

STATEMENT

by Assoc. Prof. Dimo Dimov, MD, PhD
Department "Disaster Medicine" – MMA (Military Medical Academy) - Sofia

A member of Scientific Jury as per Ordinance № P-109-234 of 26.07.2019 issued by Rector of Medical University "Professor Dr. Paraskev Stoyanov"

Regarding: *Competition for academic position "Associate Professor" in "Disaster Medicine" specialty in the higher education area of 7. Healthcare and sport, professional field 7.4. Public Health at "Public Health" Faculty, "Disaster Medicine and Maritime medicine" in Medical University "Professor Dr. Paraskev Stoyanov" – Varna, as per published announcement in Governmental Paper, copy. 43, date 31.05.2019.*

There is one participant in the competition – **Chief Assistant Nikolina Radeva, PhD** in „Disaster Medicine and Maritime Medicine” Department, “Public Healthcare” Faculty at Medical University “Prof. Dr. Paraskev Stoyanov” – Varna.

The candidate has submitted all the necessary documents for competition participation, as per requirements of Development of Academic Staff Law of Republic of Bulgaria, as well as the Regulation of application and Regulation of development of academic staff of Medical University – Varna.

Career Development Summary of the Candidate:

From 10/04/2018 r. N. Radeva is PhD in “Disaster Medicine” specialty, Medical University – Sofia.

From 19/02/2016 – present (Endurance - 3 years), she is enrolled into “Medical informatics and health management” Specialty in Medical University Varna.

2010-2012, „Master’s degree“ in „Health Management“, Medical University - Varna

2007-2008, „Master’s degree“ in “Corporate Finances” University of Economics – Varna

2002-2007, „Bachelors degree“ in „Tourism“, University of Economics – Varna

1997-2002, „French Language“, Fifth Language Gymnasium “Yoan Ekzarch” Varna

Qualification:

Chief Assistant N. Radeva has a variable, rich and thorough qualification for the period 2013 to 2019:

- 17/07/2019 – 19/07/2019, Participation in 23rd National Naval Training with international participation “Briz” 2019
- 19/06/2019, Participation in First and Second meeting in “Integrated System for Management of Disaster situations /crisis/ Project, Varna District”, financed by European Consultant Center for Investment Matters through European Investment Bank (EIB0, District Management of Varna.

- 04/06/2019 – 07/06/2019, Participaton in 7th Annual International Conference of Center for Research, Building and Improvement of NATo` abilities to manage crisis and reaction in case of disasters – CMDR COE.
- 10/12/2018-14/12/2018, Participation as a lecturer, topic: „Mental and emotional health. Mental wellbeing and emotional intelligence“ in course „Stress management and resilience training“, financed by The NATO Science for Peace and Security Programme, organized by Center for Research, Building and Improvement of NATo` abilities to manage crisis and reaction in case of disasters – Sofia, together with Military Ministry of Serbia, Belgrade, Serbia.
- 28/10/2018 – 31/10/2018, Participation in work seminar “Dialogue on key health workforce planning data definitions”, Budapest, Hungary
- 18/09/2018-20/09/2018, Participation as a lecturer, topic “Health Risk in case of Floods” in a meeting of competent institutions for execution of measure: PREP39-REAC86 „Holding a training and informational campaign regarding problems with floods” from Plan for management of risk of floods in Black Sea region for basin management of waters 2016-2021, organized by Basin Direction “Black Sea Region”, Ministry of environment ant waters, Varna
- 05/06/2018 – 06/06/2018, Participation in annual conference of Center for Research, Building and Improvement of NATo` abilities to manage crisis and reaction in case of disasters – CMDR COE, Sofia
- 01/06/2018, Training seminar „CMEMS supporting maritime activities in Black Sea”, Bourgas
- 29/03/2018, Presentation, topic: “Medical insuring in case of disasters” Municipality of Varna, Seminar “Modern Problems and instructions for defense – mobilizing preparation and population defense activities 2018” Varna
- 15/02/2018 – 16/02/2018, Held training “First Medical Help in case of accidents at the seaside” within 10 studying hours with 30 military employees, Navy Services, Military Formation 28580, Varna.
- 12/10/2017 – 15/10/2017, Participation in Academy for documentary – International Festival of red cross and health films (through Humanism to Peace and Friendship, 17th edition)
- 18/07/2017, Participation in working meeting with the chairman of French Medicine of Disasters Association– prof. Zhulien, held in VMA – Sofia, together with Bulgarian Red Cross
- 11/09/2016 – 15/09/2016, Participation in 16th international conference “Unpuzzling terrorism”, International Institute for Counter-Terrorism, IDC Herzliya, Israel.
- 7/06/2016 – 9/06/2016, Participation in Third International Seminar in Anti – Terrorism, Medical University-Varna, MBAL “St. Marina” - Varna
- 10/06/2015 – 12/06/2015, Participation in Second International Seminar in Anti – Terrorism, Medical University-Varna, Embassy of Israel in Bulgaria.
- 20/05/2015, Participation in Science Conference “ Sea and health” in regards to European Day of Sea, Medical University – Varna
- 26/09/2014, Participation in European night if scientists 2014 under the moto “In the steps of the genius of Bulgarian medicine Prof. Paraskev Stoynov”, Programme for scientific research and innovation “Horizon 2020”, Medical University – Varna.
- 16/06/2014 – 19/06/2014, Participation in First International seminar in Anti – Terrorism, Medical University – Varna, Embassy of Israel in Bulgaria.
- 5/05/2014 – 8/05/2014, Participation as guest – lecturer at 9th European Medical Students’ Council, Samsun, Turkey.

- 19/09/2013 – 20/09/2013, Participation in work seminar of Work Package 5 „Minimum data set“, JA on Health Workforce Planning and Forecasting, Milan, Italy.
- 3/09/2013 – 4/09/2013, Participation in Kick off Meeting and workshops of Work Package 7 - Sustainability of the Joint Action on Health Workforce Planning and Forecasting, Sofia, Bulgaria.
- 11/04/2013, Participation in Kick off Meeting of the Joint Action on Health Workforce Planning and Forecasting, Brussels, Belgium.

Additional Qualification:

- Continuing medical training, course „First Aid after Terrorism Attack”
- Course „Development and management of European Projects” BG SERT Pegistar LTD, Certificate № 02510.
- Qualification course “Management of Projects”, Development and application of “Programme for qualification and development of professional competence of tutors” Project № BG051PO001-3.1.09-0013 “Development of modern system for career growth of tutors in Medical University “Prof. Dr. Paraskev Stoyanov” – Varna”, Medical University – Varna.
- Qualification course “Management of Quality”, developing and application of “Programme for qualification and development of professional competence of tutors” Project № BG051PO001-3.1.09-0013 „Development a modern system for career growth for tutors in Medical University “Prof. Dr. Paraskev Stoyanov” – Varna”, Medical University – Varna
- Qualification course “Practical application of protection of intellectual property. Inventions and scientific discoveries” Project № BG051PO001-3.1.09-0013 „Development of modern system for career growth of tutors in Medical University “Prof. Dr. Paraskev Stoyanov” – Varna”, Medical University – Varna
- Qualification course “Interactive methods of training” project № BG051PO001-3.1.09-0013 „Development of modern system for career growth of tutors in Medical University “Prof. Dr. Paraskev Stoyanov” – Varna”, Medical University – Varna
- Qualification course “Intensive Special Foreign Language Training in German Language, level A2” Project № BG051PO001-3.1.09-0013 „Development of modern system for career growth of tutors in Medical University “Prof. Dr. Paraskev Stoyanov” – Varna”, Medical University – Varna

Evaluation of scientific activity:

The scientific contribution of N. Radeva are regarding basic headings in the following subjects: “Disaster medicine”, “Medical assistance in case of Disasters”, “Preparedness for Disasters and Breakdowns“, „Preparation in case of Terrorist Attack and Terrorism”, “Medical inuring in case of Disasters and Breakdowns with a large number of injured” and „Disaster medicine“, in which she tutors.

The scientific researchers are mainly in the area of Disaster Medicine:

- Analysis of definitions and basic terms, used with Disaster Medicine and other comment subjects. Classifications. Basic definitions of disasters.

- Chemical breakdowns and consequences for Varna Region, causing health and ecological problems.
- Management, planning and organization of defense of population in case of disasters.
- Medical – Geographical characteristics of eco-catastrophes and consequences – thorough research of floods, fires, earthquakes, other disasters have been made.
- Psychological problems (Stress) in case of disasters.
- Inquiry researches regarding evaluation of level of awareness and preparation of medical staff and population for disasters.
- Researches regarding risk groups and specifically regarding the group of people with disabilities.
- Analysis of medical consequences of disasters and recommendations for improving health of population.
- Ecological problems due to pollution of sea waters.
- Experiments with testing animals and other types of researches.

The overall publicity activity of the candidate consists in total of 45 scientific researches: 2 monographs, 2 training manuals; 40 scientific articles and 1 auto abstract. The publications and other mandatory documents were arranged by groups of indicators and points to comply with the requirements of the Act for the Development of the Academic Staff in the Republic of Bulgaria.

„A“ group of indicators: Summary of PhD thesis – 50 points.

„B“ group of indicators: Habilitation thesis, monograph – 100 points.

„C“ group of indicators: (monograph – 100 points and publications in journals and scientific collections – 214 points) – 314 points.

„D“ group of indicators: citations (items 11 – 10 points and items 12 – 40 points) – 50 points.

Three of the articles are with impact factor of 0,565, total of 1,7.

The scientific participations of N. Radeva are a total of 51 in national and international events, with 35 reports.

The candidate N. Radeva has taken active participation in 10 international, republic and regional projects as an expert and coordinator for the period 2004 – 2019.

The contributions of dissertation research of N. Radeva "Stress prevention as a significant problem for groups at risk in case of disasters" are of significant meaning for protecting population and "groups at risk" in case of disasters in particular.

Regarding prevention of traumatic stress, packages for defense, self-help and help each other for groups at risk have been developed in case of different types of disasters:

- Bandage package (for wounds and traumas).
- A package for radiation defense (in case of radiation breakdown), containing modern proven and approved means for radiation defense – against damaging actors of ionizing radiation.
- Family hygiene-anti epidemiological package (at home and in the office) in case of epidemiologic danger.
- Package in case of chemical breakdown (at home and in the office)

Представените научни трудове и резултатите от изследователската работа имат значителен научен принос и са обособени тематично в 10 научни направления.

The represented monography "Modern aspects of population defense in case of disasters" is interesting and educational reading matter for tutors, interns and students from all specialties of Medical universities.

Definitions of basic terms, used in disaster medicine and other common subject have been collected and analyzed. Qualification of disaster situations from different authors and data bases have been presented.

Analysis of the organizational structure and management of population defense activity in cases of disasters has been made, which is based on the Law for disaster protection (since it has been changed) and other normative documents.

The analysis of the data has shown that on case of disasters, a lot of problems and difficulties occur in front of healthcare system. Ways of handling them have been pointed out.

Tasks and activities in case of mass disasters have been developed in a common way: medical sorting (triage) and evacuation, compared postures of other authors and experience of French, Belgium and German experts from foreign countries.

Evaluation of training – tutoring activity

Chief assistant N. Radeva has more than 6 years and 10 months experience in the particular specialty and 4 years of tutoring experience in MU – Varna. The annual training load is a medium of 300 training hours with students from Bulgarian and English training program.

She actively participates in the training of students from different specialties in programs „Professional Bachelor“, „Bachelor“ and „Master“ while leading practical trainings and lectures in the disciplines : Medicine of Disaster Specialties, Medical assistance in case of Disasters, Readiness in case of Disasters and Breakdowns, Medical Insuring in case of Disasters and Crisis with a large number of injured, etc.

The developed Bi-lingual Term Dictionary (in English and Bulgarian) has a large practical value.

The offered Dictionary is semantical. It contains more than 1200 terms, their definitions and used abbreviations.

The reviewed terminology can be used by scientific workers, tutors, experts of "Fire safety and civil protection", BRC, specializing students, PhD students, and medical universities and colleagues.

Conclusion

The candidate, who participates in the current competition fully covers requirements of Development of Academic Staff Law of Republic of Bulgaria, as well as the Regulation of Application and Regulation of development of academic staff of Medical University – Varna for taking the position "Associate Professor"


Large enough volume of modern and original production in a large topic range and significant theoretical and practical contribution has been submitted.

The overall evaluation of professional development, training – tutor activity, scientific participation and contribution, the built up image, organizational and expert experience of the candidate give me the basis to provide a positive posture and to propose to the members of the Scientific Jury to choose Chief Assistant Nikolina Radeva, PhD for academic position "Associate

Professor” in the area of higher education 7. Healthcare and Sport, professional field 7.4. Public Health in specialty “Disaster Medicine”, for the needs of Department “Disaster Medicine and Maritime Medicine” to the Faculty “Public Healthcare” of Medical University – Varna.

09.09.2019

Sofia


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