



О P I N I O N

by Assoc. Prof. Vladimir Hristov Gonchev, MD, PhD
Professional area 7.4. "Public health", scientific specialty "Social medicine and organization of health care and pharmacy"
Faculty of Public Health and Health Care, University "Prof. Dr. Assen Zlatarov ", Burgas,
Member of the Scientific Jury, authorized in Decree No. РД - 310 / 12.12.2019 of the Rector of the University "Prof. Dr. Assen Zlatarov "Burgas

According: Competition for the occupation of the academic position of "Professor" in the field of higher education 7. "Health and Sports", professional field 7.4. "Public health", scientific specialty "Organization and management outside the sphere of material production (Health management)". The competition has been issued by the Government Newspaper in number 93 from 26 November 2019.

**One candidate is admitted to the announced competition:
Assoc. Prof. Dr. Eng. Stoyanka Petkova Petkova-Georgieva**

The applicant has submitted all the necessary documents for participation in the competition, which are in compliance with the requirements of the Act for the development of the academic staff in the Republic of Bulgaria (ADAPRB), the Rules for its application and the Rules for the conditions and procedures for acquiring academic degrees and occupying academic positions at the University. "Prof. Dr. Assen Zlatarov "- Burgas.

Short biographical and professional data on the applicant's development

Stoyanka Petkova Petkova-Georgieva was born in Burgas on May 19, 1975. In 1994 she completed her secondary education at the English Language School "Geo Milev" - Burgas. In 1999 at the University "Prof. Dr. Assen Zlatarov ", Burgas graduated with a Master's Degree Program in Industrial Management, an Engineering Degree in Economics, and in 2000. - Master's Degree Program in Chemical Engineering. In 2000, after winning a competition, she was selected as an assistant at the University "Prof. Dr. Assen Zlatarov ", Burgas, having been consistently selected as a senior and chief assistant. At the same time in 2001 she worked as a consultant on the project "Introduction of a Controlling System in the Activity of Lukoil Neftochim Burgas" AD. In 2006 he acquired a doctorate degree in professional field 3.7. "Administration and Management", specialty code 05.02.21, "Organization and management of production (by industry and sub-sectors)". In 2010, in the same professional field, she was successfully elected to the academic position of Assistant Professor. He is currently the Head of the Department of Organization and Management of Health at the Faculty of Public Health and Health Care (FPHHC). He is a member of the Academic Council of the University "Prof. Dr. Assen Zlatarov ", Burgas.

Assessment of quantitative and qualitative indicators

Assoc. Prof. Ph.D. Stoyanka Petkova Petkova-Georgieva presented a signed comprehensive evidence containing detailed lists, references, summaries and full-text copies of scientific works after acquiring the academic position "Associate Professor", certificates and diplomas, references for citations, statement of originality the attached documents. The presented materials contain the necessary information to carry out a quantitative and qualitative

assessment of its overall academic development. Papers presented by Assoc. Prof. Eng. Stoyanka Petkova-Georgieva is in the field and issues of the competition - "Health and Sport", professional direction 7.4. "Public health", scientific. All works are peer-reviewed and have an ISBN.

One habilitation work is presented - monograph on indicator B.1. and one published monograph that was not presented as a major habilitation work under indicator D.5.1. A reference is made to the author's articles, which have been cited a total of 79 times, together with the publications in which the citations are cited.

The applicant fulfills the conditions for occupying the academic position of "professor" in accordance with Art. 29 of the (ADAPRB) and the minimum required points for the academic position of "Professor", according to the (RIADAPRB) in Region 7. "Health and Sport", professional field 7.4. "Public Health". In Table 1, I confirm the scientific-metric values according to which Assoc. Prof. Dr. Eng. Stoyanka Petkova-Georgieva fulfills all the conditions for occupying the academic position of "professor" in accordance with Art. 73 of the Rules of Procedure for the Acquisition of Academic Degrees and Occupation of Academic Positions at the University "Prof. Dr. Assen Zlatarov Burgas and the minimum required points:

Table 1. Minimum required points for the academic position of "Professor" in Area 7. "Health and Sport", professional field 7.4. "Public health" according to the ADAPRB, RIADAPRB. Minimum required points for the academic position of "Professor" in Area 7. "Health and Sports", professional field 7.4. Public Health according to The Rules of the University "Prof. Dr. Assen Zlatarov", Burgas.

Indicators groups	"Professor" by the ADAPRB and the RIADAPRB	"Professor" by the the Rules of the University "Prof. Dr. Assen Zlatarov", Burgas	Assoc. prof. engineer - economist Stoyanka Petkova Petkova-Georgieva
A	50	50	50
Б	-	-	-
B	100	100	100
Г	200	250	1256,67
Д	100	150	725
E	100	120	258,33
Total:	550	670 (E 14 = 60)	2390 (E 14 = 60)

The scientific publications submitted are 37 in total, 19 of which are in the G7 indicator group (publications and reports published in scientific journals, referenced and indexed in world-renowned scientific information databases (Scopus; Web of Science)) and 18 in the group of indicator G8. 16 of the publications in group D7 and 4 of the publications in group D8

are co-authored. There are four issues per group of indicator G9, in which chapters of collective monographs are published, and four textbooks are presented.

Of the total of 47 works submitted for the competition, 22 of them (47%) are independent of the candidate, and 25 (53%) are co-authorship.

All published scientific works with which the applicant participates in the competition do not overlap with the publications that the candidate has submitted in defense of the dissertation for the educational and scientific degree "doctor", as well as for the occupation of an academic position "associate professor".

A reference for the scientific management of more than two PhD students and 19 graduate students has been provided.

She has participated in 17 research projects, of which 11 are funded by external University and business organizations.

Main directions of publishing activity

The submitted works of the applicant correspond in theme and content in three main directions:

- I. Prevention of the health risk of the occurrence of socially significant diseases as a result of: non-observance of healthy, safe and ergonomic working conditions; toxic effects of pesticides, petroleum and petroleum products and chemicals, in the form of nanocomponents;
- II. Mathematical modeling of thermal processes during laser beam penetration into biological tissues by: proving the role of radiation; the role of wavelength, exposure time and size of the primary heat source and the importance of the impulse sequence for regulating the exposure time of the treated tissue volume; the importance of temperature and exposure time; the ability to determine the treated tissue volume and monitor the healing process in real time;
- III. Solving organizational-managerial problems in the field of public health (at micro and macro level) by: applying a methodology with mathematical models; testing of calculation procedures; proposing strategic solutions for the development of health tourism in order to improve the quality of the offered medical and medical services in the field of public health.

Courses and specializations

In 2013, Assoc. Prof. Ph.D. Stoyanka Petkova Petkova-Georgieva has undergone specialized training at the United Nations Organization for the Prohibition of Chemical Weapons, based in The Hague, The Netherlands. The same organization sends it with full funding for specializations combined with work on research projects at Surrey University (Study of one area of plant process optimization of a refrigeration system that provides cooling for the process(UK) and Infineum Singapore Pte. Ltd., Jurong Island and Singapore. In 2017 to the University of D. Mendeleev ", Moscow, Russia undergoes training in" Training Workshop in Russian on Best Practices for Developing the Responsible Care® Program for the Chemical Industry ". She has attended seminars in Vilnius, Lithuania, and at the FLAG Consortium at the University of Delaware, in conjunction with the USAID in Policy Context, Program Development, Project Management, Monitoring and Evaluation, and more.

Teaching

Assoc. Prof. Ph.D. Stoyanka Petkova Petkova-Georgieva has many years of teaching experience at the University "Prof. Dr. Assen Zlatarov "Burgas. Her teaching activities include lectures and seminars in the specialty "Health Management" - Bachelor's Degree Program, Master's Degree and Postgraduate Qualification, Nurse's Degree - Bachelor's Degree, Paramedic - Fourth Degree - Postgraduate Qualification, Industrial Management, Business Management, Tourism, Marketing, Marketing in a number of subjects, including: Health Economics, Health Financing, Health Insurance Systems and Funds, Efficiency and Competitiveness, With economic analysis, financial management, technical analysis,

fundamentals of accounting, project financial management, controlling, analysis of working time and pay and more.

Conclusion

Examination of the materials for the competition for the occupation of the academic position of "Professor" by Assoc. Stoyanka Petkova-Georgieva shows that they are covered and repeatedly exceed, both quantitatively and qualitatively, the regulatory requirements of the Act Law on the Development of the Academic Staff of the Republic of Bulgaria (ADAPRB), the Regulations for the implementation of the University "Prof. Dr. Assen Zlatarov" - Burgas. The applicant submits a sufficient volume of scientific papers that have original scientific and applied contributions that have received international recognition, with some scientific and metric indicators showing that they exceed the much required minimum (as shown in the documents in the documents, especially in indicators D, E and E). Most of the research by Assoc. Prof. Ph.D. Stoyanka Petkova-Georgieva has been published in international journals, referred to and indexed in world renowned databases of scientific information or cited in such journals.

In conclusion, I give a positive assessment of the activity of Assoc. Prof. Dr. Eng. Stoyanka Petkova-Georgieva and VOTE POSITIVE, proposing that the members of the scientific jury also vote positively for her choice of academic position of "professor" in the field of higher education 7. Health and sports; Professional area: 7.4. Public Health; Scientific specialty: Organization and management of non-material production (health management) for the needs of the Department of Organization and Management of Public Health at the Faculty of Public Health and Health Care at the University "Prof. Dr. Assen Zlatarov" - Burgas.

05 March 2020
Burgas

Signature:
Assoc. prof.