


PERSONAL INFORMATION

Bogdan-Vlad AVARVAREI


 "Ion Ionescu de la Brad" Iași University of Life Sciences
 Faculty of Food and Animal Sciences
 8 Mihail Sadoveanu Alley, Iași, Romania

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WORK EXPERIENCE

02.2009 – present

Lecturer, PhD

"Ion Ionescu de la Brad" Iași University of Life Sciences, Faculty of Food and Animal Resources, Department "Management of animal productions", 8 Mihail Sadoveanu Alley, Iași – 700489, Romania

- Teaching - research
- [Business or sector](#) Education

12.1998 – 02.2009

Senior engineer IA

"Ion Ionescu de la Brad" University of Agricultural Sciences and Veterinary Medicine from Iași, Faculty of Horticulture, Department "Mechanization of agriculture", 3 Mihail Sadoveanu Alley, Iași – 700490, Romania

- Research
- [Business or sector](#) Education

08.2003 – 11.2005

Agri-business specialist for Romania

Citizen Network for Foreigner Affaires (CNFA), Washington DC, USA

- Development of agriculture in the North-East area of Romania
- [Business or sector](#) Agriculture

10.1999 – 10.2000

Area manager for North-East area of Romania

Romanian Federation for Rural Development, Bucharest, Romania

- Development of disfavoured areas for North-Eastern Romania
- [Business or sector](#) Development of rural areas

10.1996 – 07.1997

Substitute teacher

"Haralamb Vasiliu" Agricultural High School, Podu-Iloaie, Iași County, Romania

- Teaching
- [Business or sector](#) Education

10.1995 – 12.1998

Senior mechanical engineer I, Head of mechanical sector

Agricultural Research-Development Station, Podu-Iloaie, Iași County, Romania

- Research - production
- [Business or sector](#) Agriculture

10.1994 – 10.1995

Mechanical engineer, Head of mechanical workshop

Agricultural Research-Development Station, Podu-Iloaie, Iași County, Romania

- Research - production
- [Business and sector](#) Agriculture

- 2007 **Doctoral studies: Doctor in fundamental domain “Agricultural and forestry sciences”, domain “Horticulture”, specialization “Mechanization of agriculture”**
 “Ion Ionescu de la Brad” University of Agricultural Sciences and Veterinary Medicine from Iași
- 2017 **Postgraduate studies: Project manager**
 Centre for European Studies, “Alexandru Ioan Cuza” University from Iași
- 2015 **Postgraduate studies: Training of trainers**
 Centre for European studies, “Alexandru Ioan Cuza” University from Iași
- 2011 **Master studies: Management of food quality and safety**
 “Ion Ionescu de la Brad” University of Agricultural Sciences and Veterinary Medicine from Iași, Faculty of Animal Sciences
- 2007 **Bachelor studies: BSc diploma (engineer)**
 “Ion Ionescu de la Brad” University of Agricultural Sciences and Veterinary Medicine from Iași, Faculty of Agriculture, Specialization “Technology of agricultural products processing”
- 1999 **Module “Competence in higher education”**
 “Ion Ionescu de la Brad” University of Agricultural Sciences and Veterinary Medicine from Iași, Department for Didactic Training
- 1994 **Bachelor studies: BSc diploma (engineer)**
 “Gheorghe Asachi” Technical University from Iași, Faculty of Mechanics, Specialization “Agricultural machines and tractors”

PERSONAL SKILLS

Mother tongue Romanian

Other languages

	UNDESTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
French	B2	B2	B1	B1	B1
German	B1	B1	B1	B1	B1

Organisational / managerial skills

Other skills

ADDITIONAL INFORMATION

- Publications** Published articles: 112 (4 in ISI indexed journals; 11 in ISI Proceedings journals; 54 in BDI journals; 17 in CNCSIS recognized journals; 26 in proceedings of international conferences)
- Avarvarei B.V., Nistor (Cotfas) Lucia Iuliana, Simeanu D., Macri A.M., 2019 – Research regarding chemical content and nutritive value of hen eggs obtained in two different rearing systems. Revista de Chimie, vol. 70, no. 3. ISSN 2537-5733
 - Chelariu Elena Liliana, Draghia Lucia, Brînză Maria, Cojocariu Mirela, Avarvarei B.V., Paraschiv Nicoleta Luminița, 2019 – Research regarding the behaviour of some rose varieties from floribunda group in cropping conditions from Iași, Romania. Scientific Papers. Series B, Horticulture, vol. LXIII, issue 1, USAMV București. ISSN 2285-5653
 - Nistor C.E., Băcilă V., Avram P., Usturoi Al., Avarvarei B.V., 2019 – Evaluation of raw milk quality gathered from North East area of Romania. Scientific Papers. Series D. Animal Science. vol. LXII, no. 2, USAMV București. ISSN 2285-5750

- Simeanu D., Boișteanu P.C., Lazăr Roxana, Vintilă V., Avarvarei B.V.*, 2019 – Chemical composition and nutritional value of soybean meal. Scientific Papers. Series D. Animal Science. vol. LXII, no. 1, USAMV București. ISSN 2285-5750
- Simeanu D., Nistor Andreea Cătălina, Avarvarei B.V.*, Boișteanu P.C., 2019 – Chemical composition and nutritional evaluation of pasteurized egg melange. Revista de Chimie, vol. 70, no. 4. ISSN 2537-5733
- Chelariu Elena Liliana, Draghia Lucia, Brînză Maria, Cojocariu Mirela, Avarvarei B.V., 2018 – Studies regarding the behaviour of ornamental species *Lagurus ovatus* in cropping conditions from N-E area of Romania. Scientific Papers. Series B, Horticulture, vol. LXII, USAMV București. ISSN 2285-5653
- Carbonell Carrera C., Avarvarei B.V., Chelariu Elena Liliana, Draghia Lucia, Avarvarei Simona Catrinel, 2017 – Map reading skill development with 3D technologies. Journal of Geography, vol. 116, issue 5. ISSN 0022-1341
- Chelariu Elena Liliana, Draghia Lucia, Asănică A., Avarvarei B.V., 2015 – Behaviour of *Miscanthus sinensis* varieties in pedo-climatic conditions from North-East of Romania. Romanian Biotechnological Letters, vol. 20, no. 2, ISSN 1224-5984
- Măgdici E., Pagu I.B., Nistor C.E., Cioran C., Avarvarei B.V., Hoha G.V., Păsărin B., 2015 – Qualitative evaluation of European catfish meat preserved by cold smoking. Journal of Biotechnology, vol. 208, Supplement. ISSN 0168-1656
- Avarvarei B.V., Usturoi M.G., Usturoi Al., Rațu Roxana Nicoleta, 2014 – Analyse of some buttermilk assortments sold on Iași City market, Romania. Journal of Biotechnology, vol. 185, Supplement. ISSN 0168-1656
- Măgdici E., Nistor C.E., Pagu I.B., Hoha G.V., Avarvarei B.V., Păsărin B., 2014 – Research regarding the influence of slaughtering age on quantitative meat production at European catfish. Journal of Biotechnology, vol. 185, Supplement. ISSN 0168-1656
- Rațu Nicoleta Roxana, Usturoi M.G., Avarvarei B.V., 2014 – Quality of cow milk and for some cheeses assortments. Journal of Biotechnology, vol. 185, Supplement. ISSN 0168-1656
- Păsărin B., Hoha G.V., Costăchescu Elena, Avarvarei B.V., 2011 – Research regarding morphology, structure and physico-chemical features of the muscles provided from farming trout (*Onchorhynchus mykiss* and *Salvelinus fontinalis*). Current Opinion in Biotechnology, vol. 22, Supplement 1. ISSN 0958-1669
- Avarvarei B.V., Roșca R., Chelariu Elena Liliana, 2009 – The influence of working speed, plough and soil type on soils' breaking up degree at shallow tillage. Proceedings of "37th International Symposium – Actual Tasks on Agricultural Engineering", University of Zagreb, Croatia. ISSN 1333-2651
- Roșca R., Cârlescu P., Cazacu D., Avarvarei B.V., Rakosi E., Manolache Gh., 2009 – Evaluation of the tire-ground shear area: combining the model and experimental data. Proceedings of "37th International Symposium – Actual Tasks on Agricultural Engineering", University of Zagreb, Croatia. ISSN 1333-2651

Books and handbooks

Books published in national and international publishing houses: **5** (1 single author; 1 first author; 1 co-author; 2 editor)

- Avarvarei B.V., Nistor C.E., 2019 – Quality control and expertise of milling and bakery products (in Romanian). "Ion Ionescu de la Brad" Publishing House, Iași. ISBN 978-973-147-345-1
- Nistor C.E., Avarvarei B.V., Usturoi A., 2019 – Laboratory techniques and analysis in quality control and expertise of milling and bakery products (in Romanian). "Ion Ionescu de la Brad" Publishing House, Iași. ISBN 978-973-147-346-8
- Roman Angela, Wijdan Eltjani Elsiddig Abbas, Anna Stoyanova Andonova, Avarvarei B.V. (editors), 2017 – International conference proceedings of International conference on law, education, business and interdisciplinary studies (LEBIS-17) & International conference on humanities, social sciences and education (HSSE-17). ISBN 978-93-84422-44-8, published by International Centre of Economics, Humanities and Management
- Velev D., Avarvarei B.V. (editors), 2016 – International conference proceedings of International conference on environmental engineering (EETRE-2016), International conference on innovations in environmental sciences, civil and architecture engineering (ESCAE-2016), International conference on innovations in computer, electrical and electronics engineering & technology (ICEEET-2016) & International conference on innovations in chemical, agricultural and biological sciences (ICABS-2016). ISBN 978-93-84468-84-2, published by Emirates Research Publishing Limited
- Avarvarei B.V., 2013 – Analysis of commodity for some yoghurt assortments sold on Iași City market, Romania. In Elisabete Silva, Clarisse Pais, Luís S. Pais (eds.) – Teaching crossroads, Instituto Politécnico de Bragança, Bragança, Portugal. ISBN 978-972-745-151-7

Research grants and contracts

Contracts gain by competition – **8** (8 = member)

Contracts with private companies – **2** (2 = member)

International contracts – **2** (2 = member)

- CNCSIS 33340/2003, Realization and experimentation of a spraying machine in vineyards and super-intensive orchards with solution recovery panels. Grant manager: Prof. univ. dr. V. Vâlcu (2003 – 2005)
- CEEEX 14/2005, Establishment of the machine system for mechanization of soil works in agricultural farms in NE Romania aligned with the concept of sustainable agriculture. Grant manager: Prof. univ. dr. G. Jitoreanu (2005 – 2008)

- CEEX 130/2006, Technology for obtaining a new biological preservative in order to improve the quality of silos obtained from plants that are difficult to silage and its influence on milk production. Coordinator of UASVM Iași team: Prof. univ. dr. I. Țenu (2006 – 2008)
- PNCDI-2 51062/2007, Modernization of primary grain processing technologies in order to obtain quality agri-food products, corresponding to the principles of sustainable development and food security. Coordinator of UASVM Iași team: Prof. univ. dr. I. Țenu (2007 – 2009)
- CNCISIS 739/2007, Elaboration of unconventional and non-polluting cultivation solutions and techniques for ornamental plants, in sustainable development context. Grant manager: Prof. univ. dr. Lucia Draghia (2007 – 2009)
- PN-2 52107/2008, Research on optimization of working organs for germination bed preparation in accordance with the sustainable agriculture requirements. Grant manager: Prof. univ. dr. I. Țenu (2008 – 2011)
- PN-2 52174/2008, Capitalizing on the biodiversity of spontaneous flora in Romania in order to improve the assortment of ornamental plants. Grant manager: Prof. univ. dr. Lucia Draghia (2008 – 2011)
- Phare CBC 2006 Ref RO 2006/018-447.01.01.02, Cross-border cooperation for the establishment of a zonal center for the training of experts for the study, conservation and management of plant genetic resources, with a view to the efficient use of genetic heritage and the conservation of the environment. Grant manager: Prof. univ. dr. C. Leonte (2008 – 2010)
- Contract 12819/31.07.2017, Research on optimizing the nutrition of some species of pets and fish. Grant manager: Assoc. prof. dr. M. Gh. Doliș (2017 – 2019)
- Contract 14644/21.09.2018, Research on improving the storage and use of cut flowers of ornamental species grown in the field. Grant manager: Assoc. prof. dr. Elena Liliana Chelariu (2018-2020)
- Tecnologías en soportes digitales y tangibles para la representación tridimensional de modelos digitales de terreno, Universidad de La Laguna, San Cristobal de La Laguna, Tenerife, Spain, Grant manager: Prof. dr. Carlos Carbonell Carrera
- Geomática & Realidad Virtual, Universidad de La Laguna, San Cristobal de La Laguna, Tenerife, Spain, Grant manager: Prof. dr. Carlos Carbonell Carrera

Competences

- Processing technologies of animal and vegetal origin products;
- Mechanization of agriculture;
- Cross-border cooperation;
- Rural development and agri-tourism.

Research areas

- Processing technologies of animal and vegetal origin products;
- Research regarding the improvement technologies of animal origin products primary processing;
- Research regarding the improvement technologies of cereals primary processing;
- Cross-border cooperation on agriculture and animal husbandry in the North-East part of Romania;
- Establishment of the optimal plough type for soil tillage;
- Improving and testing of various agricultural machines and equipment.

Memberships

- Romanian Society of Agrarian History and Retrology (SIRAR)
- Romanian Association “Amicii Rozelor / Friends of Roses” – Member of World Federation of Rose Societies (WFRS)
- Societatea Română de Zootehnie / Romanian Society of Animal Production (SRZ)
- Societatea Română de Horticultură / Romanian Society of Horticulture (SRH)
- Association of Professionals in Food Industry – Education, Research and Production – Romania (ASIAR), Iași branch
- International Association of Engineers (IAENG)
- IAENG Society of Mechanical Engineers
- International Society for Agrometeorology (INSAM)
- International Society of Organic Agriculture Research (ISO FAR)
- Nordic Association of Agricultural Scientists (NJF)
- World Academy of Science, Engineering and Technology (WASET)
- International Institute of Chemical, Biological and Environmental Engineering (IICBEE)
- International Institute of Science Engineering & Management (IISEM)
- Emirates Association of Chemical, Biological & Environmental Engineers (EACBEE)
- European Biotechnology Thematic Network Association (EBTNA)
- European Society for Soil Conservation (ESSC)

12.03.2022