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## **CONTENTS**

### **General psychology, personality psychology, history of psychology**

Volobuyev V.V. The influence of mass media on the information and psychological security of students.....	6
Gavrilushkin S.A., Kudinov S.I., Kudinov S.S. Features of the display of inquisitiveness in students with interhemispheric brain asymmetry .....	16
Grigorieva I.V., Feoktistova S.V. Basic personal stress reactions and behavioral strategies in conflict situations .....	28

### **Labor psychology, engineering psychology, cognitive ergonomics**

Demidenko N.N., Dunskiy A.M. Preventive paradigm in medicine: a theoretical and methodological analysis in the context of occupational psychology, engineering psychology, and cognitive ergonomics .....	41
Demidenko N.N., Kovpak E.O. Professional and personal potential of the modern entrepreneur: theoretical and methodological framework and author's concept .....	54
Kryuchin A.Yu., Korolev L.M. Theoretical features of psychological support as a tool for increasing motivation of staff in the mechanical-building industry .....	66
Lenkov S.L., Rubtsova N.E., Kochneva A.Yu. Methodological justification for the new professional type «Human – Artificial Intelligence» in the occupational classification system .....	75
Razina T.V. The system of motivation for scientific activities of postgraduate students: yesterday and today.....	89

### **Pedagogical psychology, psychodiagnostics of digital educational environments**

Bordovskaia N.V., Iskhakova M.P. Emotional regulation of the educational task solving process using generative artificial intelligence .....	102
Krylova M.A. Digital multitasking of learning: boundary conflicts.....	116

### **Social psychology, political and economic psychology**

Dombuu A.Yu., Sitnikov V.L. A study of social-perceptive images in students with different sociometric status .....	128
Kotosonova E.D., Korotkina E.D., Rebrilova E.S. Abuse: from the history of the concept ...	137

### **General pedagogy, history of pedagogy and education**

Astapenko E.V., Shmurygina O.V. Meta-skills as the foundation for personal self-development.....	149
Milyugina E.G., Merzlikin A.D. The Russian piano educational space formation by the unity of enlightening, concert and leisure practices: V.F. Odoyevsky's concept.....	160

### **Methodology and technology of vocational education**

Gonina O.O., Melnichenko P.V. Use of simulation educational technologies in continuous professional education of speech therapists .....	172
Muravyeva A.A., Oleynikova O.N. Modern trends of engineering education .....	183

### **Postgraduate students and academic degree seekers**

Aisin R.N. Features of the life values of modern youth within the system of implicit representations.....	195
Zhuykova S.A. Specificity of value orientations of students of humanities and technical specialties.....	205
Kulagin D.A. Professionally important qualities of a manager: scientific approaches and professional standard requirements.....	216
Mu Jiangming. Game methods of teaching business Chinese language to students of Russian humanities universities.....	224
Streltsova M.A. The structure and content of fascinativity of personality.....	234
Ting Huang. Characteristics of teaching English in Chinese middle schools.....	243
Tuzkova E.A. Barriers to designing professional self-determination of high school students: pedagogical solutions.....	251
Yanan Huang. Socialization of Chinese teenagers in the context of the media environment.....	263

## **The influence of mass media on the information and psychological security of students**

**V.V. Volobuyev**

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The purpose of the study was to examine the impact of mass media (social networks, movies, mass media, information products, etc.) on the informational and psychological security of students. The following methods were used: Individual media consumption style by G.N. Malyuchenko, V.M. Smirnova, and A.S. Kopova, A.A. Khvan and Yu.A. Zaitsev's method for measuring adolescent anxiety, S.V. Klauchek and V.V. Delaryu's method for diagnosing susceptibility to psychological induction, and A. Ellis's method for diagnosing irrational attitudes. The study confirmed the hypothesis of statistically significant correlations between the level of student involvement in various mass media and their indicators of informational and psychological security in the form of increased suggestibility, anxiety, and reduced rationality of thinking and tolerance of discomfort.

**Keywords:** *information and psychological security, anxiety, suggestibility, media consumption, volitional self-control.*

## **Features of the display of inquisitiveness in students with interhemispheric brain asymmetry**

**S.A. Gavrilushkin<sup>1</sup>, S.I. Kudinov<sup>2</sup>, S.S. Kudinov<sup>2</sup>**

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The article presents the results of an empirical study characterizing the peculiarities of the manifestation of curiosity of students with a profile of brain lateralization. Curiosity is considered as a personality trait in the context of a holistic functional approach (A.I. Krupnov). The purpose of the study was to establish the specifics of the severity of attitudes towards curiosity, behavioral activity, cognitive meaningfulness of the process of selecting and searching for information, motivation, as well as self-regulation and reflexivity of inquisitive behavior in students with hemispheric brain asymmetry. To identify the lateralization of the brain, a comprehensive method was used to determine the leading hemisphere (Yassman L.V., Danilenko V.N., 1999). In the study of curiosity, a blank curiosity test (Krupnov A.I., Kudinov S.I.) and the author's questionnaire «Orientation of curiosity» were used. As a result of the study,

the specifics of the manifestation of inquisitive behavior in students with different dominant hemispheres of the brain were established.

**Keywords:** *curiosity, dominant hemisphere of the brain, variables, characteristics, students.*

### **Basic personal stress reactions and behavioral strategies in conflict situations**

**I.V. Grigorieva, S.V. Feoktistova**

Russian New University, Moscow

This article examines the problem of individual stress reactions in complex and conflictual life situations. The object of the study is stress reactions as elements of the system of psychological regulation of behavior. The aim of the work is to theoretically analyze their psychological nature and substantiate the relationship with individual behavioral strategies. The study utilizes methods of theoretical analysis, generalization, systematization of scientific sources, and a comparative-conceptual approach. The biological, cognitive, and personality foundations of the «fight-flight-freeze» reactions are considered, revealing their role as prototypes of behavioral strategies in conflict interactions. It is shown that the choice of strategy is determined by the cognitive assessment of the situation and the individual psychological characteristics of the subject. The scientific novelty of the work lies in the integrative consideration of stress reactions as a multilevel phenomenon included in the structure of personal regulation. The results of the study can be used in counseling practice, psychoprophylaxis, and stress resilience development programs.

**Keywords:** *stress, stress reactions, difficult life situations, conflict, behavioral strategies, interaction.*

### **Preventive paradigm in medicine: a theoretical and methodological analysis in the context of occupational psychology, engineering psychology, and cognitive ergonomics**

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This article presents a theoretical and methodological analysis of the preventive paradigm in modern medicine within the context of occupational psychology, engineering psychology, and cognitive ergonomics. This article examines the psychological components of the preventive paradigm in medicine, including psychophysiological factors in the professional activity of healthcare workers, mechanisms of professional burnout, preventive technologies for organizing the workspace, and more. Particular attention is paid to cognitive load, psychological safety at work, and work motivation – key elements of preventing occupational risks as the core idea of the preventive paradigm. Based on a theoretical and methodological analysis, the feasibility of practically implementing the key ideas of the preventive paradigm into the modern healthcare system is substantiated.

**Keywords:** *occupational psychology, preventive medicine, engineering psychology, cognitive ergonomics, psychophysiological factors of work, professional burnout, digital environment, psychological safety at work, healthcare worker work organization, cognitive load.*

### **Professional and personal potential of the modern entrepreneur: theoretical and methodological framework and author's concept**

**N.N. Demidenko, E.O. Kovpak**

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This article provides a theoretical and methodological justification for a structural-component model of the professional-personal potential (PPP) of a modern entrepreneur. The model was developed based on a theoretical analysis of existing scientific approaches, which identified five key components of this construct: motivational-goal, creative, regulatory-adaptive, organizational-managerial, and social-perceptual. Each component is examined through the lens of the specific requirements of entrepreneurship in the contemporary Russian socioeconomic environment. A distinctive feature of the proposed model is its focus on the dynamic nature of PPP, manifested in the interdependence of the subject's personal characteristics and the demands of the professional environment. The developed structural-component model can serve as a basis for subsequent empirical research, as well as for the development of diagnostic tools for assessing the professional-personal potential of entrepreneurs.

**Keywords:** *professional and personal potential, entrepreneurial activity, motivation, goal-setting, creativity, stress resilience, organizational capabilities, emotional intelligence, personal development.*

### **Theoretical features of psychological support as a tool for increasing motivation of staff in the mechanical-building industry**

**A.Yu. Kryuchin, L.M. Korolev**

University of World Civilizations named after V.V. Zhirinovskiy, Moscow

The article examines the role of psychological support as a tool for solving urgent personnel problems in the engineering industry. Key challenges such as the shortage of qualified specialists and insufficient motivation of staff for career growth are analyzed. The directions of psychological support are proposed to help bridge the personnel gap and increase the efficiency of using human capital in the context of modernization of the industry.

**Keywords:** *psychological support, career growth, mechanical engineering, staff shortage, staff motivation, human resource management.*

### **Methodological justification for the new professional type «Human – Artificial Intelligence» in the occupational classification system**

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The study theoretically and empirically substantiates the necessity of introducing a new, sixth type of profession into Klimov's classification – «Person – Artificial Intelligence» («Person – AI»), which possesses a unique subject of labor and a specific complex of psychological characteristics. Sample. The study involved 120 students from technical specialties at the Moscow Aviation Institute, divided into groups of 40 people: an experimental group (specialization «Robotic and Intelligent Systems») and two control groups («Control Systems, Informatics and Electric Power Engineering» and «Computer Science and Applied Mathematics»). A set of methods was applied, with a laboratory experiment, implemented

through the case «Diagnostics of a Smart Service Failure», as the central element. The collection of empirical data (verbal protocol-hypotheses) was combined with qualitative (content analysis) and quantitative (ANOVA with Tukey's post-hoc test) analysis. Statistically significant differences in the structure of professional thinking were revealed. The obtained cognitive profile qualitatively distinguishes future AI specialists from students of other technical fields. Conclusions. The results of the study serve as an empirical basis for expanding E.A. Klimov's classification. Activity in cooperation with AI, involving working with it as a quasi-subject, forms a special psychological type of professional activity. This necessitates its identification as an independent type «Person – AI», which is a logical step for an expanded description and design of the professional world in the era of digital transformation.

**Keywords:** *E.A. Klimov's occupational classification, «Person – Artificial Intelligence», subject of labor, professional thinking, cognitive strategies, engagement, artificial intelligence in work.*

### **The system of motivation for scientific activities of postgraduate students: yesterday and today**

**T.V. Razina**

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This paper analyzes the characteristics of scientific activity as a professional activity, conditioned by its psychological system: intellectual nature, creativity, uncertain outcome, stress, a unique combination of personal characteristics of the subject of the activity, and a specific motivational system. Motivation for scientific activity is examined based on the author's concept and represents a system comprising 10 subsystems consisting of groups of motives united by functional characteristics: extrinsic, intrinsic, cognitive, value-based, competitive achievement, security, reflexive, anti-motivation, and indirect. Qualitative and quantitative differences in the motivational system for scientific activity among postgraduate students enrolled in 2013 and 2023 are examined. A decrease in the strength of competitive, anti-motivation, and reflexive motivation, along with an increase in security motivation, is established. Significant changes in the structural organization of motivational subsystems and a decrease in the functional capabilities of the motivational system for scientific activity are also found, which may lead to a decrease in the effectiveness of training highly qualified personnel in postgraduate studies.

**Keywords:** *scientific activity, motivation, graduate student, system, subsystem, incentive motives, meaning motives.*

### **Emotional regulation of the educational task solving process using generative artificial intelligence**

**N.V. Bordovskaya, M.P. Iskhakova**

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The findings of a psychological and educational experiment aimed at comparing the contents and structural arrangements of emotional regulation (ER) during the process of completing learning tasks with and without the application of generative artificial intelligence (AI) based on a developed model are presented. The results obtained suggest that, despite the emotional intensity associated with interacting with AI for students, there is no significant difference in the content or structural arrangement of ER between situations involving AI and those involving familiar learning tasks. However, a lack of adaptation and coordination of ER contents and

structures to the conditions of educational tasks, as well as a lack of coordination between ER processes, may lead to reduced performance in training tasks.

**Keywords:** *emotional regulation, generative artificial intelligence, educational task, students.*

### **Digital multitasking of learning: boundary conflicts**

**M.A. Krylova**

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The article presents a hierarchical four-level model of boundary conflicts generated by digital multitasking in the educational activities of student youth. In the framework of the study, border conflict is defined as an existential state of personality characterized by constant presence in the border zone of systemic contradictions. The model reveals the mechanisms of conflict at various levels: from the clash of cognitive resources at the neurophysiological level to the systemic contradiction between the architecture of the digital environment and the traditional educational process at the institutional level. It is shown that at each level there is an accumulation of specific signs indicating an escalation of conflict: cognitive overload and an increase in errors; frustration and procrastination; violation of communicative norms; destabilization of the educational process as a whole. The proposed model will allow for a systematic analysis of the problem and the development of targeted pedagogical and psychological interventions, depending on the level and depth of the conflict.

**Keywords:** *borderline conflicts, digital multitasking, learning activities, hierarchical model, existential state.*

### **A study of social-perceptive images in students with different sociometric status**

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This article describes the structure of the socio-perceptual images of «I», «I in 20 years», and «Friend» among students with different sociometric status. The purpose of the study is to conduct a comparative analysis of the current and prospective self-images and friend-images among students with different sociometric status. The sample consisted of 104 students. For psychodiagnostics, the following methods were used: the sociometric measurement method «Sociometry» and the «Structure of the Human Image (Hierarchical)» method, further referred to as «SOCH(I)» (by V.L. Sitnikov). To process the research results, the methods of correlation analysis, Student's t-test, and analysis of variance were employed. The results of the analysis of variance revealed a significant association between the status factor in the group and conventional, neutral, and negative self-perceptions in the present and 20 years later. According to the results of the Student's t-test, it was found that the neutral characteristics of the On-image of a friend prevail among students with a low sociometric status.

**Keywords:** *socio-perceptual image, self-image, sociometric index, student, student group.*

### **Abuse: from the history of the concept**

**E.D. Korotkina, E.D. Kotosonova, E.S. Rebrilova**

Tver State University, Tver

This article presents an analysis of domestic and international publications on abuse from the late 20th and early 21st centuries. It identifies the specific definitions of «abuse» and «abusive relationships» and highlights the distinctive categorical frameworks used in domestic and international psychology. The concept's transformation in a historical context is demonstrated. Promising directions for studying abuse and its manifestations are identified.

**Keywords:** *abusive relationships, abuser, victim of abuse, socio-psychological phenomenon, social interaction.*

### **Meta-skills as the foundation for personal self-development**

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of Emergency Situations of Russia, Yekaterinburg

In today's world meta-skills – universal abilities that enable learning and adapting to change—are becoming a key factor in successful self-development. This article examines the most important of these: learning skills, self-management, emotional intelligence, creativity, and adaptive thinking. The authors offer specific methods and practices for independently developing these skills, ensuring sustainable personal development over the long term.

**Keywords:** *meta-skills, self-development, flexible thinking, emotional intelligence.*

### **The Russian piano educational space formation by the unity of enlightening, concert and leisure practices: V.F. Odoevsky's concept**

**E.G. Milyugina, A.D. Merzlikin**

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Based on a system analysis of V.F. Odoevsky's music reviews, critical articles and diaries from the mid-1820s to the 1860s, the authors reconstruct his concept for the Russia's piano education space. The historical and cultural dynamics of this process, briefly documented by Odoevsky over a period of forty years, are analyzed within the framework of a dialogue between Russian and European musical traditions. A multimodal analysis of this evidence, integrating value-semantic, musical-communicative and musical-socializing aspects, reveals Odoevsky's ideas regarding the content and functions of enlightening, concert and leisure practices within the piano education space. The historical and pedagogical value of Odoevsky's ideas is determined within the framework of the concept of feedback.

**Keywords:** *piano pedagogy, Russian piano school, dialogue of cultures, piano education, musical enlightenment, concert practice, piano leisure, music journalism, V.F. Odoevsky, I.S. Bach, J. Field, D. Shpremits, A.I. Dyubyuk, T.I. Filippov.*

### **Use of simulation educational technologies in continuous professional education of speech therapists**

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The article describes the essence and typology of simulation educational technologies in the process of professional training of speech therapists at different levels of education. It provides an overview of simulation technologies used to develop the professional competencies of speech therapists at the bachelor's level in the field of Special (Defectological) Education, as well as in the framework of additional professional education. The article concludes that simulation educational technologies play a significant role in ensuring the effectiveness of practice-oriented learning for developing the professional competencies of speech therapists in the process of continuous professional education.

**Keywords:** *speech therapy, practical situations, professional training, simulation, special (defectological) education, simulation educational technologies.*

### **Modern trends of engineering education**

**A.A. Muravyeva, O.N. Oleynikova**

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This article reviews current trends in engineering education in Russia and globally, with the goal of identifying systemic factors in the adaptation of engineering education to changing demands on engineering professionals. The relevance of this theme stems from the increasing complexity of engineering professional activities and the associated need to improve engineering education in the context of the urgent and long-term objectives of ensuring Russia's technical and technological sovereignty. The scientific novelty lies in the use of a comparative analytical method, conducted at the meta-level of international trends, to identify key areas for improving quality and effectiveness and enhancing the export potential of Russian engineering education. The practical significance lies in the potential application of the presented findings to modernizing state policy in engineering education, as well as to the practical training of engineering personnel in higher education, and in continuing professional education programs for teachers and methodologists.

**Keywords:** *engineering education, development trends, stakeholder involvement, competences, innovations, technological sovereignty, workplace training, engineering didactics.*

### **Features of the life values of modern youth within the system of implicit representations**

**R.N. Aisin**

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This study presents a comprehensive statistical and substantive analysis of the features of perceptions of the life values of modern youth among specialists with professional experience working with young people, as well as students enrolled in relevant programs who lack such practical experience. The research reveals both common trends and significant differences in the assessment of the importance of realizing the life values of contemporary youth across various spheres of life. An analysis of youth's value orientations and their perceptions of importance was conducted. The study also provides a ranking of the life values of modern youth, as reflected in the implicit representations of youth workers and students studying in the relevant field.

**Keywords:** *implicit representations, modern youth, youth work organization, life values, youth, psychology of value orientations, socialization process, social activity, self-realization, professional development.*

### **Specificity of value orientations of students of humanities and technical specialties**

**S.A. Zhuykova**

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This article examines the development of value orientations in modern students studying in technical and humanities fields. It provides a review of current research on the development of value and life-purpose orientations in today's youth. The article analyzes and compares test results for students majoring in technical and humanities fields to determine their level of development of terminal (searching for the ultimate meaning of life) and instrumental (methods for achieving goals) values. It concludes that students majoring in the humanities are more likely to develop values such as empathy and interaction with other members of society. Students majoring in technical fields prioritize values related to modern technology and practical skills in applying acquired knowledge. This article will be of interest to educators, psychologists, and researchers working in youth policy, education, and social adaptation, as it substantiates the need to consider changes in students' value orientations when developing educational programs and methods.

***Keywords:** self-realization, value orientations, values, life-meaning guidelines, technical and humanitarian specialties.*

### **Professionally important qualities of a manager: scientific approaches and professional standard requirements**

**D.A. Kulagin**

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The article examines the professionally important qualities (PIQ) of a manager – a set of personal, cognitive, and behavioral characteristics that ensure managerial success. The relevance of this topic is determined by the increasing demands on leaders in today's environment, which require not only professional knowledge but also a certain psychological profile. Based on an analysis of academic literature and Russian normative documents (professional standards for managers in various industries), the key qualities affecting a manager's professional suitability are identified: stress tolerance, leadership qualities, strategic thinking, communicative competence, organization, adaptability, creativity, emotional intelligence, etc.

***Keywords:** professionally important qualities; manager; personal qualities; leadership competencies; professional standard; stress tolerance; leadership; strategic thinking; communication skills; adaptability.*

### **Game methods of teaching business Chinese language to students of Russian humanities universities**

**Mu Jiangming**

Peoples' Friendship University of Russia, Moscow

The article discusses the main game methods used in teaching business Chinese to Russian students. The relevance of the topic is due to the growing popularity of the Chinese language

in Russia, and the need to find effective methods for teaching professional vocabulary. The purpose of the study is to determine effective game methods for teaching business Chinese. As part of the work, the works of Russian and Chinese specialists devoted to gaming methods, the process of gamification, and the use of business games were analyzed. The results of an experiment on the use of business games to improve the level of knowledge of professional vocabulary are presented. As a result, a conclusion was made about the effectiveness of using such a method as business games in the process of teaching professional vocabulary. The results of the study can be used in further studying the features of teaching business Chinese, as well as in drawing up work programs and teaching aids.

**Keywords:** *Chinese language, gaming methods, Russian students, gamification, business games.*

### **The structure and content of fascinativity of personality**

**M.A. Streltsova**

P.G. Demidov Yaroslavl State University, Yaroslavl

The article formulates the concept of fascination as an individual personality trait. It presents the results of a study aimed at identifying the differences in the organization of the main parameters of fascination, which are differentiated according to the degree of expression of this trait, gender, and level of social self-control. The article establishes the patterns of structural organization of fascination for groups divided according to these criteria. Qualitative differences in the structural organization of fascination in groups divided by gender were found, as well as the dominance of integrative tendencies in women, as well as their higher structural organization of fascination. For the first time, a new pattern was established: the dependence of the level of fascination on the measure of self-control. Specific phenomenological features underlying the obtained differences in the structure of fascination, differentiated by the criterion of social sameness, were identified.

**Keywords:** *fascination, fascinationality, regulatory processes, structural organization, autofunctional dependence, structural-psychological phenomena, gender criterion, and social self-control.*

### **Characteristics of teaching English in Chinese middle schools**

**Huang Ting**

Peoples' Friendship University of Russia, Moscow

Based on the publicly available data and periodical materials, the approaches to teaching English used in secondary schools in China are summarized. The main tools and technologies used by teachers are revealed. The disadvantages inherent in the Chinese model of teaching English to middle school students are identified, and ways to eliminate them are outlined. The possibility of involving various kinds of innovative technologies, neural networks, and artificial intelligence in the educational process is analyzed, and the possibilities of using Chinese experience in secondary schools in other countries are identified. It is proved that in order to increase the effectiveness of the learning process, it is necessary to develop practice-oriented content, as well as more active use of innovative teaching technologies in educational activities.

**Keywords:** *learning English, secondary school education in China, immersion in the language environment, educational competencies.*

## **Barriers to designing professional self-determination of high school students: pedagogical solutions**

**E.A. Tuzkova**

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The article explores the concept of «self-determination of high school students» as a holistic process of personal and professional development, based on the interaction of cognitive, motivational-value, and activity-based components. Based on an analysis of practice, the key barriers arising in the pedagogical design of this process at the school level (personal, procedural-organizational, and socio-environmental) are systematized. As a solution, the author proposes a developed model – a system of resource blocks for designing self-determination (educational, diagnostic, project-activity, mentoring, and adaptive-reflective), aimed at overcoming the identified barriers, fostering students' agency, and developing their readiness for conscious choice. Pedagogical conditions for implementing the model are substantiated: creating a project-based educational environment, developing mentoring practices, and individualizing educational trajectories. It is shown that systematic design of high school students' self-determination based on the proposed model is a crucial direction in modern pedagogy, contributing to the formation of a mature, responsible, and self-developing individual.

**Keywords:** *self-determination, project design, high school students, pedagogical support, educational environment, agency, mentoring, tutoring support, career choice.*

## **Socialization of Chinese teenagers in the context of the media environment**

**Huang Yanan**

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Positive and negative aspects of the influence of the media environment on the socialisation of adolescents in China have been identified. To conduct the study, theoretical methods (analysis, synthesis) and special research methods (sociological survey, questionnaires, interviews) were used. The results of the sociological research were processed using mathematical and statistical methods. During the work, both the risks associated with the prevalence of the virtual environment and possible prospects were identified. The novelty of the research lies in the attempt to identify the most effective model for controlling the socialisation of adolescents under the active influence of the media environment. The results of the study can be used both for developing methods for preventing Internet addiction in adolescents within the family and other social groups, and for conducting further research in this area. The most effective approach is the use of mediation of engagement with the information space, as well as the joint exploration of media resources.

**Keywords:** *media space, socialization of the individual, characteristics of adolescence, mediation of information involvement.*

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