborative studies are an opportunity not only to increase knowledge in the area of HIV/AIDS care, they also allow for international mentoring of principal investigators, and well as research training for students at each site.

UCSF has also been involved in a number of international research projects. In the past few years, two major projects have been completed. Dr. Sally Rankin led the study "Malawi Christians and Muslims: HIV Prevention and AIDS Care," supported by the US government. The purpose of the study was to determine the influence of religious organizations on HIV prevention and AIDS care. Over 700 people participated in the study. In 2009, a research dissemination conference was held with 108 male and female Christian and Muslim religious leaders in two cities in central Malawi. In 2009, Dr. William Holzemer completed a study titled, "Perceived AIDS Stigma: A Multinational African Study," also funded by the US government. The purpose of the study was to develop and understanding of HIV/AIDS-related stigma in Lesotho, Malawi, South Africa, Swaziland and Tanzania. The research team developed two culturally-appropriate measures for HIV/AIDS stigma (one for people living with the disease and one for nurses), developed a conceptual model of HIV/AIDS stigma, and conducted a longitudinal study measuring stigma and stigma changes over time. Fifteen articles were published in peer-review journals, and results were presented at ICN and the International AIDS Conference.

The UCSF WHO Collaborating Center has also been working in the area of tobacco control. Dr. Ruth Malone has collaborated with the WHO Tobacco Free Initiative on activities related to the Framework Convention on Tobacco Control (FCTC), a global tobacco control treaty. WHO's Tobacco Free Initiative (TFI) has convened an expert panel on tobacco industry activities and is preparing a report based on their findings to inform treaty deliberations and implementation, and Dr Malone serves on the expert panel.

Finally, the UCSF WHO Collaborating Center sees the importance of celebrating the international community of nurses and midwives. On June 30, 2009, the University of California Schools of Nursing and the Global Network of WHO Collaborating Centres in Nursing and Midwifery Development hosted a party for many of the participants of the International Council of Nurses conference in Durban, South Africa. The event took place at moyo's restaurant on the beach, and included dinner, music and even dancing! Participants included directors of WHO Collaborating Centres around the world, as well as faculty, students, alumni and friends of the four University of California Schools of Nursing.

WHO Collaborating Centre for International Nursing
School of Nursing University of Alabama at Birmingham
Director: Doreen C. Harper



Honduras Initiatives

Three UAB faculty members have completed a research project in partnership with nursing faculty at the Universidad Nacional Autónoma de Honduras (UNAH) to implement and evaluate a 7-week parent-adolescent educational program called Familias Fuertes (FF). The English version of this program (Strengthening Families) was described in a Cochrane Database review as one of the most effective programs to prevent teen drug abuse. PAHO has translated the program to Spanish but to date there have been limited studies evaluating the Spanish version of the program in Latin America. We used an experimental design to evaluate the program with 20 families in a low-income area in Tegucigalpa and found that compared to control group families, experimental group parents showed greater changes in positive parenting behaviors after the program. A manuscript describing the results has been submitted for publication.

Partnerships with the Central America Medical Outreach (CAMO) program in Santa Rosa de Copan in Western Honduras. CAMO offers a variety of programs to address health care needs throughout Honduras but with a focus on the impoverished and primarily rural western highlands region. Programs include capacity-building of health workers, providing equipment and infrastructure support for health facilities, supporting US-based health brigades, and developing an integrated program to address the serious problem of family violence in the region. Four UAB Nursing faculty members offer study abroad courses in Santa Rosa in which students implement service learning projects. Our school is also working in other ways to support their work with CAMO to strengthen collaboration between the nurses in the hospital, health department, and auxiliary nursing school in Santa Rosa and UAB. Four nurses from Santa Rosa participated in our January 2008 International Nursing Leadership program and have developed a collaborative project with three UAB nursing faculty to develop a family violence risk assessment tool.

Partnerships with the Universidad Nacional Autónoma de Honduras (UNAH) to advise on development of a distance-based MSN program, and seeking support to strengthen the three BSN programs in the UNAH system (in Tegucigalpa, San Pedro Sula, and la Ceiba).

Zambia Initiatives

We have worked closely with numerous partners in the U.S. and in Zambia to develop and implement an HIV Nurse Practitioner Diploma program in Zambia. These partners included the General Nursing Council of Zambia, the Zambia Ministry of Health, and partners from a variety of other governmental and non-governmental organizations including the Center for Infectious Disease Research in Zambia (CIDRZ), the University of Maryland-affiliated AIDS Relief organization, Family Health International, the Zambia Union of Nursing Organizations, the University of Washington International Training and Education and Education Center on HIV (ITECH), the Catholic Medical Missions Board in Zambia, and others. The first cohort of 31 nurses representing all nine provinces of Zambia began this one-year diploma program in June 2009. These nurses spent 6 weeks in Zambia attending classes and participating in intensive clinical mentoring. They are now working in their clinical sites and participating in ongoing mentoring. They are now working in their clinical sites and participating in ongoing mentoring (40 hours per month) and course assignments (case studies and written assignments). We are assisting with ongoing program evaluation and seeking funding for the ongoing implementation of this program.

E-Granary digital database development. We have worked closely with partners in Zambia and global nursing partners and with the Widernet E-Granary digital database development. We have worked closely with partners in Zambia and global nursing partners and with the Widernet project of the University of Iowa to create a database of digital resources

that are available on a low-cost server and can help increase information access in countries that have limited access to the internet. We have helped to develop the nursing, public health, and medical portals which now includes more than 1500 resources that will be updated every 6 months and are now on the eGranary server available to anyone who purchases this low-cost resource.

International Nursing Leadership Program

The Collaborating Center offers an international nursing leadership program every 2 years to strengthen global nursing leadership. The 2006 program included 13 nurses from Chile, and the 2008 program included 18 nurses from Brazil, Chile, Colombia, and Honduras. Nurses attend a leadership course and develop collaborative projects with UAB nursing faculty to strengthen their leadership and improve health in their countries. The July 2010 program will include 12 nurses from Zambia and 13 from Latin American countries. An article describing the 2008 program was published in English, Spanish, and Portuguese on the website of the Nightingale Initiative for Global Health

(www.nightingaledclaration.net/global/alabama/).

Capacity Building for Research Coordinators

Providing Distance Education to Research Coordinators at International Sites. Study coordinators are critical to the successful implementation of clinical research, but many have no formal education for their roles. With support from the Fogarty International Center, faculty in the UAB School of Nursing are developing, implementing and evaluating a five-course distance-based certificate program for study coordinators working at international sites. An article describing outcomes from a previous project to offer similar courses was published in 2009 (Jones, C. T., Wilson, L. L., Carter, S., Jester, P. M. (2009). Development and Implementation of a Distance-Learning Certificate Program in Clinical Research Coordination for Coordinators at International Sites. *Southern Online Journal of Nursing Research*, 9(3), 1-16.)

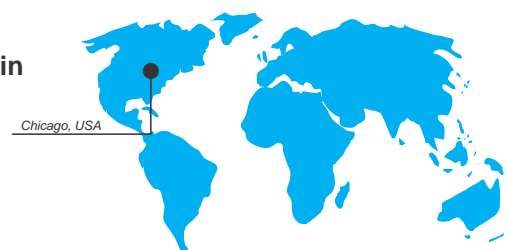
Network for Child Health Nursing (Red ENSI)

Dr. Wilson serves as Vice-Coordinator of the Network of Nurses in Child Health (Red de Enfermería en Salud Infantil). This is a community of practice that was organized through the Pan American Health Organization (PAHO) involving child health nurses in every country in Latin America. The Collaborating center coordinates the virtual meetings of this network using Elluminate software provided by PAHO. An article about this network was published in 2008. (Harrison, L., Montenegro, G., Malvares, S., Astudillo, M., Behn, V., Bertolozzi, M. R., Chiesa, A. M., Espinoza, M., Fujimore, E., Harper, D., Orellana, A., Saenz, K., Sigaud, C. H. S., Verissimo, M. D. O. (2008). The network for nursing in child health. *Pediatric Nursing*. 34(2), 113-116, 138-139.)-sweetened beverages and savory snack foods are reported more commonly in overweight/obese children, and they obtain these foods most commonly from tuck shops at the schools.



WHO Collaborating Centre for International Nursing Development in Primary Health Care

University of Illinois at Chicago College of Nursing
Global Health Leadership Office
Director: Mi Ja Kim



Collaborating Center Goals or TOR's:

1.To assist WHO and PAHO in the dissemination and sharing of information and research findings relevant to health and nursing groups, as they relate to the achievement of the Millennium Development Goals through primary health care (PHC) for individuals, families and communities.

2.Facilitate development of nursing participation within a multidisciplinary PHC team in research, education, practice, and policy initiatives with select WHO and PAHO Collaborating Centers as well as other international collaborating sites.

3.Develop variety of mechanisms to enhance preparation of graduate students for multidisciplinary PHC practice and research.

Activities focusing on these goals:

Active agreements with: College of Health Sciences, Ministry of Health, Bahrain; Maryknoll China Service Project, Hong Kong; School of Medicine of Xi'an Jiaotong University, China; Shandong University, China; Universidad Estatal de Milagro, Ecuador; Bel-Air College of Nursing of Indian Red Cross Society, Maharashtra State, India; Division of Nursing Science, Hiroshima University, Hiroshima, Japan; Ewha Womans University, Seoul, Korea; Pusan National University, Pusan, Korea; College of Nursing Science, Kyung Hee University, Seoul, Korea; The University of Malawi, Lilongwe, Malawi; Chang Gung University, Taiwan; Assumption University of Thailand, Bangkok; Mahidol University, Thailand; Ministry of Public Health, Thailand.

- AIDS International Training and Research Program: Designed to build long-term scientific capacities that help to address the AIDS epidemic in China, Chile, Indonesia, and Malawi. Four current doctoral students: Chile (1), Indonesia (2), and Malawi (1).

- Chicago Developmental Center for AIDS Research: A collaborative multi-institutional initiative for AIDS research led by Rush University in collaboration with Stroger Hospital and UIC Medical Center.

- Volunteers in Service to America (VISTA): PHC program development in Chicago communities.

- PHC/Community Health Curriculum Development: Graduate nursing program development, Xi'an Jiaotong University, China for international collaboration.

- Chicago Health Corps: AmeriCorps program in its 15th year assisting Chicago communities with PHC services.

- National Coalition of Ethnic Minorities in Nursing Associations (NCEMNA) and Asian American Pacific Islander Native American Association (AAPINAA): Faculty and students continue active involvement in mentoring young scholars.

- Graduate Training for Visiting Scholars and Degree Seeking Students: UIC CON registered 25 international graduate degree-seeking students and hosted 26 visiting scholars from 5 countries.

- Bridges to the Doctorate: Minority nursing master's students trained to be admitted to PhD program.

- Cambodian Association of Chicago: Supports health, literacy, and development in recent and long-term immigrants from Cambodia.

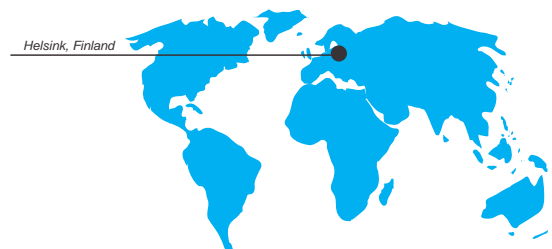
- WHO Oral Histories: Production of three documentaries highlighting global contributions to PHC by Virginia M. Ohlson, Chieko Onoda, and Beverly J. McElmurry.

- Little by Little: Organizes nursing volunteers for short-term multiple visits to Haiti to provide basic care to impoverished populations.

- Moi University, Kenya: Preparing to conduct an evaluation for integration of nursing at the Moi University site.

WHO Collaborating Centre for Nursing

Nursing Research Institute

Director: Arja Holopainen

The main purpose of the Nursing Research Institute (NRI) and its Foundation is to support nurses, public health nurses and midwives to improve people's health by implementing evidence-based nursing in practice. The Foundation among other things promotes production of systematic reviews and evidence-based guidelines for clinical nursing. The Foundation is an active partner in the field of nursing research and works closely with universities, universities of applied sciences, hospital districts and health care organizations and nursing associations.

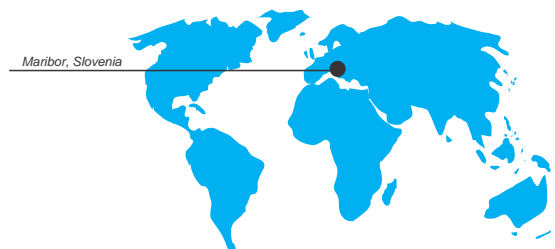
The Finnish Nurses' Association's project 'Towards increased effectiveness in nursing through scientific evidence' has been incorporated in the work of the NRI. Currently there are several groups producing evidence-based nursing guidelines. Examples of the topics of these guidelines include pain management, patient education and support for postnatal depression.

The NRI has intensively participated in the preparation of the new national action plan in nursing by the Ministry of Social Affairs and Health for the years 2009–2011. The plan is called "Increasing the effectiveness and attraction of nursing care by means of management". As a part of the action plan the NRI is currently developing a model for implementing consistent evidence-based practices e.g. nursing guidelines described above. The model is developed for nurse managers, clinical nurse specialists, educators, researchers and nursing staff. The model will be piloted in health care organizations during 2011 and implemented in the whole country thereafter. Information on the model will be distributed later.

Healthy start in life: nursing and midwifery development project in St Petersburg (Russia) lasted four years (2004-2007). During the project data of women's health in one of the hospital regions in St Petersburg were collected, lectures and educational materials for the staff of the hospital were arranged and study visits to hospitals in Finland were realized.

Presently the NRI is planning to establish a JBI Collaboration Centre to Finland. Nursing Research Foundation and JBI have similar aims to promote health by increasing effectiveness in health care nationally and internationally.

WHO Collaborating Centre for Primary Health Care Nursing
Nursing Health Centre
Director: Tamara Lubi



WHO COLLABORATING CENTRE MARIBOR, SLOVENIA, WORKS ON THE BASIS OF FOLLOWING TERMS OF REFERENCE:

- To develop the Family Health Nurse Concept (FHN) .

Our Centre was one of the co-authors of the WHO/EURO manual on Family/Community Nursing and is responsible for its implementation in our and other transition countries, where we have been working on behalf of WHO/EURO or ICRC. We also host guest visitors, who are interested in the daily practice of community nurses. Community nursing is also undergraduate course at the Faculty of Health Sciences, our partner institution, and we enable students to carry out field practice in community services.

- To provide support to further developing Nursing Education & Practice, including evidence-based nursing.

Development of professional language is of basic importance for the inter-professional cooperation in the country and also internationally. We lead the work group for developing professional vocabulary, so called SLONDA group - the Slovenian Nursing Diagnoses.

Our specific task is also development of new nursing diagnoses for the use in the PHC Nursing, especially for the health promotion and preventive work with the population.

- To contribute, as a main partner, towards developing a European Strategy for Continuing Education for Nursing & Midwifery.

As we are among the authors of the WHO/EURO manuals for the Continuing Education of Nurses, we offer information and support to the nursing teams, developing new models of continuing education or specialisation, e.g. for gerontology, occupational health, community nursing.

- To participate in multi-sectoral cooperation in partnership with local communities.

As PHC nurses we work closely with local communities and other sectors; World Health Days with their specific mottos demand multi-sectoral involvement and we serve as catalysts for those activities(age friendly cities, healthy communities, traffic safety, disasters etc).

- To support implementation of PHC practice into curricula of undergraduate and postgraduate studies.

Besides the support to undergraduate studies, we are also active in International Summer Schools, offering student nurses theoretical knowledge and field visits within the subject Primary Health Care.

- To support language development.

Whenever a new professional term occurred in the international literature or in the clinical practice, we translate it and test it in the practice before it is included into the professional vocabulary.

- To organize conferences.

Together with the WHO, our office organised conferences on palliative care, which has become a very important activity in the Home care services.

- To share the knowledge & information.

Quick transfer of knowledge and information is one of the key task of a WHO Collaborating centre.

New WHO documents are regularly distributed, and cooperation with the WHO country office and the Ministry of Health are successfully carried out. Their members are invited to all events of the National Nursing Association and to the meetings of the National Board for Nursing - an advisory body to the Ministry of Health.

When asked for, we send information and materials to nursing organisations abroad; teach at university schools in Slovenia and neighbouring country Austria.

WE ARE ALSO ENGAGED IN OTHER ACTIVITIES AND TASKS:

- Work on the Social Determinants of Health is very intensive, especially among the community nurses, with an accent on the nurses' professional pathways, their ethical considerations, professional autonomy and patient's safety.

The health system offers functionally integrated health care services, therefore our cooperation with the colleagues from the secondary and tertiary health institutions is very intensive. We all take care for same patients, only in different times and different phases of their health needs and problems.

- Development of palliative care is an important task of community nursing. CC took active part in the first workshop on palliative care (March 2009) in collaboration with WHO Country Office, Slovenia. Maribor WHO CC is responsible for the organization and providing active participants for the second workshop. These two workshops will be analysed and if satisfactory, they will also be organized for former republics of Yugoslavia, in case of financial support. Together with the Ljubljana WHO Office, we organized 2nd workshop "Palliative in Primary Health Care", in November 2009.

- In cooperation with the Faculty of Health Sciences in Maribor we organized summer school for Slovenian and students from abroad. CC was responsible for the lectures on community nursing and field visits.

- We actively participated in the summer school "Healthy Living HEALTH", organized by the Faculty of Health Sciences, Maribor. The work of the WHO Collaborating Centre for Primary Health Care Nursing, and the organization for Home Visiting Health Care Nursing in Slovenia were presented to the lecturers and foreign students.

- CC was not any more invited to work for the European strategy, but we are active in the following continuing education programs and activities in Slovenia:

- Theory and practice of research in nursing.
- Professional pathways for nurses.
- Sociological influences on nursing profession.
- The future of nursing in a changing world.
- Ethical considerations about the team work in health system.

Membership in the working group for the project Age-friendly cities.

Organization and co organization of the world health days. Program for the study day was organised as a multisectoral activity in the frame of local communities, including political leaders, Civil Defence, health services and educational institutions.

- Our team is offering a model for PHC practice for nursing schools which are implementing the Bologna process into education. We also teach in postgraduate studies at the University of Graz (Austria); the basic document which is being discussed is the role of nursing based on Health 21.
- CC was the initiator of the development of the Slovene professional vocabulary and is continuing this work along with the implementation of nursing diagnoses and the nursing documentation.
- CC is source of information on international nursing, especially on the important WHO documents.
- On the basis of invitation, CC presented the role of Public health nurses in Slovenia at the 35th American Academy of Nursing Annual Meeting & Conference, under the motto: *Health as a Bridge for Global Peace*.

OTHER ACTIVITIES

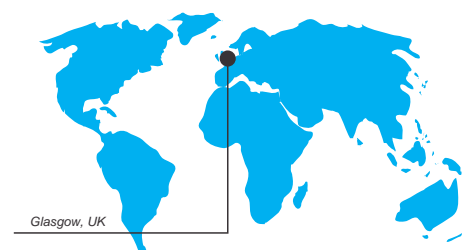
We have prepared the model of community nursing care for elderly; which is among the 33 best models and has been included into the Guidelines of the EU project Health Promotion for Elderly.

Nightingale Initiative for Global Health asked us to send them the model of our Community Nursing Care.

Full information with some photos have been sent to those CCEE/NIS countries we are supposed to provide with new professional knowledge and models of practice.

- Within the WHO Collaborating Centre, the National Group for Nursing Diagnosis 'SLONDA' has been reactivated and accepted as a working group for nursing diagnosis by the Extended Collegiate Body for Professional Care of the competent Ministry of Health. We are preparing a set of home nursing diagnoses and their comparison with the current professional literature (Nanda, M. Gordon). We have invited all health institutions in Slovenia to cooperate and offered them a standardised form for easier selection.
- As representatives of WHO Collaborating Centre for Primary Health Care Nursing, we regularly attend meetings of the enlarged National Coordination of the Chamber for Medical and Midwifery Care in Slovenia - Association of Professional Societies, and are actively involved in solving current problems in the field of health care nursing (professional competencies, activities, and education in health care nursing).
- We hosted WHO Regional Office experts, invited by the Slovenian Ministry of Health, to carry out an assessment mission in the field of understanding and knowledge regarding social determinants and disparities in health due to social factors, public policies, and developing conditions in Slovenia.
- Throughout the year we perform tasks and take part in the projects and studies of the WHO, in accordance with the instructions of the WHO Regional Office for Europe in Copenhagen, and the main office in Geneva.

**WHO Collaborating Centre for Nursing and Midwifery Education,
Research and Practice**
School of Nursing, Midwifery and Community Health Glasgow Caledonian
University
Director: Valerie Fleming



WHO Goals

- To lead the implementation and evaluation of the Global Education Standards for Nursing and Midwifery education worldwide (KRA 1)

Activities focusing on this goal:

Meetings have been held with WPRO and SEARO in Jan 2010. An action plan has been devised in association with the University of Hawaii and we are seeking funding to evaluate the standards in five countries in each region.

- To develop doctoral programmes for nurses and midwives maximizing opportunities to participate via mixed modes of learning. This has the potential of increasing the numbers registering as PhD students and will ultimately increase the cadre of nurses and midwives educated to doctorate level.

Activities focusing on this goal:

Workshops, train the trainers' programmes have taken place in the middle east. A project proposal for Palestine has been developed and submitted for funding, publications.

- Respond to requests to develop international university education curricula in collaboration with WHO focusing on countries wishing to develop in this area. (KRA 1,4)

Activities focusing on this goal:

Development and implementation of nursing and midwifery education programmes in eastern Europe (from short programmes to full university degree programmes in line with EU directives) and South East Asia.

Regional Goals

- To contribute to capacity building of potential WHO Collaborating Centres in Eastern Europe in partnership with WHO Europe. (KRA1,4)

Activities focusing on this goal:

We have provided non-financial support, guidance and expertise to institutions undergoing collaborating centre designation in Eastern Europe.

COLLABORATIVE ACTIVITIES WITH OTHER CCS

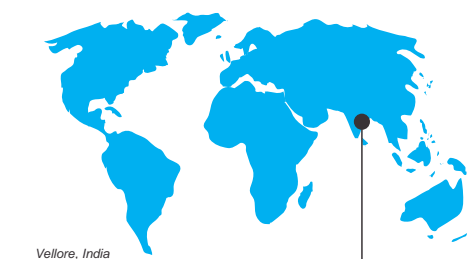
See report on first goal above

Activities focusing on this goal:

We have developed educational package with CCs from other Regions.

WHO Collaborating Centre for Nursing and Midwifery Development

College of Nursing, Christian Medical College and Hospital

Director: Bharathy Jacob**Terms of Reference**

1. Serve as a resource centre for Nursing and Midwifery research development and training;
2. Serve as a resource centre for Nursing and Midwifery training in teaching, practice and management;
3. Promote and support development and implementation of innovations in Nursing and Midwifery education and practice;
4. Collect and disseminate information related to advancements in clinical Nursing / Midwifery practice and education.

Work performance in relation to Terms of reference:

Serve as a resource centre for Nursing and Midwifery research development and training.

Initiative has been started to develop partnership in Nursing between WHO collaborating centres University of Pennsylvania School of Nursing and College of Nursing CMC, Vellore. Memorandum of understanding has been submitted and is in process of finalization.

Potential collaborations between University of Washington School of Nursing and CMC.

There is a MOU between CMC and Kansas University Medical Centre, USA for students and faculty exchange programme to enhance student learning and experience in research.

Initiative has been started to develop collaboration with Eastern University, Batticaloa, Sri Lanka to provide consultancy and faculty assistance in development and implementation of the curriculum and faculty development in the new basic B.Sc. Programme.

National Consortium for Ph.D in Nursing

- Dr. Premila Lee a member of the Ph.D Consortium core committee is the coordinator for College of Nursing, CMC from September 2008. The activities were carried out in CNE class room using video conferencing facilities. They were organized and coordinated by the CNE Department. Four contact classes of five days duration were conducted during the year.
- Dr. Punitha Ezhilarasu, Dr. Premila Lee & Dr. Jayarani Premkumar served as resource faculty.
- The synopsis presentation for IV batch students was conducted on March 26, 2009 and 02.05.2009. Ten candidates presented from Vellore center.

Collaboration of College of Nursing with other Departments in Research

1.Faculty in conjunction with Respiratory Medicine is conducting, A study "Validation of interferongamma assay for the diagnosis of tuberculosis infection in health care workers". The study was continued for this year also.

2.Faculty in conjunction with Community Medicine is conducting, A study "Establishment of an innovative Model of preventive cancer Screening and Management programme for women in rural south India through Global Health Partnership". The study is in progress.

3.Faculty in conjunction with Rheumatology Department is conducting, A study on "Multicentered study to Evaluate the Safety and Efficacy of Rituximab in combination with methotrexate compared to MTX alone in Methotrexate Naive patients with active Rheumatoid Arthritis". The study is in progress.

One faculty member has been awarded PhD degree under Northumbria University at New Castle Upon Tyne, U.K. One faculty was awarded the PhD degree from Tamilnadu Dr. MGR Medical University. Two faculty have been selected for Ph.D. programme as part time under PhD Consortium. Three faculty members have registered for part time PhD programme under the Tamilnadu Dr.MGR Medical University. One PhD faculty member and two PhD faculty are continuing their PhD programme under Tamilnadu Dr.MGR Medical University and PhD National Consortium respectively.

Research activities by faculty of College of Nursing

The research committee of College of Nursing met 2 times during the last year. 11 research proposals by faculty were presented and approved. The numbers of projects funded by college of Nursing Research fund during the 2008 – 2009 are seven.

Investigator: Dr. Chellarani Vijayakumar

Title: An evaluation study on the effectiveness (Impact) of services provided by the Community health Nursing Department of College of Nursing, CMC, Vellore in the CONCH programme areas of Usoor and Arcot block of Vellore District.

Investigator: Mrs. Shirley David

Title: Epidemiological profile of under nutrition in rural elderly population of south India and the outcome of intervention utilizing structured teaching module.

Investigator: Mrs. Valliammal Babu

Title: A study to assess the knowledge and attitude in relation to pain management among nursing students and staff nurses in CMC, Vellore.

Investigator: Mrs. Rebecca Pushparaj

Title: A study to assess the knowledge and skills of nursing personnel working in various departments of CMC regarding CPR

Investigator: Mrs. Alice Suresh Kumar

Title: Factors contributing to delay in providing definitive treatment for stroke patients in CMC, Vellore

Investigator: Mrs. Shandril Immanuel

Title: A study to assess the adequacy of care provided anemic antenatal women by undergraduate nurses

Investigator: Dr. Jayarani Premkumar

Title: A study to explore the utilization of Graduates in WHOCCs of India for a period of 10 years

Investigator: Mrs. Christy Simpson

Title: Effect of Bereavement counseling on psychological impacts associated with pregnancy loss

Investigator: Mrs. Amala Rajan | Mrs. Ilavarai Jesudoss

Title: A study to determine the effectiveness of structured teaching programme on antibiotic resistance among nurses working in Medical wards of CMC, Vellore

Investigator: Mrs. Sonia Babu

Title: Descriptive study to identify stressors common symptoms of stressors and the level of stress among 1st year Nursing students, CMC regarding CPR

Investigator: Mr. Devan Prabudoss

Title: A study to determine the prevalence and causative factors of iron deficiency anemia among the pregnant women and to assess the effectiveness of the existing interventions received by the pregnant women in Urban and rural areas served by the Community Health Nursing Dept, CON, CMC, Vellore

Serve as a resource centre for Nursing and Midwifery training in teaching, practice and management

National Level WHO training programme

The WHO IND JJA workshop was conducted to evaluate the past XI training programmes on Emergency and Trauma nursing conducted by the Department of Accident and Emergency Nursing, College of Nursing, on 12.06.2009. About 13 trainees were present and they gave good feed back.

National level training courses offered in the institution

A one year speciality courses were conducted regularly in the following areas:

- Cardiothoracic Nursing
- Critical Care Nursing
- Emergency and Trauma Nursing
- Neuro & Neurosurgical Nursing
- Operating Room Technique and Management
- Renal Nursing
- Psychiatric Nursing

1-4 students were admitted in different post basic diploma courses.

2 students were selected for Fellowship in Respiratory Nursing and Fellowship in Haematology Nursing.

Workshops Conducted

·September 2008 – Faculty conducted three workshops on "Obstetrical emergency" for Staff Nurses. Staff Nurses from the CMC participated. The workshop was appreciated well. Each session was for one day.

·September 2008 (16th-18th) the Community Health Nursing Department of College of Nursing faculty conducted a National Community health Nursing Conference on "Nursing Leadership in Community Health " and 516 delegates from 15 states participated in the conference.

·October 2008 – Workshop was conducted on "Healthy aging" by Medical Nursing Department of CMC Vellore. 60 participants from Vellore and different Schools of Nursing and hospitals of Tamilnadu attended the programme. This was organized as part of celebration of International day of older people.

·October 2008 – Research methodology workshop for PG students was conducted from 13th - 17th October 2008 (5 days). Students, Tutors and staff from 6 different colleges and schools of Nursing attended the same.

·Conducted a WHO in country Fellowship training programme on community based rehabilitation of people with disabilities for a trainee from Police Headquarters, Nasek.

·December 2008 – National AIDS conference on HIV/AIDS was conducted by College of Nursing, Nursing Service, Department of Medicine Unit I and Infectious Diseases in CMC Vellore. 340 Nurses participated from all over India. We received funds from WHO India Head office & INC.

·March 2009 – Research methodology workshop was conducted for faculty of College of Nursing, CMC from 30.03.2009 - 03.04.2009.

·April 2009 – Conducted workshop on management of TB patients.

·April 2009 – Workshop on Management of poisoned patients was conducted for staff Nurses by the Medical Nursing Department, College of Nursing & Medicine Unit-III, CMC Vellore.

·Four HIV/AIDS training programmes for staff nurses working in ART centres and community centres in Tamil Nadu was conducted in collaboration with NACO during the months of November & December 2008, January & February 2009.

·College of Nursing, CMC is recognized as a sub recipient of Global funding for AIDS, Tuberculosis and Malaria (GFATM) by INC in the country. Training workshop for the Trainers and for the Nurses have been conducted in College of Nursing, CMC Vellore and the sub-sub recipient institutions in south India.

Visiting students from India:

The details regarding visiting students for whom training was given, using our facilities are given as below

Name and type of Institution	No. of Institutions	Level of students	No. of students
India:			
Colleges of Nursing - Private	5	M.Sc.	46
	1	B.Sc.	40
Government	4	M.Sc.	41
Schools of Nursing:			
Mission	7	Diploma	211
	1	B.Sc.	51

Visitor Observers from overseas:

1. Two registered nurses and 5 nursing students as visitor observer from University of Washington, USA from 01.09.2008 to 11.09.2008.

2. Ms. Rebekha one of the student observers from Monkton Combe School, U.K. from 06.10.2008 to 13.10.2008.

3. Ms. Sue Jacob, Lecturer in Midwifery and member of the Royal Medical and Nursing College, International Forum, U.K. on 18th November 2008.

4. Ms. Laura Sabin, as a visitor observer from University of San Francisco, School of Nursing, USA to Medical, Surgical, Paediatrics wards and community 3rd to 13th January 2009.

5. 4 students from Kansas University came for a Perceptorship in Paediatric and Community Health Nursing departments from 05.01.2009 to 13.02.2009.

6. Ms. Hanna Rittenberg and Helmi KMaren, Final year nursing students from Orebro University, Sweden had experience in Community Health Nursing, Paediatric Nursing, Psychiatric Nursing and Emergency Department for a total of 19 weeks from 01.09.2008 to 17.01.2009.

Visiting faculty from India/Overseas

1. Faculty from Karolinska University visited College of Nursing from 24th to 26th November 2008.

2. Mr. Shailendra Haruray & Mr. Tejinder Dudeja, Local Agent officials of Global Funding visited our College on 26.04.2008.

3. Ms. Ellen Bistol, Cardiac Nurse Manager from University of California visited our College in December 2008.

4. Dr. Mong, Medical Director of Christian Medical Hospital, Bangladesh visited our College on 25th March 2009.

Promote and support development and implementation of innovations in Nursing and Midwifery education and practice

A Community health Nurses Association was formed at the National level to provide a forum for community health nurses from different parts of the country to share their experiences and issues. It is named as SOCHNI, society of Community Health Nurses of India, which was registered on 24th March 2009 with the head office in College of Nursing, CMC, Vellore. The president is Dr. Chellarani Vijayakumar.

Regular audit programme was conducted biannually by the faculty to assess the quality of care provided to patients in CMC, Vellore.

National Mother hood day was celebrated on 11th April 2009. International Midwife's day was celebrated on 5th May 2009. Breast feeding week was celebrated for a week and it was reported to World Alliance for Breast feeding action. The maternity nursing department carried out activities to create awareness on the importance of breast feeding to more than 200 mothers. In recognition, the world Alliance for Breast feeding action (WABA) awarded Mrs. Christy Simpson, Professor in Maternity Nursing a Gold Medal.

International Nurses' Day was celebrated on 08.05.2009 as part of the centenary celebration of nursing education in College of Nursing, CMC in a grand manner. Nurses from Government, private and mission hospitals in Vellore attended the programme.

A career guidance and counselling programme was organized as an innovative way of disseminating the knowledge of nursing profession. This was one of the events of the centenary celebration of the College of Nursing. The programme was hosted in the premises of the College on 19th and 20th June 2009. Various schools in and around Vellore town were invited. Out of the 16 schools invited, 8 schools were participated. Children belonging to 10th, 11th and 12th standard had able to come

Geriatric Clinics and club: The Geriatric club was conducted regularly in Puttuthakku village of our College of Nursing, Community Health nursing area for the elderly. It provides opportunities for the elderly to interact with each other and utilize the day in a meaningful way. Every month Geriatric clinics are conducted to assess and provide care to the senior citizens.

Hepatitis 'B' Free City camp was conducted from 05.02.2009 to 07.02.2009 in the Kadamark land of CMC Hospital by the Department of Gastroenterology and Hepatology in collaboration with Community Health Nursing Department. They organized health education, health games, puppet shows on Hepatitis B and administered Hepatitis 'B' vaccination to 2300 people.

The Nurse led antenatal clinic is conducted. The Nurse Led Clinic (NLC) organized by the faculty of Maternity Nursing, College of Nursing and OG Unit II was started on January 2nd 2007 with the aim of providing holistic care to all low risk women and to empower the midwife to function as an independent practitioner.

A protocol was prepared before the clinic was started. The clinic was conducted in room no.26, OG OPD on Tuesdays and Fridays. All the newly registered mothers who came to OGII OPD were examined. Then all of them were referred to a senior doctor who was assigned to the general side of the OPD. The doctor reassessed the mother gave them prescriptions and lab investigations and put a seal that read as NURSE LED CLINIC on

the folder. This indicated that the mother was a low risk antenatal and would continue care at NLC. This clinic was being run for this year also.

Community Suicidal Intervention training for volunteers was started on 18.12.2008 in two villages of the College of Nursing, Community Health Nursing service areas. 17 volunteers were trained to identify, support and refer people with suicidal ideation and tendencies.

Junior Nurse Practitioner programme in Medicine I, II and Rheumatology OPD was continued through out the week. 4 nurses were posted as Junior Nurse Practitioner to OPDs through out the week after the training. Each of them were able to handle a maximum of 15-20 patients per day.

Mrs. Mary Johnson attended a training programme on Integrated Management of Neonatal and childhood illnesses organized by INC at New Delhi for a week (Jan/Feb 2009). She will be the resource faculty for M.Sc. (N) students for this course in their speciality.

Collect and disseminate information related to advancements in clinical Nursing / Midwifery practice and education

Activities related to preparation of documentation

The faculty are in the process of publication of text books "First Aid", "Paediatric Nursing" and "Psychiatric Nursing".

Mrs. Rosaline Jayakaran presented a paper on "Faculty Development programme for nursing faculty in Andra Pradesh" organized by Aghakhan Foundation along with the Government of Andra Pradesh on 13.11.2008.

Educational DVD's / CD's:

Videos on surgical procedure like Surgical dressing, Sitz bath, soak and surgical fomentation are being prepared by the Department of CNE & Research in collaboration with Surgical Nursing Department.

WHO Collaborating Centre for Nursing and Midwifery Development

University of Nursing, Yangon

Director: Mya Thu**Terms of Reference**

- 1) Serve as a resource centre for research and development in nursing and midwifery for national, regional and international communities
- 2) Serve as a resource centre for training nurse and midwife teachers, clinicians, researchers and managers on advanced clinical and functional specialties including community nursing and disaster nursing at national and regional level
- 3) Promote and support the development and implementation of innovations in nursing and midwifery practice and education
- 4) Promote and support the coordination and cooperation of nursing and midwifery education and service sectors.

Summary Description of Activities (2009)**Activities performed in relation to Terms of Reference 2****Implementation of work plan 1**

1) Name of activity: Training Workshop on educational science (teaching methodology) emphasize on clinical teaching through hands on patient

2) Summary description of the activity

Three days workshop on educational science (teaching methodology) emphasizes on clinical teaching through hands on patient was done in University of Nursing, Yangon, from (18.3.2009) to (20.3.2009). There were 30 participants, 2 from University of Nursing, Yangon, 5 from University of Nursing, Mandalay, 13 from Nursing and Midwifery Training Schools and 10 from hospitals, Department of Health.

The workshop was conducted with the following objectives.

At the end of the 3 days workshop, the participants would apply teaching methodology on clinical teaching through hands on patient and be able to:

1. describe educational psychology.
2. identify different styles of teaching methods.
3. describe principles of clinical teaching.
4. determine and apply appropriate teaching methods for effective clinical teaching.
5. describe student's assessment.
6. draw the lesson plan systematically regarding clinical teaching.

Lectures regarding teaching methodology with emphasis on clinical teaching through hands on patient were educational psychology, teaching/learning principle, educational objectives, teaching learning methods and teaching learning media.

Participants were formed into 5 groups with facilitators for each group. After given the lecture, group work, discussion and presentation were followed. Group work and presentation was done by using models and real objects as teaching in the clinical setting.

Implementation of work plan 2

1) Name of activity: Refresher course on current trend and concepts in nursing for both clinical and educational nursing staff

2) Summary description of the activity

The "Refresher Course on Current Trend and Concepts in Nursing for both Clinical and Education Staff" was conducted on the 12th and 13th, March, 2009 at the WHOCC, University of Nursing, Yangon. The activities of this course were carried out effectively according to the programme for this two day refresher course.

The total number of participants attended this course was 60, which included 30 clinical staff and 30 educational staff. The clinical staffs were senior nurses from various hospitals and Township Health Centres in Yangon, and educational staff were nurse educators from Universities of Nursing, Yangon and Mandalay, Nursing Training Schools, Lady Health Visitor Training School and Midwifery Training Schools. The Rector, Pro-rector, Professors/Heads and Associate Professors/Heads of all Nursing Departments from the University of Nursing, Yangon, took the role of facilitators in this course. This course was conducted with the following objectives.

General objective

At the end of this refresher course, the participants will be able to apply the acquired knowledge on current trend and concepts in nursing for the professional development and provision of quality care within the health care system in Myanmar.

Specific Objectives

The participants will be able to:

- (1) discuss the current trend of health care system in the country.
- (2) verbalize the current concepts of nursing in the changing society.

- (3) identify the roles of nurses in the current trend of health care system.
- (4) discuss the application of the nursing concepts for professional development.
- (5) apply the nursing process in the provision of quality care within the current health care system.
- (6) impart the acquired knowledge to the colleagues in one's own work setting.
- (7) collaborate with each other in the provision of quality care and in teaching student nurses.

Lectures on Current trend of Health Care System in Myanmar, Rules and Regulations of Myanmar Nurse and Midwife Council, Current trend of Nursing Education, Current Nursing concepts and Nursing practice, Nursing Ethics and Current Rules and regulations of Myanmar Nurse and Midwife Association, "Identification of means to improve professional development" and Nursing process: A means for provision of systematic nursing care were given.

Group tasks on "Identification of factors hindering professional development", and "Identification of means to improve professional development" were carried out and group presentation also done.

Activities perform in relation to Terms of Reference 3

Implementation of work plan 3

1) Name of the activity: Develop and publish the journal of Myanmar Nursing and Midwifery

2) Summary description of the activity

- The Journal of Myanmar Nursing and Midwifery has been published bi annually and the issue for 2010 is to be published soon.

- The Journal was distributed to all the Nursing Institutions and hospitals throughout the country and to all the WHO CC for N&M D in the region.

Implementation of work plan 4

1) Name of the activity: Workshop on Development of Guidelines for Quality Management in Nursing Services.

2) Summary description of the activity

The workshop on Development of Guidelines for Quality Management in Nursing Services was conducted from the 26th to 29th May, 2009 at the University of Nursing, Yangon. The activities of the four days workshop were carried out effectively according to the programme. Altogether, 30 participants attended this workshop. Among them, 15 senior nurses including matrons and ward sisters were from the hospitals under the Department of Health, 13 nurse educators were from the Universities of Nursing, Yangon and Mandalay, nursing and midwifery training schools under the Department of Medical Science. One participant was from Myanmar Nurses and Midwives Association and another participant was from the Myanmar Nurse and Midwife Council. The Rector, Pro-rector, Professors/ Heads and Associate Professors/ Heads of all Nursing Departments from the University of Nursing, Yangon took part in their roles of facilitators in this workshop. This workshop was conducted with the following objectives.

General Objective

At the end of this workshop, the participants should be able to develop guidelines for quality management in nursing services.

Specific Objectives

The participants should be able to:

- (1) obtain broader knowledge regarding quality management in health care services.
- (2) apply the concepts and principles of management in developing the guidelines for quality management.
- (3) develop a set of guidelines for quality management in nursing services.

Lectures on Quality Health Care, Importance of guidelines for quality management, Quality Assurance for Nursing Care, Quality Management in Nursing Services, Nursing Care Standard were given.

Group work on "Identification of areas needs standards of organization", "Identification of areas needs to be strengthened in the Standard of Practice", and "Development of Guidelines for Quality Nursing Care" were carried out and presentation was followed.

Implementation of work plan 5

1) Name of the activity: Workshop on Development of guidelines for management of quality in nursing and midwifery education

2) Summary Description of the activity

Three days workshop on development of guidelines for management of quality in nursing and midwifery education was conducted at the WHOCC, University of Nursing, Yangon, from 7th to 9th July, 2009. The workshop was conducted with the following objectives. At the end of the 3 days workshop, the participants should be able to:

- (1) obtain the knowledge regarding management for improvement of quality in nursing and midwifery education.
- (2) apply the concepts of principles of global standards for the initial education of professional nurses and midwives.
- (3) collaborate between Division of Nursing, Department of Health, Department of Medical Science, Myanmar Nurse and Midwife Association and also with Myanmar Nurse and Midwife Council.
- (4) review on the developed Minimum Requirements for The Accreditation of Nursing Education Program.
- (5) develop guidelines for management of quality in nursing and midwifery education.

There were 20 nurses as participants from Department of Health, Department of Medical Sciences, Myanmar Nurse & Midwife Council and Myanmar Nurse & Midwife Association. Presentation and discussion on Educational Philosophy, the Educational & Clinical Supervision in Nursing Practice, Activities carried out to improve Quality of Nursing Education, Introduction to Quality Assurance & Accreditation System, Global Standards for the Initial Education of Professional Nurses and Midwives, Importance of Nursing & Midwifery Education for Quality Health Care were done. The developed Minimum Requirements for The Accreditation of Nursing Education Program was reviewed and the participants were divided into three groups with two facilitators for each group. They were assigned to group work on identification of the areas need to be strengthened for the quality improvement of nursing and

midwifery education and how to overcome these problems. The groups continued and worked on development of guidelines for management of quality in nursing and midwifery education. The participants had developed a draft guideline for management of quality in nursing and midwifery education.

Work performed in relation to Terms of Reference 4

Implementation of work plan 6

1) Name of the activity : Evaluation workshop on the outcomes of the implementation of the model for collaboration between nursing and midwifery service and education (Honorary Teaching Appointment Model)

2) Summary Description of the activity

As evaluative activities, two days evaluation workshop on the outcomes of the implementation of model for collaboration between nursing and midwifery service and education was conducted from (22.1.2009) to (23.1.2009). Total 42 participants including 32 clinical staff from teaching hospitals from Yangon, Hpa-an, and Mawlamyine, and 10 teaching staff from University of Nursing, Yangon, Nursing and Midwifery Training Schools from Yangon, Hpa-an, and Mawlamyine attended the workshop. Presentations on the outcomes of the implementation of the model were done, and review on teaching functions was also done. Lecture on sustainability of the model was given. The group work on: strengths and weaknesses of implementation of collaboration model, and proposal for ways and means to sustain the collaboration model were done.

Implementation of work plan 7

1) Name of the activity: Extension of model for collaboration between nursing and midwifery service (Honorary Teaching Appointment Model) and education in new 10 sites (wards) per year.

2) Summary Description of the activity

Advocacy Meeting

As the evaluation of the implementation of the collaboration model, extension of model (Honorary Teaching Appointment Model) has shown a highly positive result, an advocacy meeting on extension of model for collaboration between nursing and midwifery service and education in new sites was done on 5.2.09. In this meeting, 10 new sites in Yangon area for extension of model for collaboration were selected including Medical ward, and Surgical ward from Yangon General Hospital, Uro Surgical ward from New Yangon General Hospital, Obstetric ward from Central Women Hospital, Insein General Hospital, Medical Unit and Surgical Unit from Yangon Children Hospital, one ward from Eye Hospital, one ward from Orthopaedic Hospital, and one ward from Mental Health Hospital.

Extension of Model

To extend the collaboration model at the selected areas, one meeting was conducted at the Auditorium, University of Nursing, Yangon, to be effective in implementation. The meeting on

extension of model for collaboration between nursing and midwifery service and education was conducted with 30 participants including 20 clinical staff from teaching hospitals and 10 teaching staff from University of Nursing, Yangon, and Nursing Training Schools, Central Midwifery Training School, Field Practice Training School, and Domiciliary Training School, Yangon.

Lectures on 'The collaboration Model', 'The clinical learning environment', 'Teaching Learning', 'Evaluation on student's performance', 'Review on application of Nursing Process', 'Nursing Ethics', ' Overview on Using Checklists for Nursing Procedures', and 'Review on Teaching Functions' were given. Group work on teaching functions and drawing tentative timetable was done.

Implementation of work plan 8

1) Name of the activity: Monitoring the implementation of model for collaboration in 10 new sites through follow up

2) Description of how the activity was implemented

Monitoring and supervision on the implementation of collaboration in 10 new sites have been done by phone contacts weekly and field visits monthly starting from the time of extension of the model in 10 new sites. During phone contact, the teaching functions, involvement of other clinical staff, and obstacles in implementation of model were discussed. They were requested to contact if any questions or problems arose. During field visits to new sites, follow up meetings were conducted and discussed about the followings:

- problems encountered in the implementation of the model
- teaching methodology
- planning for clinical teaching
- effectiveness of clinical teaching
- bed side teaching
- applying nursing process in clinical teaching
- using procedure checklists in clinical teaching
- documentation of clinical teaching

After that, close supervision on the activities of the implementation was done. The necessary supports were provided. Monitoring and follow up activities are continuously conducted throughout the year in 10 new sites. Post test was done on clinical and teaching staff, and on students by using the questionnaires. (Same as pre-test questionnaires)

This activity was not included in the term of reference for WHOCC. The WHO's NUR/SEARO provided the fund for this activity to utilize the guidelines in the "Training workshop on effective nursing management of Dengue Haemorrhagic Fever (DHF)" proposed to be conducted in 2010.

1) Name of the activity: "Development of Guidelines on Nursing Care for Dengue Patients for Building up the Capacity of Nurses and Midwives"

2) Description of how the activity was implemented

According to the suggestions from the WHO's NUR/SEARO, the WHO Collaborating Centre for Nursing and Midwifery Development, University of Nursing, Yangon put up the APW proposal for the "Development of Guidelines on Nursing Care for Dengue Patients for Building up Capacity of Nurses and Midwives".

Objective

The objective of this activity was to develop the guidelines on nursing care for dengue patients for building up the capacity of nurses and midwives.

Development of Guidelines

The Director and members of WHOCC for Nursing and Midwifery Development, University of Nursing, Yangon, Directors from Department of Medical Sciences and Department of Health held an advocacy meeting to form a core group to develop the "Guidelines on Nursing Care for Dengue Patients for Building up Capacity of Nurses and Midwives". The Steering Committee was formed with the Director Generals, Deputy Director Generals and Directors from the Department of Medical Sciences and the Department of Health. The Working Committee was formed with the Rector of the University of Nursing, Yangon as Chairperson, the members included the Physicians, the Paediatricians, the Epidemiologist, the Public Health experts, senior nurses with clinical experiences in caring for dengue patients, senior nurses with experiences in the community setting and nurse educators from the University of Nursing, Yangon.

In order to draft the guidelines on nursing care for dengue patients, the Working Committee held the first meeting on the 30th March, 2009 and the WHO's Physician guidelines on Dengue was reviewed. Then, an outline of the guidelines on nursing care for dengue patients was developed and sent to NUR/SEARO. After the approval was received, the Working Committee started to develop the guidelines on nursing care for dengue patients.

The first draft or prototype was completed on the 28th April, 2009 and it was distributed to the editorials of the Working Committee for editing the draft guidelines.

After the draft was edited, the second draft was completed on the 11th May, 2009. Then, it was pre-tested in the New Yangon General Hospital and in the Lanmadaw Township Health centre by the Field testers. When the pre-testing was concluded, the prototype of guidelines on nursing care for dengue patients was modified. Finally, the final draft was completed on the 15th May, 2009 and this was distributed to the members of core team. The final draft of the "Guidelines on nursing care for dengue patients for building up the capacity of nurses and midwives" was submitted to the Department of Medical Science (DMS) and to the WHO through DMS.

Outcome

At the end of this activity, the "Draft Guidelines on nursing care for Dengue patients for building up the capacity of nurses and midwives" was developed and put up to the Department of Medical Sciences for review by the WHO for further utilization in the SEARO countries.

This activity was not included in the term of reference for WHOCC. The WHO's NUR/SEARO provided the fund for this activity.

1) Name of the activity: Workshop on "Experiences with Nargis - Nurses and Midwives perspectives: Lessons learnt and preparing for future success".

2) Description of how the activity was implemented

Workshop on "Experiences with Nargis - Nurses and Midwives perspectives: Lessons learnt and preparing for future success" was conducted from (27.1.2009) to (29.1.2009). Total 50 nurses and midwives among which 12 were from the worst Nargis affected areas and nurses and midwives who contributed services, 12 nursing personnel from other States and Divisions Health Departments, 3 nurses from Yangon General Hospital, 3 nurses who involved in Day Trip, 5 teaching staff from University of Nursing, Yangon, 3 B.N.Sc (Bridge) students, who involved in 2 weeks trip from University of Nursing, Yangon, 8 teaching staff from Nursing and Midwifery Training Schools, Yangon, and 4 participants who involved in 2 months trip from Myanmar Nurses and Midwives Association attended the workshop. The workshop was conducted with the following objectives.

General Objective

At the end of this workshop, the participants should be able to improve the competencies of nurses and midwives in management and preparedness for disaster and emergencies.

Specific Objectives

At the end of the 3 days workshop, the participants would acquire knowledge and be able to:

- (1) apply knowledge regarding awareness and response to disaster and emergencies in health care services
- (2) promote effective nursing strategies for management and preparedness for disaster and emergencies

Overview of National Disaster Preparedness and Management Activities (including to Cyclone Nargis), Disaster preparedness and Responses, Health sector management in relief camps, Hospital preparedness, Nursing aspect of psychosocial and mental health during and after disaster, and Roles of responsibilities of nurses and midwives in management of emergency and disaster were presented. Representatives from Cyclone Nargis affected areas presented their experiences during and after Nargis. The participants were divided into four groups and they were assigned to participate in group discussions and presentations. Group works on the following topics were carried out; "Future plans for disaster preparedness". The participants were given recognizable certificate at the end of the workshop.

The Manual on "Emergency and Disaster Preparedness and Management for Nurses and Midwives" was distributed to the participants and the presentation of group works were documented in the technical report.

WHO Collaborating Centre for Nursing, Midwifery and Health Development

Faculty of Nursing, Midwifery & Health University of Technology, Sydney

Directors: Daly John and Michele Rumsey



Sydney, Australia

WHO CC UTS Key Strength Areas

- Human resources for health- workforce, migration, ethical recruitment.
- Education- curriculum development, accreditation.
- Regulation- mutual recognition, competency development, protection of the public.
- Policy & service development- models of service delivery, quality and safety, preparedness and emerging diseases and other health service crisis.
- Capacity building- equity, skills development and preparedness, leadership in all above areas.
- Research- design, implementation and utilization.

WHO Collaborating Centre for Nursing, Midwifery and Health Development, University of Technology, Sydney



After being awarded the World Health Organization (WHO) Collaborating Centre status in 2008, the Faculty of Nursing, Midwifery and Health at the University of Technology Sydney (UTS) has worked tirelessly to support the World Health Organization's programmes at national, regional and international levels.

To put our Collaborating Centre in context WHO is divided into six regions and Australia sits in the Western Pacific Region (WPRO) (blue zone right). We at the WHO Collaborating Centre UTS (WHO CC UTS) work closely with our partners in the South East Asian Region (light blue right). Combined, these two regions account for 53% of the global population which is the epicentre for disasters

and emerging diseases. This region encompasses 37 countries including Malaysia, Hong Kong, China, Pacific Islands, Papua New Guinea, Philippines, Republic of Korea, Japan, Singapore, Vietnam, New Zealand and Australia

The WPRO's role is to act as a catalyst for action from local to global levels, on health issues of public concern. It is made up of 37 diverse countries and works with a broad spectrum of partners across all sectors of society. WHO in the Western Pacific is involved in a host of closely related public health activities, including research, databanking, evaluation, awareness raising and resource mobilization (WHOWPRO, 2010).

UTS is proud to be part of the global network of collaborating centres and has been involved in some exciting projects to help create a healthier Pacific region. With 2010 well underway, we have outlined a variety of highlights of our year both big and small. We will continue to develop these projects and develop new projects into 2011.

South Pacific Chief Nursing & Midwifery Officer Alliance SPCNMOA



The WHO CC UTS is the Secretariat to the South Pacific Chief Nursing and Midwifery Officers Alliance (SPCNMOA), which represents nursing and midwifery leaders working in the governments of 14 Pacific Island nations across the South Pacific (including Papua New Guinea). The objective of the SPCNMOA is to enhance nursing and midwifery effectiveness in promoting and improving population health in member jurisdictions.

SPCNMOA intends to achieve this by raising the quality and relevance of nursing, midwifery and health leadership in health services and in nursing and midwifery education. A key recommendation in this area is that an Educational Task Force

(ETF) be created to ensure that there is a formal structure in place that enables a knowledge and resource sharing network in South Pacific. To be most effective, the network should include educational institutions, chief nursing/midwifery officers, senior education representatives, and relevant regulatory authorities. The ETF would consist of nominated, senior nursing and midwifery educators from the region for the purposes of collaborating and advising on the development, implementation, monitoring and evaluation of nursing and midwifery education within the region.

AusAID ALA Fellowships



In April 2008 the Australian Government announced the AusAID Australian Leadership Awards and funding for Fellowships to citizens of eligible countries in the Asia-Pacific region.

In May 2009, the WHO CC UTS, in partnership with the South Pacific Chief Nursing and Midwifery Officers Alliance (SPCNMOA), was awarded \$AU432,900 to deliver a leadership capacity building program for nursing and midwifery leaders in the Pacific. The grant was awarded based on the Centre's regional linkages and the relevance of the program to the SPCNMOA identified priority areas. Namely a request from the SPCNMOA for support in meeting challenges related to policy development and implementation human resources, regulation and data literacy.

A total of thirty Fellows completed the three-month program from May to July 2009. The Fellows were leaders or mid-career professionals from the Asia-Pacific region who have the potential to assume leadership roles that can influence social and economic policy reform and development outcomes, both in their own countries and the region. Evaluation of the program is underway and will continue to be carried out in 2010.

Mobility of Health Professionals European Commission Project

The Mobility of Health Professionals (MoHProf) is a global undertaking that will generate a scientific evidence base for informed policy decisions on the mobility of health professionals. WHO CC UTS is part of the Asian Research Team which includes India, Philippines and Australia. WHO CC UTS representatives include Professor John Daly, Professor Jim Buchan and Michele Rumsey.

The project involves studies on a national or macro level and on the micro level of the health care system in countries around the world - in our case the focus is Australia. This research project is continuing into 2010.

Global Leadership Collaborative for Government Chief Nursing and Midwifery Officers

The Office of Nursing and Midwifery, WHO Geneva and the WHO CC UTS have established a Global Leadership Collaborative (GLC) – a virtual global nursing and midwifery leadership group for government Chief Nursing and Midwifery Officers (GCNMO). The GLC uses the Global Alliance for Nursing and Midwifery (GANM) Community of Practice (CoP) through an online forum on the Knowledge Gateway. This gateway is coordinated by John Hopkins University USA, and is supported by WHO. It uses simple low-resolution technology for virtual knowledge networking so anyone with access to the internet can join in their relevant group.

WHO CC UTS provides the Secretariat to the GLC. The work of this group will be discussed at the GCNMO Forum to be held in Geneva in May 2010 at WHO headquarters.

WHO HQ Case Study: Human Resources for Health Retention and Deployment in Small Island States 2009-2010

Human Resources for Health (HRH) plays a pivotal role in strengthening health systems. Limited HRH is widely recognised as an impediment to achieving the health-related Millennium Development Goals (WHO 2006; UN 2008). The WHO HQ case study based research examining HRH policy and planning in small states, with reference to examining the specific challenges of HRH retention and deployment in remote and rural areas in small island states is being undertaken by the WHO CC UTS team in two countries - Vanuatu and Samoa.

Malaysian Ministry of Health study tour



The Malaysian Ministry of Health funded Nurse Educators to undertake a three week study tour at UTS 2009. The purpose of the program was to expose the six Malaysian Nurse Educators to Australian medical, clinical and university educational experiences and to meet specific learning objectives. They were also given the opportunity to observe targeted knowledge and skills that can be transferred to local practice including clinical placements at Royal Prince Alfred Hospital, Sydney.

World Health Day 7 April 2010: Urbanisation and health “Be part of a global movement to make cities healthier”



WHO CC UTS focused this year's world health day on a presentation and information on how this year's theme will affect the Pacific Region. Keeping the presentation relevant to the Pacific the focus points were:

- Virtually all population growth over the next 30 years will be in urban areas.
- The urban poor suffer disproportionately from a wide range of diseases and other health problems.
- Build partnerships with multiple sectors of society to make cities healthier.

WHO Emergency Disaster Program Papua New Guinea



One of the areas of expertise of the WHO CC UTS is emergency and disaster preparedness. The Collaborating Centre was able to share strengths in this area through working closely with WHO office in Papua New Guinea (PNG) and University of PNG to develop a focused program to train nursing academics. The program was established specifically for the Pacific Region and a successful pilot program was undertaken in December 2009 in Papua New Guinea. This pilot involved 20 nursing academics from various nursing schools around the country and was conducted over five days.

Papua New Guinea and many areas of the Pacific are known for its natural and manmade disasters due to earthquakes, tsunamis, flooding, volcanic eruptions and tribal disturbances. These disasters and incidences have resulted in loss of life and injury, disease outbreaks, and displacement of local communities. It is planned that the program will focus on the practicalities of disaster management will involve training nursing and healthcare workers throughout the South Pacific region.

Into the future...

From research and evaluation to the more practical elements of programming and education the World Health Organization Collaborating Centre for Nursing, Midwifery and Health Development at the University of Technology, Sydney along with our many expert partners in the field are looking forward to continuing to work within the Asian Pacific region concentrating on assisting people to live healthier lives.

World Health Organization Collaborating Centre for Community Health Services

School of Nursing, Faculty of Health and Social Sciences, The Hong Kong Polytechnic University

Directors: Samantha Pang and Ada Lau



Disaster Nursing Programme

Capacity building for disaster resilience

In response to the “May 12 Earthquake Disaster” in Sichuan province, China in 2008, Prof. Samantha Pang, Director of the World Health Organization Collaborating Centre for Community Health Services, School of Nursing, The Hong Kong Polytechnic University (WHO CC, SN, PolyU) has set up a Disaster Nursing Task Force within the School to provide immediate relief efforts and continued support in community re-construction.

Immediately after the earthquake in Sichuan, China, we participated in the WHO Western Pacific Regional office's (WPRO) 2-day intensive Disaster Trauma Nursing “Training-of-Trainers” (TOT) course in Chengdu, Sichuan in June 2008. Over 60 health professionals from different cities and provinces in China attended. Based on the WHO “TOT” course, an e-learning programme on Post-disaster Trauma Nursing Training (in simplified Chinese) was developed. This e-learning programme was also converted to DVD format, and about 2000 DVDs were distributed to mainland health workers in Spring 2009.

(www.chinesenursing.org/main/resources.php?lang=cn)



Trauma Nursing Training-of-Trainers, Course organized by WHO & Ministry of Health in Sichuan, China, June 2008

A funded project entitled “An action research approach to developing community-based rehabilitation and health promotion strategies for quake survivors and capacity building of health workers” was conducted in collaboration with the West China School of Nursing, Sichuan University after the earthquake in Sichuan, China in 2008. Community health needs assessment was conducted in two temporary housing areas in Dujiangyan, reaching about 6000 residents. Health self-management manuals on hypertension, arthritis, insomnia, mental health and flu prevention were developed to address common health concerns, and two health self-management activity rooms were built for health

education activities. Encouraging results were found from the community health needs assessment. The level and prevalence of health problems such as hypertension, insomnia, arthritis, etc. were reduced, and the quality of life of the residents was improved after the intervention.

In collaboration with the West China School of Nursing, Sichuan University, a summer programme entitled “Introduction to Disaster Nursing” was implemented in July 2009. It was structured as a 2-week intensive course equivalent to 3 credits with 60 contact hours. A total of 150 students from 44 member schools of the Chinese Consortium for Higher Nursing Education joined the programme. Pre- and post-tests were administered to assess students' perceived level of disaster nursing competencies. The preliminary results showed that most of them perceived the course as useful in equipping them with the basic nursing competencies in disaster prevention, preparedness, response and recovery. An evaluation survey was also conducted after the course. It yielded positive responses, with the majority indicating their willingness to participate as helpers in disaster relief and perceiving that they were competent to work under supervision. With the experience of the summer programme, a 6-hour TOT workshop “Introduction to Disaster Nursing: Curriculum design & learning methodology” will be pilot run and delivered to nursing teachers in Wuhan, China in April 2010. A web-based TOT course will then be developed to show the teachers how to design and develop disaster nursing curricula with appropriate teaching methodologies.

To bring together health professionals around the world to share expertise, knowledge and experience on disaster nursing, a seminar and a series of workshops on “Capacity building for post-disaster care” was organized in July 2008, and a 2-day international symposium and a series of thematic workshops on “Capacity Enhancement for Disaster Resilience” were organized in collaboration with the Pi Iota Chapter, the Honor Society of Nursing, Sigma Theta Tau International in October 2009 and March 2010. A total of over 800 local, mainland China, and overseas participants attended.

Apart from organizing seminars and workshops for health professionals, disaster preparedness was promoted to the general public as well. A booth exhibition on the theme of quake survival was held at the Hong Kong International Medical and Health Care Fair in August 2008. We published a pocket-sized “Earthquake Self-help Booklet” (Chinese version), and about 5000 copies were distributed to Fair visitors.

Asia Pacific Emergency and Disaster Nursing Network (APEDNN), WHO WPRO

We support the APEDNN and act as a proactive member to reduce the impact of emergency situations and disasters through inter-sectoral collaborative efforts. Ms. Sunshine Chan and Dr. Sijian Li (Nurse Consultant and Lecturer of the School respectively) represented WHO CC, SN, PolyU to share our experiences at the annual APEDNN meeting and Capacity Building Workshops in Jinan, China in 2008 and Cairns, Australia in 2009.

Summary descriptions of projects/activities

Adolescent Health and Development Project

WHO collaboration in adolescent health curriculum development

In 2001, the World Health Organization (WHO) has initiated a collaborative project with the School of Nursing (SN), The Hong Kong Polytechnic University (PolyU) to address adolescent health and development (ADH) issues by strengthening the education preparation of nurses and midwives. The aim of the project is to develop adolescent health curricular integration guidelines for health workers in order to support the successful curricular integration process in adolescent health. Three ADH foundational modules have been developed by the WHO Collaborating Centre for Community Health Services (WHO CC), SN, PolyU in Hong Kong, and the WHO Western Pacific Regional office (WPRO) in Manila.

The project leader, Dr. Regina Lee, Deputy Director of the WHO CC, SN, PolyU, is working closely with ADH experts from the WHO WPRO, Ms. Kathlyn Fritsch and Dr. Patanjali Dev Nayar, with tremendous support from Dr. Jaana Marianna Trias from the Child Health and Development (CHD) section, WHO WPRO. With the support from the WHO WPRO, modules to promote adolescent health have been developed. Curriculum review committee meetings were held with Dr. Patanjali Dev Nayar between August and November 2009 in Hong Kong to identify the domains in the nursing curriculum that needed to be strengthened. Dr. Regina Lee also provided technical assistance to Shandong University for a curriculum review committee meeting and identification of domains and modalities for strengthening their pre-service nursing curriculum.



Adolescent Health & Development Curricular Integration Meeting in Hong Kong, 2009

To introduce healthcare providers to the foundational modules, Training of Trainers (TOT) ADH workshops on capacity building for healthcare workers were delivered in August and November 2009 with technical support from the WHO WPRO, CHD, Dr. Patanjali Nayar.

The School spearheads a consortium of nursing schools from Hong Kong, Macao, Taiwan and mainland China. More than 75 nursing schools belong to the consortium. One of the proposed activities envisages training 50 nursing teachers and 100 nursing students from 75 different schools of nursing from mainland China during a summer camp to be held in August 2010, in Suzhou, China. The aim is to strengthen healthcare providers' (nursing teachers' and nursing students') ADH competencies in order to promote the health and well-being of adolescents in the region. Financial and technical support from WHO have been sought.

Hong Kong School Health Enhancement Consortium

With a commitment to implementing school-based health programmes by providing accessible health services and promoting healthy lifestyle behaviours for children, adolescents and their parents in the school setting, the "Hong Kong School Health Enhancement Consortium" was established with over 50 members under the auspices of the WHO CC, SN, PolyU in March 2009. The Consortium collaborates with a variety of organizations and disciplines in the university and the community to enhance the well-being of our school children and adolescents and their families. The school-based health programme includes a school-based weight management programme for obese primary school students, a healthy cooking demonstration gala, parenting classes, health talks, first aid courses, and training student health ambassadors.



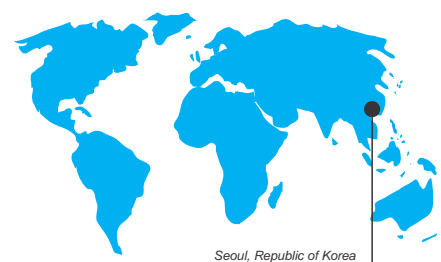
A school-based weight management programme for obese primary students, 2007-2009

With the collaboration of the School Nurses International (SNI) and WHO WPRO, The SNI 16th Biennial Conference, with the theme "The role of school nurses: Evidence-based Practice, Globalization, Policy Formulation", will be held in Hong Kong from 25-29 July 2011.

WHO Collaborating Centre for Research and Training for Nursing Development in Primary Health Care

Yonsei University, College of Nursing

Directors: So Sun Kim and Il Young Yoo



Terms of Reference

1. To collect & disseminate information relevant to nursing's role in Health for All (HFA)/Primary Health Care (PHC)
2. To provide technical collaboration in nursing education in the region
3. To monitor national trends in nursing development in HFA/PHC
4. To coordinate, conduct & participate in research projects relevant to nursing development in HFA/PHC
5. To liaise with nursing education institutions within the country as well as with other WHO Collaborating Centres as necessary for the strengthening of nursing development in HFA/PHC

Significant Activities in the last 5 years

1. Strengthening of the capacity of primary health care workers in Korea and countries in other regions (Honduras, Ecuador, and China): training program and role of community health nurse practitioner program was introduced as a successful method to deliver primary health care in rural areas. For health care workers from Honduras, management and care for the high risk children at Severance Hospital was shared. In Ecuador, faculty members visited Yonsei and exchanged the information on nursing curriculum.
2. Operate and disseminate the school re-entry and adjustment program for chronically ill children: Developed a comprehensive program to help children with chronic disease to adjust to school after long term treatment. The program included manuals for parents and teachers and video contents on cancer and hospital experience of children under treatment.
3. Develop a community based family planning program in a rural area of Ethiopia: With a major funding from Korea International Cooperation Agency, Yonsei University College of Nursing established a community center in Ethiopia and providing family planning services to the residents.
4. Implementation of the "Infection prevention and control of Acute Respiratory Diseases (ARDS) in home and community" training activities in Korea and oversee the implementation of selected countries (Bahrain, Jordan, Egypt, China, Hong Kong, Thailand and Chiang Mai). The responsibilities included training of trainers in ARDs in Korea and developing a homepage to disseminate the information on infection control of ARDs and ARDs of potential concern in languages of participating countries. A series of training sessions were provided for health care workers in community settings and a homepage <http://flucommunitycare.org> was established.

5. Collaboration with other WHO Collaborating Centres

A. Undergraduate students exchange with St. Luke's College of Nursing in Japan (WPRO); Emory University (AMRO) and Johns Hopkins University (AMRO) in the USA which promote students understanding on nursing and health care system of other countries

B. Faculty research collaborating with University of Pennsylvania: participating in a multinational study on nursing outcome and work environment

C. MOU with University of Alberta (Canada) on faculty and student exchange and research collaboration on 'quality of life of elderly in a community'

D. Dean of College of Nursing at Payap University in Thailand (Dr. Prathana Langkapint) spent 3 months at Yonsei University to participate in a mentorship program for a deanship which was funded by CMB

E. Short term (3 months) faculty training for Mr. Sek Sophone (Cambodia) and Ms. Gankhuyang Gochoosuren (Mongolia)

F. Short term lecture programs in nursing courses for Life University in Cambodia and University of Ulanbaator in Mongolia

6. Provide training programs to build capacity of health care workers in evidence based practice: as a collaborating center of Joanna Briggs Institute (JBI), faculty and nurses participated in fellowship programs for evidence based clinical leadership held in Adelaide, Australia

The Honor Society of Nursing, Sigma Theta Tau International awarded NGO affiliation from the United Nations

Designation solidifies STTI's commitment to U.N.'s mission

The Honor Society of Nursing, Sigma Theta Tau International (STTI) is a nonprofit organization whose mission is to support the learning, knowledge, and professional development of nurses committed to making a difference in health worldwide. Founded in 1922, the STTI has inducted more than 400,000 members in 86 countries. Members include practicing nurses, instructors, researchers, policymakers, entrepreneurs and others. The honor society's 469 chapters are located at 586 institutions of higher education throughout Australia, Botswana, Brazil, Canada, Colombia, Ghana, Hong Kong, Japan, Kenya, Malawi, Mexico, The Netherlands, Pakistan, Singapore, South Africa, South Korea, Swaziland, Sweden, Taiwan, Tanzania, the United States and Wales.

The Honor Society of Nursing, Sigma Theta Tau International (STTI) has been approved as an associated non-governmental organization (NGO) by the Department of Public Information of the United Nations. This U.N. association demonstrates STTI's commitment to the Charter of the U.N., which seeks to achieve international cooperation toward solving humanitarian and health issues.

Through this affiliation STTI will continue to conduct outreach around the world to help their nurse members better understand the work and aims of the United Nations, including the Millennium Development Goals set to be achieved by 2015. These goals, which include improving maternal and child health and combating HIV/AIDS, lay the foundation for improving world health.

"Sigma Theta Tau was formed on the basis of a commitment to improving global health, and the United Nations very much echoes this sentiment. Our members can anticipate seeing and hearing more about the goals of the U.N.," says STTI president Karen H. Morin, RN, DSN, ANEF. "We will work hard to make our members aware of the fantastic resources the United Nations offers."

With this designation, STTI receives three U.N. ground passes that allow the selected STTI representatives to access United Nations facilities and to attend open meetings and NGO briefings.

Global Network & WHO Collaborating Centres

Events

Global Network

of WHO Collaborating Centres for Nursing & Midwifery Development

2010, July Events

July 25th and 26th
Executive Committee Meeting



July 27th and 28th
General Meeting



July 28th - 30th
VIII Conference of the Global Network
Primary Health Care: Many Perspectives, One Goal



www.primarycareconference.com

ICN CONFERENCE AND CNR

2-8 May 2011 Malta

NURSES DRIVING ACCESS, QUALITY AND HEALTH

This ICN International Conference will present strong evidence demonstrating how nurses, as key members of the health services team, promote and contribute to quality and accessible health care. The Conference will provide opportunities to disseminate nursing knowledge and leadership across specialities, cultures and countries. The three ICN pillars – Professional practice, Regulation and Socio-economic Welfare – will frame the scientific programme and the dynamic exchange of experiences and expertise.

The main objectives of the Conference are:

- * To advance and improve the coverage and quality of health services
- * To demonstrate the nursing contribution to the health of individuals, families and communities
- * To provide opportunities for an in-depth exchange of experience and expertise within and beyond the international nursing community.

ICN Networks

All ICN Networks will hold 90 minute sessions, focusing on their specific areas of interest. Updates on the programme for these sessions will be available on the Conference website and through a series of media announcements. Areas of particular interest include:

- Disaster Response Network
- HIV/AIDS Network
- Leadership for Change Network
- Nurse Practitioner/Advanced Practice Nursing Network
- Nursing Education Network
- Regulation Network
- Remote and Rural Nursing Network
- Research Network
- Socio-economic Welfare Network
- Student Nurse Network
- Telenursing Network

www.icn2011.ch

The Global Network of WHO Collaborating Centres for Nursing and Midwifery Development congratulates all nurses for the International Year of the Nurse!



We recognize the contributions our work plays globally for the promotion of people's health.
May we continue working together to help achieving this goal!

The Global Network will hold an act:
2010 International Year of the Nurse: a year to remember!
on July 29th at 6:00pm, during its VIII Conference, Primary Health Care: Many Perspectives, one Goal, to
highlight nurses' role to global health.

www.primarycareconference.com
www.eerp.usp.br/globalnet



Don't Forget:

Send us your contribution for the December edition by October 12th 2010

GUIDELINES

- *texts should be limited to 7000 characters (including spaces);
- *photos should be as follows:
JPG, PNG or TIF format and high resolution;
- *legends for the pictures are most welcomed;

globalnet@usp.br

Contact Details

Global Network of WHO Collaborating Centres for Nursing & Midwifery Development

Isabel Amélia Costa Mendes
Secretary General

Carla A. Arena Ventura
Executive Coordinator

University of São Paulo at Ribeirão Preto College of Nursing - WHO Collaborating Centre for Nursing Research Development
Avenida Bandeirantes, 3900 - Ribeirão Preto SP - CEP: 14040-902 - BRAZIL
Phone: (55) 16 3602-3393 | E-mail: globalnet@usp.br | Website: www.eerp.usp.br/globalnet

