

PERSONAL INFORMATION

Surname, first name, degree

Šoch Miloslav, prof. Ing. CSc.

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address

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Citizenship

Czech Republic

Nationality

Czech

Place and date of birth

Tábor, 14.11. 1953

Gender

Male

WORK EXPERIENCE

Date

1.1. 2008 – up to present

Name and address of employer

University of South Bohemia, Faculty of Agriculture, Studentská 13, 370 05 České Budějovice

Type of business or sector

Management and administration

Occupation or position held

Dean of faculty

Main activities and responsibilities

Management of faculty

Date

1.7. 2007 - up to present

Name and address of employer

University of South Bohemia, Faculty of Agriculture, Studentská 13, 370 05 České Budějovice

Type of business or sector

Education, research

Occupation or position held

University professor at the Department of veterinary disciplines and quality of products

Main activities and responsibilities

Teaching and tutoring of physiology, animal hygiene and welfare of animals

Date

1.1 1999 – 30.6. 2007

Name and address of employer

University of South Bohemia, Faculty of Agriculture, Studentská 13, 370 05 České Budějovice

Type of business or sector

Education, research

Occupation or position held

Associate professor at the Department of veterinary disciplines and quality of products

Main activities and responsibilities

Teaching and tutoring of physiology, animal hygiene and welfare of animals

Date

1.1. 1998 - 31.1. 1998

Name and address of employer

University of South Bohemia, Faculty of Agriculture, Studentská 13, 370 05 České Budějovice

Type of business or sector

Education, research

Occupation or position held

Assistant professor at the Department of veterinary disciplines and quality of products

Main activities and responsibilities

Teaching and tutoring of physiology, animal hygiene and welfare of animals

Date

15.6.1992 - 31. 12. 1997

Name and address of employer

University of South Bohemia, Faculty of Agriculture, Studentská 13, 370 05 České Budějovice

Type of business or sector

Education, research

Occupation or position held

Research and scientific worker at the Department of general zootechnics, nutrition and feeding of farm animals

Main activities and responsibilities

Research and teaching in the field of general zootechnics and physiology of farm animals

Date	30.6.1989 - 14.6.1992
Name and address of employer	Unified Cooperative Farm Opařany based in Stádlec
Type of business or sector	Applied research
Occupation or position held	Member and later a head of the centre of research and development of animal farming and technological systems
Main activities and responsibilities	Research in the field of animal farming and technological systems in animal husbandry
Date	1.1.1989 - 30.6.1989
Name and address of employer	Crop Research Institute Prague – station in Veselí nad Lužnicí
Type of business or sector	Applied research
Occupation or position held	Expert worker I – livestock specialist
Main activities and responsibilities	Research in the field of animal farming and technological systems in animal husbandry
Date	1.1.1985 - 31.12.1988
Name and address of employer	Institute for Scientific System of Management Prague, station in Veselí nad Lužnicí
Type of business or sector	Applied research
Occupation or position held	Expert worker I – livestock specialist
Main activities and responsibilities	Research in the field of animal farming and technological systems in animal husbandry
Date	22.10.1979 - 31.12.1984
Name and address of employer	Common Agriculture Company for animal husbandry Tábor
Type of business or sector	Animal farming – operation management
Occupation or position held	Livestock specialist and head of the centre
Main activities and responsibilities	Management of animal husbandry and human sources at the centre of pig fattening
Date	10.9.1979 - 10.10.1979
Name and address of employer	Breeding Company Kladruhy nad Labem, branch in Písek
Type of business or sector	Agricultural production – operation management
Occupation or position held	Livestock specialist and deputy head of the centre
Main activities and responsibilities	Management of crop and animal farming and human sources at the farm centre
Date	1.8.1978 - 31.8.1979
Name and address of employer	Unified Cooperative Farm Opařany based in Stádlec
Type of business or sector	Animal farming – operation management Zootechnická práce v chovech hospodářských zvířat
Occupation or position held	Livestock specialist
Main activities and responsibilities	Zootechnical work in farming of animals

EDUCATION AND TRAINING

Date	6/2007
Name and type of organisation providing education or training	Slovak Agriculture University Nitra, Slovak Republic
Principal subjects/occupational skills covered	Research study in the field of general zootechnics, physiology and animal hygiene of farm animals
Title of certification awarded	University professor for the discipline GENERAL ZOOTECHNICS
Level in national classification (if appropriate)	
Date	1/1998
Name and type of organisation providing education or training	University of Veterinary and Pharmaceutical Sciences Brno, Faculty of Veterinary Hygiene and Ecology
Principal subjects/occupational skills covered	Animal hygiene a physiology of farm animals
Title of certification awarded	Associate professor in the field of animal hygiene a physiology of farm animals
Level in national classification (if appropriate)	
Date	1/1997
Name and type of organisation providing education or training	University of South Bohemia, Faculty of Agriculture
Principal subjects/occupational skills covered	Physiology and animal hygiene of farm animals
Title of certification awarded	2. scientific postgraduate degree
Level in national classification (if appropriate)	
Date	9/1987 – 6/1990
Name and type of organisation providing education or training	Agricultural University Prague
Principal subjects/occupational skills covered	General zootechnics
Title of certification awarded	CSc.
Level in national classification (if appropriate)	
Date	9/1983 – 6/1985
Name and type of organisation providing education or training	Agricultural University Prague
Principal subjects/occupational skills covered	Nutrition and feeding of farm animals
Title of certification awarded	Postgraduate course
Level in national classification (if appropriate)	
Date	9/1973 – 6/1978
Name and type of organisation providing education or training	Agricultural University Prague
Principal subjects/occupational skills covered	Zootechnics
Title of certification awarded	Ing.
Level in national classification (if appropriate)	

SKILLS AND COMPETENCES

Native language	<i>Czech</i>
Other languages: English	<i>Intermediate – exams B3, B4, INT1</i>
French	<i>Intermediate</i>
Russian	<i>Intermediate</i>
Organisational skills and competences	<i>Management, leadership of working teams, administration</i>
Experience in evaluation of projects	<p><i>Membership in committees of science foundations</i></p> <p>2000 - member of grant branch committee FRVŠ for sector G</p> <p>2000 - 2005 - member of grant evaluator committee NAZV for animal farming</p> <p>2005 - 2006 - member of grant branch committee FRVŠ for sector A</p> <p>2007 - 2012 - member of grant evaluator committee NAZV for animal farming - working group II of programme committee "Programme in agrarian sector"</p> <p>2008 – member of evaluating committee of Ministry of Agriculture for evaluating of proposals and results of research intentions</p> <p>2010 – evaluator of Operational Programme Research and Development for Innovations</p> <p>2010 – evaluator of Technological Agency of Czech Republic</p> <p>2010 – member of National Board of Consultancy and Education for Agriculture and Country Development</p>
Other skills and competences	<p>Main organizer of 6 conferences and 7 workshops</p> <p><i>Experience with projects in the field of research, development and innovations, either with their preparations, realizations, or evaluations – Principal investigator or investigator of 38 grants and research intentions + the list of patents, utility models and certified methodologies in the list of publications</i></p> <p><i>Practical experience with the support of innovative activities of technological companies (consultancy of beginning technological companies, financing, arranging subject of commercialization...) – participation on preparations of the project BAT (best available technologies) centres - participation on formation of food cluster „Chutná hezky. Jihočesky“, sale of patents and providing of licences for the faculty.</i></p>

Publications

(in last 5 years)

Patents and utility models

Kukačka, V., Šoch, M.: System of measurement of the reaction time in animals, especially horses. *Utility model* PUV 2008-19760, zapsáno 26.5. 2008 v Rejstříku užžitných vzorů pod č. UV 18569.

Kukačka, V., Šoch, M. (2008): Methods of measurement of the reaction time in animals, especially horses and system of its measurement. *Patent*. Úřad průmyslového vlastnictví, patent filing number E/ 001159.

Vegricht, J., Fabiánová, M., Miláček, P., Šoch, M.: Surface of the box for animal farming. Originator of the invention: Int. Cl.: A01K 1/00, E04B 2/04, E04B 1/62, E304H 5/08. Česká republika, Úřad průmyslového vlastnictví. *Utility model* PUV 2009-21753, přihlášeno 02.10.2009, zapsáno 26.10.2009, zveřejnění zápisu 4.11.2009.

Vegricht, J., Fabiánová, M., Miláček, P., Šimon, J., Šoch, M.: Roof of hutches for animal farming. Int. Cl.: A01K 1/00, E04F 17/04, F24F 7/02. Česká republika, Úřad průmyslového vlastnictví. *Utility model* PUV 2009-21899, přihlášeno 5.11.2009, zapsáno 7.12.2009, zveřejnění zápisu 16.12.2009.

Machálek, A., Šimon, J., Vlastimil Havlík, Šoch Miloslav A Jarmila Voříšková. Equipment for improvement of animal welfare at milking. *Utility model* CZ22961 U1. Uděleno 21.11.2011. Zapsáno 14.7.2011.

Machálek, A., Šimon, J., Vlastimil Havlík, Šoch Miloslav, Jarmila Voříšková. Equipment for improvement of welfare at milking animals. *Patent*.

Ing. Jana Šťastná, prof. Ing. Miloslav Šoch, CSc., Ing. Pavel Doubek, doc. Ing. Josef Pecen, CSc., Ing. Petra Zabloudivá, Ing. Barbora Petráčková, Ing. Miroslav Češpiva. Certified technological method of disinfection of feed water in poultry meat breeding with the utilization of technological product of electrochemical activation of water VertEsprit ANK. 2011. *Certified technology*.

Selected reviewed publications:

Šoch, M., Šrejberová, P., Brouček, J.: The relationship of copper and zinc with haematological parameters in beef cattle. *J. Anim. Sci.* Vol. 84, 2006, Suppl. 1/J. Dairy Sci. Vol. 89, Suppl. 1, p. 165.

Brouček, J., Kišac, P., Hanus, A., Uhrinčat, M., Mihina, Š., Šoch, M.: Effect of season at the birth and sire lineage of performance and health of calves. *Acta fytotechnica et zootechnica – Mimoriadne číslo*. Nitra, Slovaca Universitas Agriculturae Nitriae, 2006, s. 137 – 140.

Brouček, J., Uhrinčat, M., Mihina, Š., Kišac, P., Hanus, A., Šoch, M.: Effect of sire lineage of heifers on their behaviour in the unfamiliar environment and maze. *Acta fytotechnica et zootechnica – Mimoriadne číslo*. Nitra, Slovaca Universitas Agriculturae Nitriae, 2006, s. 140 – 142.

Kroupová, P., Šoch, M., Brouček, J., Písek, L., Šilhavá, M.: Calf diarrhoea – a consideration of the preventive effect of a homeopathic medicament. *Slovak J. Anim. Sci.*, 40, 2007, (3), str. 157 – 160. ISSN 1335-3686.

Hosnedlová, B., Trávníček, J., Šoch, M.: Current view of the significance of zinc for ruminants: a review. *Agricultura Tropica et Subtropica*, Vol. 40, 2, 2007, p. (Ed.: Institute of Tropics and Subtropics, CUA Prague, The Czech Republic) ISSN 0231-5742, ISSN (on-line) 1801-0571.

Cempírková, R., Šoch, M.: The analysis of real microbiological risks for dissociated slurry: a review. *Agricultura Tropica et Subtropica*, Vol. 40, 4, 2007, p. 164 – 170. (Ed.: Institute of Tropics and Subtropics, CUA Prague, The Czech Republic) ISSN 0231-5742, ISSN (on-line) 1801-0571.

Šoch, M., Písek, L., Brouček, J., Kroupová, P., Šilhavá, M., Šťastná, J.: Aktivita of alkaline phosphatase in cattle blood plasma according to stage of pregnancy. *Slovak J. Anim. Sci.*, 41, 2008, (1): 39 – 41. ISSN 1335-3686.

Šrejberová, P., Šoch, M., Brouček, J.: Relationship between copper and zinc selected haematological parameters in beef and dairy cattle. *Slovak J. Anim. Sci.*, 41, 2008, (1): 42 – 45. ISSN 1335-3686.

Písek, L., Trávníček, J., Šalát, J., Kroupová, V., Šoch, M.: Changes in white blood cells in sheep blood during selenium supplementation. *Veterinární medicína*, 53, 2008 (5): 255-259.

Brouček, J., Uhrinčat, M., Šoch, M., Kišac, P.: Genetics of behaviour in cattle. *Slovak J. Anim. Sci.*, 41, 2008, (4): 166 – 172. ISSN 1335-3686.

Vráblíková, J., Šoch, M., Vráblík, P.: Theoretical solutions for revitalization of territory in the area of disparities of land resources in Podkrušnohoří. *Studia oecologica*, FŽP UJEP Ústí n. Labem, ročník II, 2008, 1, str. 35 – 39. ISSN 1802-212X.

Brouček, J., Šoch, M., Šrejberová, P.: Effect of different environmental factors on selected blood minerals in sheep. *Slovak J. Anim. Sci.*, 42, 2009, (2): 145 – 150. ISSN 1337-9984.

Brouček, J., Novák, P., Vokřálová, J., Šoch, M., Kišac, P., Uhrinčat, M.: Effect of high temperature on milk production of cows from free-stall housing with natural ventilation. *Slovak J. Anim. Sci.*, 42, 2009, (4): 167 – 173. ISSN 1337-9984.

Vegricht, J., Fabiánová, M., Šimon, J., Miláček, P., Šoch, M.: Determination of influence of temperature in the environment on selected climatic parameters in alternative housing systems for calves. *Agritech Science [online]*, 2009, č. 3, čl. 5, str. 1-7. Dostupný z [www](http://www.agritechscience.com). ISSN 1802-8942

Illek J., Šoch M.: Respiratory syndrom – a current problem of large herds. *Veterinářství*, 60, 2010, (2): 112 – 114. ISSN 0506 8231.

Šoch, M., Brouček, J., Vydrová, P., Pálka, V., Šťastná, J., Uhrinčat, M.: Influence of environment on haematological and micromineral parameters in plasma of cows. *Veterinářství, Supplementum*, LX, 2010, 1: 137 – 139.

Šoch, M., Brouček, J., Vydrová, P., Šťastná, J., Raabová, M., Uhrinčat', M.: Mineral blood parameters of cows according to different environmental factors. *Veterinářství, Supplementum*, LX, 2010, 1: 139 – 140. ISBN 978-80-7305-108-2.

Šoch, M., Brouček, J., Vydrová, P., Tejml, P., Šťastná, J., Uhrinčat', M.: Effect of different factors on macro- and micromineral blood traits in sheep. *Veterinářství, Supplementum*, LX, 2010, 1: 141 – 142. ISBN 978-80-7305-108-2.

Šoch, M., Brouček, J., Vydrová, P., Raabová, M., Šťastná, J., Uhrinčat', M.: Hematological traits and blood microelements of sheep kept in different conditions. *Veterinářství, Supplementum*, LX, 2010, 1: 142 – 144. ISBN 978-80-7305-108-2.

Šoch, M., Kroupová, P., Brouček, J., Frelich, J., Tejml, P., Pálka, V., Raabová, M., Šťastná, J.: Preventive effect of a homeopathic remedy on the calf diarrhea. *Veterinářství, Supplementum*, LX, 2010, 1/I: 39 - 42. ISBN 978-80-7305-108-2

Šoch, M., Brouček, J., Šrejberová, P.: Effect of selected factors on mineral parameters in plasma of cows. *Archiv Tierzucht*, 53 (2010), 5, pp. 510 – 519, ISSN 0003-9438.

Šoch, M., Brouček, J., Vydrová, P., Trávníček, J., Raabová, M., Uhrinčat', M.: Effect of environmental and management factors on hematological and trace blood element of cows. *Slovak J. Anim. Sci.*, 43, 2010, (4): 195-204.. ISSN 1337-9984.

Šoch, M., Brouček, J., Šrejberová, P.: Hematology and blood microelements of sheep in south Bohemia. *Biológia*, 66/1: 181-186, 2011, Section Zoology, DOI: 10.2478/s11756-010-0150-3.

Publications

(in last 5 year)

Methodologies:

Novák, P., Šoch, M., Sovják, R., Přikryl, I., Volf, O.: Manipulation with animals at disasters endangering lives and health of people and animals or citizen property. Metodika pro praxi. Tauferova SOVŠ Kroměříž, 2007, 78 str. textu, 25 str. příloh.

Brouček, J., Šoch, M.: Technology of calf farming after weaning. Metodika pro zemědělskou praxi. JU v Českých Budějovicích, Zemědělská fakulta, 2008, 49 str. ISBN 978-80-7394-096-6.

Brouček, J., Botto, L., Šoch, M.: Protection of cattle, pigs and poultry against high temperatures. Metodika pro zemědělskou praxi. JU v Českých Budějovicích, Zemědělská fakulta, 2008, 50 str. ISBN 978-80-7394-095-9.

Brouček, J., Uhrinčat, M., Šoch, M.: Determination of suitable methods for optimization of the stabling of cows at the period of calving and calves at the period until weaning from the point of view of welfare. Metodika pro zemědělskou praxi. JU v Českých Budějovicích, Zemědělská fakulta, 2008, 60 str. ISBN 978-80-7394-089-8.

Vráblíková, J., Blažková, M., Farský, M., Jeřábek, M., Seják, J., Šoch, M., Beránek, K., Jirásek, P., Neruda, M., Vráblík, P., Zahálka, J.: Revitalization of anthropogenically affected areas in Podkrušnohoří. II. part – Theoretical solutions for the possibility of revitalization of the model area. Monografie. FŽP UJEP v Ústí nad Labem, Ústí nad Labem, 2008, 153 str., ISBN 978-80-7414-019-8.

Šoch, M., Vegricht, J., Šimon, J., Fabianová, M., Šťastná, J., Pálka, V., Zajíček, P., Benda, M.: Assessment of systems of stabling for calves at the period until weaning from the point of view of welfare and quality of the environment and their impact on life manifestation and behaviour of calves. Certifikovaná metodika. ZF JU v Č. Budějovicích, 2011, 88 s. ISBN 978-80-7394-336-3.

Machálek, A., Šimon, J., Fabianová, M., Vejchar, D., Vegricht, J., Šoch, M., Voříšková, J., Maršálek, M., Havlík, V.: Research and evaluation of human-animal-robot interaction in the dairy cow farming with the concentration on the improvement of efficiency of the system and welfare of dairy cows. Výzkumný ústav zemědělské techniky, v.v.i., Praha, 2011, 49 s. ISBN 978-80-86884-63-9.

Brouček, J., Šoch, M., Brestenský, V., Tančin, V.: Optimization of the beef and sheep farming in marginal areas of sustainable agriculture. Certifikovaná metodika. ZF JU v Č. Budějovicích, 2011, 96 s. ISBN 978-80-7394-338-7.

Brouček, J., Benková, J., Šoch, M., Podsedníček, M.: Technology and techniques of poultry breeding under the welfare conditions. Certifikovaná metodika. ZF JU v Českých Budějovicích, 2011, 104 s. ISBN 978-80-7394-337-0.

Čermák, B., Hnisová, J., Petrášková, E., Šoch, M., Frelich, J., Kostka, M., Vostoupal, B.: Influence of selected stimulating substance on the quality of cow milk. Certifikovaná metodika. ZF JU v Českých Budějovicích, 2012, 20 s. ISBN 978-80-7394-340-0.

Čermák, B., Šoch, M., Kubát, V., Hnisová, J., Petrášková, E., Zábranský, L., Vostoupal, B.: Possibilities of utilization of the supplement biopolym in the prevention and health improvement of calves and fattened cattle. Certifikovaná metodika. ZF JU v Českých Budějovicích, 2012, 29 s. ISBN 978-80-7394-342-4.

Monographs:

Šoch, M.: Effect of environment on selected indices of cattle welfare. Scientific monograph. České Budějovice, Jihočeská univerzita v Českých Budějovicích, Zemědělská fakulta, 2005, 288 s., ISBN 80-7040-742-5.

Novák, P., Šoch, M. a kol.: Animal hygiene of pigs in practice. Scientific monograph. Praha, VÚŽV, 2006, 90 s. ISBN 80-86454-72-X.

Vráblíková, J., Blažková, M., Farský, M., Jeřábek, M., Seják, J., Šoch, M., Beránek, K., Jirásek, P., Neruda, M., Vráblík, P., Zahálka, J.: Revitalization of anthropogenically affected areas in Podkrušnohoří. II. part – Theoretical solutions for the possibility of revitalization of the model area. Scientific monograph. FŽP UJEP, Ústí nad Labem, 2008, 153 str., ISBN 978-80-7414-019-8.

Multimedia teaching texts:

Novák, P., Šoch, M. et al.: Multimedia teaching texts „Rehabilitation in animal husbandry“. Brno, VFU Brno, 2005, 1 CD.

Šoch, M., Písek, L., Novák, P., Čermák, B., Kunc, P.: Multimedia teaching texts „Handling of animals“. ZF JU v Č. Budějovicích, České Budějovice, 2007, 1 CD.

Activities in Romania

2009 - teaching in the extent of 8 hours of lectures and seminars at the Faculty of Animal Science and Biotechnologies, Banat University of Agricultural Sciences and Veterinary Medicine Timisoara – Romania.

2010 (26. – 30. 5. 2010) teaching in the extent of 8 hours of lectures and seminars at the Faculty of Animal Science and Biotechnologies, Banat University Of Agricultural Sciences and Veterinary Medicine Timisoara – Romania (Hygienic conditions in cows breed keeping on separated cattle slurry; Dicotyledonous herbs mixed with meadow hay in goats).

2012 (15. – 31.5. 2012) teaching in the framework of programme CEEPUS in the extent of 8 hours of lectures and seminars at the „Polytechnica“ University of Timisoara, Mechanical technology department, Mechanical Engineering Faculty– Romania (Dairy and Beef Nutrition, Pig Nutrition, Management of feed technology).

Nomination for the academic year 2009 – 10 - Invited Associate Professor for animal reproduction at the Faculty of Animal Science and Biotechnologies, Banat University Of Agricultural Sciences and Veterinary Medicine Timisoara – Romania.

Nomination for the academic year 2011 – 12 - Invited Associate Professor for animal reproduction at the Faculty of Animal Science and Biotechnologies, Banat University Of Agricultural Sciences and Veterinary Medicine Timisoara – Romania.

Additional information

Membership in scientific companies

Czech Bioclimatological Company of Academy of Science
Slovak Bioclimatological Company of Slovak Academy of Science
Czech Medical Homeopathic Company – veterinary section
Southbohemian Scientific and Technical Company – zooveterinary section
Association of Managers of Cleaner Production – member of educational group
Committee for the Prevention against Cruelty of Animals, University of South Bohemia - chairman
Statewide Expert Group "Biosphere Protection" at the Agricultural Company of Czech Scientific and Technical Company
Committee of Ministry of Agriculture CR for Czech Red Cattle Breeding
Animal Protection Foundation - section "Animal Welfare"
Chamber of Agriculture CR – committee for environment
Czech Academy of Agricultural Sciences
Group of Minister of Agriculture CR for Strategic Questions in Agriculture
Working Scientific Group of Institute of Animal Science in Prague for formulating of basic orientation of excellent agricultural applied research

Membership in scientific boards

University of South Bohemia České Budějovice
Slovak Agriculture University, Nitra
Faculty of Agriculture, University of South Bohemia České Budějovice
Faculty of Economy, University of South Bohemia České Budějovice
Faculty of Veterinary Hygiene and Ecology, University of veterinary and Pharmaceutical Sciences Brno
Faculty of Environment, UJEP Ústí nad Labem
Faculty of Agriculture, Mendel University Brno
Faculty of Agrobiology, Food and Natural Sources, Czech University of Life Sciences Prague

Membership in professional boards

Professional board of animal hygiene and prevention of farm animal diseases, Faculty of Agriculture, University of South Bohemia České Budějovice
Professional board of general zootechnics, Faculty of Agriculture, University of South Bohemia České Budějovice
Professional board of Agriculture of tropics and Subtropics, Institute of Tropics and Subtropics, Czech University of Life Sciences ČZU Praha

Membership in editorial boards of scientific journals

Acta tropica et subtropica
Studia oecologica
Animal Science and Biotechnologies – Scientific papers of Faculty of Animal Science and Biotechnologies, Banat University of Agricultural Sciences and Veterinary Medicine Timisoara – Romania