

CURRICULUM VITAE



1. GENERAL INFORMATION

Full name: HAN QUANG HANH

Gender: Male

Date of birth: 13 April 1982

Place of birth: Lam Thao district Phu Tho province

Nationality: Vietnam

Permanent address: An Lac Hamlet, Trau Quy town, Gialam district, Hanoi, Vietnam

Ethnic group: Kinh

Religion: non

Employer: Vietnam National University of Agriculture (VNUA)

Position: Lecturer, Vice-head of Department of Animal Production, Vice-Director of Centre for Interdisciplinary Research on Rural Development, VNUA

Academic title: PhD

Foreign Languages: English (Good), French (Basic)

Posting address: Faculty of Animal Science, Vietnam National University of Agriculture, Trau Quy, Gia Lam, Hanoi, Vietnam

Mobile +84 982041382

Email: hanquanghanh1304@gmail.com

2. EDUCATION

2.1. Bachelor degree:

- Place of study: Vietnam National University of Agriculture
- Major: Animal Science and Veterinary Medicine
- Year of BSc degree awarded: 2004

2.2. Master degree:

- Place of study: Vietnam National University of Agriculture
- Major: Animal Sciences
- Year of MSc degree awarded: 2008
- Title of thesis: "Characteristics and operations of livestock farming systems in Cam Giang district – Hai Duong province"

2.3. PhD degree:

- Place of study: Gembloux Agro Bio-Tech, University of Liege, Belgium
- Major: Agricultural Sciences and Biological Engineering
- Year of PhD degree awarded: 2013
- Title of thesis: "Dynamics of Agrarian Systems in Hai Duong province, North Vietnam"

3. WORK EXPERIENCE

<p>Employer: Vietnam National University of Agriculture</p> <p>Position: Lecturer</p> <p>Duration of the position: From 2006 up to present</p> <p>Job description: + Teaching course on Agrarian Systems, Animal Waste Management; Animal Farm Management, Technology Transfer in Animal Production.</p> <p>+ Doing research projects on Animal Production and Farming systems.</p>
<p>Employer: Vietnam National University of Agriculture</p> <p>Position: - Vice-director of Centre for Animal Research and Training - Secretary of the Youth Union, Faculty of Animal Science</p> <p>Duration of the position: From 2013 -2016</p> <p>Job description: - Managing the research and training activities of the centre - Organize the academic and social activities for students of the faculty</p>
<p>Employer: Vietnam National University of Agriculture</p> <p>Position: - Vice-head of Department of Animal Production, Faculty of Animal Science, Vietnam National University of Agriculture - Vice-director of Centre for Interdisciplinary Research on Rural Development, Faculty of Animal Science, Vietnam National University of Agriculture - Secretary committee of the Youth Union, Vietnam National University of Agriculture</p> <p>Duration of the position: From 2016 -2019</p> <p>Job description: - Managing the research and education activities of the department and the Center - Organize the academic and social activities for students of the university</p>

4. TRAINING COURSES

Course name	Place	Duration	Certificate
Training course on “Poultry nutrition and feeding”	Central Poultry Development Organization & Training Institute, India	5/2/2017-17/3/2018	Certificate
Summer course program about” Livestock – A driving force for Food Security and Sustainable Development	Faculty of Animal Science, University of Gadjah Mada, Indonesia	17-28/9/2017	Certificate
Training course on « Animal Production and Health »	Egyptian International Centre for Agriculture, Egypt	1/10-15/12/2016	Certificate

ASEAN Leadership Program on « Farming systems : Role of livestock in Sustainable Development»	Faculty of Animal Science, University of Gadjah Mada, Indonesia	29/8 – 9/9/2016	Certificate
“On-farm welfare assessment training (Laying hens and broiler chickens, Sows, Dairy cattle” by Odisee and the Institute for Agricultural and Fisheries Research (ILVO)	Ghent, Belgium	23/2-7/3/2015	Certificate
The University of Edinburgh Three Day Animal Welfare Workshop on “Strengthening Global Veterinary Education Programme”	Hanoi University of Agriculture	3 days (2014)	Certificate
Six courses on Rural economics and Sociology (Methodology of Rural Economic Research, Statistical Methods, Farming System, Land Issues, International Economics, Rural Sociology)	Hanoi University of Agriculture	12 weeks (2009)	Certificate
The method of experimental design in animal research (introduced by Prof. Frederic Farnir, University of Liege, Belgium)	Hanoi University of Agriculture	One week, 2007	Certificate
Technology of meat science" (introduced by Prof. Antoine Clinquart, University of Liege, Belgium)	Hanoi University of Agriculture	One week, 2007	Certificate

5. RESEARCH EXPERIENCE

Projects/programmes	Donor/supervisor	From ... to	Position
Assessment and improvement of welfare quality, productivity, and economic efficiency of broiler and laying chickens in different production systems in the Red river delta, Northern Vietnam	AI research programme, CUD, Belgium	2018-2019	Promoter
Efficiency of a comprehensive waste treatment system using physically settling tanks and biologicaly vetiver grass floats at a pig farm in the Red river delta, Vietnam	Mekarn	2017-2018	Promoter
Characteristics of animal production and development of a goat model farm with high performance and suitable to the island conditions at Bach Long Vy island, Hai Phong	VNUA	2015-2016	Promoter

Evaluation of environmental pollution from pig production and developing the pig model farm to mitigate the environmental impact in Hung Yen province	Hung Yen province	2014-2015	Researcher
Animal welfare quality, productivity, environmental impact and socio-economic consequences of different pig production systems in the Red river delta, Vietnam	AI research programme, CUD, Belgium	2014-2016	Promoter
Welfare quality, productivity and meat quality of broiler chickens kept in different production systems in North Vietnam: An assessment at households' farms and experimental farm	International Foundation for Science, Sweden	2014-2015	Promoter
Development of breeding pig farms with stress-resistant Pietrain strains and crossbred PiDu for lean pig production in Northern Vietnam	National Extension Program	2014-2016	Researcher
“Technical and socio-economic factors affecting adoption of biogas systems by livestock farm households in the North of Vietnam	SUSANE	2012	Promoter
Adaptation of farming systems to socio-economic changes in market-oriented economy	RDViet	2011	Promoter
Characterization of VAC production systems in Cam Hoang commune, Cam Giang district, Hai Duong province.	HUA	2011	Promoter
Identify the appropriate amount of redworms (<i>Perionyx excavatus</i>) supplemented in the diet of broiler chickens	HUA	2009	Promoter
Developing the pig farms with high productivity, improved product quality and economic outcomes	MOET	2008 - 2009	Member
A Risk Analysis Approach for HPAI in poultry production systems	CIRAD	2007	Member

6. PUBLICATIONS

- Books

1. Han Quang Hanh, Vu Dinh Ton, and Philippe Lebailly (2015). “Dynamics of agrarian systems and the emerging agricultural land issues during the economic transition period in North Vietnam: Evidence from the case of Hai Duong province”. Chapter in book “Développement rural et petite paysannerie en Asie du Sud-Est : Leçons d'expériences au Vietnam et au Cambodge” (Rural Development and Small famrers in South East Asia: Lessons of experiences in Vietnam and Cambodia), L’Harmattan, ISBN: 978-2-343-06407-9, 2015

2. Han Quang Hanh, Vu Dinh Ton, and Philippe Lebailly (2019) .“Livestock production systems in Northern Vietnam: Problems and Prospects”. Chapter in the book “Livestock: Production, Management strategies and Challenges”, Edited by Victor R. Squires and Wayne L. Bryden, NOVA Science Publishers, New York, USA (July 2019). ISBN: 978-1-53615-540-2

- *Journal articles and proceeding papers*

1. **Rania Baka, David Eckersall, Anita Horvatic, Andrea Gelemanovic, Vladimir Mrljak, Mark McLaughlin, Labrini V Athanasiou, Nikolaos Papaioannou, Ioanna Stylianaki, Han Quang Hanh, Christopher C Chadwick, Zoe Polizopoulou (2021).** Quantitative proteomics of cerebrospinal fluid using tandem mass tags in dogs with recurrent epileptic seizures. *Journal of Proteomics* Vol 231, 2021
2. **Han Quang Hanh, Dang Thuy Nhung, Nguyen Thi Xuan and Vu Dinh Ton (2021).** Biological Characteristics, Nutritive Value, Harvesting and Processing Methods of some Earthworm Species Used as Animal Feed. *Vietnam Journal of Agricultural Sciences*, Vol 19, number 5, 2021.
3. **Dang Thuy Nhung, Nguyen Thi Xuan, Han Quang Hanh, and Vu Dinh Ton (2021).** Use of Insects as Animal Feed: Trends and Prospects. *Vietnam Journal of Agricultural Sciences*, Vol 19, number 5, 2021.
4. **Han Quang Hanh, Nguyen Thi Xuan and Vu Dinh Ton (2020).** Biology, Growth and Reproductive Performance of African Nightcrawler (*Eudrilus eugeniae*) Raised in a Tray Vermiculture System and Supplemented with the Concentrated Feed. *Vietnam Journal of Agricultural Sciences*, Vol 18, number 5, 2020.
5. **Nguyen Cong Oanh, Han Quang Hanh, Nguyen Dinh Tien, Nguyen Thi Phuong and Vu Dinh Ton (2020).** Effects of Microbial Fermented Litter and Perches on Welfare and Growth Performances of Colored Broilers. *Vietnam Journal of Agricultural Sciences*, Vol 18, number 10, 2020.
6. **Hoang Ngoc Mai, Han Quang Hanh, Nguyen Dinh Tien, Nguyen Thi Phuong, Vu Dinh Ton and Peyre Marisa (2020).** Network analysis of the sick-pig commodity chain in Northern Vietnam: Risk of disease dissemination. *Revue d'élevage et de médecine vétérinaire des pays tropicaux*. Vol 7, No 2, 2020.
7. **Nguyen Thi Phuong, Nguyen Dinh Tien, Han Quang Hanh and Vu Dinh Ton (2020).** The situation of chicken production and welfare quantity of the chickens in Hai Duong province. *Journal of Animal Husbandry Sciences and Technics*. No. 255, March, 2020.
8. **Han Quang Hanh, Nguyen Thi Xuan and Vu Dinh Ton (2019).** Integration of animal welfare into assessment of broiler chicken production systems toward sustainable development in Vietnam. *Livestock Research for Rural Development* 31 (5) 2019
9. **Ha Xuan Bo, Han Quang Hanh, and Do Duc Luc (2018).** Effects of water hyacinth as replacement for compound feed in the diet on feed utilization and growth performance of new zealand rabbits. *Journal of Animal Husbandry Sciences and Technics*. No. 235, Aug, 2018.
10. **Dang Thuy Nhung, Han Quang Hanh, and Nguyen Hoang Nguyen (2018).** Phenotypic characteristics and productivity of multiple spur chickens. *Journal of Animal Husbandry Sciences and Technics*. No. 235, Aug, 2018.
11. **Vu Dinh Ton, Han Quang Hanh (2017).** Overview of Livestock Production in Vietnam : Opportunities and Challenges in Perspective of Sustainable Development. *Proceedings of International conference on Animal production in Southeast Asia:*

Current status and Future July 21-22, 2017 agricultural university press – 2017

12. **Han Quang Hanh, Vu Tra My, Vu Dinh Ton, Nguyen Van Thang, Nguyen Thi Bich Van, Nguyen Dinh Tuong (2017)** Removal efficiency of pollutants from biodigester effluent by an integrated physical and biological treatment plant. Proceedings of International conference on Animal production in Southeast Asia: Current status and Future July 21-22, 2017 agricultural university press – 2017
13. **Nguyen Thi Phuong Giang, Han Quang Hanh, Pham Kim Dang, Vu Tien Viet Dung, Chetana Mirle and Vu Dinh Ton (2017)**. Effects of Housing Systems on Welfare of Gilts and Gestation Sows. Vietnam Journal of Agricultural Science, vol.15, No 6, 776-785.
14. **Nguyen Thi Phuong Giang, Han Quang Hanh, Vu Tien Viet Dung, Vu Dinh Ton (2017)**. Impact of housing systems on reproduction performance of sows. Journal of Animal Husbandry Sciences and Technics. Issue 224, September, 2017
15. **Hanh Han Quang, Xuan Nguyen Thi, Ton Vu Dinh (2017)**. Effects of enriched environments with perches and dust baths on behavioural patterns of slow-growing broiler chickens. Proceedings of the 51st Congress of the International Society for Applied Ethology, Aarhus, Denmark. Wageningen Academic Publishers
16. **Nguyen Thi Phuong Giang, Han Quang Hanh, Vu Tien Viet Dung, Pham Kim Dang, Vu Dinh Ton, Marc Vandenhed và Chetana Mirle (2017)**. Effects of individual stall and group housing systems on the saliva cortisol concentration of the gilts. Journal of Animal Science and Technology. Issue 72, 2/2017.
17. **Nguyen Thi Phuong Giang, Han Quang Hanh, Vu Tien Viet Dung, Pham Kim Dang, Chetana Mirle and Vu Dinh Ton (2017)**. Effects of individual stall and group housing systems on behaviors of the gilts. Journal of Animal Husbandry Sciences and Technics. Issue 220, June, 2017: 76-83
18. **Nguyen Thi Phuong Giang, Han Quang Hanh, Vu Tien Viet Dung, Pham Kim Dang, Chetana Mirle and Vu Dinh Ton (2017)**. Assessing welfare on gilts kept in pens with and without outdoor yards. Journal of Animal Science and Technology, Issue 222, 8/2017, 89-94
19. **Nguyen Thi Phuong Giang, Han Quang Hanh, Vu Tien Viet Dung, Pham Kim Dang, Vu Dinh Ton (2016)**. Effects of Housing Systems on Cortisol Concentration of The Gilts Raised in Group Vietnam Journal of Agricultural Science, 2016, Vol. 14, No. 12: 1903-1911
20. **Han Quang Hanh, Hossein Azadi, Thomas Dogot, Vu Dinh Ton, Philippe Lebailly (2016)**. Dynamics of Agrarian Systems and Land Use Change in North Vietnam. Journal of Land Degradation & Development, June 2016. DOI 10.1002/ldr.2609
21. **Han Quang Hanh, Nguyen Thi Phuong Giang, Vu Tien Viet Dung, Vu Dinh Ton (2016)**. Welfare quality of gestation sows in different production systems in the Red River delta of Vietnam. Proceedings of International Conference on Agricultural Development: Oppurtunities and Challenges, 7-8 December, 2016, Hanoi, Vietnam.
22. **Han Quang Hanh (2016)**. Influence of different production systems on some welfare quality indicators of broiler chickens. Proceedings of Vietnam National Conference of the Youth on Agriculture – Forestry – Fishery and Water resources, 2016.
23. **Han Quang Hanh, Vu Dinh Ton (2016)**. Review on welfare of sows: Advancements of developed countries and prospects for Vietnam. Journal of Animal Husbandry Sciences and Technics. Issue 207, June, 2016
24. **Nguyen Ngoc Tuan, Han Quang Hanh (2015)**. Earthworm as an alternative protein resource for aquaculture and animal production. Proceedings of 7th International Science, Social Sciences, Engineering and Energy Conference, Thailand.
25. **Han Quang Hanh, Vu Dinh Ton (2015)**. Productivity, economic efficiency and welfare

quality of broiler chickens kept in different production systems in Cam Giang district, Hai Duong province. Proceeding of National Conference on Sustainable Livestock Development. Agricultural University press, 2015.

26. **Vu Dinh Ton , Han Quang Hanh, Do Thi Hue, Nguyen Thi Phuong, Nguyen Xuan Trach (2015)**. Factors affect the biogas development in hai duong and bac giang province, the north of Vietnam. Journal of Animal Husbandry Sciences and Technics. No 8 (197)-2015.
27. **Hanh, H. Q., D. T. Vu and L. Philippe (2013)**. "Dynamics and constraints of livestock production systems in Cam Giang district, Hai Duong Province, North Vietnam." Livestock Research for Rural Development 25(9).
28. **Ton, V. D. and Q. H. Han (2008)**. "Characteristics and operation of animal production systems in Cam Giang district, Hai Duong province." Journal of Science and Development, Hanoi University of Agriculture 2(6): 146-152.
29. **Ton, V. D. and Q. H. Han (2010)**. "Determining appropriate amount of redworm meal supplemented in the diet of broiler (Ho x Luong Phuong) in the open air production system " Journal of Science and Development, Hanoi University of Agriculture 6(8): 949-958.
30. **Ton, V. D., Q. H. Han, D. L. Nguyen and V. D. Nguyen (2009)**. "Use of redworms (*Perionyx excavatus*) to manage agricultural wastes and supply valuable feed for poultry." Livestock Research for Rural Development 21(11).
31. **Vu, D. T., Q. H. Han, D. L. Nguyen and V. B. Dang (2009)**. "Supplementation of Red Worm (*Perionyx excavatus*) in the Diet of 4 - 10 Weeks Old Broilers " Journal of Science and Development, Hanoi University of Agriculture 2(7): 186-191.

7. Workshop/seminar/conference/symposium

Type	Host/ country	From to...	Presented paper	Position
the 51 st Congress of the International Society for Applied Ethology, Aarhus, Denmark	Denmark	7-10/8/2017	Effects of enriched environments with perches and dust baths on behavioural patterns of slow-growing broiler chickens	Poster presentation
National Conference on Sustainable Livestock Development	Vietnam	18-19 December 2015	Productivity, economic efficiency and welfare quality of broiler chickens kept in different production systems in Cam Giang district, Hai Duong province	Oral presentation
7 th International Science, Social Sciences, Engineering and Energy Conference	Thailand	24-26 <i>November,</i> 2015	Earthworm as an alternative protein resource for aquaculture and animal production	Co-Author
National Conference on Animal and Veterinary Science	Vietnam	28-29 April 2015	Factors affect the biogas development in hai duong and bac giang province, the north of vietnam	Co-Author

15 th AAAP international Congress	Thailand	26-30 November 2012	Dynamics of Livestock Production Systems during the Economic Transformation Period in Northern Vietnam: Case Study in Cam Giang District, Hai Duong Province	Oral presentation
National workshop on Animal Waste: Current Situation and Solutions	Vietnam	2010	Developing vermicompost by redworms (<i>Perionyx excavatus</i>) to produce high-protein feed for poultry and mitigate environmental pollution	Oral presentation
International Workshop on Livestock, Climate Change and the Environment	Vietnam	16-18 November 2009	Use of redworms (<i>Perionyx excavatus</i>) to manage agricultural wastes and supply valuable feed for poultry	Oral presentation
PRISE scientific workshop	Vietnam	4 December 2008	High pathogenic avian influenza in poultry production systems in Vietnam: Tentative approach for an HACCP-like risk scoring methodology	Oral presentation
13 th AAAP international Congress	Vietnam	22-26 September 2008	Characteristics and efficiency of some livestock production systems in the Red River Delta: Case study in Cam Giang district, Hai Duong province	Oral presentation

Hanoi, 26 August, 2021

Han Quang Hanh