

Collaborating Centres ANNUAL REPORT

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Name of the University, Hospital, Research Institute, Academy or Ministry

Pontificia Universidad Católica de Chile

Name of the Division, Department, Unit, Section or Area

Escuela de Enfermería, Facultad de Medicina, Pontificia Universidad Católica

City Santiago **Reference Number** CHI-19

Title WHO Collaborating Centre for Health Services and Nursing Development for Non communicable Disease Care

Report Year 04-2016 to 04-2017

TERMS OF REFERENCE

TOR 1	To collaborate with PAHO/WHO in ensuring that schools of nursing prepare a competent nursing workforce able to provide effective care to persons living with chronic conditions.
TOR 2	To collaborate with PAHO/ WHO in the generation and dissemination of evidence based research related to chronic disease prevention and management.
TOR 3	To collaborate with PAHO/WHO to develop the skills of community health care force and family caregivers to support persons living with chronic conditions

1. Please briefly describe the progress made in the implementation of your agreed workplan as WHO collaborating center during the past 12 months (or the reporting period listed above). Please report on how each workplan activity was implemented, if any outputs have been delivered, if any results have been achieved and if any difficulties have been encountered during this time. If an activity has previously been completed, has not started yet, or been placed on hold, please indicate this.

Activity 1

Title: Strengthen self-management support as a key component of chronic disease prevention and management in nursing education programs in selected Latin American countries.

Description: This activity will consider the following components:

1. As requested by PAHO/WHO, to develop a toolkit to facilitate the process of incorporating chronic disease prevention and management as a core competency in the nursing undergraduate curriculum. This will be first piloted and evaluated at the School of Nursing at Pontificia Universidad Católica de Chile (PUC) (2016-2017).
2. Collaborate with nursing schools in Latin America and the Caribbean countries, in the use of the toolkit.



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Progress in the toolkit development:

1. FONDEDOC project implementation: To evaluate the integration of chronic care framework in the nursing curriculum.
 - To revise current nursing undergraduate curriculum regarding chronic health care.
 - The Assessing Chronic Illness Care Education (ACIC-E) tool: adapted and translated version available to be applied in appropriate clinical fields.
 - Proposal for new course about clinical competence in chronic care (proposal currently being prepared).
2. To update the School's undergraduate profile to aim for a clinically oriented general nurse, with emphasis on chronic care self-management support.
 - Definition of clinical competences
 - Definition of indicators of achievement.
 - Definition of integrative milestones
 - Creation/design of key courses throughout the undergraduate program.
 - Creation/design of postgraduate articulation.

In the new curriculum, at the end of the program, students will be able to provide comprehensive and holistic care, based on scientific and humanist knowledge of the discipline and other sciences, to individuals, families and communities, in different levels of care applying the nursing process, with a family and community-oriented approach, through the vital cycle. Also, it focalizes on the implementation of nursing care plans for individuals, families and communities with chronic health care issues.

Development of the interdisciplinary unit "Introduction to the Model of Health Care for Patients with Chronic Diseases", aimed for first year nursing and medicine students, 3 sessions of 5 hours each. In 2016, the unit reached to an audience of 136 students.

Activity 2

Title: To train advanced practice nurses with emphasis in Primary Health Care and in chronic disease prevention and management.

Description: To offer an educational program with the collaboration of the others PAHO/WHO CC from the United States and Canada with expertise in this area. The program will be available in 2017 and will be open to Chilean nurses and other nurses who have a valid nursing license for Chile.

Progress in the implementation of the Advanced Practice Nurses program.

- The School of Nursing was incorporated to the EPA-Chile network, coordinated by the Universidad de Los Andes. Attendance to Symposium "Advanced practice nurses as a strategy to achieve Access and Universal Health Care Coverage" on April, 2017.
- Participation in the translation in the Webinar series, developed by the PAHO/WHO about advanced practice nursing.
- Participation in the "Centre for Clinical Innovation" project (along with PAHO/WHO CC), aiming to set up a chronic care model in high risk of hospitalization patients, developed by the Faculty of Medicine at Pontificia Universidad Católica de Chile, South East Metropolitan Health Service, Puente Alto Health Corporation and La Pintana Health Department. As CC team, training activities have been developed for health care professionals and continuing education for nurses in charge of the pilot intervention. The future Centre for Clinical Innovation will incorporate the advanced practice in nursing.

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Activity 3

Title: To propose the implementation of a doctoral program in nursing (PhD or DNP) open to Latin American nurses.

Description: For this activity we will explore obtaining technical support from the PAHO/WHO CC at University of Sao Paulo and University of Miami. A feasibility study will be led by the PAHO/WHO CC and a Doctoral program curriculum (PhD or Doctor in Nursing Practice-DNP), will be proposed by the School of Nursing. Fluid communication will be established with PAHO/WHO to share advances and difficulties in the establishment of the program in this designation period.

Progress in the implementation of a doctoral program in nursing:

A commission was created and here have been communications with PAHO/WHO collaboration centers, three Brazilian universities and some other American universities, to assess the possibility of working together in this program.

Activity 4

Title: Organize a think tank to discuss the value and limitations of a DNP versus a PhD in Nursing for the Latin American health context.

Description: Meeting with Latin American nurses to discuss the impact of PhD and DNP programs and to assess possibilities of partnerships. PAHO/WHO will be involved in the organization of the event.

Discussions have taken place with Universities in Brasil and with Chilean nursing organizations. During 2017, this will take place.

Activity 5

Title: To collaborate with PAHO/WHO in the development and dissemination of the PAHO/WHO nursing agenda,

Description: This activity considers that the CC will generate and disseminate evidence related to chronic care in primary health care settings. For doing so, the CC will disseminate research results, clinical and training experiences through publications and presentations.

- Videoconferences "Nursing Care in the Comorbidities of the Elderly" by Dr. Solange Campos, directed to referents of the National Senior Adult Program of health services, Primary Health Care (APS) and Hospitals. Invitation from the Undersecretariat of Public Health, Ministry of Health. Available online http://web.minsal.cl/adultomayor_videoconferencias/
- Symposium "Health care of individuals with advanced chronic disease and the family: a challenge for nursing", organized by the Pontificia Universidad Javeriana. Dr. Solange Campos was invited to hold two conferences: November, 2016.
 - Worker-family caregiver support program: emerging social phenomenon.
 - Needs of socio-sanitary care of non-institutionalized dependent elderly people: the perception of the family caregiver.
- Conference "Why Self-Management in Health Care?" by Dr. Kate Lorig (Stanford School of Medicine, Director of the Stanford Patient Education Research Centre), the event had more than 100 attendees. March, 2016
- Publication of chapter "Motivational Interview" in PAHO's "Self-management in Chronic Conditions of Health" document. Authors: Solange Campos and Mila Urrutia.
- Presentation "Design and Methods to Evaluate a Literacy Tailored Self-Management Intervention for People with Type 2 Diabetes in Santiago de Chile" at the 8th Annual Health Literacy Research Conference., Bethesda, Maryland, USA. October, 2016.

Activity 6

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Title: Organize two international meetings on the role of nursing in chronic care focused on education, practice and research.

Description: Two meetings will be organized in Chile to expand the work of nurses in chronic care. PAHO will co-organize the meetings.

Progress in two international meetings on the role of nursing in chronic care:

- Co-organization of the Seminar "Chronic Non-communicable Diseases in the Americas: Integrated Management and Patient-Centred Care" Organized by PAHO/Chile and PAHO/Washington. September 13-15, 2016, in Santiago, Chile.
 - Ilta Lange, chair moderator "Human resources and chronic care".
 - Claudia Alcayaga "Experience of the PUC
 - Claudia Bustamante "Emerging Roles for Nursing Care of Patients with Non-communicable Diseases".

Activity 7

Title: Develop continuing education courses on chronic care for nurses and other health professionals.

Description: Design and implement a course on chronic care for Spanish speaking nurses and other health care professionals to be offered online. PAHO/WHO will be asked to provide feedback to the program and the virtual campus will be explored for delivery.

Progress in two new offers designed to increase the probability of reaching people outside the national scope:

- MOOC (Massive Open On line Course). The academic unit has provided funding to develop the first MOOC of the School of Nursing, "Primary Health Care: The Challenge of Non communicable Diseases". It will be available from July 2017 on the Coursera platform. The course addresses the core elements of a model of health care for people with no communicable diseases, based on a conceptual framework and strategies applied from primary health care; as well as from working with patients' families.
- Development of the diploma "Fundamentals for the management of a model of chronic care", B-learning mode. It will begin on August 23, 2017. The diploma discusses the elements of Wagner's Chronic Care Model and presents tools for its implementation.

Activity 8

Title: Develop ad hoc courses on self-management support in the context of the chronic care model, for nurse assistants and informal caregivers

Description: Design and implementation of self-management support courses for nurse assistants and informal caregivers (family caregivers, volunteers) of people living with chronic conditions. Collaboration with experts from Universidad Nacional de Colombia will be established. PAHO will be asked to provide feedback to the program.

Progress in the developing of new courses:

- Family Caregivers Program UC, 15 sessions, 15 people participated.
- Training Program "Primary Caregiver", 4 sessions, to start in July 2017.



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2. Please briefly describe your collaboration with WHO in regards to the activities of the WHO collaborating center during the past 12 months (e.g. means of communication, frequency of contact, visits to or from WHO). Please feel free to mention any difficulties encountered (if any) and to provide suggestions for increased or improved communication (if applicable).

Collaboration activities / contact with OPS-Chile

- Internship: Undergraduate student María José Baeza at OPS-Chile, in June 22 to September 1st of 2016.
- Visit to the School of Nursing by Dr. Silvia Cassiani, in charge of the development of nursing Human Resources for PAHO, Washington, on April 2017.

3. Please briefly describe any interactions or collaborations with other WHO collaborating centers in the context of the implementation of the above activities (if any). If you are part of a network of WHO collaborating centers, please also mention the name of the network, and describe any involvement in the network during the last 12 months.

- Organization of course and workshop "Chronic diseases, family and caregiver", for an audience of 120 people. Head organizer Chilean Leagues against Epilepsy, on September 2, Santiago, Chile.
- Participation in the "Meeting of the National Association of Chilean Leagues Against Epilepsy (ANLICHE)", on April 15 and 16 in La Serena, Chile, where two academics of our School had their own presentations:
 - "Self-care and caregivers: The challenge of self-management of a chronic condition" (Claudia Bustamante).
 - "Caregivers and their gender: Care of the family caregiver: day to day task" (Claudia Alcayaga).
- Participation in the "Encounter of parents and relatives of children with epilepsy", presentation "Self-management in epilepsy" (Claudia Alcayaga and Claudia Bustamante), on September 3, 2016.

Please briefly describe any type of technical, programmatic, advisory or other support received from WHO during the past 12 months for the implementation of the agreed activities listed above (if any).

We have received the support of WHO/PAHO in socializing the advance nurse practitioner role in Chile.