



## Europass Curriculum Vitae



### Personal information

ORCID: <http://orcid.org/0000-0003-3664-7650>  
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 Web of Science Researcher ID [D-3024-2019](#)

First name(s) / Surname(s) **GENNADIY DAVYDENKO**

Address(es) H. Kondratiieva Str., 160/5, apt. 203, 40021, Sumy, Ukraine

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Nationality Ukrainian

Date of birth 25.04. 1977

Gender Male

### Current employment / Occupational field

**Ass. Prof. of the Agrotechnologies and Soil Science Department, Agrotechnologies and Environmental Use Faculty, Sumy National Agrarian University**

### Work experience

Dates 16.02.2001 till now

Occupation or position held University instructor (02.2001 – 06.2007);  
 01.09.2007 till now - Assistant professor of the Arable Farming, Soil Science and Agrochemistry Department, Agrotechnologies and Environmental Use Faculty

Main activities and responsibilities Teaching courses "Geology and geomorphology", "Soil Science with Fundamentals of Geology", "Soil Science with Fundamentals of Agrochemistry", "Agrochemistry Service", "Soil protection from erosion and pollution with agrochemicals", "Mini till, No till technologies in agriculture", "Marketing in Agrochemistry Service "

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 01.09.1994-18.03.1999

Title of qualification awarded Agronomist

Principal subjects/occupational skills covered Agricultural Sciences

Name and type of organisation providing education and training Sumy State Agrarian University (meanwhile Sumy National Agrarian University), Ukraine

Level in national or international classification Specialist, Dipl. Ing. (University)

Dates 10.06.1997-30.09 1997

Title of qualification awarded Agronomic practicum

Principal subjects/occupational skills covered	Education, agricultural practices at the farm
Name and type of organisation providing education and training	Germany, Fachhochschule Weihenstephan, Triesdorf
Level in national or international classification	Farmer
Dates	01.04.1999-31.08.1999
Title of qualification awarded	Agronomist
Principal subjects/occupational skills covered	Work at the agricultural enterprise
Name and type of organisation providing education and training	The agricultural enterprise „Mirovaya revoluziya“ Putivl District Sumy Region, Ukraine
Level in national or international classification	Agronomist
Dates	01.09.1999-12.07.2000
Title of qualification awarded	Magister (Master) of Agronomy
Principal subjects/occupational skills covered	Agricultural Sciences
Name and type of organisation providing education and training	Sumy State Agrarian University (meanwhile Sumy National Agrarian University), Ukraine
Level in national or international classification	Magister of Agronomy, Dipl. Ing. (University)
Dates	01.09.2000-15.02.2001
Title of qualification awarded	Junior researcher of the Arable Farming, Soil Science and Agrochemistry Department
Principal subjects/occupational skills covered	Agricultural Sciences
Name and type of organisation providing education and training	Sumy National Agrarian University, Ukraine
Level in national or international classification	Dipl. Ing. (University)
Dates	01.09.2001-16.05.2006
Title of qualification awarded	Candidate of agricultural sciences (General agriculture)
Principal subjects/occupational skills covered	Agricultural Sciences (Soil and plants analyses, crop production, system of fertilizers applying)
Name and type of organisation providing education and training	Sumy National Agrarian University, Ukraine
Level in national or international classification	Doctor of Philosophy, PhD in Agricultural Sciences
Dates	01.01.2007-31.12.2007
Title of qualification awarded	The technical translator
Principal subjects/occupational skills covered	Visiting plants, warehouses of the company, translation of technical documentation for construction equipment of the company "Atlas"
Name and type of organisation providing education and training	Germany, Ganderkesee, Wildeshausen, Hamburg, Bremen, company "ATLAS WEYHAUSEN AG"

Level in national or international classification	The technical translator of firm "ATLAS-Ukraine" GmbH, the official dealer of "ATLAS WEYHAUSEN AG"										
Dates	01.09.2016-30.08.2017										
Title of qualification awarded	Scientific intern										
Principal subjects/occupational skills covered	Attending international seminars on alternative energy sources, modern plant protection products, ecological and organic farming, new methods of agrochemical soil analysis, advanced fertilizer technologies, visiting to leading agrarian educational institutions and the best farms in northern Germany										
Name and type of organisation providing education and training	Germany, DEULA-Nienburg, Max-Eyth-Strasse 2, 31582 Nienburg										
Level in national or international classification	Scientific intern										
Dates	01.09.2022-30.06.2023										
Title of qualification awarded	Scientific intern										
Principal subjects/occupational skills covered	Attending international seminars on ecological and organic farming, promotion of humus accumulation and soil fertility in agrocenoses, organic gardening and vegetable growing, marketing and business administration in organic agriculture, measures to protect the environment and water resources, visiting to leading agrarian educational institutions and the best organic farms in Switzerland and Germany										
Name and type of organisation providing education and training	Switzerland, FiBL Schweiz, Ackerstrasse 113, CH-5070 Frick Germany, FiBL Deutschland, Kasseler Strasse 1a, 60486 Frankfurt am Main										
Level in national or international classification	Scientific intern										
<b>Personal skills and competences</b>	Reliability, loyalty, sociability, energy, purposefulness										
Mother tongue(s)	<b>Ukrainian</b>										
Other language(s)	<b>German, English, Russian</b>										
Self-assessment	<b>Understanding</b>				<b>Speaking</b>				<b>Writing</b>		
<i>European level (*)</i>	Listening		Reading		Spoken interaction		Spoken production				
<b>German</b>	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	
<b>English</b>	A2	Basic User	A2	Basic User	A2	Basic User	A2	Basic User	A2	Basic User	
<b>Russian</b>	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	
	(*) <a href="#">Common European Framework of Reference for Languages</a>										
Social skills and competences	I can work in a team and individually within the educational and research projects										
Organisational skills and competences	I was responsible for the organization of various national workshops, conferences and professional seminars.										
Computer skills and competences	Competent with most Microsoft Office programmes										
Artistic skills and competences	Finished the School of Music										
Driving licence	Category B (car), the right to driving tractors and combines										
<b>Additional information:</b>											
Scientific Research Topic and Main Publications	Monitoring of soils quality and soil protection, energy-saving technologies of soil treatment, fertilizing and chemical plant, soil reclamation, crop production, fertilizer and growth regulators application, tillage										
	Boginska L.O, <b>Davydenko G.A.</b> Organizational and technical aspects of introduction of innovations of organic agriculture and rational land use of the agrarian enterprises / Boginska L.O, Tolbatov A.V., Viunenko O.B., Tolbatov S.V., Tolbatov V.A., Butenko A.O., <b>Davydenko G.A.</b> , Kriuchko L.V.// Ukrainian Journal of Ecology. T. 9, № 2 (2019), Melitopol, Ukrainian, 2019, pp. 110-118. – Web of Science Core Collection										

	<b>Davydenko G.A.</b> Comparative evaluation of productivity of corn hybrids on farm "Druzhba-Nova" Varva district, Chernihiv region // <i>Visnyk SNAU. Series "Agronomy and Biology"</i> . 2015. 4 (30). P. 51-55. (in Ukrainian)
	<b>Davydenko G.A.</b> Sunflower productivity depending on the methods of soil cultivation in the conditions of the farm "BKIK" Svitlovodsk district, Kirovohrad region // <i>Visnyk SNAU. Series "Agronomy and Biology"</i> . 2016. 2 (23). P. 77-83. (in Ukrainian)
	<b>Davydenko G.A.</b> Comparative evaluation of no-till and strip-till technologies in the growing of corn on farm "Druzhba-Nova" Varva district, Chernihiv region // <i>Visnyk SNAU. Series "Agronomy and Biology"</i> . 2017. 9 (34). P. 32-38. (in Ukrainian)
	<b>Davydenko G.A.</b> Formation of the greenhouse water depending on sorts features and administrative influence of different types in conditions of Konotop district Sumy region // <i>Visnyk SNAU. Series "Agronomy and Biology"</i> . 2018. 3 (35). P. 30-35. (in Ukrainian)
	<b>Davydenko G.A.</b> Influence of fertilizers on the yield of varieties of potatoes in the conditions of Sumy district Sumy region // <i>Visnyk SNAU. Series "Agronomy and Biology"</i> . 2018. 9 (36). P. 36-43. (in Ukrainian)
	Kharchenko O.V., Mishchenko Y.G., Masik I.M., Prasol V.I., <b>Davydenko G.A.</b> Agroecologic and ecological substantiation of crop rotation / monograph. Sumy: University's book, 2015. 69 p. (in Ukrainian)
	Karpenko O.Yu. The activity of the microbial groups of maize root-zone in different crop rotations. / O.Yu. Karpenko, V.M. Rozhko, A.O. Butenko, A.I. Lychuk, <b>G.A. Davydenko</b> , D.S. Tymchuk, O.L. Tonkha, V.P. Kovalenko// <i>Ukrainian Journal of Ecology</i> 2020, 10(2), 137-140, doi: 10.15421/2020_76 – Web of Science Core Collection
	Hryhoriv Ya.Ya., Butenko A.O., <b>Davydenko G.A.</b> , Radchenko M.V., Tykhonova O.M., Kriuchko L.V., Hlupak Z.I. Productivity of Sugar Maize of Hybrid Moreland F1 Depending on Technological Factors of Growing. <i>Ukrainian Journal of Ecology</i> 2020, 10(2), pp. 268-272. doi: 10.15421/2020_95 – Web of Science Core Collection
	Karbivska U.M. Economic and energy efficiency of forming and using legume-cereal grass stands depending on fertilizers. / U.M. Karbivska, V.G. Kurgak, V.F. Kaminskyi A.O. Butenko, <b>G.A. Davydenko</b> , O.B. Viunenko, S.M. Vyhanialo, S.V. Khomenko// <i>Ukrainian Journal of Ecology</i> 2020, 10(2), 284-288, doi: 10.15421/2020_98 – Web of Science Core Collection
	Oleksandrenko V.P. Determining the dynamics of soil moisture under cereal crops / V.P. Oleksandrenko, Kurskoy V.S., <b>G.A. Davydenko</b> , O.O. Solarov // <i>SCIENTIFIC HORIZONS</i> . ISSN 2663-2144. Publisher: Zhytomyr National Agroecological University. Scientific Journal. № 8 (93). – 2020. – P. 189-194 . doi: 10.33249/2663-2144-2020-93-8-189-194. ( <b>Scopus</b> ).
	M. S. Mykytyn, U. M. Melnyk, O. Ye. Volchovska-Kozak, A. O. Butenko, <b>G.A. Davydenko</b> , V. I. Dubovyk, O. M. Bakumenko, O. V. Antonovskiy, V. P. Poriadynskiy. (2021). Rape as a source of vegetative protein in Ukraine. <i>Agricultural Mechanization in Asia</i> , 51(1), pp. 471-476, AMA ISSN: 00845841 ( <b>Scopus</b> ).
	M. G. Sobko, Ye.O. Butenko, <b>G. A. Davydenko</b> , O.O. Solarov, V. V. Pylpenko, V. M. Makarova, M.I. Mikulina, I.A. Samoshkina, O. V. Antonovskiy, V. P. Poriadynskiy. Ecological and economic study of winter wheat varieties by different geographical origin. <i>Ecological Engineering@Environmental Technology</i> 2023, 24(1), pp.12-21. <a href="https://doi.org/10.12912/27197050/154912">https://doi.org/10.12912/27197050/154912</a> . ISSN: 2719-7050 ( <b>Scopus</b> ).
	Y. Hryhoriv, A. O. Butenko, I. M. Masyk, T.O. Onychko, <b>G. A. Davydenko</b> , L.M. Bondarieva, A. Hotvianska, K. Horbunova, Y. Yevtushenko, M. Vandyk. Growth and Development of Sweet Corn Plants in the Agro-Ecological Conditions of the Western Region of Ukraine. <i>Ecological Engineering &amp; Environmental Technology</i> 2023, 24(4), pp. 216-222. <a href="https://doi.org/10.12912/27197050/162699">https://doi.org/10.12912/27197050/162699</a> ISSN 2719-7050 ( <b>Scopus</b> ).
	V. Kovalenko, O. Tonkha, M. Fedorchuk, A. Butenko, V. Toryanik, <b>G. Davydenko</b> , R. Bordun, S. Kharchenko, A. Polyvani. The Influence of Elements of Technology and Soil-Dimatic Factors on the Agrobiological Properties of <i>Onobrychis viciifolia</i> . <i>Ecological Engineering &amp; Environmental Technology</i> 2024, 25(5), pp. 179-190. <a href="https://doi.org/10.12912/27197050/185709">https://doi.org/10.12912/27197050/185709</a> ISSN 2719-7050 ( <b>Scopus</b> ).
	Mashchenko, O., Kriuchko, L., Bordun, R., Podhaietskyi, A., Sobran, I., <b>Davydenko, G.</b> , Toryanik, V., Hnitetskyi, M., Kuz'menko, R. 2024. The formation of indicators of the quality of buckwheat grain depending on the elements of technology. <i>Modern Phytomorphology</i> . Vol. 18. P. 12–16. <a href="https://doi.org/10.32782/2226-3063-2024.18.01">https://doi.org/10.32782/2226-3063-2024.18.01</a> – Web of Science Core Collection

	O. Datsko, E. Zakharchenko, Y. Butenko, V. Rozhko, O. Karpenko, N. Kravchenko, M. Sakhoshko, <b>G. Davydenko</b> , M. Hnitetskyi, A. Khtystenko. Environmental Aspects of Sustainable Corn Production and its Impact on Grain Quality. Ecological Engineering & Environmental Technology 2024, 25(11), pp. 163-167. <a href="https://doi.org/10.12912/27197050/192537">https://doi.org/10.12912/27197050/192537</a> ISSN 2299-8993 ( <b>Scopus</b> ).
Projects Experience:	<ul style="list-style-type: none"> <li>• 2010-2014 Participant of projects experiences of the Sumy branch of the Ukrainian society of soil scientists and agrochemists</li> </ul>
Membership	Member of the Ukrainian society of soil scientists and agrochemists
Main Conferences, seminars and training	<ul style="list-style-type: none"> <li>• 73rd International Conference – Landtechnik 2015 «Innovations in agricultural engineering for efficient farming» (Hannover, 10-14 November 2015), Hannover, Germany.</li> <li>• XV Konferenz «Ökologie in der landwirtschaftlichen Produktion mit besonderem Schwerpunkt in der Tierzucht und Pflanzenschutz» (DEULA-Nienburg, 14-15.11.2015), Nienburg, Germany.</li> <li>• Internationale Konferenz „Innovative Technologien in der Landwirtschaft in Deutschland“ (Biogas, Windanlagen, Solaranlagen) (DEULA-Nienburg, 26.09.-01.10. 2016), Nienburg, Germany.</li> <li>• Internationale Konferenz „Biogas und Biomethan – Herstellung und Nutzung“ (Hannover, 15-16 November 2016), Hannover, Germany.</li> <li>• Internationale Konferenz „Optimierung der Bearbeitungsgeräte in ressourcensparende Anbautechnologien“ (DEULA-Nienburg, 19-23.12. 2016), Nienburg, Germany.</li> <li>• 74rd International Conference – Landtechnik 2017 «Innovations in agricultural engineering for efficient farming» (Hannover, 12-18 November 2017), Hannover, Germany.</li> <li>• Internationale Konferenz „Optimierung der Bearbeitungsgeräte in ressourcensparende Anbautechnologien“ (DEULA-Nienburg, 13-15.11. 2017), Nienburg, Germany.</li> <li>• XVI Konferenz «Ökologie in der landwirtschaftlichen Produktion mit besonderem Schwerpunkt in der Tierzucht und Pflanzenschutz» (DEULA-Nienburg, 13-17.11. 2017), Nienburg, Germany.</li> <li>• IX Congress of the Ukrainian Society of Soil researchers and Agrochemists, Kharkiv National Agrarian University, Ukraine, 17-21.09.2018.</li> <li>• Internationale Konferenz „Biogas und Biomethan – Herstellung und Nutzung“ (Hannover, 13-16 November 2018), Hannover, Germany.</li> <li>• International Conference „Ag Machinery International 2019“ (Hannover, 10-16 November 2019), Hannover, Germany.</li> <li>• International Forum «Forum Pflanzenbau live» (Hannover, 10-16 November 2019), Hannover, Germany.</li> <li>• International Exhibition EuroTier i EnergyDecentral 2022 (Hannover, 15-18 November 2022), Hannover, Germany.</li> <li>• International Exhibition Agritechnica 2023 (Hannover, 12-18 November 2023), Hannover, Germany.</li> </ul>