Europass Curriculum Vitae

Personal information

First name(s) / Surname(s)	**Mikulina Maryna**
Address(es)	H. Kondratiieva Str., 158/4, apt. 70, 40021, Sumy, Ukraine
Telephone(s)	+38 (0542) 62-78-34 Mobile: + 38 095 612 2606
Fax(es)	+38 (0542) 78-74-72
E-mail	maryna.mikulina@snau.edu.ua marinamikulina1@ukr.net
Nationality	Ukrainian
Date of birth	07.01.1978
Gender	Female

Current employment / Occupational field

Assistant professor Operation technics Department, Faculty of Engineering-technological, Sumy National Agrarian University

Work experience

Dates	09.2004 till now
Occupation or position held	Senior Lecturer (09.2004 – 09.2009); Assistant professor (09.2009 – 08.2018) at the Economics and management Faculty Assistant professor (09.2018 – till now) at the Engineering-technological Faculty
Main activities and responsibilities	Teaching and research activities in the field of agricultural engineering and transport technologies in road transport
Name and address of employer	Sumy National Agrarian University, 160 H.Kondratiieva Str., Sumy, 40021, Ukraine
Type of business or sector	Higher Educational Institution (Agricultural Sector)

Education and training

Dates	09.2016-02.2018
Title of qualification awarded	Master of Agricultural and Mechanical Engineering
Principal subjects/occupational skills covered	Mechanical engineer
Name and type of organisation providing education and training	Sumy Agricultural Institute (meanwhile Sumy National Agrarian University), Ukraine
Level in national or international classification	Dipl. Ing. (University)
Dates	11.2001 – 11.2004
Title of qualification awarded	Candidate in Economic Sciences

Principal subjects/occupational skills covered	Financial security of agricultural formations development
Name and type of organisation providing education and training	Sumy State Institute (meanwhile Sumy National Agrarian University)
Level in national or international classification	PhD in Economic Sciences
Dates	09.1996-06.2001
Title of qualification awarded	Master of Economics
Principal subjects/occupational skills covered	Agricultural Mechanization
Name and type of organisation providing education and training	Sumy State Institute (meanwhile Sumy National Agrarian University), Ukraine
Level in national or international classification	Dipl. Economics. (University)

Personal skills and competences

Reliability, loyalty, sociability, energy, purposefulness

Mother tongue(s) **Ukrainian**

Other language(s) **English**

Self-assessment	Understanding				Speaking				Writing	
European level (*)	Listening		Reading		Spoken interaction		Spoken production			
English	B2	Basic User	B2	Basic User	B2	Basic User	B2	Basic User	B2	Basic User

Social skills and competences	I can and I am used to work in the team. I'm energetic and enthusiastic about the work I start.
Organisational skills and competences	I was responsible for the organization of various workshops, conferences on the engineering-technological faculty.
Computer skills and competences	Competent with the most Microsoft Office programmes
Driving licence	Category B (car)

Additional information:

Scientific Research Topic and Publications

Main field of scientific interests are:

- analytical studies of technical and operational performance machine aggregates;
- analytical studies of kinematic parameters technical means;
- methods influence of turning contours on technical and operational indicators use of the combine harvester;
- economic diagnostics of agricultural enterprises;
- the essence economic security of agricultural formations;
- modeling the change in demand for transport services in the field of road transport.

Internet links to NPP profiles:

ORCID - *https://orcid.org/0000-0002-6918-5192;*
Scopus ID – *57215001313;*
Web of Science ID - *W-6817-2018*;
Google Scholar - *https://scholar.google.com/citations?user=EguPPu4AAAAJ&hl=uk;*
Corporate E-mail address - *maryna.mikulina@snau.edu.ua.*

Annexes

The most recent publications are:

1. Maryna Mikulina, Yaroslava Hryhoriv, Margarita Lyshenko, Andriy Butenko, Valentina Nechiporenko, Viktoriya Makarova, Maria Bahorka, Dmytro Serhiyovych Tymchuk, Iryna Samoshkina, Inna Toryanyk. "Competitiveness and benefits of Camelinasativa in the oilseed market". Environmental engineering and environmental technologies 24 no. 4 (2023): 97-103. (Scopus) doi:10.12912/27197050/161956.

2. Maryna Mikulina, Yaroslava Hryhoriv, Yevheniia Butenko, Victor Kabanets, VasylFilon, Lyudmyla Kriuchko, Liudmyla Bondarieva, Yevhen Yevtushenko, Anton Polyvanyi, Vladyslav Kovalenko. Prospectives of Growing Energy Crops for the Production of Different Types of Biofuel. Ecological Engineering &Environmental Technology 2024, 25(5), 191–197. (Scopus)

3. Polyvanyi, A., Butenko, A., Mikulina, M., Zubko, V., Kharchenko, S., Dubovyk, V., ... & Sarzhanov, B. (2024). Genotype prediction in maize (Zea mays L.) progeny using different predictive models. Agronomy Research 22(X), xxx–ccc, 2024 https://doi.org/10.15159/AR.24.063

4. Mikulina, M.O. Providing Financial Stability of the Enterprise / M.O. Mikulina. // Visnyk KhNUU. Series "Economic Sciences". №4, 2011- pp. 173-181;

5. Mikulina M.O. Ways to increase the competitiveness of ukraine on the basis of the visegrad experience / Rubina L.O., Samoshkina I.D., Mikulina M.O. // International humanitarian university department of management. Collective monograph under the editorship of T. Derkach, Doctor of Economic Sciences, Associate Professor. Riga, Latvia 2017 - P. 190-203.

6. Mikulina M.O. Analytical study of technical and operational indices of arable aggregates / GI Barabash, Mikulina M.O. // Bulletin of the Sumy National Agrarian University, series "Mechanization and automation of production processes". - 2018

7. Mikulina M.O. Analytical study of techno-economic indices of arable aggregates / Mikulina M.O. // Visnyk of Sumy National Agrarian University, series "Mechanization and automation of production processes". – 2018

8. Mikulina M.O. Methodical and economic approaches to determining the fuel consumption of vehicles during the transportation of grain from combine harvesters / GI Barabash, Mikulina MO // Bulletin of the Sumy National Agrarian University, series "Mechanization and automation of production processes". – 2021 - P. 13-16

9. Mikulina M.O. Research of the need to improve the tehnological processes of bucwheat harvesting / Mikulina M.O., Polyvanyi A. D. // Bulletin of the Sumy National Agrarian University, series "Mechanization and automation of production processes". – 2021 – P. 28-33.

10. Mikulina M.O. Using different approaches to solving logistics problem / Starikov A. I., Solarov O.O., Tarelnik N.V. and Tatsenko O.V. Visnyk of Vinnytsia Polytechnical Institute – 2021, no. 4, pp. 85–91.

11. O. P. Gaponova, V. B. Tarelnyk, V. S. Martsynkovskyy, Ie. V. Konoplianchenko, V. I. Melnyk, V. M. Vlasovets, G. V. Kirik, N. V. Tarelnyk, **M. O. Mikulina**, A. A. Kutakh, A. D. Polyvanyi, M. M. Mayfat, and A. N. Kalnaguz, Combined Electrospark Running-in Coatings of Bronze Parts. Part 3. Tribological Properties, Metallofiz. Noveishie Tekhnol., 43, No. 10: 1325—1334 (2021);

12. V. B. Tarelnyk, V. B. Loboda, E. V. Konoplyanchenko, V. S. Martsinkovskii, Yu. I. Semirnenko, N. V. Tarelnyk, **M. A. Mikulina** & B. A. Sarzhanov. Improving Ecological Safety when Forming Wear-Resistant Coatings on the Surfaces of Rotation Body Parts of 12Kh18N10T Steel Using a Combined Technology Based on Electrospark Alloying. Surf. Engin. Appl.Electrochem. 57, 173–184 (2021). https://doi.org/10.3103/S1068375521020113;

13. O. P. Gaponova, V. B. Tarelnyk, V. S. Martsynkovskyy, Ie. V. Konoplianchenko, V. I. Melnyk, V. M. Vlasovets, O. A. Sarzhanov, N. V. Tarelnyk, **M. O. Mikulina**, A. D. Polyvanyi, G. V. Kirik, and A. B. Batalova, Combined Electrospark Running-in Coatings of Bronze Parts. Part 1. Structure and Mechanical Properties, Metallofiz. Noveishie Tekhnol., 43, No. 8: 1121—1138 (2021);

14. Tarelnyk V., Dumanchuk M., Martsynkovskyy V., **Mikulina M**., Smolyarov G., Semernya O. Increasing fretting resistance of flexible element pack for rotary machine flexible coupling Part 12. The influence of coupled shafts misalignment on flexible coupling flexible elements stress-strain state. Journal of Physics: Conference Series, 2021, 1741(1), 012049. ISSN: 17426588. DOI: 10.1088/1742-6596/1741/1/012049;

15. Konoplianchenko I., Tarelnyk V., Martsynkovskyy V., Gaponova O., Lazarenko A., Sarzhanov A., **Mikulina M.,** Zhengchuan Z., Pirogov V. New technology for restoring Babbitt coatings. Journal of Physics: Conference Series, 2021, 1741(1), 012040. ISSN: 17426588. DOI: 10.1088/1742-6596/1741/1/012040;

16. M.S. Storozhenko, O.P. Umanskyi, V.B. Tarelnyk, O.Yu. Koval, Yu.V. Gubin, **M.O. Mikulina**, I.S. Martsenyuk, O.D. Kostenko & T.V. Kurinna. Structure and Wear Resistance of FeNiCrBSiC–MeB2

Electrospark Coatings. Powder Metall Met Ceram 59, 330–341 (2020). https://doi.org/10.1007/s11106-020-00166-1;

17. V. B. Tarelnyk, O. P. Gaponova, G. V. Kirik, Ye. V. Konoplianchenko, N. V. Tarelnyk, and **M. O. Mikulina**, Cementation of Steel Details by Electrospark Alloying, Metallofiz. Noveishie Tekhnol., 42, No. 5: 655—667 (2020). https://doi.org/10.15407/mfint.42.05.0655.

18. Martsynkovskyy V., Tarelnyk V., Konoplianchenko Ie., Gaponova O., Antoszewski B., Kundera Cz., Dyadyura K., Tarelnyk N., Sarzhanov B**., Mikulina M.,** Gapon O., Semernya O. (2020) New process for forming multicomponent wear-resistant nanostructures by electrospark alloying method. In: Pogrebnjak A., Bondar O. (eds) Microstructure and Properties of Micro- and Nanoscale Materials, Films, and Coatings (NAP 2019). Springer Proceedings in Physics, Chapter 13, vol 240. Springer, Singapore, pp 135-149. https://doi.org/10.1007/978-981-15-1742-6_13.

19. V. B. Tarelnyk, O. P. Gaponova, Ie. V. Konoplianchenko, N. V. Tarelnyk, **M. A. Mikulina**, V. A. Gerasimenko, O. O. Vasylenko, V. M. Zubko, and V. I. Melnyk, Properties of Surfaces Parts from X10CrNiTi18-10 Steel Operating in Conditions of Radiation Exposure Retailored by Electrospark Alloying. Pt. 3. X-ray Spectral Analysis of Retailored Coatings, Metallofiz. Noveishie Tekhnol., 44, No. 10: 1323—1333 (2022) (in Ukrainian)

20. Sobko, Mykola, Yevheniia Butenko, Gennadiy Davydenko, Oleksandr Solarov, Viacheslav Pylypenko, Viktoriia Makarova, **Maryna Mikulina**, Iryna Samoshkina, Oleksandr Antonovskyi, and Volodymyr Poriadynskyi. "Ecological and Economic Study of Wheat Winter Varieties by Different Geographical Origin". Ecological Engineering & Environmental Technology 24 no. 1 (2023): 12-21. doi:10.12912/27197050/154912.