



Zvezda Bogevska

Date of birth: 30/08/1980 |

Nationality: Macedonian/citizen of the Republic of North Macedonia |

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WORK EXPERIENCE

01/2024 – CURRENT 1000 Skopje

FULL PROFESSOR ON SCIENTIFIC FIELD VEGETABLES SS. CYRIL AND METHODIUS UNIVERSITY IN SKOPJE, FACULTY OF AGRICULTURAL SCIENCES AND FOOD - SKOPJE

Teaching on several courses for vegetable crops production, standardization of vegetables and flowers, general principles of vegetable and flower production, urban horticulture

2019 – 2024 1000 Skopje

ASSOCIATE PROFESSOR ON SCIENTIFIC FIELD VEGETABLES SS. CYRIL AND METHODIUS UNIVERSITY IN SKOPJE, FACULTY OF AGRICULTURAL SCIENCES AND FOOD - SKOPJE

Teaching on several courses for vegetable crops production, standardization of vegetables and flowers, general principles of vegetable and flower production, urban horticulture

2014 – 2019 1000 Skopje

ASSISTANT PROFESSOR ON SCIENTIFIC FIELD VEGETABLES SS. CYRIL AND METHODIUS UNIVERSITY IN SKOPJE, FACULTY OF AGRICULTURAL SCIENCES AND FOOD - SKOPJE

Teaching on several courses for vegetable crops production and standardization

2012 – 2014 1000 Skopje

ASSISTANT ON VEGETABLE CROPS SS. CYRIL AND METHODIUS UNIVERSITY IN SKOPJE, FACULTY OF AGRICULTURAL SCIENCES AND FOOD - SKOPJE

Practical work on several courses for vegetable crops

2009 – 2012 1000 Skopje

ASSISTANT ON GARDENING SS. CYRIL AND METHODIUS UNIVERSITY IN SKOPJE, FACULTY OF AGRICULTURAL SCIENCES AND FOOD - SKOPJE

Practical work on several courses for vegetable crops

2004 – 2009 1000 Skopje

JUNIOR ASSISTANT ON GARDENING SS. CYRIL AND METHODIUS UNIVERSITY IN SKOPJE, FACULTY OF AGRICULTURAL SCIENCES AND FOOD - SKOPJE

Practical work on several courses for vegetable crops

2003 – 2004 1000 Skopje, North Macedonia

TEACHING - RESEARCH COLLABORATOR AT THE DEPARTMENT OF VEGETABLE AND FLOWER CROPS SS. CYRIL AND METHODIUS UNIVERSITY IN SKOPJE, FACULTY OF AGRICULTURE - SKOPJE

Practical work on several courses of gardening

2002 – 2003 Skopje, North Macedonia

DEMONSTRATOR AT THE DEPARTMENT OF VEGETABLE AND FLOWER CROPS Ss. CYRIL AND METHODIUS UNIVERSITY IN SKOPJE, FACULTY OF AGRICULTURE - SKOPJE

Practical work on several courses of gardening

● EDUCATION AND TRAINING

2009 – 2014 Skopje, North Macedonia

DOCTOR OF AGRICULTURAL SCIENCE PHD Ss. Cyril and Methodius University in Skopje, Faculty of Agricultural Sciences and Food - Skopje

Storage of onion landrace 'buchinska arshlama' in traditional method and in cold storage. Measurements of quality loss during storage. Determine the best period for cold storage in order to get all year supply of onion.

Website <http://www.fzhn.ukim.edu.mk/en/> | **Field of study** Crop and livestock production , Horticulture |

Thesis " Technology of storage, losses and chemical changes during storage of onion landrace buchinska arshlama"

2004 – 2008 Skopje, North Macedonia

MASTER OF AGRICULTURAL SCIENCE MSC Ss. Cyril and Methodius University in Skopje, Faculty of Agricultural Sciences and Food - Skopje

Seedling pepper production on different substrates.

Results - the best substrate for seedlings quality and further development, growth and yields of bell pepper.

Website <http://www.fzhn.ukim.edu.mk/en/> | **Field of study** Crop and livestock production , Horticulture |

Thesis "Influence of substrate type on quality, growth and development of pepper (Capsicum annuum L.)"

1999 – 2003 Skopje, North Macedonia

BACHELOR OF SCIENCE IN AGRICULTURE BSC Ss. Cyril and Methodius University in Skopje, Faculty of Agricultural Sciences and Food - Skopje

Recommendation of the best complex fertilizers on growth and yields of greenhouse production of cucumber type gherkins

Website <http://www.fzhn.ukim.edu.mk/en/> | **Field of study** Crop and livestock production , Horticulture |

Thesis "Impact of complex fertilizers on the yield of cucumber (Cucumis sativus L.), type gherkins grown in greenhouses"

● LANGUAGE SKILLS

Mother tongue(s): **MACEDONIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2
FRENCH	A2	B1	A2	A2	A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● DIGITAL SKILLS

Microsoft Office | Microsoft Word | Microsoft Excel | Microsoft Powerpoint

● **DRIVING LICENCE**

Driving Licence: B

● **CONFERENCES AND SEMINARS**

Conferences

Conference with panel discussion on the topic: "Digitalization in agriculture - challenges and opportunities for the Macedonian agricultural and food sector", organized by the Faculty of Agricultural Sciences and Food - Skopje on June 3, 2024, Skopje

4th International Symposium for Agriculture and Food, 12-14 October 2022, Ohrid, North Macedonia

3rd International Conference on Nutrition, Food Science & Food Chemistry, February 05. Food Science Webinar, 2022 (virtual event)

10th Symposium with international participation "Innovations in Crop and Vegetable Production 2021". October 21-22. Belgrade. Republic of Serbia.

VIII SEE Symposium on Vegetables and Potatoes, 24-26 September 2021 Ohrid, North Macedonia (virtual event),

Conference "Climate Action: Prevention and Treatment", Hotel Holiday in - Skopje, organized by the Institute for Communication Studies, 21.11.2019

53rd Croatian and 13th International Symposium on Agriculture, Vodice, Croatia, 18-23 February, 2018

3rd International Symposium For Agriculture And Food – ISAF 2017, Ohrid, Republic of Macedonia, 18 – 20 October, 2017

5th International Symposium on Agriculture Sciences, AgroReS, Banja Luka, Bosnia and Herzegovina, February 29 – March 3, 2016

2th International Symposium for Agriculture and Food, Ohrid, Republic of Macedonia, 7-9 October 2015

Fifth international Scientific Agricultural Symposium "Agrosym 2014", 2014, East Sarajevo, Bosnia and Herzegovina

IV Balkan Symposium on Vegetables and Potatoes, 2008, Plovdiv, Bulgaria

Conference with workshop: Storage of Fresh Vegetable, Fruits and Flowers, Faculty of Agricultural Sciences and Food-Skopje, Faculty of agriculture-Novı Sad, 2007, Ohrid, Macedonia

XII Symposium on Biotechnology, 2007, Cacak, Serbia

Seminars and workshops

Webinar, Improving knowledge, skills and capacity building to ensure plant health in more sustainable agricultural systems organized by Plants for the future – European Technology Platform & Euphresco, 5.6.2023 (participant)

Seminar on Eco-Agriculture Management by Hubei Vocational College of Bio-Technology from 30.3.2023-12.4.2023, online (participant)

Seminar on Digital Agriculture and Information Management for Developing Countries by Hubei Vocational College of Bio-Technology from 16.11.2022-6.12.2022, online (participant)

FAO virtual WORKSHOP, Regional workshop on Permaculture and Community Seed Production for ECA Region, 15.11.2022 (participant)

Virtual workshop "Global strategy for the conservation and use of Capsicum genetic resources organized by World Vegetable Centre, 11.1.2022 (participant)

Virtual educational workshop "Functional food" organized by JU "House of Culture "Kocho Racin" - Skopje" supported by City, Skopje, 11.11.2021 (participant)

FAO-workshop on climate-smart agriculture and organic production of vegetables in protected cultivation 26 September 2021, Ohrid, North Macedonia, virtual meeting (participant)

Webinar on the topic: "Challenges of organic production" organized by the Italian Embassy in Skopje in cooperation with ITA - Italian Trade Agency in Skopje and M6 Educational Centre, 9.6.2021 (participant)

Webinar on - The importance of cooling and cooling systems, The Centre for Foreign Trade and International Cooperation - CFTIC, in Cooperation with the Agricultural Research Organization (ARO) - Volcani Centre, the Israeli Ministry of Agriculture and Rural Development, Israel, 20.4.2021 (participant)

Webinar on - Alternative to chemical for harvested fresh produce, The Centre for Foreign Trade and International Cooperation - CFTIC, in Cooperation with the Agricultural Research Organization (ARO) - Volcani Centre, the Israeli Ministry of Agriculture and Rural Development, Israel, 13.4.2021 (participant)

Webinar on - The Via Dolorosa of fresh fruits & vegetables, The Centre for Foreign Trade and International Cooperation - CFTIC, in Cooperation with the Agricultural Research Organization (ARO) - Volcani Centre, the Israeli Ministry of Agriculture and Rural Development, Israel, 6.4.2021 (participant)

Webinar on the topic: "Proper management of agricultural waste and the impact on environmental protection" organized by the Association of producers of vegetables and flowers "Horti Eco", Strumica, 18.02.2021 (participant)

Webinar: "Establishment and management of school gardens" organized by Slow Food Vodno, topic: Presentation of the manual and the most common problems when establishing gardens, 11.12.2020 (participant - lecturer)

Webinar on - Reduction of Food Losses by Retail Packaging, Achieving Food Security with Innovative R&D, Department of Postharvest Science ARO- Volcani Center, Israel, 1.12.2020 (participant)

● PUBLICATIONS

Monograph

Zvezda Bogevska, 2016. Storage of onion landrace buchinska arshlama in Republic of Macedonia. Lap Lambert Academic Publishing. OmniScriptum GmbH & Co. KG. Schaltungsdienst Lange o.H.G., Berlin. ISBN: 978-3-659-85068-4

Book

Zvezda Bogevska, Margarita Davitkovska, 2023. Standardization of vegetables and flowers, Faculty of Agricultural Sciences and Food -Skopje, University "St. Cyril and Methodius" in Skopje
https://www.ukim.edu.mk/e-izdanija/FZNH/Standardizacija_na_zelencuk_i_cveke.pdf

Journal paper

Jankulovska, M S., Sokolovska, V., Velkoska-Markovska, L., **Bogevska, Z.**, Karakasova, Lj., Manasievska, S., Miskovska-Milevska, E., Babanovska-Milenkovska, F., Markoski, M. (2023): Extraction and spectrophotometric quantification of total polyphenolic content in onion. Agriculture and Forestry, 69 (2): 217-226. doi:10.17707/AgricForest.69.2.17

Journal paper

Tarek Ben Hassen, Hamid El Bilali, Mohammad S. Allahyari, Sinisa Berjan, Adriana Radosavac, Drago Cvijanovic, **Zvezda Bogevska**, Aleksandra Despotovic, Željko Vaško (2023). No social distancing from food: How the COVID-19 pandemic shaped student food-related activities in the Western Balkans. Nutrition and Health 1–13. DOI: 10.1177/02601060221143964

Journal paper

Zvezda Bogevska, Sinisa Berjan, Hamid El Bilali, Mohammad Sadegh Allahyari, Adriana Radosavac, Margarita Davitkovska, 2022. Exploring food shopping, consumption and waste habits in North Macedonia

Journal paper

Simona Stojchevska, Mirjana S. Jankulovska, Lenche Velkoska-Markovska, **Zvezda Bogevska** (2022). Spectrophotometric determination of total polyphenolic and flavonoid content in tomato. Journal of Agricultural, Food and Environmental Sciences Vol 76 No 1, 1-8.

Conference paper

Monika Stojanova, Dragutin Đukić, Marina Todor Stojanova, Blažo Lalević, Simin Hagh Nazari, **Zvezda Bogevska** (2022). Determination of polysaccharide content of *Agaricus macrosporus* and *Russula vesca* mushroom extracts. 4th International Symposium Modern Trends in Agricultural Production, Rural Development, Agro-economy, Cooperatives and Environmental Protection, Proceedings. Vrnjačka Banja, Serbia 29-30. Jun, 2022. 228-237

Conference paper

Zvezda Bogevska, Gordana Popsimonova, Rukie Agic, Margarita Davitkovska, Daniela Trajkoska, Maja Sudimac (2022). Length of vegetation period and fruit set in pepper grown on different types of mulch. Special issue: Proceedings. 4th International Symposium for Agriculture and Food, 12-14 October 2022, Ohrid, North Macedonia. Journal of Agricultural, Food and Environmental Sciences, Vol 76, No7, 76-82.

Conference paper

Zvezda Bogevska, Gordana Popsimonova, Rukie Agic, Margarita Davitkovska, Tome Timov, Maja Sudimac (2022). Evaluation of frequently grown leak landraces in North Macedonia. Special issue: Proceedings. 4th International Symposium for Agriculture and Food, 12-14 October 2022, Ohrid, North Macedonia. Journal of Agricultural, Food and Environmental Sciences, Vol 76, No 6, 11-17.

Conference paper

Rukie Agic, Gordana Popsimonova, **Zvezda Bogevska**, Margarita Davitkovska, Besnik Zendeli (2022). Impact of the different vegetation spaces on the yield components of seedless watermelon. Special issue: Proceedings. 4th International Symposium for Agriculture and Food, 12-14 October 2022, Ohrid, North Macedonia. Journal of Agricultural, Food and Environmental Sciences Vol 76 No 8, 28-34.

Conference paper

Gordana Popsimonova, Rukie Agic, **Zvezda Bogevska**, Margarita Davitkovska (2022). Lettuce (*Lactuca sativa* L.) - the neglected vegetable in the macedonian production and trade. Special issue: Proceedings. 4th International Symposium for Agriculture and Food, 12-14 October 2022, Ohrid, North Macedonia. Journal of Agricultural, Food and Environmental Sciences Vol 76 No 5, 56-62.

Conference paper

Margarita Davitkovska, **Zvezda Bogevska**, Gordana Popsimonova, Rukie Agic, Ana Vujošević, Svjetlana Zeljković, Boris Dorbić (2022). The effect of diverse fertilizers on the quality of *Begonia semperflorens* Link. Et Otto. Special issue: Proceedings. 4th International Symposium for Agriculture and Food, 12-14 October 2022, Ohrid, North Macedonia. Journal of Agricultural, Food and Environmental Sciences Vol 76 No 3, 60-67.

Conference paper

Svjetlana Zeljković, Lidija Milojević, Emina Mladenović, Margarita Davitkovska, **Zvezda Bogevska** (2022). Effect of water extract of *Aloe vera* on germination and early growth of *Dianthus barbatus*. Special issue: Proceedings. 4th International Symposium for Agriculture and Food, 12-14 October 2022, Ohrid, North Macedonia. Journal of Agricultural, Food and Environmental Sciences Vol 76 No 8, 62-66.

Conference paper

Bogevska, Z., Popsimonova, G., Agic, R. and Davitkovska, M. 2021. Influence of mulching materials on pepper (*Capsicum annuum* L. ssp. *macrocarpum* var. *longum*) characteristics. Acta Hort. 1320, 87-92. <https://doi.org/10.17660/ActaHortic.2021.1320.1>, 2021

Conference paper

G. Popsimonova, R. Agic, **Z. Bogevska**, M. Davitkovska, G. Georgievski 2020. Perspective tomato landraces for fresh consumption in the Republic of North Macedonia. Collection of papers Conference VIVUS 2020, Naklo, Slovenia, 387-392 http://www.bc-naklo.si/fileadmin/konferenca/Vivus_2020-Zbornik-final.22.12.2020.pdf

Journal paper

Bogevska, Z., Berjan, S., Capone, R., Debs, P., El Bilali, H., Bottalico, F., Davitkovska, M., 2020. Household food wastage in North Macedonia. Agriculture and Forestry, 66 (2): 125-135. DOI: 10.17707/AgricultForest.66.2.12

Journal paper

Zvezda Bogevska, Olga Najdenovska, Marina Stojanova, Monika Stojanova, D. Ristikj, 2019. The influence of microbial inoculums on yield and yield components of rocket (*Eruca sativa* Mill.). Gazette future, vol. 2, no. 3, Croatia, 01-09. doi: 10.32779/gf.2.3.1

Conference paper

Boris Dorbić, Lea Zemunović, Emilija Friganović, Željko Španjol, **Zvezda Bogevska**, Sandra Popović, 2019. Perceptions and attitudes about the ornamental characteristics and the use of ornamental indoor flowering plant species, as well as cactuses and succulents. Proceedings. VIII International Conference on Social and Technological Development, University PIM Banja Luka, Trebinje, November 08-09. 100-114.

Journal paper

B. Dorbić, Emilija Friganović, Marija Slipčević, Margarita Davitkovska, **Zvezda Bogevska**, Ana Vujošević, 2019. Sensory evaluation of different infusions from aromatic herbs. Gazette future, vol. 2, no. 1-2, Croatia, 44-58. doi: 10.32779/gf.2.1-2.4

● PROJECTS

Projects

USAID EDGE – “Professional courses for companies in the fruit and vegetable sector – Strengthening the capacity of local SMEs to improve their access to regional and external markets.”, February 2024, participant

CA22134 - Sustainable Network for agrofood loss and waste prevention, management, quantification and valorisation (FoodWaStop), 2023-2027, participant

Preparation of studies for spatial plans - Part 2: Agriculture and agricultural land for the Spatial Plan of the Republic of North Macedonia (2021-2040)", with agreement no. 03-943/1, dated 24.11.2022, financed by the Spatial Planning Agency, participant

Innovative automated system for dewing and cooling in greenhouse agricultural production - InoSLOP, 2022, submitted by GLOBAL Trade DMM, co-financed by FITR under the instrument: "Co-financed grants for technological development for accelerated economic growth ", participant

School Gardens - Green ground for education, a tool for strengthening environmental awareness, 2020. Funded by the Ministry of Environment and Landscape planning and Association for the protection, promotion, and education of food Slow Food Vodno - Skopje, R. Macedonia, participant

Scientific, Professional and Applicable Collaboration in the Application of Liquid Mineral Fertilizers from Company AD Alkaloid Skopje, 2019. Funded by Alkaloid AD Skopje, participant

School garden – a classroom of the future - second step, 2019, Funded by the City of Skopje and Association for the protection, promotion, and education for food Slow Food Vodno - Skopje, R Macedonia, participant

School garden - classroom of the future, 2018, financed by the City of Skopje and Association for protection, promotion and education for food Slow Food Vodno - Skopje, R Macedonia, participant

Biaqua farm, 2016-2018, Financed by Fund for innovations and technology development, Skopje. R. Macedonia, participant

Scientific, Professional and Applicable Collaboration in the Application of Liquid Mineral Fertilizers from Company AD Alkaloid Skopje, 2016. Funded by Alkaloid AD Skopje, participant

Water as significant factor in production of flowers and vegetable crops, 2016. Financed by NGO Rotary Club, Skopje. R. Macedonia, participant

Introduction of new varieties and new vegetable production technologies, 01.03.2012-30.03.2012, financed by AgBiz Program

South Eastern European Development Network for crop genetic resources, 2004-2014, financed by SIDA (Swedish International Development Agency), participant

Alternative techniques for the production of healthy and quality seedlings of vegetables and flowers, 2003-2006, financed by the Ministry of Education and Science of R. Macedonia, participant

● **NETWORKS AND MEMBERSHIPS**

Memberships

2005 Member of the group for Environment CEEWEB.

2005 Member of the NGO "Eco-mission" - Skopje.

2007-2009 Member of EUCARPIA (European Association For Research On Plant Breeding).

Member of the Horticultural Society of Macedonia - HOZDRUM

Member of the international organization ISHS (International Society for Horticultural Science)

Member of Association for protection, promotion, and education for food Slow Food-Vodno

● **HONOURS AND AWARDS**

Awards

1995 - Award for first place in the field of agro-technique of young technicians and naturalists from Macedonia. Bitola

2005 - Acknowledgment "Engineering Ring" for the best student of the Faculty of Agricultural Sciences and Food in Skopje for the year 2003/2004 under the patronage of the President of the Republic of Macedonia and the Engineering Institution of Macedonia.