



Competition among the ISM teachers for participation in summer school

The ISM announces a call for competition among ISM teachers for the participation in the summer school organized by the TUTORIAL project at the Issyk-Kul in July 2018.

The program will include topics on Environmental and Occupational Health, Epidemiology, Biostatistics, Public Health and innovative research and teaching methods (blended learning).

Requirements:

1. Good professional competences in areas mentioned above.
2. English language knowledge, levels B1-B2
3. Good communication skills.

Persons interested in the participation in the summer school are advised to send CV to email address: ismankulrabin@gmail.com by May, 10, 2018. On June 11, 2018, an interview will be conducted at the ISM main building, room 507.

Upcoming Events

• The second visit of Estonian lecturers, May 10-17, 2018.

In the frame of KA1 academic mobility programme, Prof. Katrin Lang, Dr. Kersti Pärna and Dr. Inge Ringmets will visit the Public Health department to give some lectures for PhD students.

They will give lectures on Epidemiology, Biostatistics, Public Health and share their longitudinal project results on smoking behavior among Estonian physicians.

• 25th Anniversary of the International University of Kyrgyzstan, June 2018

The International University of Kyrgyzstan was established by the Decree of the President of the Kyrgyz Republic No. UP-74 of 11 March 1993 and is a university with the status of an international higher education institution.

Currently, the university has an organizational structure based on the Euro-American structure of universities, which presupposes the autonomy of structural units and aimed at maximizing active activities in the field of education and research.

Celebrating its 25th anniversary, the IUK will conduct the International scientific and practical conference with the participation of guests of the solemn event in June 2018.

• TUTORIAL Summer School 2018 at the Issyk-Kul Lake, July 02-12, 2018

The EU partners have conducted the needs assessment of Asian university teachers and researchers to design the summer school for them in July, 2018. About 45 medical teachers and researchers from Kazakhstan, Kyrgyzstan, Tajikistan and India will participate in the summer school.

Top-lecturers from the University of Milan, the Tartu University (Estonia), Technical University Berlin, Foundation for Learning and Developing Occupational Health (Netherlands) and ECM space technologies GmbH (Berlin, Germany) will teach on Occupational and Environmental Health, Epidemiology, the use of IT in public health and teaching / learning.



ISSUE

01

MARCH
2018

QUARTERLY
NEWSLETTER OF
THE ISM TUTORIAL
PROJECT

ISM Tutorial

Coordination meeting at the KazNMU, Almaty

November 16-17, 2017, Almaty, Kazakhstan. The TUTORIAL project consortium had the coordination meeting at the Kazakh national medical university. The agenda included various questions:

- The results of the survey on sharable PhD & MSc courses;
- Good practices in MSc courses in Environmental & Occupational Health;
- The MLE systems, MOOCs;
- The project website: the content, visibility and its activity;
- Other dissemination activities;
- Preparation of the 2nd summer school;
- External QA audit;
- Reports M6, M12, M18 on QA;
- Preparation of the intermediary report; and
- Termination of participation of the Padmashri Vikhe Patil College in the project and replacing by the Indian Institute of Public Health, Gandhinagar.



this issue

- Monitoring of the TUTORIAL project in Kyrgyzstan **P.1**
- Academic mobility in TUTORIAL **P.2**
- Updated ISM PhD programme **P.3**
- Upcoming events **P.4**

Monitoring The TUTORIAL project in Kyrgyzstan

September 4, 2017. The National coordinator of Erasmus+ Programme in Kyrgyzstan, Mrs. Gulnara Chokusheva, conducted a monitoring of the Erasmus+ Project: «STrengthening Network EdUcaTiOn, Research and Innovation in Environmental HeALth in Asia (TUTORIAL)» that is being carried out at the International School of Medicine.

The objective of the monitoring was to assess the project implementation process at the present time as well as collection of information on project outcomes and achievement of goals.

There monitoring visit started with the meeting with Dr. Shamil Chyngyshpaev, Rector of the International School of Medicine. He warmly welcomed the Mrs. Gulnara Chokusheva and gave his view of the project impact and the role of the Erasmus + programme in the developments in higher education in Kyrgyzstan.

The monitoring was attended by the representatives of the Ministry of Health of the Kyrgyz Republic, International School of Medicine, Osh State University and NGO "Taasir Impact".

The meeting started with a presentation of Mr. Kenesh Dzhusupov, Project Country Coordinator. He made a report – presentation on the project implementation, taken decisions during the online meeting with the partners as well as participation in working groups in Summer School organized in frames of the project.

Later Mr. Roman Kalmatov, Project Coordinator from Osh State University made a report on conducted activity.

Also a report of working group from NGO "Taasir Impact" associated project partner was presented. It was positively noted that the project is planning an

independent accreditation of the PhD programme at ORPHEUS (Organization for PhD Education in Biomedicine and Health Sciences in the European System) to ensure the sustainability and the quality of the modernized PhD programme.

CANERIEH network is supported through common research & educational applications; more than 10 joint research publications have been published & 5 joint research projects have been conducted to date; the network was extended to the two new members from India.

The partner institutions closely cooperate with the Department for disease prevention, sanitary and epidemiological surveillance and the non-academic partner Taasir in reviewing the existing PhD programme and the development of the new curriculum plan.

The level of institutional and policy support to the project is good and the International Medical School is taking an active role in adopting PhD degree in Kyrgyzstan at legislation level. The sustainability of the project is high if PhD degree will be officially adopted in the country.

Project visibility is good: publicity and dissemination on project outcomes is provided through the national and social media.

During the monitoring meeting there were discussed such issues raised at these Universities during realisation of the project, how the project outcomes are disseminated and how the project members see and assure the sustainability and quality of the project outcomes.

In the end of the meeting, Mrs. Chokusheva gave advices and recommendations on better realisation of the project.



Internship of the ISM PhD students at the University of Milan

Two PhD students of the International school of medicine, Kyrgyzstan, Mrs. Aliia Bazhanova and Ms. Baktygul Imankulova had their one-month scientific internship at the University of Milan in April-May, 2017. This visit took place within the mobility program of the TUTORIAL project. The purpose of the internship was to learn research methods that they will apply in their PhD study: Aliia – Italian and EU experience in developing a map of competencies for health managers, and Baktygul – practical skills in air sampling by Aicheck XR 5000 pump, collection of surface washouts for further analysis at the HLCP. According to Aliia and Baktygul, they had unforgettable experience studying at the University of Milan and staying in city of Milan.



Academic mobility within the TUTORIAL project

Visit of Estonian lectures to the International school of medicine

June, 26-29, 2017. In the frame of the academic mobility action of the Erasmus + there an agreement between the University of Tartu and the International school of medicine was signed in 2017. As first visiting professors, Dr. Hans Orru and Kati Orru came to the ISM to give lectures to local PhD students on Environmental Health studies. The busy program of their visit included lectures on the following issues: Environmental Health Epidemiology, Health Risk Assessment and Health Risk Perception, Current Findings on Air Pollution, Noise and Climate Change Studies.

Visit of Prof. Claudio Colosio (University of Milan) to Karaganda State Medical University

In November 13-24, 2017 Prof. Claudio Colosio (University of Milan, Italy), the project coordinator, visited the Karaganda State Medical University in the frame of the academic mobility program. He gave master classes on Occupational Health, Risk Assessment in Agriculture, and Asbestosis Issues to graduate and undergraduate students of Public Health and Nursing Faculty. He shared his good practices in teaching Occupational Health with local professors.

Visit of Dr. Kenesh Dzhusupov (Kyrgyzstan) to Karaganda State Medical University

In October 2-15, 2017, Associate professor of the International School of Medicine (Kyrgyzstan, Bishkek), honorary professor of the KSMU Mr. Kenesh Dzhusupov visited the Karaganda State Medical University in the frame of the academic mobility program. First, he participated in the IV International Central Asian Scientific and Practical Conference "Internationalization of Medical Education".

Also Professor gave lecture and master classes to the graduate and undergraduate students of Public Health and Nursing Faculty and for teaching staff of the Department of Public Health and Nursing. He gave lecture on issues of Public Health, Global Health and Biostatistics. During his visit the KSMU department and Dr. Dzhusupov have agreed to continue the collaboration and planned the nearest future joint research and educational activities.



Professors of the ISM Public Health department have updated and modernized the content of 6 courses of the PhD programme in Public Health. It was carried out within the frame of the TUTORIAL project has been running since January 2017.

For examples, In the course of Epidemiology of non-infectious diseases, latest research findings and new topics of diseases in aging population, and globesity were introduced.

In the course of Epidemiological Research, newest case studies were

introduced as well as the use of GIS technology in epidemiological studies. Biostatistics course now included more statistical analysis in qualitative research.

Obtaining ethics approval is necessary for any study involving the collection or analysis of data involving humans, animals or their tissues. Hence, ethics in research is fundamental and essential for engagement with the research community. The new course of research Ethics was introduced to the programme. It will enhance research ethics capacity in multi-language

and multicultural environments in Kyrgyzstan and countries of PhD students. The new course will help PhD students to understand the nature of ethical argument and its relevance to the practice of the problems that they may face in their day-to-day professional work or research. It will help them to pursue further study in applied or professional ethics.

The new course will enable researchers to deal appropriately with the ethical informed and reasoned way in the current debates relating to research.

Occupational exposure of nurses to antineoplastics

Ms. Baktygul Imankulova, a PhD student at the ISM studies how big is the occupational exposure of nurses of the National Oncology Center to antineoplastics.

Approximately a hundred antineoplastic drugs are used for the treatment of cancer & other diseases. Commonly referred to as chemotherapy drugs, antineoplastic drugs act by preventing or inhibiting the growth of neoplasms. However, due to the non-selective nature of these agents, noncancerous cells can also be affected. In vitro &



in vivo studies demonstrate that antineoplastic drugs possess mutagenic, teratogenic, and carcinogenic properties. Because cytotoxic and genotoxic effects are associated with these drugs, significant risks exist for health care workers who handle antineoplastic drugs.

No such study was carried out in Central Asia. Upon results of assessment of occupational risks of nurses, Baktygul will provide training for medical personnel on prevention or minimizing these occupational risks from exposure to antineoplastic drugs.

Social Determination Of Health Of Minorities in Kyrgyzstan

Numerous researchers around the world have uncovered evidence of social inequalities in health. Addressing the Social Determinants of Health is critical if we truly want to achieve health equity. The World Health Organization's Commission on the Social Determinants of Health (2008) recognized the need to broaden the understanding of these determinants among the public to facilitate change in communities.



The PhD study of Azfar Syed Hossain is to explore the health status and health determinants of different national minorities Kyrgyzstan.

The minority-related inequalities in health and health behavior will be studied in comparison with the Kyrgyz population. The study will collect examples of evidence related to the demographic and socio-economic determinants of health to find variations and general and specific national differences in health status and health behavior.