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## Accelerating Master and PhD level nursing education development in the higher education system in Kazakhstan

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Nursing student during their graduation from 2021

**WE ARE FOR THE DEVELOPMENT OF NURSING  
EDUCATION IN KAZAKHSTAN!**

**April 2022**

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## Welcoming



Dear reader! We thank you for your interest in our AccelEd project aimed at developing Nursing science in Kazakhstan. The main goals of the project are further development and strengthening of nursing scientific progress, improvement of nursing education through cooperation. The professional development of nurses requires a clearly defined role for the nurse.

*Sincerely,  
AccelEd team*

## Current Project Results

In this issue, you will get acquainted with the results of the training courses that have already passed, as well as with the schedule of upcoming events where you can also take part.

- ✚ Training course for academic staff and PhD students “The substance and theory development of nursing-caring”. Publication of articles.
- ✚ Nursing research methodology course.
- ✚ JBI Comprehensive Systematic Review Training Program
- ✚ Master class on “Benchmarking of best international practices in management of nursing faculties, collaboration in organizing PhD education”.
- ✚ Service design at the Medical Universities in Kazakhstan

## Course for Academic Staff and PhD Students “The Substance and Theory Development of Nursing-Caring”

The training course consisted of two parts, the first part was held on 21-23.06.2021. The second part - 20-21.09.2021.

**Goal:** The aim of the course is to learn to understand and critically evaluate the modern nursing and caring science theories, have an ability to teach theories to nursing science students and know how to apply current nursing science theories into different clinical fields.

**To achieve this, the course focused on the following sections:**

1. development of modern care theories (different paradigms),
2. different types of nursing theories (general, middle and practice-oriented theories),
3. critical evaluation of theories, pedagogy of teaching the theories of care and care for the sick,
4. Introduction of theories into clinical nursing practice and healthcare.

**Outcomes:** 23 participants approved the course, receiving 3, 5 or 10 ECTS depending on their activity during the course. According to the participants, their knowledge of the substance and theory development of nursing and caring increased during the course; from baseline mean 3.8, to 6.8 at the end of part 1, and 7.2 at the end of the whole course (scale 0-10). They had increased the understanding and knowledge about the nursing and caring theories, and they stated that they want to learn more about them. Participants stressed the need for the continued use of nursing theories and the importance of nursing theory in research.

According to the results of the training course "Content and development of the theory of nursing care", the independent works of the participants were selected for publication in the 4th issue of the journal «Astana Medicine journal». Authors: A.Kuntuganova, A.Doskeldinova, H.Vaartio-Rajalin. Title of the article «**The middle level theory of King on achievement of the goal - real opportunities for nursing business**».

For publication in the section «CNE: Blog Leaders of Nursing Business» <https://nursekz.com/blog-nursingleadership2/>. Authors: O. Zorina, Y. Korzhin, H. Vaartio-Rajalin. Title of the article «**Katie Eriksson's theory of caritative caring**».

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## **Nursing Research Methodology Course**

The course on the methodology of qualitative research in the field of nursing for masters and doctoral students of medical universities of the Republic of Kazakhstan with three specific tasks, which are successfully promoted.

The first task was completed in March-April 2021, Kazakhstan partners provided information on current opportunities in their universities, then the results were summarized and presented at the first seminar in May 2021 in cooperation with European experts. During the seminar on 24-25 May, planning was carried out for the development of the course "Best quality practices in nursing" and distribution of work assignments was started. Then, on 7 September 2021, a meeting was held to discuss the preparation of the topics identified by the partners for the development of the course "Best Quality Practices in Nursing".

The developed Learning Material will be used during the master class on RP 2.2 in Shymkent in June 2022.

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## **JBI Comprehensive Systematic Review Training Program**

The training «JBI Comprehensive Systematic Review Training Program» (University of Adelaide) gave participants the opportunity to learn how to conduct reliable systematic reviews of various types of evidence, to provide the most conclusive evidence for health decision-making or clinical advice.

The training consisted of 3 modules and preparation of the protocol:

Module 1: Introduction to evident health care and systematic review of evidence, 14.4.2021

Module 2: Systematic review of quantitative evidence, 28.4.2021 and 5.5.2021

Preparation of protocol for systematic review: 6.4-1.6.2021

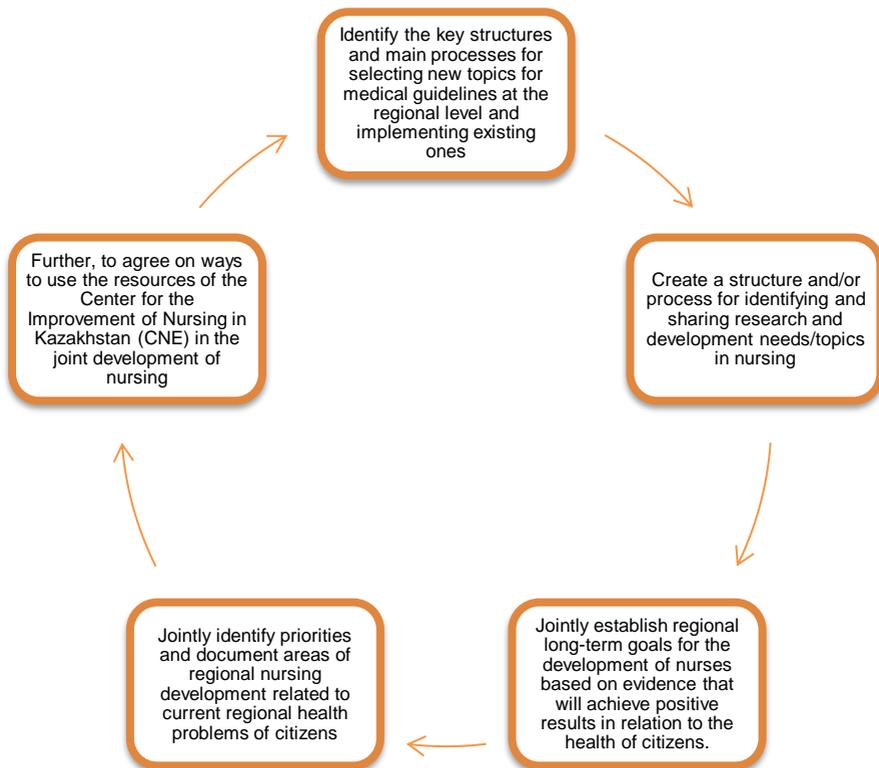
Module 3: Systematic review of evidence from qualitative research, narrative and text: 2.6.2021 and 9.6.2021

Total number of participants: 31

Based on the activities carried out at the first stage of the project, a report with recommendations was prepared by the Karaganda Medical University and the JAMK University of Applied Sciences "Report on recommendations for the development of structures and processes of cooperation between universities

and healthcare institutions" and it was sent in November 2021 to the Ministry of Health for further action.

Recommendations for the development of cooperation in the field of nursing between medical universities and healthcare institutions:



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### **Master Class “Benchmarking of the Best International Practices in Management of Nursing Faculties, Collaboration in Organizing PhD Education”**

The five days Master class on «Benchmarking of the best international practices in the management of nursing faculties, in cooperation and organization of PhD educational programs, and evaluation of master's and PhD dissertations" was held online in May 2021. A survey was conducted among partners on the international practices in the management of Nursing

Science Faculties. During the Masterclass partners and stakeholders met and discussed and worked on recommendations (Figure 1).

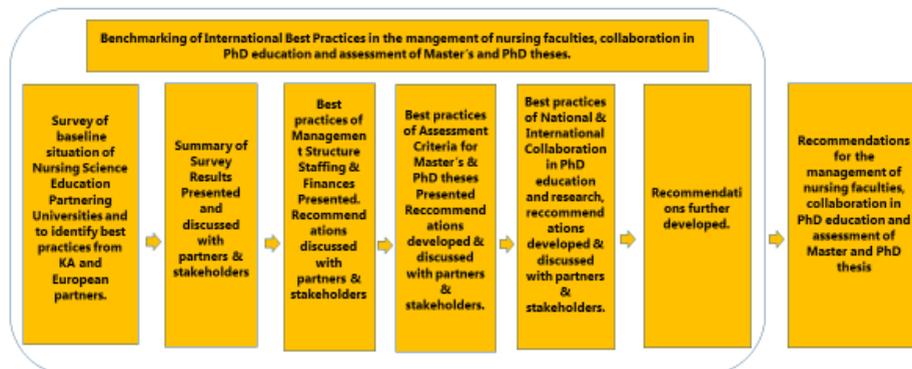


Figure 1 Method of Benchmarking of International Best Practices in the management of Nursing Faculties.

A total of 12 recommendations were developed that focus on the three following areas:

Part 1. Management structure, finance, staffing and students (5 recommendations);

Part 2. Procedures and criteria for the evaluation of Master's and Doctoral theses (4 recommendations);

Part 3. National cooperation in doctoral studies, (international) cooperation in grant funding/research (3 recommendations).

A final Report on Best Practices of management of Master and PhD Education in Nursing focusing on the method, development, execution of the Masterclass as well as the 12 recommendations was established. The recommendations focus on important reforms which are needed to strengthen the quality of Master and PhD nursing education to secure the further development of nursing science in Kazakhstan.

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## Service Design at the Medical Universities in Kazakhstan

A master class on "Service design approach in the development of nursing services" was held in Karaganda during December 6 – 10. During the master class, representatives from medical universities and practical healthcare learned to use the service design approach in their work.

Currently, five medical universities in Kazakhstan (Karaganda Medical University, Astana Medical University, Nazarbayev University School of Medicine, South Kazakhstan Medical Academy, and Kazakh National Medical University) are implementing service design projects. The projects are aimed at improving the services provided in primary healthcare organizations as well as in regional clinics. The chosen topics include problems concerning patient satisfaction, long waiting times in clinics, as well as the discomfort and inconvenience experienced by patients in relation to certain nursing procedures.

To date, the teams have held at least one workshop where they have identified the problem and target group as well as the needs of the service recipients. The plan is to hold seven workshops before August 2022: during the workshops, the teams will work according to the service design approach, using tools and guidelines prepared and updated as part of the AccelEd project. Two webinars, in which the multidisciplinary teams will be able to present problematic questions that have arisen during their projects and exchange experiences with other teams, will also be organized.

As a result of each service design project, the practical healthcare organization in which the study is being conducted will provide an improved service which will be monitored and evaluated by interviewing patients.

The teams will be able to report the results of their project at the second master class "Applying service design in the development of nursing services in Kazakhstan", which will be organized by JAMK University of Applied Sciences and Karaganda Medical University in Nur-Sultan during September 26-30, 2022. If you would like to take part in the master class, please contact us.

## Upcoming events in 2022

✚ **March 28, 32 (online)**

✚ **April 11, 14 (online)**

✚ **May 16-18 (offline)**

Masterclass on Assessment criteria and guidelines for Master and PhD theses.

**Target groups:** *Deans, Teaching staff, Administrative staff, Heads of nursing science departments, representatives from MoEdS, MoH, ECAQA, and partners of AccelEd project*

**Organizers:** University Medical Center Utrecht (Netherlands) and Kazakh National Medical University. S. Asfendiyarov.

**Venue:** Almaty, Kazakhstan

**Contact person:**

Thóra B. Hafsteinsdóttir  
[t.hafsteinsdottir@umcutrecht.nl](mailto:t.hafsteinsdottir@umcutrecht.nl)

Assel Khassenova  
[khassenova.assel@kaznmu.kz](mailto:khassenova.assel@kaznmu.kz)

Nurilya Akhmetkalieva  
[akhmetkalieva.n@kaznmu.kz](mailto:akhmetkalieva.n@kaznmu.kz)

✚ **April 26-28 (Part 1)**

Training course “Nursing theories and research on patients with complex and long-term conditions health problems”.

**Target groups:** *academic staff and master's and PhD level students of medical universities.*

**Organizers:** Åbo Akademi University (Finland) and Astana Medical University.

**Venue:** online.

**Contact person:**

Lisbeth Fagerstrom, [lisbeth.fagerstrom@abo.fi](mailto:lisbeth.fagerstrom@abo.fi)

✚ **May 19-20, 2022**

International conference "Nursing education, research in Kazakhstan: investing in the future of nursing" Conference on nursing science.

**Target groups:** *teaching staff, universities' students, Trainees, Administrative staff, representatives of associate partners and ministries' representatives, universities' top leaders.*

**Organizers:** Åbo Akademi University and Astana Medical University.

**Venue:** Nursultan, Kazakhstan.

**Contact person:**

Bekbergen Zhanna  
[zhanna\\_bekbergen@mail.ru](mailto:zhanna_bekbergen@mail.ru).

✚ **June 13-17**

**Training** course “Advanced qualitative methods in nursing I”.

**Target groups:** *academic staff, PhD students in nursing.*

**Organizers:** Lithuanian University of Health Sciences (Lithuania) and South Kazakhstan Medical Academy.

**Venue:** Kaunas, Lithuania.

**Contact person:**

Aurelija Blaževičienė,  
[aurelija.blazeviciene@ismuni.lt](mailto:aurelija.blazeviciene@ismuni.lt)

PaoloColet, [paolo.colet@nu.edu.kz](mailto:paolo.colet@nu.edu.kz)

Alma Akhmetova, [alma\\_ukgma@mail.ru](mailto:alma_ukgma@mail.ru).

### 🚩 June 8-9 (Part 2)

Online seminars within the framework of the Training course “Nursing theories and research on patients with complex and long-term conditions health problems”

**Target groups:** *academic staff, students, healthcare institutions.*

**Organizers:** ÅboAkademi University and Astana Medical University.

**Venue:** online.

**Contact person:**

Lisbeth Fagerstrom

[lisbeth.fagerstrom@abo.fi](mailto:lisbeth.fagerstrom@abo.fi).

### 🚩 September 26-30

Masterclass on “Applying service design in the development of nursing services in Kazakhstan”.

**Target groups:** *academic staff, students, healthcare institutions.*

**Organizers:** JAMK University of Applied Sciences (Finland) and Karaganda Medical University.

**Venue:** Nur-Sultan, Kazakhstan.

**Contact person:**

ZhuldyzKuanysh

[kuanysh@gmu.kz](mailto:kuanysh@gmu.kz)

### 🚩 November 7-11

**Training** course “Advanced qualitative methods in nursing II”.

**Target groups:** *academic staff, PhD students in nursing.*

**Organizers:** Lithuanian University of Health Sciences (Lithuania) and South Kazakhstan Medical Academy.

**Venue:** Nursultan, Kazakhstan.

**Contact person:**

Aurelija Blaževičienė  
[aurelija.blazeviciene@lsmuni.lt](mailto:aurelija.blazeviciene@lsmuni.lt)

PaoloColet

[paolo.colet@nu.edu.kz](mailto:paolo.colet@nu.edu.kz)

## Contact us

### Coordinators

**Jūratė Macijauskienė**, project coordinator

[jurate.macijauskiene@lsmuni.lt](mailto:jurate.macijauskiene@lsmuni.lt)

**Živilė Kepežinskienė**, project manager

[zivile.kepezinskiene@lsmu.lt](mailto:zivile.kepezinskiene@lsmu.lt)

### Editorial team

**ASTANA MEDICAL UNIVERSITY,**

Nur-Sultan city, Beybitshilik str. 49A

[acceled.nursing@gmail.com](mailto:acceled.nursing@gmail.com)

**Aizhan Baituganova**

[baituganova.an@mail.ru](mailto:baituganova.an@mail.ru)

**Dinara Kozhakhmetova,**

[kozhahmetova.d@amu.kz](mailto:kozhahmetova.d@amu.kz)

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