

# ABSTRACTING REVIEW OF JOURNAL ARTICLES

## EDITOR IN CHIEF'S PAGE

**Viktor ANDRUSHCHENKO**

UNIVERSITY AUTONOMY: NEW CHALLENGES..... 5

Problems, contradictions, perspectives of university autonomy introduction are being analyzed; the author states that autonomy introduction in the system of national education is restricted by the following factors: absence of deep democratic traditions in Ukrainian universities, insufficiency of managing staff training, corruption, psychological inability of educational process subjects to study, to live and work under autonomy conditions and some other factors; society has to start active civil discourse on this issue involving science and culture representatives, entrepreneurs, parents, students and teaching staff; discourse must take into account national realities, European pedagogical experience, global challenges, intellectual and practical experience of new time, available political, cultural and moral resources etc. The initial national experience in university development during period of independency plays an important role.

**Key words:** university autonomy, discourse, global challenge, initial experience.

## CURRENT PROBLEM

**Volodymyr LUGOVYY, Svitlana KALASHNIKOVA,**

**Olena SLYUSARENKO, Zhanna TALANOVA**

AUTONOMY AND LEADERSHIP IN THE EUROPEAN HIGHER

EDUCATION AREA ..... 14

The data on the autonomy level and ranking achievements of 26 European countries' higher education institutions, including Ukrainian, are analyzed. It is confirmed that autonomy, especially academic, organizational and staffing, is an important factor in achieving top ranking positions in the "Times» and "Shanghai» rankings. However autonomy itself, not supplemented by other developed components of institution's activities, including research and innovational, does not guarantee university's competitiveness and therefore is necessary, but not sufficient, for higher school success. Autonomy synergy effect is found out; according to it integral autonomy is more effective than its differential components. It is shown that higher education in Ukraine lacks both autonomy, except staffing, as well as other key components of institution's core activities, especially research and innovational. The importance of Austrian experience concerning autonomy development and leading universities network improvement is argued taking into consideration the expediency of higher education institutions dividing only if newly created institutions are able to be top-ranked.

**Key words:** autonomy, higher education institutions, rankings, autonomy synergy effect, European Higher Education Area.

## PHILOSOPHY OF EDUCATION IN THE XXI-st CENTURY: SEARCH FOR PRIORITIES

**Lesya PANCHENKO**

THE IMPORTANCE OF DEMOCRACY IN UNIVERSITY EDUCATION ..... 21

Among key values one of the first places in consciousness of humanity belongs to democracy. It is one of contradictory lines of modern civilization; it gives humanity wide possibilities for development and sets up a lot of problems as well. It is objectively and logically that effectiveness of implementation into practice of philosophical educational priorities depends on the comprehensiveness of the analysis of democracy, its evolution and prospects. In regard to this objective, this article has been written.

**Key words:** democracy, civil society, educational process, education, university, effective development.

**Serhiy BABIY**

**BASIC TRENDS IN EDUCATION MODERNIZATION: TENDENCIES AND PERSPECTIVES** .....28

Basic trends in Ukrainian education modernization as a response to global challenges, information revolution and other global changes in modern society are being analyzed; the author concentrates his attention on education competitiveness, on its scientific background, quality, open, democratic orientation etc; the author gives positive response concerning the readiness of the Ukrainian society to modernize education under the conditions of political will of state and society.

**Key words:** human being, education, science, culture, modernization, democratization, competitiveness.

**Violetta Skirtach, Alexander Perig**

**ANTI-PSYCHIATRY SUBJECT CONCEPTION IN PHILOSOPHICAL EDUCATIONAL DISCOURSE** .....34

The present article is focused on the study of subject dimensions in anti-psychiatry from the existential viewpoint, which answers the actual questions about mental disease origin; may be used as the certain methodology of psychology and pathology, and to be useful for university students of corresponding faculties. It has been proved that the classical psychiatry provides the wrong conception about internal world of schizoid. It has been shown that the existential phenomenology is the only possible cognition technique for study of subject personality. It has been shown that despite of amorality and asociality of mad subject behavior it serves as anthropological abyss manifestation, which may open up for everyone in certain circumstances. Inconsistency state is inherent in ordinary individuals, especially in the extreme cases. However for people with alternative perception the inconsistency state is the fundamental life orientation, which allows in illusive manner to protect the inner self from the external reality introduction. This article is focused on the way of demonstration for students of phenomenological reasonability for common and mad human worlds' description, which we define not in the scientific terminology but through the individual interpretation. It has been found, despite the orthodox tradition concepts, that the normal and equal for everyone reality does not exist. Through the making the boundaries between the mind and madness, philosophy defines not only madness but the mind itself, which plays the role of the anthropological standard.

**Key words:** subject, anti-psychiatry, philosophy teaching, existentia, phenomenology, consciousness, madness.

**MODERN SCIENCE AND CONTEMPORARY EDUCATION**

**Kostiantyn KORSAK, Yury KORSAK**

**FUTUROLOGICAL REQUIREMENTS TO EDUCATION AND SCIENCES IN NEW CENTURY** .....40

According to noofuturology the unrealistic expectations for sustainable development of mankind and its rescue by the economic development, based on industrial technologies, is proved. It is specified, that scientists discovered and applied the first ecosafe technologies which can be called «nootechnologies». **These technologies will become the guarantor for sustainable development, but the orientation of higher education to a personnel professional training for nooeconomy and noosociety is necessary for their occurrence and distribution.** Unfor-

tunately, there is little chance for an immediate direction of the planet resources on noodevelopment and elimination of collapse threat.

**Key words:** a noofuturology, an ecosafe development, a model of sustainable development, nanotechnologies, nootechnologies, noophilosophy, a noosociety, a collapse.

**Oksana KOVALENKO**

**NANOTECHNOLOGICAL DISCOVERIES AND ADVANCES  
IN SCIENTIFIC RESEARCH INSTITUTIONS IN UKRAINE .....47**

History of development and prospect of nanotechnology is revealed in the article. Considerable progress is attained in development of this area, and in the future nanotechnology will come forward a fundamental factor in development of science and society. It is necessary today to comprehend the consequences of influence of technique, expose the mechanisms of co-operations of science, society and nanotechnology, resulting in irreversible socio cultural changes. At the current time this branch is one of the most extensively studied in the world, and every year thousands of articles in various specialized journals are published. Research in the field of nanotechnology is steadily growing too. A number of scientific institutions, higher education establishments and laboratories are involved in this research. Actual aspects for application of nanomaterials nowadays are bioethical, pharmacological, toxicological, physical-chemical, pharmaceutical and clinical.

**Keywords:** nanotechnologies, history of development of nanotechnology, scientific discoveries, technologies of the future, nanotechnological projects

**Anatoly POHRESNYK**

**THE SINERGO-FORESIGHT APPROACH TO CHANGE OF NATIONAL  
HIGHER EDUCATION.....54**

Globalization and the other world phenomena are considered and those processes which occur in modern education systems are specified. It is noticed their complexity and integrated approach that forces use in planning of synergetics and foresight. The concept "innovation" and an opportunity of use of Bologna process for improvement of quality of education in Ukraine is investigated.

**Key words:** changes, development of higher education, synergetics, foresight, innovation, quality of education, Bologna process.

**TIME FOR REFORMATIONS: METHODOLOGY AND METHODICS  
OF EDUCATION PROCESS**

**Galina BILETSKA**

**NATURAL-SCIENTIFIC TRAINING OF FUTURE ECOLOGISTS: THE NATURE  
AND STATUS OF THE ISSUE IN EDUCATIONAL RESEARCH .....60**

The research state of problem natural-scientific education in pedagogical theory is analyzed. The meaning of natural-scientific training in the system of vocational environmental education is justified. The main problems that cause critical state of natural-scientific training of professional ecologists in higher educational establishes are determined.

**Key words:** a natural-scientific training, a professional environmental education.

**HUMANISATION OF EDUCATION**

**Hanna LESYK**

**PRESENT SITUATION OF SOCIAL AND HUMANITARIAN EDUCATION  
IN HIGH SCHOOL OF UKRAINE UNDER THE CONDITIONS  
OF INTEGRATION PROCESSES .....66**

The article focuses on the problem of social and humanitarian education state in terms of integration processes within higher education of Ukraine at the beginning of the XXI-st century. It was outlined some problems of the modern educational system and proposed the ways of optimization of social and humanitarian education based on the existing contradictions within educational process and needs of its orientation on specialist training in line with European standards. The need to develop courses in frames of social and humanitarian disciplines in consideration of their impact on the life values and preferences of the population was examined.

**Key words:** integration processes, social and humanitarian disciplines cycle, humanization of higher education, educational process optimization, the formation of humanistic oriented personality, principles of educational process optimization.

**Lyudmyla SHELYUK**

#### QUALITY OF EDUCATION AS A PRIORITY FOR ITS DEVELOPMENT

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Development of modern education is influenced by the following key factors: globalization, introduction of technologies, informatization in social processes which considerably speed up the rate of social changes. Under this conditions education is regarded as a complex social system based on outlook and methodological background of open and continuing cognitive process. Qualitative and open education foresees intensive independent work based on information technologies and distance education of learners. That is why quality of such education is a national priority, an important factor and a precondition of national security, keeping to international norms and laws of Ukraine.

**Key words:** human being, education, open education, democratization of education, quality of education.

**Zinaida TARUTINA**

VALUE OF THE NATURAL-SCIENTIFIC BASIS OF THE PSYCHOLOGO-  
PEDAGOGICAL COMPONENT OF MODERN HIGHER EDUCATION ..... 79

In article the newest results of research of processes of thinking and knowledge at the molecule-genetic level, being the theoretical basis for practical work of the person on the consciousness are resulted. Recommendations follow from opening for educational process, in particular, creation of conditions which assist formation of new brain cells, the account of that fact, that the intelligent relation of the person to the present programs at cellular level its future and so forth

**Key words:** a brain, thinking, consciousness, a brain bark, neurons and synapses, independence of the brain, new cells, productive education

#### FOREIGN EXPERIENCE

Maria DEBYCH

DIFFICULTIES IN IMPLEMENTATION OF ADVANCING HIGHER  
EDUCATION UNDER THE CONDITIONS OF MODERN LABOUR  
MARKET CHANGES (EXPERIENCE OF THE OECD) ..... 85

Historical examples of attempts to implement advancing higher education are given; difficulties in realisation of this idea are explained. The leading role of influence on a labour market of modern educational changes is noted. Instructive experience of premature implementation of new specialities in Mexico in order to speed up formation of knowledge society is studied. It is offered to take into account experience of the European Union countries in realisation of Bologna, Lisbon and other processes to coordinate activity of the higher school with perspective changes of a labour market in Ukraine.

**Key words:** higher education, progress, knowledge society, labour market, the European framework of qualifications, OECD.

## **ECONOMY AND MANAGEMENT IN HIGHER EDUCATION**

**Alina SBRUEVA**

### **SUPRANATIONAL LEVEL OF THE BOLOGNA PROCESS**

MANAGEMENT: SUBJECTS, FUNCTIONS, MECHANISMS .....91

Content and procedural aspects of supranational level of the Bologna process management are characterized in this paper. The political determinants of the Bologna process which resulted in the creation of fundamentally new pan-European community - the European Higher Education Area, are defined. The range of international subjects of the Bologna process management at the supranational level, representing major stakeholders in higher education is determined. Areas of their activities and peculiarities of the open method of coordination as a mechanism of managing Bologna reforms are investigated.

**Key words:** higher education, Bologna process, management, supranational level, subject, mechanism

**Nonna Murovana**

THE DEVELOPMENT OF INNOVATIVE CULTURE OF MANAGER  
OF GENERAL EDUCATIONAL INSTITUTION IN THE CONDITIONS  
OF POSTGRADUATE EDUCATION: THE SCIENTIFIC BASES .....98

In the article the scientific basis for the development of innovative culture of a manager of educational institutions are substantiated; peculiarities for realization of modern scientific approaches to postgraduate teacher education are considered.

**Key words:** innovative culture of a manager of general educational institutions, continuing education, andragogical principles, postgraduate teacher education, cultural, axiological, acmeological, synergistic approaches.

## **YOUNG SCIENTISTS' PAGE**

**Natalia MARCHENKO**

### **PRINCIPLES OF HUMANIZATION AND HUMANITARIZATION**

OF EDUCATION IN A.G. POHRIBNYY SCIENTIFIC STUDY AND THEIR  
FURTHER DEVELOPMENT IN THE UKRAINIAN SCIENTISTS' WORKS .....106

Having analyzed the concepts "humanization and humanitarization of education", their genesis and development A. Pohribnyy contribution to the theoretical understanding and practical implementation of these principles in the Ukrainian education system is proved.

**Key words:** anthropocentrism, humanization of education, humanitarization of education, humanistic orientation of education, child-centered education, human-centered education, "humanization" of education, the humanities, integral person, integral world view.

## **INFORMATION, REVIEWS, ANNOUNCEMENTS**

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