

СОФИЙСКИ УНИВЕРСИТЕТ
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TO
THE CHAIRMAN OF THE SCIENTIFIC JURY
DETERMINED BY ORDER № RD - 38-43/20.01.2022
OF THE RECTOR OF SU "ST. KLIMENT OHRIDSKI ", SOFIA

Dear Mr. Chairman,

Attached I am sending you a Review of the Competition for holding the academic position PROFESSOR in the professional field 7.4. Public Health (Social Medicine) - one for the needs of the Medical Faculty of Sofia University "St. Kliment Ohridski ", announced in SN no. 96/19.11.2021. The candidate for the competition is one: **Assoc. Prof. DIANA KRASTEVA IVANOVA, Ph.D.**

Prepared the Review: Internal member of the Scientific Jury, appointed by Order of the Rector of Sofia University "St. Kliment Ohridski ", Sofia № RD – 38-43/20.01.2022, Assoc. Prof. Dr. Velislava Dimitrova Dimitrova, Ph.D.

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The review was written in accordance with the requirements of the Higher Education Act, the Law on the Development of Academic Staff and the Regulations for the Development of Academic Staff at the Medical Faculty of Sofia University "St. Kliment Ohridski "- Sofia

REVIEW

under Competition for holding the academic position PROFESSOR in professional field 7.4. Public Health (Social Medicine) - one for the needs of the Medical Faculty of Sofia University "St. Kliment Ohridski ", announced in SG no. 96/19.11.2021, in accordance with the Order of the Rector of Sofia University "St. Kliment Ohridski ", Sofia with candidate

Assoc. Prof. Diana Krasteva Ivanova, MD

by Assoc. Prof. Dr. Velislava Dimitrova Dimitrova, Ph.D.
Faculty of Medicine, Sofia University "St. Kliment Ohridski "

Presented by Assoc. Prof. Diana Krasteva Ivanova, MD, current associate professor, lecturer at the Department of Neurology, Psychiatry, Physiotherapy and Rehabilitation, Preventive Medicine and Public Health at the Medical Faculty of Sofia University "St. Kliment Ohridski ", Sofia, documents for participation in the competition are made according to the rules of the Regulations for the development of the academic staff at the Medical Faculty of Sofia University "St. Kliment Ohridski ", Sofia and meet the requirements of the Law on the Development of the Academic Staff of the Republic of Bulgaria for participation in such a competition.

PROFESSIONAL AND ACADEMIC DEVELOPMENT:

Assoc. Prof. Diana Krasteva Ivanova, Ph.D. acquired higher education, specialty Nurse - general profile at the Medical University, Medical College, Sofia in 1996. In the same year he started his professional activity as a nurse in the Emergency eye Department of the Queen Joanna University Hospital. For the next 11 years she continued her professional growth as a nurse in the Clinic of Cardiology (Intensive Care Unit) and the Clinic of Cardiac Surgery of the University Hospital "Lozenets". He has been a school teacher for two years.

Her teaching activity is already as an assistant in Social Medicine and Organization of Health and Pharmacy (nursing) from 19.05.2010 at the Medical

Faculty of Sofia University "St. Kliment Ohridski "marks the beginning of her successful ascending academic career.

The candidate in the competition, Assoc. Prof. Diana Ivanova, does not stop improving and educating herself continuously over time. He has completed the educational qualification degree "Bachelor" in the specialty "Social Pedagogy" and professional qualification "Teacher" in FNPP at Sofia University "St. Kliment Ohridski ", educational-qualification degree " Master "in the specialty" Social pedagogy "and professional qualification" Master in social pedagogy, pedagogue "in the Faculty of Social Sciences of Sofia University" St. Kliment Ohridski ", educational-qualification degree" Master "in the specialty" Preschool and primary school pedagogy "and professional qualification" Master in primary school pedagogy "in FNPP of Sofia University" St. Kliment Ohridski ". He has Certificates for more than 10 completed additional qualification courses and completed postgraduate studies, certificates and certificates for participation in national and international forums.

After successfully defending his dissertation on "Organizational model for nursing care in patients with acute myocardial infarction", in 2014 he acquired Educational and Scientific Degree "Doctor" in Social Medicine and Organization of Health and Pharmacy at the Medical University - Sofia, Faculty of Public Health.

Since 2014 he has held the academic position of Associate Professor in the professional field 7.4. Public Health (Social Medicine) at the Medical Faculty of Sofia University "St. Kliment Ohridski ", Sofia. And from 2019 Assoc. Prof. Diana Krasteva Ivanova was elected Deputy dean to the same.

The total work experience of the candidate currently amounts to 25 years, including work experience in the specialty as an Associate Professor in the professional field 7.4. Public Health (Social Medicine) - 7 years.

Since June 9,2011 Assoc. Prof. Diana Ivanova is Technical Secretary of the Department of Neurology, Psychiatry, Physiotherapy and Rehabilitation, Preventive Medicine and Public Health at the Medical Faculty of Sofia University "St. Kliment Ohridski ", Sofia. She is a regular member of the Bulgarian Association of Healthcare Professionals.

TEACHING AND TEACHING ACTIVITY:

From the presented detailed and complete report on the teaching load it is evident that Assoc. Prof. Diana Ivanova has many years of teaching experience at the Medical Faculty of Sofia University "St. Kliment Ohridski".

Assoc. Prof. Ivanova regularly teaches students at the Medical Faculty of Sofia University, majoring in Nursing, Bachelor's Degree in Specialized Disciplines: Philosophy and Introduction to Nursing. Theoretical foundations first and second part; Nursing care for the neurologically ill; Nursing care for the mentally ill; Nursing care for the elderly; Nursing care for infectious patients; Nursing care for children and adults with disabilities; Nursing care

According to the attached academic report on the workload of the competition for PROFESSOR, the candidate has secured classroom employment of at least 399 teaching hours.

The submitted interim report from the Medical Faculty of Sofia University "St. Kliment Ohridski" certifies that Assoc. Prof. Diana Ivanova has more than the required classroom and total educational employment during all her teaching activities. For the last 5 years, her classroom employment has averaged 516.46 hours per year.

Assoc. Prof. Diana Ivanova is the author and holder of four elective courses in the specialty "Nurse" Bachelor's degree - first, second and third year since 2016, all with hours - lectures 15 hours and seminars 15 hours.

1. Preventive nursing care for patients with cardiovascular disease - risk factors and nursing care plan.
2. Nursing care and training of stoma patients
3. Concepts for nursing care management
4. Nursing process management. Administration of documentation in nursing care

Assoc. Prof. Diana Ivanova participates in the compilation and elaboration of the programs and the curriculum of the curricula in the specialized disciplines (fifteen in number) of the specialty "Nurse", Bachelor's

degree at the Medical Faculty of Sofia University "St. Kliment Ohridski ". Since 2014, Assoc. Prof. Ivanova has been carrying out group activities of students majoring in Nursing, Bachelor's Degree in the following areas: Practical foundations of nursing care "Philosophy and introduction to nursing care"; Practical basics of nursing care - Nursing care for patients with somatic diseases; Nursing care at home; Nursing care for children and adults with disabilities.

Participates in the developed system for individual monitoring, assessment and control of knowledge and skills of students majoring in "Nurse" during the training course in specialized disciplines - portfolio.

SCIENTIFIC ACTIVITY:

The presented publishing and scientific activity of Assoc. Prof. Diana Ivanova fully covers and exceeds all required qualitative and quantitative criteria for the announced competition. From the reference for fulfillment of the minimum national requirements under art. 2b of the Law on Health and Sports, professional field 7.4. Public Health (Social Medicine) is found to significantly exceed the criteria set for the academic position of "Professor".

For participation in the competition Assoc. Prof. Ivanova presents a unique dissertation on "Organizational model of nursing care in patients with acute myocardial infarction", two monographs "Organizational aspects of hospital treatment in patients with acute myocardial infarction" and "Medico-social factors in patients with ischemic heart disease "; two University textbooks: Textbook of Nursing – "Planning, preparation and organization of research on the cardiovascular system"; Textbook of Nursing – "Theoretical Aspects of Nursing Education".

The total number of publications in scientific journals submitted for the competition is 39, of which 26 Assoc. Prof. Ivanova is an independent author, 13 publications are co-authored, and 7 of them she is the first author.

23 participations with reports at scientific forums, congresses and conferences were presented.

She has published a total of 57 scientific publications, 45 reports at scientific forums, congresses and conferences.

Assoc. Prof. Ivanova groups her publications in four generalizing directions - Publications related to special nursing care for patients with cardiovascular diseases; Publications relating to the theoretical foundations of nursing education; Publications related to practical approaches to care - development of professional plans for nursing care and Publications related to educational aspects.

Her research interests are mainly in three main areas of public health - socio-medical field, organizational priorities of health care and methods of vocational training.

In her scientific clinical studies, publications and reports, Assoc. Prof. Ivanova makes very in-depth analyzes of various problems in these areas and highlights many valuable conclusions and important news for the general medical clinical practice, guidelines, recommendations and conclusions.

Much of her work concerns the introduction into practice of new models of work and algorithms of behavior, protocols for planning and control, announced for the first time in our country.

The monograph "Organizational aspects of hospital treatment of patients with acute myocardial infarction" presents an organizational model of behavior that reflects the care needs of patients with acute myocardial infarction in different stages of hospital care - emergency, intensive, preoperative, postoperative and therapeutic care. The model shows that the organization of hospital admission, the speed of the diagnostic process and adequate care for patients with acute myocardial infarction are decisive for the results of hospital treatment. It is the dynamics of hospital treatment that requires the introduction of such a model for adequate organization and management of health care, which would be a sure guarantee of quality and comprehensive medical care for patients.

The monograph "Medico-social factors in patients with ischemic heart disease" examines in detail and analyzes in a very broad aspect many of the medical and social factors of this significant disease.

The textbook on nursing care - "Planning, preparation and organization of research on the cardiovascular system" find new practical approaches and trends in nursing care for this large group of patients. Innovations in the organization and training fill a gap in our medical literature at the moment, concerning health professionals, given the use of new tools, models and algorithms. The developed model of sequential activities and technical slips cover all the care, manipulations, activities, procedures, tests and interventions that nurses should perform for patients with cardiovascular disease during their hospital stay. The structured technical data sheets can be used, on the one hand, to train nurses and, on the other hand, to serve as criteria and indicators for assessing the condition and quality of care for these patients.

The textbook on nursing care - "Theoretical aspects of nursing education". Changes in the training of nurses in recent years are aimed at studying the theoretical foundations of the nursing profession, which is based on conceptual models of care of a theoretical nature. By studying the theoretical aspects of nursing, skills for planning and providing nursing care during illness and recovery are developed, covering the physical, mental and social aspects of life in the way they affect health, illness, disability and death. This textbook reflects the theoretical aspects of nursing education, which is aimed at acquiring knowledge and skills for professional monitoring and assessment of care needs of healthy and sick people.

Assoc. Prof. Diana Ivanova is a project manager at the PhScInstitute at Sofia University "St. Kliment Ohridski "on" Determining the needs for care of patients with myocardial infarction "№ 80-10-98/25.03.2021. Has been developed a practical model that allows the implementation of an individual approach to care in patients admitted to hospital with a diagnosis of myocardial infarction. The use of portable computer devices and software developed for this purpose allow faster collection and storage of patient information, as well as the implementation of control by nursing teachers.

As a member of the Scientific Jury, the candidate participates in more than 46 procedures for awarding scientific degrees and academic positions - Educational and Scientific Degree "Doctor" in 24 procedures; for Academic

position "Chief Assistant" 8; for Academic position "Associate Professor" in 13 and for Academic position "Professor" in 1 procedure.

According to a reference from NACID, Sofia, for the period 2012-2021, 15 citations of publications of Assoc. Prof. Diana Ivanova were found. According to a report from the CMLibrary of the Medical University of Sofia, 17 Bulgarian citations were found. 2 citations were found in foreign databases.

The candidate for the scientific title of Professor has been recognized by the Educational and Scientific Degree "Doctor" since 2014. Assoc. Prof. Diana Ivanova shows a rich multifaceted scientific and scientific-applied production, which fully meets the required scientometric criteria for holding the position of Professor.

I believe that the impressive scientific productivity, with the scientific response of the publications, evident from the large number of citations, data on the overall scientific and publishing activities, teaching qualities and the significant contribution of the innovations it makes in the three main directions of public health - social -medical field, organizational priorities of health care and methods of vocational training, show that Assoc. Prof. Diana Ivanova is a very highly qualified professional, ambitious, seeking and building a successful promising scientist, ethical teacher, responsible and capable practitioner who has all the necessary qualities for awarding the academic title Professor.

This gives me reason to strongly support the candidacy of Assoc. Prof. Diana Krasteva Ivanova, Ph.D. for the academic position of Professor.

I give my POSITIVE grade and I suggest to the Honored Scientific Jury to vote positively for the award of the academic title "Professor" in professional field 7.4. Public Health (Social Medicine) of Assoc. Prof. DIANA KRASTEVA IVANOVA, Ph.D.

Sofia, February 2022

Assoc. Prof. Dr. Velislava Dimitrova, Ph.D.