

## Statement of opinion

By Prof. PhD Toni Yonkov Vekov, MD

Member of Scientific jury regarding a procedure for obtaining the academic position of Professor in the high education area 7. Public health care and sport, professional field 7.4 Public health, scientific field "Organization and management of non-material production (health management)", at the University of Prof. Dr. Asen Zlatarov, Burgas.

Based on Order № RD-310/12.12.2019 of the Rector of the University of Prof. Dr. Asen Zlatarov, Burgas I have been appointed as a member of the scientific jury at the following procedure and at the first hearing, which does not require attendance, to present a statement of opinion. There is only one applicant in the competition for obtaining the academic position of Professor- Assoc. Prof. Engineer Stoyanka Petkova Petkova-Georgieva.

### Biography

Assoc. Prof. Stoyanka Petkova Petkova-Georgieva was born on May 19, 1975. In 1994 she graduated from the *Geo Milev Secondary Language School, Burgas*. In 1999 she graduated from the *University of Prof. Dr. Asen Zlatarov, Burgas* with a Master's degree in *Industrial Management* and in the year 2000- with a Master's degree in *Crude oil technology*. In 2006 she successfully defended a PhD thesis on *Research and improvement of the controlling methods in the workflow of factories following the example of the oil refining industry* with specialty code: *05.02.21 Management and organization of production processes (according to branches and sub-branches)*, scientific field *3.7. Administration and management*.

Assoc. Prof. Stoyanka Petkova-Georgieva has been working at the *University of Prof. Dr. Asen Zlatarov, Burgas* since 2000. Her occupational experience as a university lecturer is presented in the following order: Assistant (2000-2002); Senior Assistant (2002-2006); Chief Assistant (2006-2010); Associate Professor (since 2010). The educational activities and scientific interests of Assoc. Prof. Stoyanka Petkova-Georgieva are focused on industrial management, business administration, tourism, business planning and control, analysis of petroleum products and solid fuels, health insurance systems, economics in healthcare etc.

Since 2016, Assoc. Prof. Stoyanka Petkova-Georgieva is head of the *Department of Organization and Management of Public Healthcare*.

## Assessment of scientific work

The presented data from scientific papers and participation in scientific forums can be classified according to the requirements of *The Law for Preserving the Academic Staff in the Republic Bulgaria (Table 1)*.

Table 1: Indexes of the candidate, according to the law

Indexes	Required points for academic position Professor	Points of the candidate
A1 Thesis for Academic Degree PhD	50	50
B3 Monograph	100	100
G5 Published Monograph	200	100
G7 Publication in scientific journals Scopus, Web of Science		260
G8 Publications in non-referenced journals		480
G9 Published chapter in collective monograph		36.67
D10 Quotation in scientific journals Scopus, Web of Science	100	480
D11 Quotation in monographs and collective monographs with scientific reviewing		20
D12 Quotations in non-referenced journals		225
E14 Supervision of successfully graduated PhD student	100	60
E16 Participation in a national scientific or educational project		15
E17 Participation in an international scientific or educational project		40
E19 Supervision of an international scientific or educational project		40
E20 Published university handbook		103.33
<b>Total points</b>	<b>550</b>	<b>2010</b>

The points of the applicant Assoc. Prof. Stoyanka Petkova-Georgieva exceed the legally required points for receiving the academic degree *Professor*. Her points are 3.5 times higher than the minimum required points.

The most remarkable aspects of Assoc. Prof Petkova-Georgieva's scientific work are her contributions in the field of public health, which have been designated into

several categories: 1. *Economics of healthcare*; 2. *Healthy and ergonomic labour conditions*; 3. *Healthcare funding*; 4. *Administration and management of public health organizations*; 5. *Applying tools for economic analysis within the healthcare sector*; 6. *Impact of laser treatment on biological tissue*; 7. *Development and perspectives of health tourism etc.*

The main scientific contribution in the field is related to research of practical models, which describe the dispersal of and the relation between laser treatment and biological tissue via different software applications. They allow scientists to study the length of the wave of the laser beam and the effect on the impact, which will allow reducing the thermal damage on surrounding biological tissues as a result of which less biological damage will be inflicted on the structures.

Another significant scientifically applied contribution is a survey on the possibilities of developing health tourism in the region of Burgas, which includes a thorough analysis on the willingness of health institutions and tourist organizations as well as a public poll about the opinion of the masses and the caterers of health and tourist services.

### **Scientific activity**

Assoc. Prof. Stoyanka Petkova-Georgieva is the *Head of the Department of Organization and Management of Public Health Care* at the *Faculty of Public Health and Healthcare* at the *University of Prof. Dr. Asen Zlatarov, Burgas*. She is also a member of the Academic and Faculty Council.

The scientific work of the candidate includes lectures and seminars with students with specialty *Health management, Nurse, Industrial management, Business administration, Tourism and Marketing* with a large number of handbooks, including: 1. *Economics of healthcare*; 2. *Healthcare funding*; 3. *Health insurance systems* 4. *Efficiency and competitiveness*; 5. *Business analysis*; 6. *Financial analysis*; 7. *Finance management*; 8. *Technical analysis*; 9. *Basics in accounting*; 10. *Financial management of projects*; 11. *Controlling*; 12. *Analysis of working hours and labor payment*.

### **Conclusion**

Assoc. Prof. Stoyanka Petkova-Georgieva has obtained the academic degree PhD. For the current competition she has presented a significant number of scientific

publications, quotations and scientific projects, which exceed the quantitative requirements of *The Law for Academic Staff Development in the Republic Bulgaria* for obtaining the academic degree *Professor*.

The scientific work of Assoc. Prof. Petkova-Georgieva characterizes her as a seeking, energetic research-worker with the spirit of an innovator in the field of public health. Her entire scientific work is characterized with significant contribution in the field of public health.

The scientific work of the applicant covers a wide range of subjects and specialties, which are taught at the *University of Prof. Dr. Asen Zlatarov, Burgas*.

Therefore I give my positive assessment and propose Assoc. Prof. Stoyanka Petkova-Georgieva for the academic degree *Professor* with academic specialty (scientific field) "*Organization and management of non-material production (health management)*" in the department of *Organization and Management of Public Health Care* at *Faculty of Public Health and Healthcare*, at the *University of Prof. Dr. Asen Zlatarov, Burgas*.

Signature:

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