

OPINION

by Prof. Dr. Theodora Dimitrova, MD

Department of Hygiene and Epidemiology,

Faculty of Public Health

Medical University "Prof. Dr. Paraskev Stoyanov" - Varna,

Member of the Scientific Jury pursuant to Order No. R-109-234 / July 26, 2019. of the
Rector of Medical University - Varna

Subject: Contest for the occupation of the academic position "Associate Professor" in the field of higher education "7. Health and Sport", Professional Degree "7.4. Public Health", in the specialty "Disaster Medicine" for the needs of the Faculty of Public Health, Department "Medicine of Disasters and Marine Medicine" of Medical University - Varna, published in State Gazette No.43 of 31.05.2019.

One candidate participated in the announced competition - Ch. Assistant Professor Nikolina Radkova Radeva

The applicant has submitted precisely all the necessary documents for participation in the competition, which are in accordance with the requirements of the Law for the development of the academic staff in the Republic of Bulgaria, the Regulations for its implementation and the Regulations for the development of the academic staff of the Medical University - Varna.

With Order No. P-109-234 / July 26, 2019 of the Rector of Medical University - Varna I am determined to make an opinion.

Short details of the applicant's career development

Nikolina Radeva obtained her Master's Degree in Health Management at the Medical University of Varna in 2012. In 2016, she obtained her Master's Degree in Medical Informatics and Health Management. In 2018, the candidate successfully defended her dissertation at the Medical University - Sofia in the doctoral program in the specialty "Disaster Medicine" on the topic "Stress Prevention as a Significant Problem for Groups at Risk in Disaster Situations" and obtained an educational and scientific degree "Doctorate" in the scientific specialty "Medicine of disasters".

His work experience at the Medical University "Prof. Dr. Paraskev Stoyanov" - Varna started in 2012 in the International Projects and Programs Department, where he worked as an Expert in International Projects and Programs until 2015. His academic career started in 2015 as an Assistant in Emergency Medicine at the Department of Hygiene, Epidemiology and MBS, Prof. Dr. Paraskev Stoyanov - Varna, where he subsequently won a competition for the academic positions of "Assistant Professor" (2018). In 2019 she was appointed coordinator of the University Center for Maritime Health at the Faculty of Public Health, whose activities she is now coordinating.

The applicant conducts advanced training courses and participates in training seminars both at home and at European universities and educational centers in Budapest, Hungary; Samsun, Turkey; Milan, Italy; Brussels, Belgium; The Center for the Study, Building and Improvement of NATO's Crisis and Disaster Response Capabilities; National Naval Exercise "BRIZ" and others.

The main directions of her postgraduate training and qualification are in the field of emergency medicine; management, planning and organization of population protection in case of disasters; preparation for terrorist attack and counter-terrorism, etc.

See Radeva is a member of scientific and professional organizations, including the Bulgarian Scientific Society for Public Health; The French Society for Disaster Medicine; The Union of Scientists in Bulgaria and the Society of the Disabled - Varna.

See Prof. Radeva uses English, French, Russian and German in her professional and research activities.

General characteristics of the applicant's research and applied activities

The publications and references attached to the competition prove the high scientific productivity of the candidate. A total of 28 publications have been submitted to participate in this competition - the result of her overall research activities, broken down by type as follows:

- Dissertation submitted with abstract - 1 issue;
- Monograph / habilitation work - 1 item;
- Monographs - 1 total;
- Full-text scientific publications - a total of 25 issues, of which:
 - 15 - in periodicals (4 of them in international);
 - 10 - in compilations of reports (1 of which in international ones);
- Textbooks and teaching aids - a total of 2 pieces, 1 of which are in English.

There are also 18 titles of unpublished reports from participation in scientific congresses and conferences.

All publications are correctly described, and publications after the acquisition of the academic position of "Assistant Professor" have been fully enclosed with the materials for the competition.

Scientific research covers scientific issues aimed at a wide range of highly relevant and significant problems in the field of scientific specialty of the announced competition. The main thematic guidelines in research and in the scientific contributions of Ch. Radeva Assistants can be distinguished in the following directions:

- Disaster medicine,
- Medical disaster relief,
- Disaster and emergency preparedness,
- Training in terrorist attack and counter-terrorism,
- disaster and crisis medical coverage for a large number of victims,
- Varia.

The candidate's works have been published in various scientific publications abroad and in Bulgaria, such as: Journal of IMAB - Annual Proceedings; General medicine; Social medicine; News of the Union of Scientists; Cardiovascular diseases; Medical examination; Aviation, Marine and Space Medicine; Varna Medical Forum; Trakia Journal of Sciences; Scripta Scientifica Medica; Toxicological problems and others.

The scientific contributions are of original and confirmatory nature, of theoretical and practical relevance to the region and country.

Special attention is paid to the terminological vocabulary and current aspects of population protection in case of disasters (textbook) and textbooks (monograph).

Research related to the medical geographical characteristics and the consequences of the various disasters typical of the Varna Black Sea region occupy a significant place in the presented scientific works. In-depth studies of floods, fires, landslides, earthquakes and more have been made. disaster situations. The results are important for the modern effective organization of health insurance in case of disasters in the Varna Black Sea region. The risk of marine pollution is analyzed.

Studies related to the organization of the protection of the population in case of disasters include analysis of the organizational structure and management of the activity for the protection of the population in case of disasters in Bulgaria. The organization of medical measures in case of disasters has been systematized; The difficulties and problems facing the health system in case of disasters have been identified and ways to overcome them have been proposed. Updating the measures at the current stages in the organization of medical care and the developed tasks and activities in the case of mass disasters, based on comparison with the experience of other countries, are of essential practical importance.

Scientific papers on possible accidents and ecotrophes, characteristic of Varna Black Sea region: chemical / industrial accidents causing health and environmental problems are very relevant for the characteristics of Varna region. The potential anthropogenic risk of mass poisoning of the population on the territory of Varna after pollution of water and soil with industrial waste, as well as the risk to the health of the population was assessed. Studies in the Varna region show that 17 companies and companies, mainly located in Varna and Devnya, are potentially dangerous. The main poisonous substances are chlorine and chlorine compounds, dichloroethane, trichloroethane, soda ash, nitrogen and phosphorus fertilizers and others.

The papers presented in the Psychological Problems / Stress in Disasters section investigate the levels, root causes, and somatic, psychosocial, and behavioral effects of stress among medical students and seniors. Survivors of distress are leading among the causes of significant stress.

Research in the field of Management, Planning and Organization of Population Protection in Disasters includes surveys assessing the awareness and knowledge of the students of MU - Varna about ecological catastrophes, the consequences of anthropogenic actions (including biological weapons); study of the awareness and preparation of the population from the Varna region for protection in the case of catastrophes; the role of pharmacists in industrial accidents and bioterrorism. A particular focus in this group of studies is the study of awareness, health knowledge and the preparation of people with disabilities to protect themselves in the event of a disaster.

I accept the scientific contributions indicated in the applicant's report. They are delimited by thematic areas and well-justified in the applied scientific papers and documents.

As a summarizing feature of the scientific works, I emphasize the broad scope, the relevance of the topic under consideration, the original character as well as the potential for practical applicability of the results, at regional and national level.

Evidence of the quality of the publications and their reflection in the Bulgarian scientific literature is presented. The report contains a total of 9 positive quotations from Bulgarian authors, which is indicative of the relevance of the topic under consideration and the recognition of the candidate from the Bulgarian scientific community. No reference was made to the quotations from foreign authors and candidate articles published in Impact Factor magazine.

See ace Nikolina Radeva takes an active part in national and international scientific forums and in the field of the announced competition, including as an organizer and lecturer of scientific events.

Project activity - participation as experts and coordinator in 9 research projects:

- Sustainability Work Package 7, EU Health Program, EC Joint Action on Health Workforce Planning and Forecasting (EUHWforce)
- Project BG051PO001-3.1.09- GO 13 „Creating a modern system for career advancement of teachers at the Medical University, .Prof. Dr. Paraskev Stoyanov ”- Varna”, OP .. Human Resources Development ”
- Project BG051P0001-3.3.07-0002 "Student Practices", OP "Human Resources Development"
- Project European Night of Scientists 2014, Horizon 2020
- Project BG051RO001-3.1.08-0040 "Improvement of Management Systems at Medical University - Varna", OP "Human Resources Development"
- Project "Right to Work, Right to Decent Life" to Varna Municipality, Association of Disabled Persons - Varna
- the project “Disasters - hard to overcome discrimination for persons with disabilities” of Varna Municipality. Association of the disabled - Varna
- Project "Non-failure Assistance to the Disabled" of Varna Municipality. Association of the disabled - Varna
- The project "Awareness - a tool for advocacy, protection and right to free choice" of Varna Municipality. Association of the disabled - Varna.

Assessment of the applicant's educational activities

See Prof. Nikolina Radeva is a sought-after teacher with communication skills in the field of the announced competition at the Medical University - Varna. Her annual workload, ranging between 297 and 404 hours, meets the university's teaching standards.

The candidate actively participates in the teaching of students in different specialties with the Bachelor's, Bachelor's and Master's Degree programs, taking lectures in the following disciplines: Emergency Medicine, Emergency Medical Insurance; Disaster and Emergency Preparedness; Ecology and Ecological Disasters; "Terrorist Attack and Anti-Terrorism Training"; "Aid and sequencing of disasters"; Disaster and Crisis Health Insurance with a large number of victims, and more.

The candidate is the author of 2 textbooks and teaching aids for undergraduate, graduate and doctoral students, one of which is published in English.

Participates in the development and updating of curricula and programs of various specialties at the Faculties of Public Health, Medicine, Dental Medicine, Pharmacy and Medical College of Medical University - Varna.

Conclusion

The candidate for participation in this competition fully meets the requirements of the Law for the Development of the Academic Staff of the Republic of Bulgaria, the Regulations for its implementation and the Regulations for the development of the academic staff of the Medical

University - Varna for occupying the academic position "Associate Professor". An up-to-date and original, sufficient scientific output with a broad thematic scope and significant theoretical and practical contribution is provided.

The overall assessment of professional development, teaching and teaching activity, scientific appearances and contributions, the credibility built up, the organizational and expert experience of the candidate give me reason to give a positive opinion and to suggest the members of the Scientific Jury to choose Ch. Assistant Professor Nikolina Radeva, MD, PhD, Associate Professor in Higher Education 7. Health and Sports, Professional Degree 7.4. Public health, in the scientific specialty "Disaster Medicine", for the needs of the Department of Disaster Medicine and Marine Medicine at the Faculty of Public Health of the Medical University - Varna.

Varna,
30.08.2019



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Prof. Teodora Dimitrova, MD, PhD