

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s)	Vlado Vuković		
Address(es)	Bul.AVNOJ 102/7, 1000 Skopje, Macedonia		
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E-mail	vvukovic@zf.ukim.edu.mk / vuk_vlado@yahoo.com		
Nationality	Macedonian		
Date of birth	03.Sep. 1964		
Gender	Male		

Work experience

Dates	01. July. 1990 - present
Occupation or position held	University professor (full professor)
Main activities and responsibilities	Teaching, research and application in pig production and breeding, selection of domestic animals, methodology of scientific investigation
Name and address of employer	University "Ss Cyril and Methodius" in Skopje, Faculty for Agricultural Sciences and Food, bul.Aleksandar Makedonski b.b., 1000 Skopje, Republic of Macedonia
Type of business or sector	Academic, Research, Education, Agriculture

Education and training

Dates	1998-2003
Title of qualification awarded	Diploma of PhD
Principal subjects/occupational skills covered	Thesis Title: Estimation of genetic parameters for most important reproduction and productive traits of pigs
Name and type of organisation providing education and training	University "Ss Cyril and Methodius" in Skopje, Faculty of Agriculture, bul.Aleksandar Makedonski b.b., 1000 Skopje, Republic of Macedonia
Level in national or international classification	ISCED 7
Dates	1990 – 1998
Title of qualification awarded	Diploma of M Sc.
Principal subjects/occupational skills covered	Thesis Title: Variability and connection between production and reproduction traits in swine with different genotypes
Name and type of organisation providing education and training	University of Belgrade, SR.Yugoslavia
Level in national or international classification	ISCED 6

Dates	1997
Title of qualification awarded	Diploma of Attendance
Principal subjects/occupational skills covered	Macedonian Pork Producers Training Program
Name and type of organisation providing education and training	Agriculture Cooperative Development International Volunteers in Overseas Cooperative Assistance (ACDI/VOCA)
Level in national or international classification	ISCED 5
Dates	1995
Title of qualification awarded	Diploma of Attendance
Principal subjects/occupational skills covered	Course: Animal breeding strategies
Name and type of organisation providing education and training	University of Guelph, Canada
Level in national or international classification	ISCED 6
Dates	August 1994
Title of qualification awarded	Diploma / Award
Principal subjects/occupational skills covered	5 th WCGALP/CIDA Scholarship for young scientists
Name and type of organisation providing education and training	University of Guelph, Canada
Level in national or international classification	ISCED 6
Dates	August 1994
Title of qualification awarded	Diploma of Attendance
Principal subjects/occupational skills covered	Course: Analysis of Molecular Genetic Information's
Name and type of organisation providing education and training	University of Guelph, Canada
Level in national or international classification	ISCED 7
Dates	1983 – 1989
Title of qualification awarded	Engineer of agriculture, Diploma BSc
Principal subjects/occupational skills covered	Animal production
Name and type of organisation providing education and training	University "Ss Cyril and Methodius" in Skopje, Faculty for Agricultural Sciences and Food, bul.Aleksandar Makedonski b.b., 1000 Skopje, Republic of Macedonia
Level in national or international classification	ISCED 6

Personal skills and competences

Mother tongue(s) **Serbian**

Other language(s) **Macedonian** (fluent as mother tongue)

Self-assessment

European level ()*

English

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
A2	Basic user	A2	Basic user	A2	Basic user	A2	Basic user	A2	Basic user

(*) *Common European Framework of Reference for Languages*

Organisational skills and competences	Project cycle management and team management.
Technical skills and competences	Pig farming, pig breeding and reproductive management in pigs (artificial insemination).
Computer skills and competences	MS Office, Statistical Packages (Harway 90), Breeding software (GENUP, PEDIGREE, MTDFREML).
Other skills and competences	Sustainable development, strategy planning, strategy analyzes and strategy documents preparation.
Driving licence	B
Additional information	
Annexes	Annex 1 (List of publications), Annex 2 (List of trainings), Annex 3 (List of participations and projects)

ANNEX 1 (List of publications)

Scientific and research papers with Impact factor:

1. Andonov S., Ødegård J., Boman I. A., Svendsen M., Holme I. J., Ådnøy T., **Vukovic V.**, Klemetsdal G. 2007. Validation of Test-Day Models for Genetic Evaluation of Dairy Goats in Norway. J. Dairy Sci. 90: 4863-4871. (DOI:10.3168/jds.2006-626). **ISI Impact factor (2007) 2,903.**

Scientific, research, technical and other papers, abstracts, posters and documents:

1. S.Belicovski, T.Tokovski, **V.Vukovic**, Orhideja Zlatkova: "Influence of the month of farrowing and parity on some reproductive traits in sows". Macedonian veterinary review, Vol. 22, N° 1-2, 1993, Skopje.
2. S.Belicovski, **V.Vukovic**, Z.Markic: "Production analysis in public pig farms in Republic of Macedonia" Proceeding of papers of the Annual Meeting "Faculty with farmers '93", Vol. 1, 1994, Skopje.
3. **V.Vukovic**, S.Belicovski, P.Dimsovski, K.M.Irvin: "Influence of genotype and live weight of gilts on litter size and litter growth". Proceedings of the 5th world congress on genetic applied to livestock production. Vol. 17, august 7-12, 1994, Ontario, Canada.
4. S.Belicovski, **V.Vukovic**, S.Andonov: "Influence of genotype and parity of sows on the litter size and weight." Proceeding of papers of the Annual Meeting "Faculty with farmers '94", Vol. 2, 1995, Skopje.
5. Stojan Belicovski, **Vlado Vukovic**, Sreten Andonov: "The effect of genotype, parity and year of farrowing to same reproductive characteristic of sow". Scientific Conference: Problems of animal breeding in Bulgaria, 4 October, 1996, Sophia, Bulgaria.
6. **Vlado Vukovic**: "Variability and connection between production and reproduction traits in swine with different genotypes". Master Thesis, 27 March, 1998, University of Belgrade, Faculty of agriculture, Livestock Department - Zemun, Yugoslavia.
7. Petrovic Milica, **Vukovic V.**, Radojkovic D., Belicovski S. "Estimation of breeding value of boars based on fertility of their daughters". Makedonska zemjodelska revija, 45 (1-2), 1-106, 1998, Skopje.
8. **Vukovic V.**, Petrovic Milica, Belicovski S.: "Phenotypic connection between production and reproduction traits in primiparous sows from different genotypes". 5th International symposium, New trends in breeding farm animals, 1999, Belgrade, Yugoslavia.
9. Filev, K./ Ilkovski, R./ Belicovski, S./ Dzabirski, V./ Andonov, S./ Trajkovski, T./ Kozarovski, N./ Kocevski, D./ **Vukovic, V./ Bunevski, Dj./ Angelov, Lj./ Arsov, S.** 2000. National Breeding Program for Livestock in Republic of Macedonia. Ministry for agriculture forestry and water resources, Skopje, 2000.
10. **V.Vukovic**, S.Andonov, D.Kocevski, S.Belicovski.: "Predicted selection response for productive and reproductive traits in Macedonian National Breeding Programme". 7thWCGALP, 03-42, Montpellier, France, 2002.
11. **V.Vukovic**: "Estimation of genetic parameters for most important reproductive and productive traits of pigs". PhD, University St.Ciril and Methodius, Faculty of agriculture Skopje, June 23, 2003.
12. **V.Vukovic**, S.Andonov, D.Kocevski, Zoran T. Popovski, S.Belicovski.: "Overview of pig breeding in the Republic of Macedonia". 4th International workshop on data management and genetic evaluation in pigs, Domzale, Slovenija, April, 2004.
13. **Vukovic V.**, Andonov S., Milena Kovac, Kocevski D., Spela Malovrh.: "Estimation of genetic parameters for number of teats and traits from performance test of gilts", 3rd Meeting of BALNIMALCON, A Network of Universities and Research Institutes of Animal Science of the South Eastern European Countries, HELEXPO International Congress Center "NIKO-LAOS GERMANOS" Room C, 10-12 February 2007-Thessaloniki-Greece.
14. **Vlado Vuković**, Sreten Andonov, Marijana Karajorgieva, Toni Dimitrievski, Zdravko Trpkovski. 2006. Utvrduvawe na kvalitetot na svinskite polutini (SEUROP) vo Republika Makedonija. Zbornik na trudovi, XXXI, Sredba "Fakultet-Stopanstvo" 2006, 121-138.
15. **Vukovic V.**, Jovanovski D., Stojanova Vesna.: The "added" values of the Macedonian society from an unexpected direction. 5thSDEWES, no543, Dubrovnik, Croatia, 2009.
16. **Vukovic V.**, Markovska N., Jovanovski D.: Sustainable energy practices in the rural communities of the Republic of Macedonia. 5thSDEWES, no544, Dubrovnik, Croatia, 2009.
17. Andonov S., **Vukovic V.**, Uzunov, A.: Genetic parameters for reproductive traits and number of teats in pigs. 9th WCGALP, no.0838, Leipzig Germany, 2010.
18. **Vukovic V.**, Andonov S., Vasilev D., Trpkovski Z., Mijakova Murdzeva A.: Improved Classification Results for Macedonian Pork. 9th WCGALP, no.0500, Leipzig Germany, 2010.
19. Popovski, Z.T., Dimitrievska B., Andonov S., **Vukovic V. S.**, Domazetovska S.: Correlation between certain biochemical parameters and different genotypes for malignant hyperthermia in swine. The First International Symposium on Animal Science. 8-10 Nov. Belgrade, Serbia, p.258-264, 2012.

20. **Vukovic V.**, Andonov S.: Review of achieved results in the pig production of the Republic of Macedonia. International symposium for agriculture and food, 65 years FASF, Skopje, 114, 2012.
21. Georgievski S., Kocevski D., Dzabirski V., Bunevski G., **Vukovic V.**, Andonov S., Porco K., Nikolova Nedeljka, Arsov S., Tasev G.: Egg production and egg quality parameters of layers fed diets with or without added phytase. International symposium for agriculture and food, 65 years FASF, Skopje, 143, 2012.
22. Georgievski S., Kocevski D., Dzabirski V., Bunevski G., **Vukovic V.**, Porco K., Nikolova Nedeljka, Arsov S., Tasev G.: Comparing production data of layers under conventional and restricted feeding program. International symposium for agriculture and food, 65 years FASF, Skopje, 147, 2012.
23. Kocevski D., Georgievski S., **Vukovic V.**, Nikolova Nedeljka: Broiler production in Macedonia. International symposium for agriculture and food, 65 years FASF, Skopje, 149, 2012.
24. **Vukovic V.**, Arsov S., Trpkovski Z., Micevska Gabriela: Investigation of energy efficiency potentials of the Macedonian pig sector and their practical implementation's. 7thSDEWES, Ohrid, R.Macedonia, 2012.
25. **Vukovic V.**: Breeding advantages of Topigs "In Gene" concept in the modern pig husbandry. 16th International conference, Krmiva 2009, June 1-3, Opatija, Croatia, 2009.
26. **Vukovic V.**, Simon G., Mocsari E.: Genetic opportunities for high temperature tolerance sows - new pig breeding goal. 17th International conference, Krmiva 2010, June 7-9, Opatija, Croatia, 2010.
27. **Vukovic V.**, Simon G., Mocsari E.: Artificial insemination as tool in the modern pig husbandry. 18th International conference, Krmiva 2011, June 8-10, Opatija, Croatia, 2011.
28. **Vukovic V.**, Simon G., Mocsari E.: Genomic selection - new added value in pork production, Krmiva 2012, May 30- June 1, Opatija, Croatia, 2012.
29. Kocevski D., Georgievski S., Dzabirski V., Bunevski G., **Vukovic V.**, Andonov S., Porco K.: Restrictive feeding as a management tool for reduced manure production and environmental pollution from a layer farm. 4th Congress of ecologists of the Republic of Macedonia with international participation and marking the 40th anniversary of the Macedonian ecological society, October 12-15, Ohrid, 2012.
30. Kocevski D., Georgievski S., Dzabirski V., Bunevski G., **Vukovic V.**, Andonov S., Porco K.: Managing poultry diet composition to reduce phosphorus excretion and environmental pollution. 4th Congress of ecologists of the Republic of Macedonia with international participation and marking the 40th anniversary of the Macedonian ecological society, October 12-15, Ohrid, 2012.
31. **Вуковиќ В.**: Како да се зголеми енергетската ефикасност на фарма. Моја земја, бр. 64, ФФРМ Медија, Скопје, 26-27, 2011.
32. **Вуковиќ В.**, Петровска Светлана, Петкановска Ивана, Јаневска Снежана, Филиповски Д.: Енергетска ефикасност на фармите и руралните домаќинства. ЦеПроСАРД, 2011
(<http://www.ceprosard.org.mk/MK/PDF/Energetska%20efikasnost%20MK%20za%20pecat.pdf>)
33. **Вуковиќ В.** и група автори: "Енергија од земјоделството" - "Енергија за земјоделството", Монографија, ЦеПроСАР, 2010.
34. Андонов С., Узунов А., Србиновска С., Ѓеорѓиевски С., Димитров Л., Киранциски Т., **Вуковиќ В.** и Ефтимова Елена: Студија за адаптација на анималното производство во Република Македонија спрема климатските промени со аксиски план. Мрежа за рурален развој на Република Македонија, 2014.
35. Andonov S., **Vukovic V.**, Uzunov A. Mijakova Murdzeva Ana: Validation of Repeatability Models in Genetic Evaluation of Reproductive Traits in Pigs, 10th World Congress of Genetics Applied to Livestock Production, Vancouver, Canada, 2014.
36. **Vukovic V.**, Andonov S.: Phenotypic levels for economically important traits in the overall population of pigs in the Republic of Macedonia. 2nd International symposium for agriculture and food ISAF 2015, Ohrid.
37. Menčik S., **Vuković V.**, Modrić M., Špehar Marija, Ostović M., Sušić V., Štoković I., Samardžija M., Ekert Kabalin Anamaria: Prr-Alui Gene Polymorphism and litter size traits in highly prolific line of Topigs 20 sows, Acta Veterinaria-Beograd 2015, 65 (4), 463-476.
38. **Vuković V.**, Milojković D., Andonov S., Mocsári E. and Simon G.: Effect of genotype and year of birth of Topigs Norsvin breeding gilts on their later performances, 22. меѓународно savjetovanje KRMIVA 2015, Opatija, Croatia.

ANNEX 2 (List of trainings and research visits)

1. Short-term research mission in Zootechnical Department, Biotechnical Faculty, Uni. of Ljubljana, Slovenia, 2006.
2. Short-term (3 months) research guest in Institute for Animal and Aquacultural Sciences, University of Life Sciences, Aas, Norway, 2003.
3. Participant on course Animal breeding strategies, University of Guelph, Canada, 1995.
4. The 5th WCGALP- world congress on genetic applied to livestock production in 1994, Analysis of Molecular Genetic Information's Ontario, Canada.
5. EAAP, Introduction to design and economics of animal breeding strategies in 1995, Prague, Czech Republic.
6. Scientific Conference: Problems of animal breeding in Bulgaria, 1996 in Sophia, Bulgaria.
7. 4th International workshop on data management and genetic evaluation in pigs, April, 2004, Domzale, Slovenija.
8. Many short-term visits in CEE Europe of pig farms and AI lab centres continuously.

ANNEX 3 (List of participations and projects)

Participation on congresses, symposiums, seminars, workshops, journals and other events

1. The 5th WCGALP- world congress on genetic applied to livestock production in 1994, Ontario, Canada;
2. EAAP, Introduction to design and economics of animal breeding strategies in 1995, Prague, Czech Republic;
3. Scientific Conference: Problems of animal breeding in Bulgaria, 1996 in Sophia, Bulgaria.
4. The 7th WCGALP world congress on genetic applied to livestock production in 2002, Montpellier, France;
5. 4th International workshop on data management and genetic evaluation in pigs, April, 2004, Domzale, Slovenija;
6. 5th SDEWES, no544, Dubrovnik, Croatia, 2009;
7. International symposium for agriculture and food, 65 years FASF, Skopje, 114, 2012.
8. 7th SDEWES, Ohrid, R.Macedonia, 2012
9. 16th International conference, Krmiva 2009, June 1-3, Opatija, Croatia, 2009;
10. 17th International conference, Krmiva 2010, June 7-9, Opatija, Croatia, 2010.
11. 18th International conference, Krmiva 2011, June 8-10, Opatija, Croatia, 2011.
12. 19th International conference, Krmiva 2012, May 30- June 1, Opatija, Croatia, 2012.
13. 20th International conference, Krmiva 2013, Opatija, Croatia, 2013.
14. 21th International conference, Krmiva 2014, Opatija, Croatia, 2014.
15. 22th International conference, Krmiva 2015, Opatija, Croatia, 2015.
16. ЦеПроСАРД презентација, Скопје, Декември 2009.
17. Workshop on Topigs breeding tools, Brno, Czech Republic, March 07, 2013.
18. TOPIGS CEE Seminar, Hungary, June 28, 2012
19. TOPIGS CEE Seminar, Hungary, July 02, 2010
20. Topigs Danubia Workshop for farmers, Rakoczi, Hungary, December 1, 2011.
21. Topigs Danubia Seminar for the farmers (Use of AI in pigs), Hungary, March 2010.
22. 10th Expert Forum-Challenges and solutions for sustainable development in the countries of the CEI region, UKIM, Skopje, November 2008
23. Presentation of National Strategy for Sustainable Development, Bitola, June 2009.
24. 2nd International symposium for agriculture and food ISAF 2015, Ohrid.

Coordination and participation in projects, programs and journals

1. 2010. Macedonia. Ministry of Agriculture, Forestry and Water Economy (MAFWE). Expert. Common National Animal Breeding Program (2011-2020).
2. 2008; Macedonia; GTZ; Expert; Strategy for Regional Development in Republic of Macedonia.
3. 2006 – 2007; Slovenia/Macedonia; Bilateral scientific project; Project leader. Development of models for estimation of genetic parameters for productive and reproductive traits in pigs.
4. 2002-2003; PSO, The Netherlands. National team leader. Meat Quality Control in Macedonia.
5. 2000 – 2002; Macedonia; Agreement; Local leader and expert; Project "Development of Macedonian Hogs for Quality Pork" (PSO 0/MA/1/17).
6. 1996; USA, VOCA, the Private Agribusiness Development Program (PAD), Training Program for Macedonian Pork Producers.
7. 2001; German GTZ, project leader, Improvement of finishing pig's quality in small private farms in Republic of Macedonia.
8. 2002; German GTZ, project leader, Introduction of SEUROP standard in production of swine's in Republic of Macedonia.
9. 2002-2005; Norwegian SEE program in agriculture, project leader, "Competence transfer and institutional contact and co-operation between faculties of Agriculture, Forestry and Veterinary Medicine in South Eastern Europe (SEE)" Project 2. Unification and improving of selection of domestic animals in South East Europe – Sub project for pigs.
10. 2004-2005; GTZ and MAFWE, leader of core group for implementation of "Strategy for approximation of the Macedonian agro-food sector to the common agriculture policy".
11. 2006-2007, SIDA founded project - OPTO international project, local expert, Creation, implementation and assessment of the MAASP advisory packages 2006-2007 <Macedonian Agriculture Advisory Support Program>;
12. 2006-2008; SIDA and MAFWE, National coordinator in the Agriculture and Rural Development Working Group (expert) – Preparation of "National Strategy for Sustainable Development in the Republic of Macedonia" Ministry of Environment and physical planning of Republic of Macedonia on behalf of the Government of the Republic of Macedonia;
13. 2008-2009; Local Short-term Strategy and Legislation Pig Sector Exper - National Animal Identification Programme Phase III in the Republic of Macedonia, "Activity 2.1. Assist the Competent Authority to design and implement strategy and work plan for nation-wide I&R of porcine animals" and "Activity 2.3. Transpose prevailing EU legal instruments on I&R of porcine animals into national primary and secondary legislation" included in the project work plan;

14. 2009-2013; Coordinator of national breeding activities & herd book keeping of pure and cross line pigs for the Republic of Macedonia;
15. 2008-2013; External pig specialist in large integrated systems of pig production AGRIA Group, Republic of Macedonia – (genetic improvement, farm management, overall farm technology and control of % of meat on the slaughter line according SEUROP);
16. 2009-2012; The Agro-Energy Project: “Promotion of Sustainable Farming and Energy Practices in the Rural Communities of the Republic of Macedonia”, Research coordinator;
17. 2013; National strategy for agriculture and rural development for the period 2014-2020, MAFWE, sector expert;
18. 2008-2022; Pig breeding and AI specialist - S&D department for Central and Eastern Europe within worldwide pig breeding program of Topigs International B.V. (PIGTURE GROUP), The Netherlands and Topigs Danubia in Hungary.