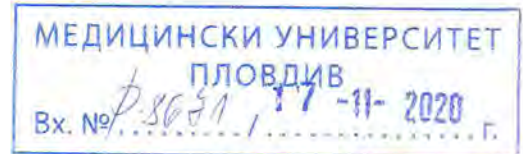


To the chairman of the scientific jury,
determined by Order № P - 1745 / 12.10.2020
of the Rector of the Medical University - Plovdiv
V.Aprilov Blvd. 15A
4002 Plovdiv



Attached I present: Review

for the competition for the academic position of "Associate Professor"
in the scientific specialty "Health Care Management"
announced for the needs of MU-Plovdiv, Department of Obstetric Care
in the SN, issue 60 / 07.07.2020

Prepared by: Prof. Galina Stamova Tchaneva, PhD

Scientific specialty: Social medicine and organization of healthcare and
pharmacy

Institution: Department of Health Care, Faculty of Public Health, Medical
University-Sofia

Analysis of the career profile of the candidate

Chief assistant Milena Sandeva graduated as a midwife in 2003 at MU-Plovdiv. He graduated with a Bachelor's degree in Health Care Management in 2008, and in 2011 with a Master's degree in the same specialty. He acquired a specialty in Public Health in 2017. He defended his dissertation on "Frequency and medical and social aspects of preterm birth" in the specialty "Health Care Management" in 2019.

M. Sandeva began her professional development as a midwife at the University Hospital "St. George" in Plovdiv. Since 2015 she has been an assistant at MU-Plovdiv, and since 2019 she has been a chief assistant at the Department of Obstetrics at MU-Plovdiv.

The candidate presents a significant number of certificates and certificates for participation in postgraduate qualification courses, which shows her durable interests in the field of public health, as well as her desire to develop and improve in her chosen professional field.

Chief assistant M. Sandeva, PhD is a member of the following national and international organizations:

- Bulgarian Scientific Society of Public Health
- Bulgarian Association of Healthcare Professionals
- Bulgarian Society of Obstetrics and Gynecology, Section "Midwives"
- European Public Health Association

The professional and career development of Chief assistant Milena Sandeva, PhD shows not only experience in the field of obstetric practice, but also development in the teaching field, as well as serious interests in research in the field of obstetric care and public health.

General description of the submitted materials for the competition

The documents presented by Chief assistant Milena Sandeva, PhD meet the Law on the Development of the Academic Staff, the Regulations for the Application of the Law on the Development of the Academic Staff and the Regulations of MU-Plovdiv.

Evaluation of the candidates scientific works for the overall academic development

Chief assistant M. Sandeva presents for participation in the competition a dissertation, a monograph, 13 publications and 8 citations.

Developed by Chief assistant M. Sandeva dissertation is on the topic: "Frequency and medical and social aspects of preterminal birth" with supervisor Prof. Dr. Elena Uchikova, MD.

A significant contribution of the dissertation is the study of the factors related to the lifestyle of the mother, leading to the birth of a premature child. Medical factors and chronic diseases in pregnant women have also been studied. An algorithm for early detection of pregnant women with increased risk of preterm birth has been developed. In this way, it is possible to enrich the practice of midwives in order to achieve better results in the care of women during pregnancy and to achieve prevention of preterm birth.

The candidate participated in the development of a textbook on "Special care for women with gynecological diseases", which was developed under the scientific editorship of Prof. Dr. Blagovest Pehlivanov and the author's team. The development of teaching aids for the training of midwives is an essential factor in improving the quality of training and creating conditions for achieving better results in the training of students.

Chief assistant M. Sandeva, MD performs research and analysis in the following areas:

- An analysis of the frequency of preterm birth of women admitted for treatment in the Obstetrics and Gynecology Clinic of the University Hospital "St. George" - Plovdiv.
- A study of the risk factors for preterm birth has been conducted.
- The factors related to the lifestyle of mothers leading to the birth of premature children have been studied.
- The reproductive attitudes and behavior of the students majoring in midwifery at MU - Plovdiv were studied.
- A study of the reproductive history of the mother and her relationship with the birth of a premature child.
- An assessment of the influence of menstrual factors in women with non-small cell lung cancer has been made.

A significant part of the publications of Chief assistant M. Sandeva are published in the journal "Obstetrics and Gynecology", which is referenced and indexed in the Scimago Journal and Country Rank.

According to the submitted documentation, the scientific publications of Chief Assist. M. Sandeva are cited in 8 scientific sources, 5 of which are cited in

refereed and indexed journals; 1 citation in a monograph; 3 citations in unrefereed journals.

Chief Assistant Sandeva participates in the following projects:

1. "Center for Family Planning and Prevention of Reproductive Health in Children and Adolescents 10-19 years" under the Program BG 07 "Public Health Initiative", funded by the Norwegian Financial Mechanism of the European Economic Area 2009-2014.
2. Project "Student internships - phase 2", participation in conducting practical training of students.

Participation in research projects is an opportunity to study the methodological foundations and organizational aspects of research, as well as to acquire skills for planning and carrying out the stages of research.

Evaluation of the monographic work or equivalent publications submitted for participation in the competition for "ASSOCIATE PROFESSOR":

Chief Assistant M. Sandeva presents a monograph on "Socio-democratic, economic and behavioral factors influencing premature birth."

The monograph is aimed at studying the complex of factors that influence preterm birth, which is associated with neonatal mortality and neonatal morbidity. Scientific data from different countries on the issues under consideration have been collected and analyzed. The question of the influence of stress during pregnancy has been considered in great depth. A retrospective study shows that chronic stress, followed by the pregnant woman's marital status, smoking, deteriorating finances, unemployment and low education, are of paramount importance for preterm birth.

The monographic work shows the interests of Chief assistant. M. Sandeva in the field of obstetric care and her motivation to use scientific methods and techniques to identify problems related to pregnancy and childbirth. It is also clear that the author uses an appropriate scientific style for an in-depth analysis of the problems in obstetric practice and skillfully applies the methods for proving a scientific hypothesis.

Complex, qualitative assessment of the teaching-methodical and teaching activity, incl. scientific guidance of students, doctoral students, postgraduates

The study load of Chief Assistant M. Sandeva is significantly higher than the regulatory requirements of MU-Plovdiv, conducting practical training of students majoring in "midwife". For the last three years the study load of the candidate is the following:

- For the academic year 2017/2018 - a total of 627.6 hours
- For the academic year 2018/2019 - a total of 639.8 hours
- For the academic year 2019/2020 - a total of 765.2 hours

General assessment of the candidate's compliance with the mandatory conditions and the mandatory quantitative criteria and scientometric indicators according to Regulation for holding academic positions at MU-Plovdiv.

Minimum requirements by group of indicators for the academic position "Associate Professor"

Group of indicators	Associate Professor	Candidate Chief Assistant M. Sandeva, PhD
A Indicator 1	50	50т.
B Indicator 2	-	-
V Indicator 3 + 4	100	100т.
G Indicator from 5 to 9	200	282,5т.
D Indicator from 10 to 12	50	85т.
E Indicator from 13 to the end	-	120т.

Conclusion

The research and teaching activity of Chief Assistant Milena Sandeva, PhD show her deep interests and desire for development in the field of public health. The documents submitted for participation in the competition fully meet and exceed the mandatory and specific conditions and scientometric criteria for holding the academic position of "Associate Professor" in Professional Field 7.4. "Public Health" and the scientific specialty "Health Care Management". The above gives me reason to recommend to the scientific jury to award Ch. Assistant Professor Milena Sandeva, PhD Academic Position "Associate Professor".

09.11.2020

Reviewer:

Prof. G. Tchaneva, PhD

