

OPINION

Лесотехнически университет
Агрономически факултет
№ АФ-4893
СОФИЯ... 8. 2020

On the materials for participation in a competition for the academic position "Associate Professor", field of higher education 6. "Agricultural Sciences and Veterinary Medicine", professional field 6.1. "Crop production", scientific specialty "Fruit Growing", announced by the University of Forestry in SG no. 32 / 03.04.2020, procedure code AGR - AsP - 0320 - 37.

Candidate for participation in the competition:

Chief Assistant Professor PhD Denitsa Dimitrova Serbezova

Prepared the opinion: Prof. Dr. Kiril Todorov Popov, corresponding member at BASA, field of higher education 6. "Agricultural Sciences and Veterinary Medicine", professional field 6.1. "Crop production", scientific specialty "Viticulture" appointed by order № ZPS - 240 / 10.06.2020 by the Rector of UF.

Brief biographical data of the candidate. Chief assist. prof. PhD Denitsa Dimitrova Serbezova was born on January 29, 1980. She graduated with a bachelor's degree in "Viticulture and horticulture" specialty at the Agricultural University - Plovdiv.

Specializes in:

- AgroBioInstitute - Sofia (*Serological method Elisa, DNA methods for determination of genetic diversity, in vitro methods and the application in berry crops*) - 2003;
- Institute of Pomology and Floriculture - Poland [*Research Center of Excellence in Sustainable Pomology – Pomo Center, Project no QLAM - 2001-00402 (5th Framework Program, accompany in measure). Research Institute of Pomology and Floriculture, Skierniewice, Poland*] - 2006;
- Heilongjiang Academy of Agricultural Sciences in Harbin - PRC (*Investigation of genetic resources and breeding at raspberry*) - 2009-2011.

She defended her doctoral dissertation at the Institute of Agriculture – Kyustendil in 2007 on the topic: "Raspberry breeding – economic and biological valuation of elites"

She started work in at the Institute of Agriculture - Kyustendil in 2008 as a research associate I degree on raspberry breeding in the department "Berry crops". The same year she was accepted as an assistant professor in fruit growing at the Department of "Horticulture" at the University of Forestry - Sofia.

Since 2011 she has been a chief assistant professor.

She speaks English, Russian and Chinese in a different level.

Conformity of the submitted documents and materials of the applicant, according to the requirements of Regulations of DAS in UF. The documents submitted by the candidate in the competition ch. Ch. assist. prof. PhD Denitsa Dimitrova Serbezova meet her requirements for qualification, work experience and activities for holding the academic position of "Associate Professor", defined in the relevant regulations.

Evaluation of the educational – teaching activity. Ch. assist. prof. PhD Serbezova has 12 years of teaching experience in the scientific specialty in which the competition was announced. During this period she carried out various educational-teaching activities in the specialty "fruit growing". She leads a lecture course and exercises in 10 disciplines - 3 in the bachelor's degree and 7 in the master's degree (5 according to the old curriculum). There are 12 Courses syllabuses prepared and adopted. Under her guidance, 5 diplomatheses of students were developed and defended. She reviewed 2 diplomatheses. Participate since conducting internships and practices in the disciplines she teaches.

In connection with her professional training she participates in 9 educational courses.

Ch. assist. prof. PhD Serbezova is a well-developed lecturer with the necessary theoretical and practical training and good skills and approaches for work in with students.

Evaluation of the scientific, scientific-applied and publishing activity. In the competition for associate professor ch. assist. prof. PhD Serbezova participates with a total production of **40 works** grouped as follows:

❖ Scientific publications in the nomenclature specialty 40 issues, of which:

Related to the doctoral dissertation - 3 pieces, *that are not subject to review*;

- ✓ Referred and indexed scientific publications - 12;
- ✓ Unreferred journals with scientific review - 15;
- ✓ Scientific-applied /brochures / - 6;
- ✓ Monographic work - 1;
- ✓ Studios - 1;
- ✓ Learning tools - 1;
- ✓ Study guides - 1.

Ch. assist. prof. PhD Serbezova participates in 5 national and 5 international scientific forums. She also participates with 3 oral presentations and 3 posters in scientific conferences together with students.

She was awarded a golden medal at the Seventh National Exhibition "*Inventions-Transfer-Innovation*" held in 2016 in Sofia for the presented development "*Technology for integrated raspberry production*".

➤ *Participation in scientific, scientific-applied and educational projects.* Ch. assist. prof. PhD Serbezova participates in 14 projects, one of which is international. Twelve of the projects are scientific and two are educational.

➤ *Characteristics of the published scientific results.* The developed scientific problems correspond to the scientific specialty in which the competition for "associate professor" has been announced.

The presented scientific publications are written in a scientific style, correctly interpreted and with in-depth discussion of the obtained results.

Conducted by ch. assist. prof. PhD Serbezova research and applied work in fruit growing is purposeful and large-scale. A significant part of the research was conducted in field and laboratory conditions in cooperation with other specialists, which defines the developments as completed, with correct theoretical and applied solutions.

➤ *Impact of scientific activity in literature.* The wide-ranging scientific activity and the significance of the achieved research results from ch. assist. prof. PhD Serbezova are confirmed by the 16 citations, the reference of the scientific production in a number of databases and by the titles of a number of Bulgarian and foreign journals.

➤ *Contributions in the works.* As a result of the overall and in-depth research activity, 32 contributions were derived, which were summarized as original, such as confirmatory and scientifically applied.

The derived original contributions and those of a confirmatory importance have significant scientific and applied value and enrich the existing knowledge and theories in the field of fruit growing. Particularly valuable from a scientific and especially from a practical point of view are the 14 scientifically applied contributions that could be used in the practice.

The scientific works correspond to the defined requirements and criteria in the specialized normative regulation: LDASRB, the Regulations for application of LDASRB and the Regulations of UF for application of LDASRB.

The presented scientific production by ch. assist. prof. PhD Serbezova defines her as an established researcher in the field of fruit growing.

The analysis of the data from the competition materials shows that the overall teaching and research work of ch. assist. prof. Serbezova is directly related to the main problems of Bulgarian fruit growing, relating mainly to berry crops and the main

fruit species grown in Bulgaria. Thus, the author's research and decisions are imposed as relevant and fit into the problems of modern fruit growing science and practice.

Critical remarks and recommendations. I have no specific comments on the submitted materials.

I will allow myself to make a recommendation to the candidate. In my opinion, it would be use ful for fruit growing science to try to summarize and presentits numerous diverse studies and reviews in a monograph and text book.

Personal impressions. I know ch. assist. prof. Serbezova from her admission to the University of Forestry and my personal impressions, and the achieved results are that she is hard working, organized, precise, responsible, competent, communicative and collegial, teacher and researcher in the field of fruit growing, whoworks effectively, monitors and success fully applies the innovations in the taught tteaching material. Correct, responsive and willing to improve. She enjoys the respect and trust of teachers, students and producers from the agricultural sector.

I wish her to continue to work enthusiastically in bo thteaching and research and to serve as an example to her colleagues in the department.

CONCLUSION:

Based on the analysis of the teaching, scientific and scientific-applied activity of the candidate, I believe thatch. Ch. assist. prof. PhD Denitsa Serbezova full ymeets the requirements of LDASRB, RALDASRB and the Regulations for DAS at the University of Forestry. The scientific production of the candidat eissufficient in volume and quality, it is related to solving current problems of agriculturals cience. The results have been published in prestigious Bulgarian and international publications and have been of in terestto Bulgarian and foreign scientists. She acts as a responsible teacher and scientist.

All this gives mereas on to evaluate "**POSITIVE**" her entire activity.

I allow myself to propose to the respected members of the scientific jury, appointed by Order № ZPS - 240 / 10.06.2020 of the Rector of UF, also to vote for a giving Chief Assistant Professor PhD Denitsa Dimitrova Serbezova the academic position of "**Associate Professor**" in the professional field 6.1. "Crop production" in the scientific specialty "Fruit growing".

Date:.....
Sofia

PREPARED OPINION BY:

(Prof. Dr. Kiril Popov)