

integration of the many mental health disciplines. Culture of empathy drives our common values, trust, cooperation, resilience, coherence, human rights, and humanistic self, and so bridges individual, public and global mental health. The third pillar refers to human dignity and culture of empathy as an essential part of the new 2.0 Enlightenment. Revivifying the Enlightenment is a mental, social, spiritual and political movement that inspires aspiration towards global human spirit, collective mind and humanistic self, public and global mental health, cosmopolitanism and empathic civilization. Building blocks of global mental health and empathic civilization involve public understanding, epistemological authority, empathetic ontological authority and teleological cosmopolitan authority based on inspiring narrative, good faith, reason, science and humanism. There is no health without mental health and there is no individual and collective mental health without culture of empathy based on respect, trust and love.

**Key words:** Public and global mental health, culture of empathy, VUCA world, Anthropocene age, new 2.0 Enlightenment

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## THE FUTURE OF MEDICINE AND PSYCHIATRY

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The presentation will start with a discussion of consequences of socioeconomic trends that have affected societies in the past century, such as those of urbanization, demographic change, and population increase and those which have become apparent more recently such as digitalization, commoditification of social interactions, horizontalization of human relationships and the introduction of artificial intelligence in numerous fields, including that of medicine.

The presentation will then discuss the tasks which will face medicine in general and psychiatrists in particular and suggest steps which should be taken to ensure that psychiatrists of the future can face the changes of social structure and functioning and competently address the new problems which will emerge.

Among these steps will be the changes of undergraduate and postgraduate medical education ensuring the acquisition of essential social skills and knowledge necessary to deal with new problems such as (1) those resulting from the pandemic of comorbidity of mental and physical disorders, (2) those that are related to the difficulties in the provision of care because of the rapidly expanding burn-out of health workers and carers and (3) those that follow the inappropriate use of potentials offered by artificial intelligence and digitalization.

**Key words:** Comorbidity, burn-out, digitalization, social change, education

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## GLOBAL (IN) SECURITY, MENTAL HEALTH AND ARTEFICIAL INTELLIGENCE

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Global security organizations failed to protect our societies and our nations in the case of unprovoked Russian invasion on Ukraine. This aggression is the greatest tectonic change in the global geopolitical security order since the end of the Cold War. Therefore, the world needs new global security architecture to prevent escalation of extreme military doctrines and strategies which may even use chemical, biological or even nuclear weapons. During the war time, people are exposed to devastating and traumatic events which may have a catastrophic consequence on their mental health causing anxiety, depression, PTSD and even suicidal behaviors. To prevent serious mental health disorders among more vulnerable individuals who may develop serious psychopathologies their urgent treatment in the early stages of their physiological, cognitive, emotional and behavioral changes is extremely important. These changes can be objectively assessed by clusters of different multimodal and multidisciplinary features and new therapeutic strategies which should be focused on early prediction and prevention of serious mental health disorders using tools and means of digital psychiatry based on AI and ML. Due to inadequate number of psychiatrists and limited psychiatric resources in coping with the upcoming war challenges on European soil, digital therapeutics wearable devices supported by advanced statistical methods and machine

learning algorithms will be game changer in psychiatry of future. The predictive AI based methodology which can recognized potential chronic psychopathology early enough will have enormous transformational potential to enhance traditional psychiatry. A major strength of these methods is their ability to identify specific non-obvious patterns which are beyond human observation capabilities, but which might be essential for early detection of individuals at high risk of mental health deterioration. Explainable AI in psychiatry might also act as a self-explanatory digital assistant to psychiatrists to analyze huge datasets and recognize patterns and hidden warning signs that a psychotherapist might miss. To prevent the ongoing massive mental health disorders on European soil in Ukraine the WHO should establish a multinational interdisciplinary task force for helping Ukrainian people. Such strategy may play an important role in recovery of Ukrainian society and economy in the post-war period. Their success will depend on the massive use of opportunities which offer new disruptive technology based on wearable digital sensors, digital therapeutic app and AI and ML. These tools and means also provide tremendous opportunity to improve global mental health, making it more affordable, particularly to the population without adequate access to psychiatric services.

**Key words:** Global security, war and mental health, digital psychiatry, wearable sensors, digital therapeutic devices, artificial intelligence and machine learning, EU resilience and recovery program

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## RESEARCH ON THE INFLUENCE OF NETWORK SECURITY EDUCATION BASED ON SOCIAL PSYCHOLOGY ON COLLEGE STUDENTS' MENTAL HEALTH

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**Background:** Mental health is a very broad concept. At the macro level, it shows a state of internal and external regulation, which involves not only the stability of the internal environment, but also the dynamic adaptability of the external environment. For people at different life stages, mental health standards have certain heterogeneity. Social psychology is a subject that analyzes social relations, social influence and social thinking. Social relations include conflict and reconciliation, altruism, attraction and intimacy, aggression, prejudice. Social influence includes group, persuasion, conformity, gender, culture, gene and other influences. Social thinking includes social behavior and attitude, social belief and judgment, and self in society. This discipline is widely used in many fields such as culture, sports and so on. With the increasingly prominent psychological problems of students, the significance of network security education for college students lies in strengthening and improving network security education for college students, which can not only improve the network prevention ability of college students, but also promote the growth and success of college students. Strengthening and improving the network security education of college students is not only to implement the concept of "quality education", but also to comprehensively develop the educational goal. At the same time, this can implement the concept of "running the school according to law", and also provide the possibility for the creation of a harmonious campus. On this basis, colleges and universities need to reform the network security education in colleges and universities. First, establish college students' awareness of network security and improve their ability to prevent network risks. College students do not have enough experience. Also, they do not have mature values, outlook on life, world, and do not have high recognition ability for online fraud. Students lack privacy protection awareness in the process of using the network, which will lead to a large influx of false information, phone fraud, spam. Second, with the help of digital multimedia technology, enrich the teaching form and content of the course. At present, there are few reports about the impact of network security education on college students' mental health, and the research makes an in-depth analysis of this.

**Objective:** As more and more college students drop out of school due to psychological problems, even abnormal or malignant events such as suicide and murder are reported in newspapers from time to time. Generally speaking, the psychological problems of college students can be divided into two aspects. On the one hand, it is a common psychological problem of growth, and is the main psychological problem of college students, mainly manifested as minor psychological obstacles. On the other hand, it refers to unusual psychological problems, which is a relatively rare psychological phenomenon. Usually, students have different levels of psychological barriers. According to the authoritative media of education, students usually have different degrees of psychological problems, and most of them have been proved to be related to the the network in the new media era. The research analyzes the positive effect of network