

Dossybayeva G.K.  
**Ways of modernization of higher  
education in Kazakhstan**

The comprehensive analysis of all mentioned scientific works prove that in the world community (the USA, Finland, Great Britain, Germany, Russia, etc.) the modernization of the higher education systems is in full swing. The special attention in these countries is paid to the quality of training highly qualified and professional university graduates. It can be attained by providing the best financial, technical, psychological and pedagogical conditions, by comprehensive development of infrastructure, selection of educational conceptions, pedagogical methods and technologies, textbooks and a proper choice of highly professional staff.

**Key words:** national model of the higher education; quality of the educational system; modernization of the higher education, advanced practice, traditions of the western universities, local pedagogical practice.

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Досыбаева Г.К.  
**Қазақстандағы Жоғары білім  
беруді реформалаудың  
кейбір нәтижелері туралы**

Қазақстанның жоғарғы білім беру тәжірибесін зерттеу барысында елімізде әлемдік тәжірибемен салыстырғанда қайта құру үдерістерінің өте баяу жүргізіліп жатқанын аңғартты. Әлемдегі заманауи жоғары білім беру стандарттарының дамуы АҚШ тәжірибесіне қызығушылық танытып, оның болашақ кәсіби мамандарды дайындау әдістері кеңінен қолданылуда.

**Түйін сөздер:** Қазақстанның жоғарғы мектебі, жоғарғы білім берудегі қайта құрулар үдерісі, әлемдік басымдылықтар, әлемдік білім беру кеңістігіндегі интеграция, ұлттық білім беруді реформалау.

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Досыбаева Г.К.  
**О некоторых результатах  
реформирования высшего  
образования в Казахстане**

Изучение опыта работы высшей школы Казахстана убеждают нас в том, что процесс перестройки высшего образования в соответствии с мировыми приоритетами протекает достаточно медленно. А между тем современный этап развития образования в мире характеризуется повышением интереса к опыту высшего образования в США, интенсивным использованием его в профессиональной подготовке будущих специалистов. Стремление Казахстана к интеграции в мировое образовательное пространство, к признанию наших дипломов и специалистов в странах цивилизованного мира обязывает нас проанализировать систему высшего образования США и выявить ее особенности, обратить внимание на то позитивное, что привнесено ими в развитие высшего образования в мире. Не просто зафиксировать позитивный опыт, а выявить и осмыслить его содержание, тенденции и возможность использования в практике вузов Казахстана.

**Ключевые слова:** высшая школа, процесс перестройки, мировые приоритеты, интеграция в мировое образовательное пространство, реформирования национальной системы образования.

## **WAYS OF MODERNIZATION OF HIGHER EDUCATION IN KAZAKHSTAN**

### **Introduction**

The comprehensive analysis of all mentioned scientific works prove that in the world community (the USA, Finland, Great Britain, Germany, Russia, etc.) the modernization of the higher education systems is in full swing. The special attention in these countries is paid to the quality of training highly qualified and professional university graduates. It can be attained by providing the best financial, technical, psychological and pedagogical conditions, by comprehensive development of infrastructure, selection of educational conceptions, pedagogical methods and technologies, textbooks and a proper choice of highly professional staff. The study of working experience of the higher institutions in RK convince us that the process of reforming of higher education in our country is rather slow, meanwhile at the modern stage of educational development in the world is characterized by increasing interest to the experience of US higher education, by intensive usage of it in professional training of future specialists.

### **Pilot Content Analysis. Methodology**

The willingness of RK integration into the world educational community, to acknowledgment of our diplomas and our specialists in the countries of the civilized world make us analyze the US system of higher education, reveal its peculiarities and pay attention to its positive sides. We should not simply fix their positive tendencies in the practical work at the universities of RK. All mentioned above testify the availability of contradiction of the need of RK to the world modern tendencies and real situation of this problem in the country. The given contradiction has determined the theme of my research: what are the tendencies and peculiarities of the development of the higher education of the USA. So, the subject of my research is the perfection of training and upbringing of the future specialists in the modern higher institutions of RK with the help of combined US experience.

#### *2.2. The results of the research*

Conducting this research I have developed a hypothesis: if we take the combined experience of the USA and RK we will

be able to approach the quality and system of the preparation of the specialists to the world standards as the US educational system is the most successful, competitive and productive.

In accordance with the problem, aim, hypothesis and the subject of the research the following tasks have been put:

To reveal tendencies and peculiarities of the development of the US higher education;

To disclose specific features of organizing teaching process and requirements necessary for teaching staff of the leading universities of the USA;

To develop scientifically proved conclusions and recommendations on usage of positive experience of the USA for higher educational system of RK.

Thus in the conclusion, the perfection of the teaching process and upbringing of future specialists in modern higher education of Republic Kazakhstan using the combined experience of foreign countries should be based on similar priority directions which can be the basis for RK to enter the world educational community on equal.

## Conclusion

Comprehensive analysis of the development of the higher education system of the USA allows to make up the following conclusions:

1. The study of the foreign pedagogical experience may be one of the possible ways of increasing the efficiency of the higher education in Kazakhstan. The science of education (educology) as any other spheres of knowledge and practice can't be developing in isolation from the world experience. (Higher education today 2000: p.60-67).

Creative use of foreign high school practice and pedagogics, accumulation of knowledge on tendencies of foreign educational systems, prognosis of their development provide intact vision of modern educational problems and ways of their solution.

Any theoretical research in the frame of comparative analysis should be defined by bringing of the results of positive foreign experience to the level of transformation into practical recommendations for government bodies of the higher education, for universities and teachers and as for prognosing function it is to reveal tendencies, to develop exact methods of teaching. (Higher education abroad, 1999, 342)

2. Nowadays the higher education is dynamically developing in the USA. The US educational strategy and the system of higher education in particular is recognized as the most effective and successful.

3. The most important tendencies of the higher educational system in the USA are:

globalization, technologization, computerization, internationalization and through these things to strengthen positions at world educational market. The brilliant development of all these tendencies make US educational system highly competitive all over the world. (Dzhurinsky A.N., 2004, 83-92; Zamulin O.A., Kapustin B.G., Konstantinovsky D.L. 2004, 46-51; Chernomorova T.V., 2001, 96; Zaretskaya S.L., 2001, p.96)

4. The major indices of high competition of the US higher education are: in the rating of the best world universities 60 of them are from the USA. In the country there is the largest number of outstanding specialists with the world fame and consequently the outstanding fundamental researches which is also testified by the number of Nobel Prize winners (148). The American system of higher education is perfectly harmonized with demands of industry and large corporations, large and small firms and characterized by high quality and efficiency of multilevel preparation of specialists especially in post diploma preparation that all attracts increasing number of students throughout the world. (International Journ. Continuing Engineering Education, 1990, 10-17; Fedorov I., Erkovich S. Higher Education in Russia, 2003, p.40)

The participation at the educational market as independent players changes basically the nature of the higher education of the USA. From now on it becomes entrepreneurship: all links of university structure become self-determined on competition and income. (Zamulin O.A., Kapustin B.G., Konstantinovsky D.L., Pokrovsky N.E., Pochta U.M., Radaev V.V., 50-57; Falushina L.I., 2005, p.37-43).

Thus, it follows that productively and entrepreneurship are the peculiar features of the modern educational system of the USA which lead to the following conclusions:

- decreasing the importance of systematic fundaments;

- search for innovation;

- the organization of teaching process with emphasis on interdisciplines, on serious independent work of the students as the main requirements of the quality;

- the qualitative selection of school-leavers through social colleges and highly professional teachers (Denis M., 2004, 52-58);

6. The main problems of the higher educational system of RK which restrain its development are:

- low demand of post-graduates after graduating from universities. The closure of specialties not competitive at market is slowly resolved;

- the system of higher education in RK can't provide outstripping education, can't prepare specialists with orientation on technological progress and specialists able to change briefly their professions (State programme of the development of Education in RK on 2005–2010, 2004, 15)

– low level of specialists' preparation for innovative sphere. There can be mentioned such things as: low level of development of innovative infrastructure of science and education, low innovative direction of educational programs, poor financial provision in all specialties especially technical ones. Besides students take weak parts in carrying out state scientific and scientific–technical programs linked with innovative activity, the

absence of effective connection of education and science with industry and so on.

- there are significant problems in informatization of higher education. Existing state inter-regional channels do not meet requirements of informatization of education, standard juridical basis is poorly developed and there is lack of electronic products in official language, lack of preparation of specialists in informatics and informational technologies in official language.

Besides there is no program provision for developing educational portals, electronic libraries, mediateques and the distance education is very poor in the country. (Kazakhstan in 2004. Agency of RK on statics, 2004, p.6-9).

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