



M.Sc. Nikola Saraginovski

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WORK EXPERIENCE

Assistant

Ss. Cyril and Methodius University, Faculty of Agricultural Sciences and Food [27/12/2017 – Current]

City: Skopje | Country: North Macedonia

- I work as an Assistant at the Department of Fruit Growing
- subjects being taught in the department:
 - General Fruit Production
 - Establishment and Cultivation of Orchards
 - Production of Fruit Planting Material
 - Special Fruit Production
 - Fruit Breeding
 - Harvest and Postharvest Technology of Fruits

Demonstrator

Ss. Cyril and Methodius University, Faculty of Agricultural Sciences and Food [04/2013 – 26/12/2017]

City: Skopje | Country: North Macedonia

- I demonstrate the practical part of our undergraduate courses of: General fruit production, Establishment and Cultivation of Orchards, Production of Fruit Planting Material.

PROJECTS

[01/01/2020 – 31/12/2021]

"Researching the possibilities for intensification of sweet cherry production" I was a principal investigator in the project that aimed to evaluate the effect of the different rootstock/cultivar combinations on the vegetative and generative performance of the sweet cherry in an experimental orchard. In order to achieve the intended goals of the project a series of activities were carried out that aimed at field collection of data and samples as well as laboratory examination of the plant material (fruits and leaves).

Financed by: Ss. Cyril and Methodius University.

[04/09/2020 – 01/04/2021]

"Support for the development of agricultural cooperatives" I was hired as a member of an expert team to prepare a detailed report for a protection of a geographical name with a geographical indication. The report was

contained in the request for registration of a geographical indication for "Prespa apple" for the needs of the agricultural cooperative "PRESPANKA - PRESKANSKO JABOLCHE".

Financed by: European Union - EU for you.

EDUCATION AND TRAINING

Short-term Scientific Mission (STSM) FruitCREWS - COST ACTION CA21142

Fruit Sciences & Postharvest Group, Cyprus University of Technology [15/02/2024 – 14/03/2024]

City: Limassol | Country: Cyprus | Website: <https://cost-fruitcrews.eu>

STSM title: Unraveling the effect of deficient irrigation practices on strawberry plants

During the STSM I was actively involved in the daily activities of the CUT Fruit Sciences & Postharvest research Group.

I was particularly involved in the following activities:

1. Preparation of strawberry tissue samples for the analysis of:
 - phenols, ascorbic acid, anthocyanins (fruit tissue)
 - malondialdehyde (MDA) and hydrogen peroxide (H₂O₂) as cellular damage indicators (leaf tissue)
2. Field measurements of strawberry plants with a porometer (stomatal conductance) that were exposed to different levels of water deficit and salinity stress.
3. Determination of qualitative attributes of strawberry fruits.

Workshop "REZ 2023"

Faculty of Agriculture, Institute for Horticulture, University of Banja Luka [07/03/2023 – 07/03/2023]

City: Banja Luka | Country: Bosnia and Herzegovina

Lectures:

1. Planning and developing a modern sweet cherry orchard. - Lynn Long, Oregon, USA.
2. Preseving cherry fruit quality at harvest and beyond. - Marlene Long, Oregon, USA.

Field Activities:

1. Demonstration of pruning methods for different sweet cherry training systems (UFO, KGB, TSA). - Lynn Long, Oregon, USA.

Summer School

"First ISHS Summer School on Pre- and Postharvest Physiology of Temperate Fruit Crops" [21/07/2018 – 03/08/2018]

Address: Schloß Hohenheim 1, 70599 Stuttgart Schuhmacherhof 6, D-88213 Ravensburg-Bavendorf, (Germany)

| **Website:** <https://www.ishs.org/news/first-ishs-summer-school-pre-and-postharvest-physiology-temperate-fruit-crops>

I received a complete overview on pre- and postharvest physiological aspects of perennial fruit tree species and in particular of pome (apple, pear) and stone fruit (cherry, plum) but also nut crops under different orchard management and environmental conditions. I also got introduced to the latest scientific findings, innovative orchard practices, monitoring procedures of physico-chemical fruit properties to ensure quality and safety, supply chain management and marketing aspects.

Master of Agricultural Sciences

Ss Cyril and Metodius University, Faculty of Agricultural Sciences and Food [2013 – 2015]

City: Skopje | Country: North Macedonia

Plant biotechnology - Fruit growing

Bachelor of Agricultural Science

Ss Cyril and Methodius University, Faculty of Agricultural Sciences and Food [2008 – 2012]

City: Skopje | Country: North Macedonia

Office Management

Pivara Skopje Education and Training Center [01/2014 – 04/2014]

City: Skopje | Country: North Macedonia

- Have satisfactorily completed an eight-week seminar for young managers.

LANGUAGE SKILLS

Mother tongue(s): Macedonian

Other language(s):

English

LISTENING C1 READING C1 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION C1

German

LISTENING A1 READING A1 WRITING A1

SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1

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

MASTER THESIS

Master thesis

Saraginovski N (2016): "The effect of the pruning on the yield and the quality of the fruits at the peach tree."
Faculty of Agricultural Sciences and Food, Skopje.

PUBLICATIONS

Publications

- Saraginovski N., Kiprijanovski M. (2021): 'Kordia' and 'Regina' sweet cherry: bearing potential and fruiting shoot distribution as affected by rootstock genotype. *Acta Hortic.* 1327, 103-110.
- Saraginovski N., Kiprijanovski M. (2021): The effect of the short pruning on the yield and the quality of the fruits at the peach tree. *Horticultural Science (Prague)*, 48, 2021 (2): 73-79.
- Arsov T., Saraginovski N. (2021): Effect of auxin phytohormones on the rooting of some local populations of fig (*Ficus carica* L.) hardwood cuttings from North Macedonia. *Acta Hortic.* 1310, 49-53.
- Saraginovski N., Kiprijanovski M., Arsov T. (2020): Lateral branching on the leader induced by notching in different sweet cherry rootstock-cultivar combinations. *Acta Hortic.* 1289, 91-96.
- Kiprijanovski M., Arsov T., Saraginovski N. (2020): Pomological, quality and organoleptic traits of some autochthonous apple cultivars in Prespa region, North Macedonia. *Acta Hortic.* 1289, 35-42.
- Arsov T., Kiprijanovski M., Gjamovski V., Saraginovski N. (2020): Performance of some cherry cultivars growing on different planting distances. *Acta Hortic.* 1289, 119-124.
- Kiprijanovski M., Arsov T., Gjamovski V., Saraginovski N. (2018): Comparative investigations of Oblachinska sour cherry on own root and grafted on mahaleb. *Bulgarian Journal of Agricultural Sciences*, 23 (No 6) 2018, 1065-1700.
- Saraginovski N., Arsov T. (2017): The influence of some phytohormones on the rooting of fig cuttings. *JAFES* Vol.71, No 2. Special issue: Symposium proceedings: a 3rd International symposium for agriculture and food, ISAF 2017, 18-20 October 2017, Ohrid, Republic of Macedonia.

- Saraginovski N., Kiprijanovski M. (2017): The dynamics of the changes and the losses of apples depending on the way of storage. Conference proceedings: 41st Conference for students of agriculture and veterinary medicine with international participation. 17th November 2017, Novi Sad, Serbia.
- Saraginovski N., Kiprijanovski M., Arsov T., Gjamovski V. (2016): The influence of some phytohormones on the rooting of plum cuttings. Symposium proceedings: a 2nd International symposium for agriculture and food, ISAF 2015, 7-9 October 2015, Ohrid, Republic of Macedonia. - Skopje: Faculty of agricultural sciences and food, Volume: 1
- Kiprijanovski M., Arsov T., Gjamovski V., Saraginovski N. (2016): Evaluation on some new introduced summer pear cultivars in production regions in R. Macedonia. Symposium proceedings: a 2nd International symposium for agriculture and food, ISAF 2015, 7-9 October 2015, Ohrid, Republic of Macedonia. - Skopje: Faculty of agricultural sciences and food, Volume: 1
- Saraginovski N., Kiprijanovski M. (2014): The influence of the pruning way on the yield and the peach fruit quality. Conference proceedings: 38th Conference for students of agriculture and veterinary medicine with international participation. 20th November 2014, Novi Sad, Serbia.

DRIVING LICENCE

Driving Licence: B

HONOURS AND AWARDS

[16/09/2019] International Society of Horticultural Sciences (ISHS)

ISHS Young Minds Award I won the "ISHS Young Minds Award" for best poster presentation, at the 4-th Balkan Symposium on Fruit Growing, in Istanbul, Turkey.

Link: <https://www.ishs.org/news/pomological-quality-and-organoleptic-traits-some-autochthonous-apple-cultivars-prespa-region>

COMMUNICATION AND INTERPERSONAL SKILLS

Communication and interpersonal skills

- Excellent communication skill through my experience as a demonstrator and assistant with the students and my participation in international Congresses, Symposiums and Summer schools.

CONFERENCES, SYMPOSIUMS

Conferences, Symposiums

- 19.06.2023 - Participation at the 5th Balkan Symposium on Fruit Growing, held in Zagreb, Croatia.
- 12.10.2022 - Participation at the 4th International Symposium for Agriculture and Food, held in Ohrid, Republic of North Macedonia.
- 30.05.2022 - Participation at the 10th International Peach Symposium, held in Naoussa, Greece.
- 08.03.2021 - Participation at the 4th International Symposium on Horticulture in Europe, held in Stuttgart, Germany.
- 14.09.2019 - Participation at the 4th Balkan Symposium on Fruit Growing, held in Istanbul, Turkey.
- 01.10.2018 - Participation at GREEN ROOM SESSIONS 2018, International GEA (Geo Eco-Eco Agro) Conference, held in Podgorica, Montenegro.
- 09.03.2018 - Participation at PROFI FRUIT, International Fruit Production Conference and Fair, held in Belgrade, Republic of Serbia.

- 17.11.2017 - Participation at the 41th Conference of Agricultural and Veterinary Medicine Students with International Participation, held at the faculty of Agriculture in Novi Sad, Republic of Serbia.
- 18.10.2017 - Participation at the 3rd International Symposium for Agriculture and Food held in Ohrid, Republic of Macedonia.
- 20.09.2016 - Participation at the 15th Congress of Fruit and Vine growers with International Participation, held in Kragujevac, Republic of Serbia.
- 7.10.2015 - Participation at the 2nd International Symposium for Agriculture and Food, held in Ohrid, Republic of Macedonia.
- 15.12.2014 - Participation at the 4th student Conference of scientific-research papers at the Faculty of Agricultural Sciences and Food held in Skopje, Republic of Macedonia.
- 20.11.2014 - Participation at the 38th Conference of Agricultural and Veterinary Medicine Students with International Participation, held at the faculty of Agriculture in Novi Sad, Republic of Serbia.

BOOK OF ABSTRACTS

Book of Abstracts

- Saraginovski N., Kiprijanovski M., Arsov T. (2021): " 'Kordia and 'Regina' sweet cherry: bearing potential and fruiting shoot distribution as affected by rootstock genotype." Book of abstracts, 4th Symposium on Horticulture in Europe, Stuttgart, Germany, 45.
- Saraginovski N., Kiprijanovski M., Arsov T. (2019): "Lateral branching on the leader induced by notching in different sweet cherry rootstock-cultivar combinations." Book of abstracts, 4th Balkan Symposium on Fruit Growing, Istanbul, Turkey, 7.
- Arsov T., Kiprijanovski M., Gjamovski V., Saraginovski N. (2019): "Performance of some cherry cultivars growing on different planting distance." Book of abstracts, 4th Balkan Symposium on Fruit Growing, Istanbul, Turkey, 35.
- Kiprijanovski M., Arsov T., Saraginovski N. (2019): "Pomological quality and organoleptic traits of some autochthonous apple varieties in Prespa region, North Macedonia" " Book of abstracts, 4th Balkan Symposium on Fruit Growing, Istanbul, Turkey, 24.
- Kiprijanovski M., Arsov T., Saraginovski N. (2018): "Pomological, quality and organoleptic traits of some autochthonous apple varieties in Prespa region." Book of abstracts, Green Room Sessions 2018 International GEA (Geo Eco-Eco Agro) Conference, Podgorica, Montenegro, 40.
- Saraginovski N., Arsov T. (2017): "The influence of some phytohormones on the rooting of fig cuttings." Book of abstracts, 3rd International Symposium for agriculture and food, Faculty of Agricultural Sciences and Food, Ohrid, 259.
- Saraginovski N., Kiprijanovski M., Gjamovski V., Arsov T. (2016): "The effect of short pruning on the peach trees." Book of abstracts, 15th Congress of Fruit and Grapevine producers with International Participation, Kragujevac, Serbia, 231.
- Kiprijanovski M., Bojkovska S., Gjamovski V., Arsov T., Saraginovski N. (2016): "Effects of various in-row soil maintenance methods in the pear orchard." Book of abstracts, 15th Congress of Fruit and Grapevine producers with International Participation, Kragujevac, Serbia, 223
- Arsov T., Gjamovski V., Kiprijanovski M., Saraginovski N. (2016): "Performance of some late ripening cherry varieties grown at different planting distances." Book of abstracts, 15th Congress of Fruit and Grapevine producers with International Participation, Kragujevac, Serbia, 235.
- Gjamovski V., Arsov T., Kiprijanovski M., Saraginovski N. (2016): "Preliminary results of pomological analysis of inter-cultivar variability in dolga siska cultivar of sweet cherry." Book of abstracts, 15th Congress of Fruit and Grapevine producers with International Participation, Kragujevac, Serbia, 71.
- Arsov T., Gjamovski V., Kiprijanovski M., Saraginovski N. (2015): "Sensory evaluation of some sweet cherry varieties, consumption needs." Book of abstracts, 2nd International Symposium for agriculture and food, Faculty of Agricultural Sciences and Food, Ohrid, Macedonia, 200.