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Factors, Determining the Relationships of Intergenerational Participants of Pedagogical Interaction

The article presents the results of empirical research directionality in communication of teachers' relations, who represents generations of Baby-boomers and X. We consider the existing research on the pedagogical interaction between the generations. It is noted a contradiction between the statement of the gap between generations of teachers and students and uncertain ways of interaction of teachers and students in a new way. The study involves two groups of teachers' generations: Baby-boomers (1946–1964 born) and X (1965–1983 born). There are 60 people in each group. We used the methodological procedure of diagnosis generational identity of N. L. Ivanova, a questionnaire of interpersonal relationships of A. Rukavishnikov, technique "Diagnosis of interpersonal relations" of T. Leary, diagnostic of communicative installation of V. V. Boyko, multifactorial personality questionnaire the FPI, personal of communication diagnostic of S. L. Bratchenko. For statistical data processing we used factor analysis of principal component.

Empirically it was found that among generation of Baby-boomers prevails integrative prepotency factor, combines with emotional instability, authoritarianism, reactive aggressiveness, in collaboration with the students, they seek to control and manage, using a wide arsenal styles – from manipulative communication to dialogical. The prepotency factor also prevails among generation X, but emerged a group with the predominance of the amity factor. The conclusion is that, in general, teachers of generation Baby-boomers and X inherent prepotency in relationships, only a small percentage of teachers inherent amity. This group of components of generational pedagogical interactions has a different structure: the indifferent and alterocentric style of communication with students, in dealing with people the tendency to subordination.

Keywords: intergenerational interaction, polifigurative culture, pedagogical interaction, communication style, directionality in communication, interpersonal relations, teachers, generation of Baby-boomers, generation X, students.

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Ivanova A. V.

Theoretical and Psychological Aspects of Studying the Types of Imagination

The present article systemizes the psychological studies of the types of imagination. Relevance of the research aspects of the study imagination depends, on the one hand, on its highest value in every person's life, on the other – on its poor knowledge in modern psychology. The subject of our study was

psychological notions of imagination. According to the criterion of interpretations and functions of the imagination, the following psychological aspects of studying the types of imagination were established and emphasized: cognitive-processual, stimulating and motivational, imagination as a factor of personal development, imagination as a professionally important factor, differential and psychological aspect, and situational aspect. It was shown, that in every aspect of the imagination study its leading interpretations are similar in the emphasis put by researches on the effectiveness of this process – creation of the new; voluntary imagination is traditionally investigated. Imagination is a multifunctional process taking part in cognition, providing the efficiency of creative and professional activity, predicting, planning for the future, personal motivating, creating and supporting of Self-conception and realization of the psychological defenses of a personality.

The analysis of the interpretations and functions of the imagination made it possible to single out the main contradictions: between attributing it to the highest psychic functions and studying its role in coping behavior; between emphasizing its role in the development and self-development of a person and its primary study of children and teenagers; between confirming the importance of every type of imagination and primary study of voluntary type only; between statement of the conditionality of imagination by personal features of the subjects and limitation of the sphere of empiric studies specially devoted to the characteristics of imagination depending on the individual and psychological peculiarities of a person.

Keywords: imagination, types of imagination, functions of imagination, aspects of study, cognitive-processual aspect, stimulating and motivational aspect, developmental factor, psychotherapeutic aspect, differential-psychological aspect, situational aspect.

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Yushko M. A.

The Developing of Estimation Mechanism of Antiterrorist Sites' Information Content

The article analyzes the different types of information content of the media (mass media). Considering preferences of young people in the choice of media sources, which they use to obtain information about the social and political processes that takes place in the world. To determine these preferences we researched students of SFEDU and of the North Caucasus Federal District. The research was conducted in 2015 year, in the form of survey for young people aged from 14 to 25 years, at Google-Docs online service. The survey was attended by more than 1,500 high school students, the organizations of the middle and high professional education of Rostov and Volgograd regions, Krasnodar and Stavropol edges. Also in the study takes place individual students from other subjects of the Russian Federation as well as people over 25 years. The participants of survey were asked to answer a series of questions, which was related to the information content of various media. Processing of research was carried out using SPSS software.

Based on the analysis of questionnaires, we were revealed the most popular media sources in the environment of youth in our region. This information was used to evaluate the social-political situation in Russia and the world, as well as to identify the most influential media, which currently make up in the equal proportion TV and network Internet.

Based on the data of the study, the author proposes evaluation algorithm of the information richness of sites with antiterrorist directivity by using the method of content analysis and expert evaluation.

Keywords: content, content analysis, site, source of information, type of content, antiterrorist-oriented, expert, expert evaluation, analysis category, the unit of analysis.

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Atamanenko E. S.

The Self-Relation and its Connection with the Emotional Sphere of the Personality of Studying and Working Young People

In article the directions of studying of connection "the self-relation – emotionality" are designated. The author analyzes the interrelation and dependence of the self-relation and its types from phenomena of the emotional sphere of the personality considered in the context of S. L. Rubinstein's ideas of the personality structure and mental shape of the person.

This article includes the results of the empirical research aimed at studying of this interrelation and interdependence in which 46 seniors (16–17 years)

pupils of comprehensive schools of Rostov-on-Don, and also 44 students of SFU (19–20 years) have taken part. We make hypotheses about: various specific weight of separate types of the self-relation in structure of the integrated self-relation of school students and students, young men and girls; primary influence of various emotional and personal lines of young people on their integrated self-relation and its types.

Multiple correlations between the indices of self-esteem and the characteristics of the self-emotional sphere of pupils and students of different genders are analyzed in the article. Results of research testify to expressiveness most of self-esteem in the integrated self-relation of both pupils and students; in the smallest degree – self-interest at school students and expectation of the positive relation of others at students.

Revealed the primary influence of emotional stability (factor C+ 16-PF) and excessive satisfaction (factor Q4– 16-PF) on the integrated self-relation and its kinds (autosympathy and self-interest) in pupils and students; the primary influence of emotional intelligence level on the kinds of self-relation (self-esteem and the expectation of a positive attitude to Other) in pupils and students. Established the gender defines distinctions of the personal lines influencing the integrated self-relation: young men – slackness (excessive satisfaction) (factor Q4– 16-PF), girls – emotional stability (factor C+ 16-PF).

Keywords: self-relation, self-interest, self-respect, autosympathy, positive relation, emotional sphere, personality, emotional intelligence, pupils, students.

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Kim A. E.

Theoretical and Psychological Aspects of Researching Individuals' Life Strategies

This article consolidates and systematizes modern theoretical and psychological aspects of researching individuals' life strategies. It conceptualizes and describes the aspects of researching the life strategy, which is perceived as the means of individuals' existence aimed at adjusting one's individuality to match life conditions.

This document consolidates and conceptualizes several psychological aspects of researching the life strategies, specifically, the substantive, dynamic, typological, evaluative, temporal and methodological aspects.

Research interpretations, contents and life strategy composition are analyzed for each of the aspects. Special attention is paid to the multi-component pattern of a life strategy that is traditionally approached by researchers as a combination of cognitive, affective and behavioral components. It is suggested to complement the components of the life strategy, described in literature sources with a conditional component reflecting the personal awareness about one's individual particularities.

In this article, specific attention is paid to the typological aspect of researching life strategies that is addressed to researching individual and peculiar strategies in empirical studies. The article offers two global conceptual foundations for establishing the types of life strategies: the predominant contents of a specific life strategy component and the self-evaluation of the life strategy that is created by individuals taking into account the perceived success in achieving subjectively acceptable results.

Research evaluations of life strategies, generalized in such terms as "effective", "optimal" and "pessimis-

tic", are also considered in this article. The author depicts the problematic character of such evaluations associated with the incompleteness of individual life strategies at any given moment in time.

On the one hand, the analysis of the temporal aspect of researching life strategies is concentrated on the future-bound direction of the life strategies. On the other hand, it is focused on the present-moment registration of life strategy particularities by researchers.

The list of diagnostic instruments used for researching of the life strategies within the scope of specific empirical studies includes tests, questionnaires, self-descriptions and self-evaluations. It should be noted that empirical studies of the life strategies are traditionally and predominantly focused on the cognitive component of the life strategies, implemented by young university students.

The conclusions are drawn concerning the composition of the life strategies and generalizations are made concerning the trends of its empirical research.

Keywords: *life strategy, life goals, life journey, value-based orientations, life satisfaction, dynamics, typology of strategies, effectiveness, temporal perspective, research methods.*

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Lavreshina A. Iu., Dikaya L. A.
**Psychological Characteristics and
Psychophysiological Correlates of Creativity
and Humor**

This article is an analysis of the literature on the psychological and psychophysiological aspects of the creativity and humor relationships. It analyzes the main approaches to the definition of creativity – from point of view its products, processes and mechanisms. The main characteristics of creativity are highlighted based on summarizing the content of the several of its definitions. The definitions of creativity and humor are given. Such similarities of creativity and humor as mismatch, surprise and novelty, are noted from a psychological point of view. It is noted the similarity of methods and steps of the generating new and humorous ideas. It is shown that humor and creativity are associated with the destruction of familiar contexts and finding new connections between phenomena.

The main approaches to the search of brain correlates of creativity are summarized. The heterogeneity and inconsistency of the results of their study are noted. For example, studies show both right- and left-hemispheric dominance during the creative activity and both the close inter-hemispheric integration and independent functioning of the brain's hemispheres during creating as well.

The fragmentation of studies of the neurophysiological correlates of humor is underlined. The results of these studies' summarizing show that the structures and systems underlying of laughter and joy are distributed throughout the brain. We describe the neural pathways, functionally providing the expression of laughter: 1) arbitrary and unemotional, and 2) spontaneous and emotional.

The explicit shortage of scientific publications on the brain mechanisms of humor generation, on similarities and differences of brain mechanisms of creativity and humor, is marked; the urgency of such research is substantiated.

Based on the performed theoretical analysis, the authors suggest the possibility of the functioning of the neural network, in which the frontal and temporal areas of the brain are involved in the generation of both creativity and humor.

The hypothesis, formulated by the authors about the existence as of a common, universal as specific for the creativity and humor of the neurophysiological

correlates, is waiting for its experimental verification.

Keywords: creativity, humor, psychological mechanisms, innovation, positive emotions, psychophysiological correlates, scientific approaches, creative thinking, insight, brain hemispheres.

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Yatsyk G. G.

Revisiting the Study of Human's Oculomotor Behaviour in the Situation of Important Information' Concealing

The article discusses the main problems of modern researches in the field of eye tracking. Today there are a large amount of researches devoted to the study of various psychological phenomena and mechanisms by tracking the eye movements of the subjects. This method is the most popular in researches devoted to the problems of reading and thinking, and recently the researches in the field of detection of deception using eye-tracker began to develop intensively.

The method of instrumental detection of concealing information using the polygraph is well established and currently is actively used in solving the most complex problems related to the study of memory activity of subjects. This article draws attention to the development of the most promising vectors of eye-tracking method in the field of detection of concealing information, and identifies the main reasons of the importance of research in the field of individual differences in this area.

One of the most promising, but practically unexplored areas is the analyzing of eye movements in a free visual-spatial view. In this article the topicality of this direction is discussed, reviewed the few studies that focus on the study of the research problem, and also discusses adjacent research areas, which achievements can contribute to the development of researches in the field of free visual-spatial view.

Today, the question about the features and use of the polygraph and eye-tracker for detection of concealing information remains current interest. Our review shows the principal possibility of the use of eye tracking to detect deceptive subjects, as well as discussed the unique advantages that this method has.

Keywords: eye-tracking, lie detection, eye movements, oculomotor behavior, eye-tracker, individual features, attention, psychodiagnostics, instrumental lie detection, gaze tracking.

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