



Disaster Nursing Global Leader Degree Program

NEWS LETTER

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“The Disaster Nursing Global Leader Degree Program (DNGL)” is the first collaborative graduate school comprised of five national, public, and private Japanese graduate schools.



It has been predicted that in the near future, an enormous major earthquake could potentially occur in the Southern Sea Trough. Moreover, there is an urgent need for measures to handle not only natural disasters, but also unprecedented risks from terrorism and new strains of influenza. In order to meet this urgent need, innovative human resource training that prepares the learner to be proficient in the international and interdisciplinary realms is essential. Therefore, the five national, public and private graduate schools that have been a driving force in the progression of disaster nursing science are working together as one. These graduate schools are University of Kochi, University of Hyogo, Tokyo Medical and Dental University, Chiba University, and Japanese Red Cross College of Nursing. This program will have the shared idea of a human security guarantee. It will share the resources that each of these educational institutions have accumulated, and it will accurately deal with and solve the many challenges related to disaster nursing, for which Japan and the world are seeking solutions. Moreover, this program will demonstrate international and interdisciplinary leadership as it works towards the creation of “global leaders in disaster nursing” who safely, securely and independently contribute to the construction of a healthy human society.



I would like to ask everyone to give that everyone give even further understanding and support to this program's disaster nursing educational and research activities.

NEWS1 The Report on the Establishment of “Joint Disaster Nursing Doctoral Program” was accepted.



In preparation for the inauguration of Disaster Nursing Global Leader Program in April of 2014, the five national, public and private universities (University of Kochi, University of Hyogo, Chiba University and Tokyo Medical and Dental University and Japanese Red Cross College of Nursing) persuaded the Ministry of Education, Culture, Sports, Science, and Technology with a report on the creation of the Joint Disaster Nursing Doctoral Program which was accepted.





Preparing Highly Competent Disaster Nurses

For five years in the program, students will continuously be given practice opportunities especially in the first 2 years. For instance, students will participate in all phases of joint researches with regional hospitals on health status and support for long-term from disaster evacuees. In addition, program participants are expected to gain leadership skills after completing regional disaster prevention programs in a joint effort with other related organizations (local government, hospitals, schools, businesses, and civic groups. Practicum will be carried out by cooperating practicum leaders, mentor, and preceptors.

Instilling Educational Capacity (Competency)

For first, second and third years students customized tutorials based on individual level of experiences will be given so that students will be able to continue to develop learning capacity.

Council on Education and Research Internship System

Multi-industrial, multi-disciplinary exchange: To foster the leadership skills, the Center will function as the principle unit in providing students with opportunities for domestic and international exchange to acquire interdisciplinary perspectives.

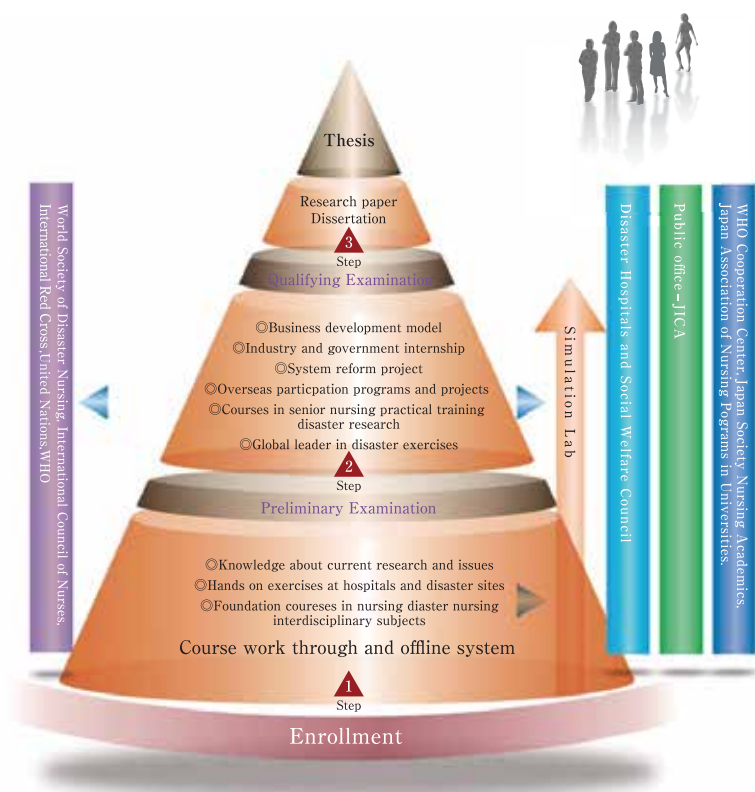
Internship - Practical Planning and Skill Development

From the third to fifth year students will participate in joint research programs with industry and government, internship programs, and Research Assistant (RA) programs. These programs are designed to enhance practical research skills.

Instructors and special appointed professors from industry, government, and research centers will be guiding and mentoring these students.

At this stage, students will learn about unprecedented nursing educational contents, social appeal and application of appeal, and public relations skills.

In addition, course such as Disaster Nursing Global Coordination Theory and Disaster Nursing Leadership Theory offer assertive lectures, training and practicum.



Expected Ability and Envisioned Outcome of the Program

Step1 Provide a healthy environment for disaster victims and survivors to ensure human security in times of disasters.

Step2 Submit policy proposals to ensure “healthy living” in all phases of the disaster cycle

Step3 Propose a plan for reforming the existing system; design a safe and secure society; expert Disaster Nursing Global Leaders.

Towards the Development of Participatory Lecture Model



This program is a collaborative educational course organized by 5 universities that are independent; so, daily lectures cannot be held in a one building. Of course, there are training meetings where students assemble on campus for drills, but the daily lectures are primarily carried out as remote classes that use the information network. Using current network technologies, even if classmates and the teaching staff are physically separated, they can be brought close together virtually, and lectures can be conducted in a virtual classroom. It is possible to virtually implement a typical graduate school class environment. However, although discussions are carried out, is it enough to just participate? This program has come to a point of answering that question. For remote classes (which have a tendency to become the type where participation is done simply by attending), it is not enough to just participate. Rather, remote classes are being turned around, and through trial and error the first steps are being taken towards the development of a system where people can take part in the planning.



Remote Classes themselves are simulations of Emergency Meeting in Time of Disaster



Once a disaster occurs, the related officials are convened, and countermeasures are discussed based on the information that has been collected. However, the larger the disaster is, the more difficult it is to collect the necessary information and get together in one building. Great damage from disasters has been predicted, but the proper use of new IT technologies has made it possible to guarantee a more speedy collection of information and a setting for discussions. This setting could be gathering together in one room, but it is not limited to gathering in one physical location. The daily classes in this program have this type of format, and depending on the subject content the classes can be simulations of discussions and decision making based on informational analysis and collection when a disaster strikes.

Implementing Efficient and Effective Remote Classes



It is believed that the implementation of an efficient and effective remote class requires three necessary conditions. The first is a basic policy of a remote class to implement efficient learning. The second is the TV conference system that creates a virtual classroom and ties the five separate universities together. The final requisite condition is a Learning Management System (LMS) that manages the students and teaching materials, as well as the students' state of learning progress. The basic policy is implementation of an effective class through a model that allows students to be able to take part in planning, which is dependent on how the class is designed. In this program, presentations based on the preliminary topics based on the lectures and the submission of reports that handle the discussions in class and lectures as well as the preliminary topic are considered as important. Furthermore, the reports are not only to assign grades; there are time block reports to establish the academic content from each time block. Several of the time blocks are put into a group, and there is a report that corresponds to that content. There is also a course final report. The reports have been devised so as to ensure that the academic content is acquired for each person. Managing them is implemented by the LMS.

NEWS2 South Wales University Summer Training Session Participation Report – Survival skills and internationality obtained in the Finland Forest – Dr. Tomoko Komagata, Assistant Professor, Graduate School of Nursing, Chiba University



The South Wales University (Great Britain) Disaster Healthcare course (an online master's course) implements a summer training session each year in Finland or the UK. It is approximately two weeks long. The participants take lectures, get research guidance and go through a field simulation of a disaster that is done by participants' level of proficiency. This course aims to cultivate health care specialists for periods of disaster. In particular, it is focusing on internationality and activities done in different cultures, and thus, its purpose is to investigate the possibility of cooperation with HAMK University of Applied Science and South Wales University, including participation in the training of DNGL students. The teaching staff from Chiba and Kochi universities participated in the 2013 summer training session held in a forest in the outskirts of Hämeenlinna, Finland. For the first week, the first year students do a survival camp in the open air while the second and third year students draft and implement a plan to establish a shelter and clinic in accordance with the disaster scenario. There are approximately 10 students in each year level. The students, who are of many different nationalities and have many different professions (nurses, emergency responders, pharmacists, social workers, etc.), cooperate while learning skills and activities to literally survive under the harsh environment that models a disaster. The camp students have repeated discussions until late in the night and manage to implement the establishment of a shelter that is extremely realistic and fruitful. The second week is comprised of a review of the activities implemented at camp, lectures and individual research guidance. Preparations are currently underway so that DNGL students can participate in the 2014 summer training session. The hope is that support will be given so that students will not stop at learning healthcare for disaster situations, but will also become familiar with the international environment and acquire opportunities to create colleagues with similar aims.



NEWS3 Internship Report – Democratic Republic of the Congo Dr. Ngatu Nlandu Roger, DNGL Assistant Professor, University of Kochi Mr. Kei Tanaka, Student, Graduate School of Nursing



I participated in a one-week overseas trial internship in the Democratic Republic of the Congo where nursing issues such as health disparities between nations and regions and the intensification of gravity of disasters and infectious diseases manifest themselves, as part of the DNGL Program that aims to train nurses who have global perspectives. The internship provided valuable opportunities to participate in a conference of Association of Former Students of the Faculty of Medicine at the University of Kinshasa (AFMED), a visit to the JICA Democratic Republic of the Congo Office, a visit to the University of Kinshasa (where I took part in a workshop), and a visit to a private hospital. It also offered me the chance to exchange opinions with local doctors and nurses. In addition, the internship was an extremely fruitful experience in many other ways as it enabled me to investigate possible training agendas for the Republic of the Congo, highlighted key points for consideration when one is conducting training in conflict regions or cross culturally, and illustrated the need for health crisis management.



DNGL International Seminar on “Ethical Issues of Disaster Nursing: Ethics Knowledge and Practice for Nurses in Times of Disaster”



The first DNGL International Seminar was held on Friday, June 14, 2013 at Marunouchi Hall (Chiyoda ward, Tokyo). The theme of the seminar was “Ethical Issues of Disaster Nursing: Ethics Knowledge and Practice for Nurses in Times of Disasters.” In the first lecture, entitled “Disaster Ethics,” Dr. Anne Davis, Professor Emerita at the University of California, San Francisco, addressed basic ethical principles for disaster nursing and the ethical responsibilities of nurses. In the second lecture entitled “Ethical Challenges in Disaster Nursing,” Dr. Samantha Pang from the Hong Kong Polytechnic University discussed a number of cases involving ethical dilemmas and decision making during disasters, based on her experience of the 2003 Hong Kong SARS outbreak. After these lectures, the seminar concluded in a lively atmosphere with a question-and-answer session led by the host Dr. Noriko Katada, Dean of the College of Nursing Art and Science, University of Hyogo.



DNGL International Seminar on “What a Global Leader To Be?”



The second DNGL International Seminar was held on Sunday, November 24, 2013 at Awaji Yumebutai International Conference Center. The seminar featured global leaders operating at the forefront of disaster nursing and addressed the theme “What a Global Leader To Be?” Among the guest speakers was Dr. Miriam Hirschfeld, who was WHO’s Chief Scientist for Nursing from 1989 to 1997 before becoming the first nurse to be appointed as Director of the WHO Department of Human Resources for Health. Dr. Hirschfeld has been addressing a wide range of health issues throughout the world. Also presenting was Dr. Judith Oulton, Chief Executive Officer of the International Council of Nurses from 1995 to 2008, who has offered guidance to nursing associations in more than 130 countries. The two speakers discussed the characteristics of a global leader in disaster nursing and the ideal state of global cooperation and international aid. Then, Dr. Hiroko Minami, President of DNGL’s host university, the University of Kochi, joined them for a three-way discussion on the career paths available to nurses on the international stage and the capabilities required for those wishing to pursue these paths. The seminar offered stimulating insights for participants aiming to become global leaders in disaster nursing.



Dr. Miriam Hirschfeld
(Former Chief Scientist
for Nursing, WHO)



Dr. Judith Oulton
(Former CEO, ICN)



Dr. Hiroko Minami
(President, University
of Kochi)



The Acquisition of Experiential Knowledge is Indispensable for the Cultivation of the Ability to do Practical Disaster Nursing Tasks

Aiko Yamamoto RN, RNW, Ph.D.

Executive Director, Research Institute of Nursing Care for People and Community, University of Hyogo

This program will provide a simulated environment that assumes many damaging conditions (like natural disasters, outbreaks of infectious diseases and hazardous chemical products). The targeted phases of disasters assumed for these are the acute phase, mid-phase, and preparation phases. The scope of who is involved assumes individual victims, groups, and regions. The teaching staffs of the DNGL 5 universities are working together with simulation specialists to create the educational contents, based on the experiences of disaster nursing activities that have happened up to this point. By making free use of computer simulation equipment and techniques that are practically used (things like patient simulators, academic simulators, and databases that have compiled information about the conditions of damage), simulated environments are actualized. Furthermore, these environments are shared between the universities taking part in this program via the remote class system. The University of Hyogo is being used as the disaster nursing simulation laboratory center and is responsible for the smooth operation of all of these simulation programs. Won't you join us in learning through simulation teaching materials as we work together to challenge disasters?



Working Towards the Establishment of a Role of a Nursing GL Whose Aim is Large-scale Disaster Prevention and Reduction

Yoshiko Sasaki RN, Ph.D.

Professor, Graduate School of Health Care Sciences, Tokyo Medical and Dental University

The power of relief and medical treatment activities during the acute phase of a disaster can be demonstrated to its fullest precisely because a system has been outfitted during normal times. Tokyo Medical and Dental University is working in cooperation with the administration, the associated hospital (the disaster base hospital) and the small-scale medical facilities. It has started taking research initiatives aimed at the construction of global leadership roles in nursing for handling operations and creating systems. This university has also made plans for a cooperative model that aims to strengthen individual facilities ability to respond by effectively utilizing medical resources during times when large-scale disasters strike. It is expected that enthusiastic graduate students will take part in this plan.



Learning Disaster Prevention/ Reduction and Assistance in Domestic and Overseas for victims in the field!

Mie Naiki RN, MSc.

The disaster is caused without expecting, however, a variety of great disaster has happened all over the world.

By the East Japan Great Earthquake, many talented people and supplies were spent, but are hard to say that appropriate and effective health care was offered to meet the needs of the people affected. It is necessary to incorporate a viewpoint of more public health in disaster support. Well-coordinated and effective disaster management with collaboration amongst organizations, agencies and health related professionals was also required for the people's needs. We should learn the most from the current and past experiences of the disasters for the future to reduce its influences and protect people's life (lives) threatened by a crisis of the health.





Getting Close to People's Daily Lives and Training Strong and Reliable Leaders

Tomoko Komagata RN, Ph.D.

Assistant Professor Graduate School of Nursing, Chiba University

It will soon be three years since the Great East Japan Earthquake, but the suffering of the victims of this disaster is still ongoing. Chiba University is working to cultivate global disaster nursing leaders who can actively participate in "giving assistance so people can return to their daily lives" in the mid-phase after the disaster. To do this, efforts have been made to concentrate abundant educational resources from universities and to reserve energy for the practice, education and research that are driving forces in higher nursing science education.



Taking applications for submissions!!



There are things that threaten people's health and lives like the natural disasters that strike all over the world, things like disputes, terrorism, and outbreaks of diseases. There is also the trend for disasters to become longer and larger in scale.

The nursing profession has taken extensive actions during disasters and after these disasters have struck and people are moving towards recovery. These actions target communities, groups, families and individuals of all ages. However, up until now there has not been an international magazine for disaster nursing, and there is a rush to outfit a body of knowledge.

Therefore, the world's first international disaster nursing science magazine, Health Emergency and Disaster Nursing (HEDN), has been started to accumulate disaster knowledge and send it to the world.

HEDN is a journal that is based on having an online presence.

There is no submission or publishing fee.

This journal concentrates on disaster nursing knowledge, and is accepting submissions of manuscripts by people who are working hard in various settings (like teaching staff, researchers, clinic staff, students and activists) in order to transmit information in real time.

The area for submissions is fairly broad, and activity reports, dissertations, comments, book reviews and pictures from original works (qualitative, quantitative, historical research, case studies, literature reviews, etc.) are being sought after. Articles will be published after a basic peer review. Moreover, content must be approved by the editorial committee before being published, so we kindly ask for your understanding of this process.

● HEDN is administered as a part of the Disaster Nursing Global Leader (DNGL) training program. We are waiting for your submissions.

http://hedn.jp

● Please direct inquires to HEDN editing office

email: hedn-editorial@primeassociates.jp