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## Scientific Youth: Priorities of the World Science

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*Орнана нологус уренус*

Some of the best materials in various fields of science are presented in the festschrift what are assembled from young scientists.

Young scientists have an opportunity to solve modern problems of world science in modern conditions of modernization of higher education and scientific community in Ukraine, Russia, CIS and abroad.

Every young scientist for its identification in the world scientific space should have their own ORCID, which provides a continuous digital ID and differs from any other researcher, and DOI (digital object identifier) for data communication between scientists.

So, young scientists predicted its scientific future for the next 30 years.

**Dragnev Yuri**

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## CONTENTS

1. **Anikieieva Mariana, Gordiyenko Olga** (P.10–13)  
*URL: <http://www.univer.kharkov.ua>*  
THE DEPENDENCE OF ADHESION OF MICROORGANISMS TO  
ERYTHROCYTES ON THE CONCENTRATION OF DIVALENT CATIONS
2. **Bicheva Katerina** (P.14–17)  
*URL: <http://btet.luguniv.edu.ua>*  
FEATURES OF FORMATION WORKING POPULATION LUHANSK IN  
THE LATE XIX – EARLY XX CENTURIES
3. **Bogdanova Anna** (P.18–21)  
*URL: <http://www.luguniv.edu.ua>*  
INTERACTIVE LEARNING TECHNOLOGIES OF THE FUTURE  
TEACHERS OF PHYSICAL CULTURE
4. **Chigridov Afanasi** (P.22–24)  
*URL: <http://www.luguniv.edu.ua>*  
ADVANTAGES AND DISADVANTAGES OF E-LEARNING  
IN HIGHER PHYSICAL EDUCATION
5. **Dragnev Andrey** (P.25–28)  
*URL: <http://www.luguniv.edu.ua>*  
PROBLEMS OF INFORMATION COMPETENCE OF FUTURE  
TEACHERS OF PHYSICAL CULTURE IN THE EDUCATIONAL PROCESS
6. **Dragnev Yuri** (P.29–31)  
*URL: <http://www.luguniv.edu.ua>*  
CONSTRUCTING PRINCIPLES PEDAGOGICAL SYSTEM OF FUTURE  
TEACHER'S OF PHYSICAL CULTURE PROFESSIONAL DEVELOPMENT
7. **Dultseva Irina, Matyshkina Maria** (P.32–35)  
*URL: <http://www.luguniv.edu.ua>*  
IMPROVING THE QUALITY OF EDUCATION BY DINT OF  
«EDUCATION-ALL INCLUSIVE»

**8. Dun Marina (P.36–38)***URL: <http://www.lguniv.edu.ua>*

PERSONALITY AS A SUBJECT OF PEDAGOGICAL ACTIVITY

**9. Gornostayeva Yulia (P.39–41)***URL: <http://www.lguniv.edu.ua>*FEATURES OF TEACHING METHODS GYMNASTIC EXERCISES  
STUDENTS IN RHYTHM SECONDARY SCHOOL AGE**10. Grechanyk Iryna (P.42–44)***URL: <http://www.lguniv.edu.ua>*THE CONSTRUCTIVE ASPECT OF PRESENTATION OF «SEPARATE»  
CHRONOTOPE IN THE SCIENCE FICTION METAGENRE**11. Grigoshkina Yaroslava (P.45–48)***URL: <http://www.donnu.edu.ua>*POLISEMY OF THE NAMES OF RESIDENTIAL BUILDINGS IN  
FRENCH**12. Ilyashenko Rima (P.49–51)***URL: <http://www.chdu.edu.ua>*POLITICAL AND ECONOMIC TRENDS OF DEVELOPMENT IN THE  
SOUTH-EAST ASIA NOWADAYS**13. Kaminska Alla (P.52–55)***URL: <http://btet.lguniv.edu.ua>*THE CREATIVE PART OF PROFESSIONAL ACTIVITY OF FUTURE  
DESIGNERS FORMATION**14. Kechik Olga, Kharchenko Olena (P.56–59)***URL: <http://www.lguniv.edu.ua>*ORGANIZATION OF STUDENTS' SELF-WORK OF PEDAGOGICAL  
COLLEGE BY MEANS OF INNOVATIVE PEDAGOGICAL TECHNOLOGIES**15. Kostenko Alexey (P.60–62)***URL: <http://www.lguniv.edu.ua>*THE DETERMINATION OF LEVEL OF PHYSICAL CAPACITY OF  
PRIMARY SCHOOL FUTURE TEACHERS

**16. Kurbatov Andrey** (P.63–65)*URL: <http://www.lguniv.edu.ua>*

STATE REGULATION OF EMPLOYMENT IN THE INFORMATIONAL SPACE

**17. Li Xiang Zhen** (P.66–69)*URL: <http://www.lguniv.edu.ua>*

IDEAS OF MUSICAL PEDAGOGICS OF PAMPHIL YURKEVICH

**18. Likhachova Katerina** (P.70–73)*URL: <http://btet.lguniv.edu.ua>*

ACTUALITY OF FORMATION OF CORRECTNESS SPEECH STUDENTS OF ECONOMIC SPECIALTIES

**19. Lozhechka Michael** (P.74–78)*URL: <http://www.lguniv.edu.ua>*

FEATURE SPECIAL TRAINING FUNDS PRIMARY SCHOOL CHILDREN DURING EMPLOYMENT SUMO

**20. Mahmood Hassan Al Warqaa** (P.79–81)*URL: [http://wn.com/university\\_of\\_bahrain](http://wn.com/university_of_bahrain)*

TECHNICAL TRAINING FEATURES OF YOUNG MEN 13-14 YEARS OLD WHO PLAY VOLLEYBALL

**21. Markhotska Anastasiia** (P.82–85)*URL: <http://www.lguniv.edu.ua>*

POSTMODERN WORLDVIEW TENDENCIES AS THE COGNITIVE ASPECT OF THE LITERATURE CRITICISM

**22. Mirzaev Almir** (P.86–88)*URL: <http://www.lguniv.edu.ua>*

MOBILE LEARNING AS A SPECIAL FORM OF EDUCATIONAL PROCESS ORGANIZATION IN HIGHER PHYSICAL EDUCATION

**23. Mozhey Natalya** (P.89–92)*URL: <http://kpfu.ru>*

INVARIANT AFFINE CONNECTIONS ON THREE-DIMENSIONAL HOMOGENEOUS SPACES

**24. Pan Penchen** (P.93–95)*URL: <http://www.gntc.net.cn>*

ELECTRONIC TUTORIAL AS A MODERN DEVICE OF FUTURE TEACHERS OF PHYSICAL CULTURE EDUCATION IN A HIGH SCHOOL

**25. Pavytska Kateryna** (P.96–99)*URL: <http://ipv.org.ua>*

MODERN SCIENTIFIC APPROACHES TO THE UPBRINGING OF FUTURE TEACHERS IN RESPECT FOR A CHILD'S PERSONALITY

**26. Poluliaschenko Tatiana** (P.100–103)*URL: <http://www.luguniv.edu.ua>*

FUNDAMENTALS OF CONSTRUCTION PROCESS OF PHYSICAL TRAINING IN THE RACERS MACROCECLES, WHO SPECIALIZE IN CROSS-COUNTRY ON STAGE INITIAL TRAINING

**27. Ptak Jeffrey** (P.104–105)*URL: <http://www.indiana.edu>*

THE CONTROL OF VOLLEYBALL PLAYER'S LOCOMOTION

**28. Rudakivska Svetlana, Kulik Oksana** (P.106–110)*URL: <http://www.kymu.edu.ua>**URL: <http://www.ihed.org.ua/ua>*

INFORMATION COMPONENT OF ENVIRONMENTAL OUTLOOK FORMATION OF YOUTH

**29. Serdyuk Olexander** (P.111–113)*URL: <http://www.luguniv.edu.ua>*

FORMATION VALUE ATTITUDE TOWARDS HEALTHY LIFESTYLE SECONDARY SCHOOL PUPILS IN PHYSICAL EDUCATION

**30. Shcherbanov Stanislav** (P.114–116)*URL: <http://btet.luguniv.edu.ua>*

ECONOMIC ASPECTS OF THE PROBLEMS OF RAW MATERIALS IN UKRAINE

**31. Shelupakhina Katerina** (P.117–120)*URL: <http://www.lguniv.edu.ua>*

MEDIA THEORY: MODERN CONTEXT

**32. Shestakova Angelina** (P.121–123)*URL: <http://www.lguniv.edu.ua>*FEATURES OF THE INTRODUCTION OF INTERNET-TECHNOLOGIES  
IN ORGANIZATION OF INDEPENDENT WORK OF STUDENTS OF  
SPECIALTY «PHYSICAL EDUCATION»**33. Simonenko Oksana** (P.124–126)*URL: <http://www.snu.edu.ua>*POSTTRAUMATIC STRESS DISORDER. DIAGNOSTICS AND  
CORRECTION**34. Smagina Olga** (P.127–130)*URL: <http://www.lguniv.edu.ua>*THE SYSTEM OF SCIENTIFIC-PEDAGOGICAL ACTIVITY OF  
UNIVERSITY CHAIR PROVIDING**35. Staranko Tatyana** (P.131–133)*URL: <http://btet.lguniv.edu.ua>*DESIGN PROJECT AS A DEVICE OF CREATIVE PROFESSIONAL  
SKILLS IMPROVING OF THE STUDENTS OF SPECIALTY "DESIGN"**36. Statsenko Tatyana** (P.134–137)*URL: <http://lktl.lguniv.edu.ua>*

CHOICE IN DIFFICULT SITUATIONS IN ADULTHOOD

**37. Tararyva Lidiya** (P.138–141)*URL: <http://www.lguniv.edu.ua>*

CLOUD TECHNOLOGY IS AN INNOVATIVE STRATEGY OF LEARNING

**38. Ven Cyualan** (P.142–144)*URL: <http://www.qzu.edu.cn>*ADVANTAGES AND DISADVANTAGES OF USING MULTIMEDIA IN  
PROCESS OF THE FUTURE TEACHERS OF PHYSICAL CULTURE  
EDUCATION

**39. Vishchenko Olga** (P.145–147)*URL: <http://btet.luguniv.edu.ua>*

THE CATEGORY OF ARTISTIC AND IMAGINATIVE THINKING IN PROFESSIONAL EDUCATION OF FUTURE STYLISTS

**40. Vivdenko Iryna** (P.148–150)*URL: <http://btet.luguniv.edu.ua>*

POSSIBILITIES OF COMPUTER GRAPHICS IN TEACHING OF SOME DISCIPLINES OF DESIGN

**41. Yeryomenko Kateryna** (P.151–153)*URL: <http://www.csmu.edu.ua>*

APPLICATION OF METHOD OF PROGRAMMING OF REHABILITATION CYCLE OF READING WITH THE STUDENTS OF TASK MEDICAL FORCE

**42. Zhuchok Tetyana** (P.154–157)*URL: <http://www.luguniv.edu.ua>*

METHODICAL BASES OF THE EVALUATION OF EFFICIENCY OF INNOVATION ACTIVITIES

**43. Zhuk Katerina** (P.158–161)*URL: <http://btet.luguniv.edu.ua>*

THE HISTORY OF ENGLISH-SPEAKING TRANSLATION

**44. Ziborova Vita** (P.162–164)*URL: <http://btet.luguniv.edu.ua>*

THE CRISIS MANAGEMENT NOW

**45. Zubyuk Leonid** (P.165–167)*URL: <http://www.luguniv.edu.ua>*

USING OF THE INDIVIDUALLY-ORIENTED METHODOLOGIES FOR PHYSICAL TRAINING OF THE STUDENTS OF SPECIAL MEDICAL GROUPS



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## **CONSTRUCTING PRINCIPLES PEDAGOGICAL SYSTEM OF FUTURE TEACHER'S OF PHYSICAL CULTURE PROFESSIONAL DEVELOPMENT**

**Abstract.** There are three principles of construction of pedagogical system of future teacher's of physical culture professional development. Rationale presented principles of pedagogical system of teacher's of physical culture professional development in terms of informational and educational space allows you to define methodological foundations of the research.

**Keywords:** future teacher of physical culture, principles, pedagogical system, professional development, information and educational space.

**Аннотация.** Предлагается три принципа построения педагогической системы профессионального развития будущего учителя физической культуры. Обоснование представленных принципов педагогической системы профессионального развития будущего учителя физической культуры в условиях информационно-образовательного пространства позволяет определить методические основы исследования.

**Ключевые слова:** будущий учитель физической культуры, принципы педагогической системы, профессиональное развитие, информационно-образовательное пространство.

**Анотація.** Пропонується три принципи побудови педагогічної системи професійного розвитку майбутнього вчителя фізичної культури. Обґрунтування визначених принципів педагогічної системи професійного розвитку майбутнього вчителя фізичної культури в умовах інформаційно-освітнього простору дозволяє визначити методичні засади дослідження.



**Ключові слова:** майбутній учитель фізичної культури, принципи педагогічної системи, професійний розвиток, інформаційно-освітній простір.

### Introduction

Note that professional activities in the field of physical education is based on certain principles which are specific model of pedagogical of future teacher of physical culture professional development the conditions of information-educational space. During development principles in accordance with our research, we relied on the main system principles developed by V. Panov [4]. We note that various principles in their research have examined such scientists (A. Donets, N. Mikhailova, E. Rachikulina) [1; 2; 3]. In these works, the scientists focused on teaching principles of program-target development of the professional Lyceum; preparing students for the implementation of the principle of continuity in the development of the cognitive abilities of children; development of cognitive activity of students of professional Lyceum on the basis of the principle of learning individualization; target principle of development management of the personnel in the municipal system of physical culture and sports; the development of the intellect of a pupil as a principle of organization synergetic environment in the process of teaching Informatics.

### Results and Discussion

Next, we consider only three principles of eight.

1. *The principle of forecasting professional development and personality formation in the system of physical education and higher education.* The defining moment of the forecasting process of professional development and formation of personality in higher education, is the prediction of the future condition associated with the future teacher's of physical culture professional activity. This principle should be seen in the consistency, completeness, continuity, adequacy and optimality.

2. *The principle of correspondence of the personality's professional development in different types of educational and informational environments.* A promising trend of future teacher's of physical culture professional development, according to which it is necessary to develop new software products, is the ability to navigate in the flow of information in different types of educational and training environments. Educational environment provides an opportunity to

use various methods in the educational process with the using of information technologies, which in turn changes the psychological climate of the students.

3. *The correspondence principle of athletic education modernization the physical education system.* This principle shows the dependence of athletic education from the improvement of the physical education system, which requires the competent construction of the didactic process. In the process of future teacher's of physical culture professional preparation of the implementation of this principle presumes the formation of professional qualities according to the information society conditions.

### Conclusions

Rationale presented principles of pedagogical system of teacher's of physical culture professional development in terms of informational and educational space allows you to define methodological foundations of the research.

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