

## **GULSHAT KEMELOVA (Karaganda, KAZAKHSTAN)**

### **PERSONAL INFORMATION**

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**Doctor of Medicine, PhD, Associated Professor**

**Date of Birth: 24/05/1970**

**Gender: Female**

**Nationality: Kazakh**

**Current location: 21 – 73, Ermekov street**

**Karaganda, Kazakhstan**

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**Cell phone: +77015908826**

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She is experienced healthcare workers, certified on more than 50 seminars and master classes including expertise in medical education, healthcare workers and medical organizations.

She is decision-maker and responsible for Medical Education and Healthcare issues. She has experience in providing Member of Faculty Evaluation Commission; coordinator of the Simulation education in KSMU, associated Professor of EBM and Clinical Pharmacology; internal and external membership in teachers achievements Evaluation Committee; ex-Chief of the Development Competence-based Education Committee (for 7 years); membership in Research Team in the projects of the Ministry of Health, Erasmus+, Tempus. She is a Leader Trainer of CPD Programs in Assessment/Evaluation, Effective teaching, Simulation education and Standardized Patients, and Leadership programs at Centre of transfer of Innovative technologies within 005 programs of the Ministry of Health RK and in implementation best international practice in education. She has also the best experience in coordinating of development of network with University's partners; coordinating and organizing of Conference Committee in Medical Education (1st, 2nd, 3rd, 4th Central Asian Conferences done), she is organized of Faculty academic mobility, and Developer of Training courses for HR.

Gulshat Kemelova has been working at KSMU for more than 20 years without interruption.

Gulshat Kemelova studied «Management of Healthcare and Research in Medical Education» (2014) at International Medical University (Kuala Lumpur, Malaysia) within a scholarship program BOLASHAK. She has more than 87 publications in Medical Education and Health, 22 educational manuals for students of medical universities, interns, residents, GP's, and 6 intellectual properties. She has awards from the Ministry of Healthcare RK “Excellent Worker of Healthcare System” (2008) and «For contribution in the Healthcare system in Kazakhstan» (2016).

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## EDUCATION

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|             |   |
|-------------|---|
| 1989 - 1995 | Karaganda State Medical Institute, Karaganda (Kazakhstan),<br><b>Specialty "General Medicine"</b>   |
| 1995 - 1996 | Karaganda State Medical Institute, Karaganda (Kazakhstan)<br><b>Internship Program</b> , Specialty 'Doctor of Medicine' in <b>Internal Diseases</b> |

## POSTGRADUATE

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|                 |   |
|-----------------|---|
| 01/1997-03/1997 | Karaganda State Medical Institute, Karaganda (Kazakhstan)<br>Specialty "Phthisiatrician"  |
| 09/2001         | Kazakhstan International Medical Academy, USAID, Project HOPE<br>(Kazakhstan), Coach Training for Healthcare Professionals,<br>Trainer for Health Professionals |

### *Continue Professional Development*

|                            |  |
|----------------------------|--|
| 11/2002-11/2004<br>2 years | Karaganda State Medical Academy, Karaganda (Kazakhstan)<br>Residency Program in "Clinical Pharmacology"  |
| 12/2002-12/2005            | National Centre for Tuberculosis (Kazakhstan)<br>Research work and PhD dissertation, specialty 14.00.26 - "Phthysiology"<br>Academic degree 'PhD'  |
| <b>2005</b>                |  |
| 10/2005                    | Participated in the annual meeting of Network on Development and Reform of Pharmaceutical Education in Central Asia organized by Special Project on pharmaceuticals in NIS, WHO Office for Europe in collaboration, Tashkent (Uzbekistan), Program team member |
| <b>2006</b>                |  |
| 04/2006-05/2006<br>4 weeks | Russian State Medical University, Moscow (Russia),<br>Seminar "Clinical Pharmacokinetics", Scientist   |
| 2006                       | Karaganda State Medical Academy, Karaganda (Kazakhstan), CPD for medical teachers, Medical Teacher (I)   |
| 2006                       | Karaganda State Medical Academy, Karaganda (Kazakhstan), CPD for medical teachers, Medical Teacher (II)  |
| <b>2007</b>                |  |
| 09/2007                    | Semipalatinsk State Medical Academy, Semey (Kazakhstan), seminar "International standards of scientific research», medical teacher and scientist   |
| <b>2008</b>                |  |
| 10/2008                    | Training for experts of education Expertize of the documents in education issued by foreign organizations», Kokshetau (Kazakhstan), Expert   |

03/2008 Certificate "Management of quality – for heads of the organizations" Quality Management ISO 9000:2008 NQA Russia- United Kingdom, Tomsk, Russia, Quality Manager

03/2008 Karaganda State Medical Academy, Karaganda (Kazakhstan)  
Certificate "Internal audit quality management systems», NQA Russia - United Kingdom, Tomsk, Russia, Quality Manager

### **2009**

2009 Certificate "Manager of Quality insurance" EC SCC 5463, Tomsk Polytechnic University (Russia), Quality Manager, Tomsk, Russia

2009 Certificate "Internal Auditor" EC SCC 5470 Tomsk Polytechnic University (Russia), Internal Auditor

11/2009 Certificate "Simulation in Healthcare: instructor development programs",  
2 weeks Gordon Center for Research in Medical Education, Miller's School of Medicine, University of Miami, Florida, USA

### **2010**

2010 Certificate of training course 'Achieving clinical competence through simulation technologies', Laerdal Medical Europe, Karaganda, Kazakhstan

### **2011**

2011 Certificate of training course 'DS and ECTS', National Tempus Office in Kazakhstan

2011 Certificate 'Management and Research Standards', KSMU and Japan Collaboration, Kazakhstan, Scientist

2011 Certificate "Methodology of scientific research in Ecology, Hygiene and Epidemiology", Florida State University, College of medicine (USA)  
Scientist

10/2011 Certificate 'Development of National Strategy for Faculty Development competencies" Canadian Society for International Health Consultancy and KZ, Astana, Kazakhstan

10/2011 Certificate 'Training in Faculty Development Competencies' Canadian Society for International Health Consultancy and KZ, Astana, Kazakhstan

10/2011 Certificate 'Management of Medical Education' Canadian Society for International Health Consultancy and KZ, Astana, Kazakhstan

06/2011 Certificate 'SWOT-analysis' Karaganda State Medical University, Karaganda, Kazakhstan  
Manager

### **2012**

2012 Certificate 'Principals of EBM into Learning' Canadian Society for International Health Consultancy and KZ, Astana, Kazakhstan

- 03/2012 15th Ottawa Conference on Medical Education and AMEE, Kuala Lumpur, Malaysia
- 04/2012 Conference “Experience and Perspectives of Medical Education Development in Central Asia” Karaganda State Medical University, Karaganda, Kazakhstan, Coordinator of Conference Committee
- 04/2012 1<sup>st</sup> Central Asian Conference “Medical education through Innovations” Karaganda State Medical University, Karaganda, Kazakhstan
- 10/2012 Certificate ‘Methodology of develop test Items’ Karaganda State Medical University, Karaganda, Kazakhstan
- 09/2012 International Conference ‘Innovative technologies in medicine’ Moscow, Russia

### **2013**

- 01/2013 10th Conference in medical education APMEC , Singapore
- 02/2013 Certificate “Actual issues of evidence-based medicine and drug supply’ Karaganda State Medical University, Karaganda, Kazakhstan
- 02/2013 Certificate “Methodology of Research in Biomedicine and Health Sciences’, Karaganda State Medical University, Karaganda, Kazakhstan
- 10/2013 2<sup>nd</sup> Central Asian Conference “Medical education through Innovations” Karaganda State Medical University, Karaganda, Kazakhstan
- 03/2013 Seminar ‘How to get published in Scientific Journals?’ ELSEVIER, Kazakhstan
- 06/2013 International Conference Eurasian FOR HIGHER EDUCATION LEADERS, Nazarbayev University, Kazakhstan
- 07/2013 Strategic Management Seminar, KSMU, Karaganda, Kazakhstan
- 11/2013-05/2014 Certificate Intensive Language Course, University of Leicester (UK)  
6 months

### **2014**

- 07/2014-08/2014 **Certificate Management of Healthcare International Medical University, Kuala Lumpur, Malaysia (within International Presidential Scholarship Program BOLASHAK)**  
2 months
- 11/2014 Certificate ‘SEE Into the Future Astana: Skills, Entrepreneurship and Employment in the 21<sup>st</sup> century’, Nazarbayev University, Kazakhstan
- 12/2014 ‘Kazakhstan Health sector Technology transfer and Institutional reform’ Project with UCL (UK) ‘Education core competencies and methodologies for the development of educational programs based on competent approach’, Astana, Kazakhstan

## 2015

- 01/2015 Training course ‘A New assessment and evaluation technologies’, KSMU, Kazakhstan
- 28-29/04/2015 **HR-management in Higher Education Institutions, Karaganda, Kazakhstan**
- 04/2015 **Certificate ‘HR-management’, KSMU, Kazakhstan**
- 27/06/2015 Certificate “Competence-based education. Development of the model-based curriculum”, 8 hours, Kazakhstan
- 07/2015  
1 week **Open Medical Institute, Seminars in Internal diseases (34 DFP European credits) of Medical School of Columbia University (USA), Salzburg, Austria**
- 10/2015 Certificate “3<sup>rd</sup> Central Asian Conference in Medical Education”, KSMU, Kazakhstan

## 2016

- 19-20/04/2016 **Certificate “Techniques of the effective reasoning”, 20 hours**  
*(International trainer Zheksen Jalkibayev, International Academy of Business)*
- 03-04/05/2016 **Certificate “Operational management”, 20 hours**  
*(International trainer Zheksen Jalkibayev, International Academy of Business)*
- 26/05/2016 Certificate “V<sup>th</sup> Euro-Asian Forum of the Leaders of HEIs”
- 31-01/06/2016 **Strategic management, 20 hours**  
*(International trainer Zheksen Jalkibayev, International Academy of Business)*
- 20-21/06/2016 Evidence-based Network, UK and Euro Health Group, Denmark with support of the Ministry of Health of the Republic of Kazakhstan, 16 hours
- 10-28/2016 CPD program in Clinical Pharmacology (KZ), 162, hours Karaganda, Kazakhstan
- 09/2016 Certificate “Confirmation of attendance: First World Summit on Competency-Based Education”, AMEE, Barcelona, Spain
- 10/2016 Certificate CPD “Formular system. Rational use of medicines”
- 20-22/12/2016 Certificate “Team building” (Moscow, Russia), 22 hours, Karaganda, Kazakhstan
- 21-25/11/2016 Certificate “Methodology of expert assessment of educational programs of university” University of Lund (Sweden), 54 hours, Karaganda,

## Kazakhstan

### 2017

|                  |   |
|------------------|---|
| 07-09/04/2017    | Certificate for participation in IMEC with the Poster Presentation  |
| 10-17/04/2017    | “Adaptation of Pediatric Cases in the International Project “Teaching against Medical Errors (Tame)”, International Medical University, Kuala Lumpur, Malaysia        |
| 18-24/04/2017    | Certificate “Project Management organizational structure. Proposal writing for funding (grants)”, University of Lund (Sweden), 54 hours, Karaganda, Kazakhstan        |
| 04/2017          | Certificate “Development of Internationalization Strategy of the KSMU referring to the Bologna Process”, University of Lund (Sweden), 54 hours, Karaganda, Kazakhstan |
| 04/2017          | Certificate “Standardized patient in teaching clinical disciplines for students”, KSMU, 72 hours  |
| 28/04-15/05/2017 | Certificate “Simulations in Medical Education. Simulation Patient Method” CPD Program, 36 hours, Kazan State Medical University, Kazan, Russia                        |
| 10/05-16/05/2017 | Certificate of a <b>trainer of simulation centre</b> , KSMU (54 hours)  |
| 05/2017          | Certificate "Assessment of practical / clinical skills in internship", 8 hours  |
| 06/2017          | Certificate for participation in the master class "Urgent conditions in allergology: tactics of managing patients with drug allergies", KSMU 54 hours                 |
| 06/2017          | Certificate "Stress and stress resistance in business communication", 3 hours, KSMU   |
| 10/2017          | Certificate for participation in the 4 <sup>th</sup> Central Asian Conference on Medical Education “Internationalization of Medical Education”, 18 hours              |
| 10/2017          | Certificate for participation in the VIII International Conference "ROSMEDOBR-2017. Innovative teaching technologies in medicine ", 10 credits, Moscow, ROSOMED       |
| 11/2017          | Certificate for participation in the master class "Working in the decentralized university structure. Examples of the University of Lund, Hugo Braggioni, 54 hours    |
| 12/2017          | Certificate of the instructor of the training program "Cardiopulmonary resuscitation (BLS, ACLS, PALS)", 54 hours   |
| 12/2017          | Certificate for participation in the master class of PMI KZ "Basics of project management", V.Zatolokin, Almaty 9 hours   |

## 2018

|         |   |
|---------|---|
| 02/2018 | Certificate for participation in the master class "Internationalization as a strategic tool for university modernization" Hugo Braggioni, University of Lund (Sweden), 54 hours |
| 06/2018 | Certificate for participation in the master class "Training the Trainer on Adult Learning", Professor Mohammed Al-Uzri, University of Leicester (UK), 54 hours                  |
| 06/2018 | Certificate for participation in the Eurasian forum of leaders of higher education, Astana  |

### EMPLOYMENT HISTORY (work experience):

|                        | Position   | Skills   |
|------------------------|--|--|
| From Feb 2017- Present | <p><i>Full-time:</i> Director of the Simulation Centre</p> <p><i>Part-time:</i> Assoc. Professor of Clinical Pharmacology and Evidence based Medicine Department</p> | <p>Coordinator of the Simulation education in KMU</p> <p>Member of Russian Society in simulation Education (Russia)</p> <p>Member of SESAM</p> <p>Associate Professor of EBM and Clinical Pharmacology</p> <p>Trainer in Simulation education and Standardized Patients programmes</p> <p>Trainer of CPD Programs for Faculty and implementation best international practice in education</p> <p>Co-coordinator of development of network with University's partners</p> <p>Member of Academic Council of KMU</p> <p>Member of Faculty Evaluation Commission</p> <p>Member of Teachers achievements Evaluation Commission</p> <p>Member of Research Team and work team in the projects of Ministry of Health, Erasmus+, Tempus</p> |
| 2011-2017 Jan          | <p><i>Full-time:</i> Head of the Medical Education Centre</p> <p><i>Part-time:</i> Assoc. Professor of Clinical Pharmacology and EBM Department</p>                  | <ul style="list-style-type: none"> <li>• Trainer of CPD Programs for Faculty and implementation best international practice in education</li> <li>• Co-Coordinator of Conference Committee Medical Education (1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> Central Asian Conferences done)</li> <li>• Coordinator of Faculty academic mobility</li> <li>• Developer of Training courses for Developer Training courses for HR</li> <li>• Co-coordinator of development of network with University's partners</li> <li>• Assoc professor of EBM and Clinical Pharmacology</li> <li>• Chief of the Development Competence</li> </ul>   |

|                        |  |   |
|------------------------|--|---|
|                        |  | <p>based Education Committee</p> <ul style="list-style-type: none"> <li>• Member of Academic Council</li> <li>• Member of Faculty Evaluation Commission</li> <li>• Member of Teachers achievements Evaluation Commission</li> <li>• Member of Research Team and work team in the projects of Ministry of Health, Erasmus+, Tempus</li> <li>• Member of Russian Society in simulation Education (Russia)</li> </ul>  |
| 2010-2011              | <p><i>Part-time:</i> Head of Clinical Skills Centre<br/><i>Full-time:</i> Assoc. Professor of Clinical Pharmacology and EBM Department</p>                               | <ul style="list-style-type: none"> <li>• Coordinator of Training course in Implementation Simulation and clinical scenarios in education</li> <li>• Senior Lecturer of EBM and Clinical Pharmacology</li> </ul>   |
| 2009/2010              | <p><i>Full-time:</i> Dean of the Faculty of General Medicine for Foreign Students<br/><i>Part-time:</i> Assoc. Professor of Clinical Pharmacology and EBM Department</p> | <ul style="list-style-type: none"> <li>• Coordinator of educational process for International Students</li> <li>• Establishment of international contacts with institutions from abroad</li> <li>• Senior Lecturer of EBM and Clinical Pharmacology</li> </ul>  |
| 2006/2009<br>2007/2009 | <p><i>Full-time:</i> Head of International Cooperation Department<br/><i>Part-time:</i> Teacher of EBM/ Clinical Pharmacology and Senior Researcher</p>                  | <ul style="list-style-type: none"> <li>• Coordinator of educational process for International Students</li> <li>• Establishment of international contacts with institutions from abroad</li> <li>• Coordinator of delegation when visited Medical Council of India (MCI) and Ministry of Health of India. Aim – to include KSMU and others Kazakhstani institutes to the List of universities which recognized by MCI (<b>2008</b>). After this meeting awarded by Medal as ‘Excellence in Healthcare’</li> <li>• Lecturer of EBM and Clinical Pharmacology</li> <li>• Senior researcher in the research team work «Research of the Concept of reforming medical and pharmaceutical education in KZ» (2007-2009)</li> </ul> |
| 2002/2004<br>2004/2006 | <p><i>Full-time:</i> Teacher of Clinical Pharmacology<br/><i>Part-time:</i> Inspector of quality management (evaluation of the Faculty)</p>                              | <p>Teacher of Clinical Pharmacology</p> <p>Monitoring of teachers (Faculty members activities)</p>  |
| 1996/2002              | <p><i>Full-time:</i> Teacher of Phthisiology</p>   | <p>Teaching, development of tests and training materials</p>  |
| 1995-1996              | <p><i>Internship in Internal Medicine</i></p>  |   |

#### ADDITIONAL INFORMATION:

|               |   |  |
|---------------|---|--|
| Publications: | <p><b>87</b> Publications,<br/><b>1</b> invention patent,<br/><b>10</b> intellectual property in medicine and medical</p> |  |
|---------------|---|--|



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|--------------------|--|---|
|                    | education<br><br>Translator of the Trisha Greenhalgh's book «How to read a paper? The basics of evidence based medicine» into Kazakh language (2014)   |   |
| Awards:            | Certificate for Merit by the Ministry of Health of Kazakhstan "Excellent in Healthcare of Kazakhstan"<br><br><b>Medal</b> for 'Excellence in Healthcare of Kazakhstan'<br><br><b>Medal</b> 'For the contribution to the KSMU'<br><br><b>Medal</b> 'For the contribution to the Healthcare system in the Kazakhstan'<br><br>'Thanks Letter' from KSMU Administration<br><br>'Thanks Letter' from Publisher House GEOTAR – MEDIA, Moscow, Russia<br>Certificate is in recognition Academic Excellence, <b>Salzburg Columbia University Seminar</b><br><br>Thanks letters from Bashkir State Medical University, 2016 (Russia), Bukhara State Medical Institute , 2017 (Uzbekistan) | Astana, 2008<br><br>Astana, 2008<br><br>Astana, 2008<br><br>Astana, 2016<br><br>Karaganda, 2015<br><br>Moscow, 2015<br><br>Salzburg, 2015 |
| Languages:         | Kazakh, Russian and English – fluently<br>Internship in English at the University of Leicester (UK), KAZTEST B1  |   |
| Computer skills:   | Windows XP, MS Office – 2010, Power Point presentation, Internet, e-mail, IT and etc.  | Advanced user   |
| Family             | Happy family: excellent husband and three daughters (Ruzilya, 21, student in Dentistry school of the Karaganda State Medical University, Assiya, 18, student of the Karaganda Economical University, specialty 'Law' Zhasmin, 7, student of the Primary school   |   |
| Personal Interests | Research in Medical Education and Simulation<br>Education, Big Data  |   |

Recommendations can provide the following persons:

Raushan S. Dosmagambetova – Principal of the Karaganda Medical University (KMU)

[dosmagambetova@kgmu.kz](mailto:dosmagambetova@kgmu.kz)

and KSMU's heads of departments:

Saule Kassymova [KasymovaS@kgmu.kz](mailto:KasymovaS@kgmu.kz) (Head on the International Cooperation Department)

and Victor Riklefs [V.Riklefs@kgmu.kz](mailto:V.Riklefs@kgmu.kz) (Education Dean)

## Publication

eLIBRARY ID: 36958261

### ASSESSMENT DENTISTRY STUDENTS' PERFORMANCE IN EMERGENCY CARE

[KEMELOVA G.](#)<sup>1</sup>, [TULEUTAeva S.](#)<sup>1</sup>, [AIMBETOVA D.](#)<sup>1</sup>, [ISSATAYEVA ZH.](#)<sup>1</sup>, [GARIFULLINA R.](#)<sup>1</sup>

<sup>1</sup> [Karaganda State Medical University](#), Kazakhstan

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[GROUP CLINICAL EXAM](#), [DENTISTRY](#), [EMERGENCY](#), [CLINICAL SKILLS](#), [ASSESSMENT](#)

Summary:

Background: In the dental curriculum the topic of emergency care and insufficient knowledge and skills in dental practice were not widely available, especially for general dentists. A new simulation course based on managing a common to life-threatening emergency in the dental curriculum was implemented. The aim of the project to develop a simulation course for dental students in emergency care, and study of the course effectiveness and students' performance in a group clinical exam. Methods: In the study 49 students' classroom academic performance, intermediate control results, questionnaires as well as the examiners' reviews and the feedback on behalf of standardized patients were used. The results were evaluated using the methods of the classical test theory ( $\alpha$  Cronbach, the discrimination index and the correlation coefficient). Results: The research evaluated a new format of the clinical exam in crisis management, the effectiveness of the electronic checklist, the attitudes of students, examiners and standardized patients to this exam format. The advantages and disadvantages of group clinical examination and the electronic method of assessment using tablets were highlighted, and the correlations of the current assessment approach with the results of final test were analyzed. Conclusion: The simulation course, the group clinical examination, and e-checklist can be regarded as good methods of teaching and assessment of students' clinical competencies