



Biography

Personal information

Full Name Osmachko Olena

Place of residence st. H. Kondratieva, 110/88, city Sumy, Ukraina, 40021

Mobile phone number +380663626972

Email Lenaosmachko1978@ukr.net

Nationality Ukrainian

Date of birth 16.08.1978

Sex Female

Teacher qualification information

Candidate of Agricultural Sciences (Ph.D.), Associate Professor of the Department of Plant Protection

Professional experience

Date 27.12.2002 – 24.10.2003

Position accountant

Main activity and responsibility maintained accounting, prepared financial statements, accepted citizens, promoted their rights and monitored their responsibilities

Name and address of institution VZHREU-1, street Petropavlivska 70, Sumy, Ukraina, 40021

Type of business or sector service sector

Date 15.11.2003 – 22.10.2012

Position Agronomist of the first category, junior researcher of the department of breeding and seed production of Sumy National Agrarian University

Main activity and responsibility Scientific activity in the field of potato breeding and seed production

Name and address of institution Sumy National Agrarian University st. H. Kondratieva 160, Sumy, Ukraina, 40021

Type of business or sector Agrarian science and agricultural production

Date 24.11.2014 – 16.11.2015

Position Engineer of the Department of Plant Protection. A.K. Mishn'ova

Main activity and responsibility Responsible for a number of complex works that were carried out in the unit, set up and work on scientific and educational equipment.

Name and address of institution Sumy National Agrarian University st. H. Kondratieva 160, Sumy, Ukraina, 40021

Type of business or sector Institution of higher education

Date 17.11.2015 – by this time

Position Senior Laboratory of the Department of Plant Protection. A.K. Mishn'ova

Main activity and responsibility Provide records, control the implementation of incoming and outgoing documentation, maintain the load of scientific and pedagogical staff of the department, form reporting documentation for the teaching activities of the department, prepare practical and laboratory classes, is a secretary in the admissions committee, where I keep the documentation of entrants for the specialty: 202 – Protection and quarantine of plants, 205 – Forestry, 206 – Landscape gardening.

Name and address of institution Sumy National Agrarian University st. G. Kondratieva 160, Sumy, Ukraine, 40021

Type of business or sector Institution of higher education

Date 11.01.2016 – 30.06.2020

Position Assistant, Senior Lecturer, Associate Professor

Main activity and responsibility Educational and scientific activities in the field of wheat breeding and the protection of crops from harmful organisms, as well as quarantine facilities.

Name and address of institution Sumy National Agrarian University st. G. Kondratieva 160, Sumy, Ukraine, 40021

Type of business or sector Institution of higher education

Education and training

Date 1.09.1984 – 14.06.1993

Qualification certificate of incomplete secondary education MB №014381

Main subjects / professional skills ukrainian language, algebra, biology, chemistry, and others

Name and address of institution general Secondary School of I-III degrees, st. Shkilna 10, urban village Khotin, Sumy region, Ukraine, 42320

Date 1.09.1993 – 3.06.1995

Qualification diploma of skilled worker with honors, DL №001555, fruit vegetable II category, grazier II category

Main subjects / professional skills	master of agricultural production with secondary education (vegetable, livestock, Ukrainian, algebra, geometry, biology, chemistry, etc.)
Name and address of institution	vocational school №35, st. Lenina 32, urban village Khotin, Sumy region, Ukraine, 42320
Date	2.08.1995 – 28.03.2000
Qualification	specialist diploma, CM №11951054, «Agronomy»
Main subjects / professional skills	breeding and seed production, crop production, agriculture, phytopathology, entomology, plant protection and others
Name and address of institution	Sumy Agricultural Institute (now Sumy National Agrarian University), st. G. Kondratieva 160, Sumy, Ukraine, 40021
Level in national or international classification	diploma of specialist, scientist agronomist
Date	24.12.2001 – 19.10.2002
Qualification	diploma of specialist, DSK №014913, «Accounting and Auditing»
Main subjects / professional skills	accounting, financial accounting, labor economics, enterprise economics, management, marketing, macroeconomics, audit, taxation, and others
Name and address of institution	Sumy Agricultural Institute (now Sumy National Agrarian University), st. G. Kondratieva 160, Sumy, Ukraine, 40021
Level in national or international classification	diploma of specialist, Economist-Accountant
Date	15.11.2012 – 16.11.2015
Qualification	Postgraduate studies at Sumy National Agrarian University at the Department of Plant Protection
Main subjects / professional skills	breeding and seed production, fundamentals of agronomy research, foreign language, philosophy, and others
Name and address of institution	Sumy National Agrarian University st. H. Kondratieva 160, Sumy, Ukraina, 40021
Level in national or international classification	Candidate (Ph.D.) Agricultural Sciences in the specialty «Breeding and seed production»

Personal skills and competence

Social skills and competence	Communicative, responsible, purposeful, I have experience of effective participation in scientific projects of both national and international importance.
Organizational skills	She was responsible for breeding and seed potato crops, working as a junior researcher at the department of breeding and seed production during the growing season of culture. Organized sowing and harvesting, evaluation of resistance to pest soft wheat in collection and breeding nurseries, at the Department of Plant Protection.
Computer skills	Competent with most Microsoft Office programs, Statistica.
Driver's license	Category B

Additional information

Scientific topics	Plant immunity (wheat), selection and seed production of cereals.
Publications	She has published 45 scientific works, including more than 15 in scientific editions included in the list of scientific professional editions of Ukraine. I have 3 publications in periodicals that are included in the Web of Science science databases, 1 monograph and 4 tutorials.

1. Bakumenko O. M., Osmachko O. M., Vlasenko V. A. Combinative ability of winter wheat cultivars Kryzhynka and Smuhlianka : Monograph. Sumy, «Mriya». 2019. 194 p. ISBN 978-966-566-740-7.
2. Vlasenko V.A., Bakumenko O.M., Osmachko O.M., Burdulaniuk A.O., Tatarynova V.I., Demenko V.M., Rozhkova T.O., Yemets O.M., Bilokopytov V.I., Horbas S.M., Fanhua M., Qian Z. (2018). Ecological Plasticity and Adaptability of Chinese Winter Wheat Varieties (*Triticum aestivum* L.) under the Conditions of North-East Forest Steppe of Ukraine. *Ukrainian Journal of Ecology*, 2018., v. 8, n. 4. P. 114-121. (Web of Science).
3. Vlasenko V., Bakumenko O., Osmachko O., Bilokopytov V., Meng F., Humeniuk O. The Usage Perspectives Of The Chinese Current Wheat Geno-Plasm In The Breeding Of A New Ukrainian Variety Generation. *AgroLife Scientific Journal*. Volume 8. Number 2. Руминія : Бухарест, 2019. P. 162-173. (Web of Science).
4. Osmachko O. M., Vlasenko V. A., Bakumenko O. M., Bilokopytov V. I. Immunological characteristic of winter wheat samples to leaf diseases under the conditions of north-east forest steppe of Ukraine. *Regulatory Mechanisms in Biosystems*. 2020, 1. (Web of Science).
5. Bakumenko O. M, Vlasenko V. A., Osmachko O. M., Men F., Chzhou Ch. Seleksiina otsinka suchasnoho kytayskoho sortymentu pshenytsi miakoi ozymoi v umovakh pivnichno-skhidnoho Lisostepu Ukrainy. *Visnyk Sums'koho natsionalnoho ahrarnoho universytetu*. Sumy, 2019. «Ahronomiia i biolohiia».
6. Osmachko O.M., Vlasenko V.A., Bakumenko O.M., Tao Ye., Oshomok T.V. Otsinka stiikosti do boroshnystoi rosy zrazkiv *Triticum aestivum* L. 4th WWSRRN CIMMYT v umovakh pivnichno-skhidnoho Lisostepu Ukrainy. *Henetychni resursy roslin: naukovyi zhurnal*. Kharkiv, 2019, Vyp 24.S. 74-89.

Projects in which she participated

within Ukraine	In the last 5 years I participated in two scientific and technical developments: 1. «Creating soft winter wheat lines with 1RS rye genes that control resistance to a group of plant diseases» (state registration № 0118U006176). 2. «Selection of Promising Bread Wheat Lines to Create Varieties With Group Disease Resistance» (state registration №0119U102849).
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- international projects

He is the executor of the Ukrainian-Chinese project «Selection of genotypes with high immune properties and soil drought resistance among modern soft winter wheat assortment».

Awards and thanks:

Acknowledgment of the rector on the occasion of the day of science, for the defense of the dissertation for the degree of Candidate of Agricultural Sciences.