



TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO

ID CODE 4063

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at **Dipartimento di Scienze Agrarie e Ambientali - Produzione, Territorio, Agroenergia**, Scientist- in - charge **Dott. Stefano Corsi**

**HANH HAN QUANG**

**CURRICULUM VITAE**

## PERSONAL INFORMATION

Surname	HAN
Name	QUANG HANH
Date of birth	13/04/1982

## PRESENT OCCUPATION

Appointment	Structure
University Lecturer	Vietnam National University of Agriculture, Hanoi, Vietnam

## EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
University Degree	Bachelor degree of Animal Science and Veterinary Medicine	Hanoi Agricultural University No.1 (Now is Vietnam National University of Agriculture, Vietnam)	2004
Specialization	-	-	-
PhD	Doctor of Agricultural Science and Biological Engineering	Gembloux Agro-Bio Tech, University of Liege (Belgium)	2013
Master	Master of Agriculture	Hanoi University of Agriculture (Now is Vietnam National University of Agriculture, Vietnam)	2008



Degree of medical specialization	-	-	-
Degree of European specialization	-	-	-
Other	-	-	-

## REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date of registration	Association	City

## FOREIGN LANGUAGES

Languages	level of knowledge
English	Good
French	Basic

## AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award

## TRAINING OR RESEARCH ACTIVITY

### I. Training

1. Short training course on "Poultry nutrition and feeding", organized by Central Poultry Development Organization & Training Institute, India, from 5/2/2017 to 17/3/2018
2. Short training course on « Animal Production and Health », organized by Egyptian International Centre for Agriculture, Egypt, from 1/10/2016 to 15/12/2016
3. Short training course on "On-farm welfare assessment training (Laying hens and broiler chickens, Sows, Dairy cattle)" by Odisee and the Institute for Agricultural and Fisheries Research (ILVO), Belgium, from 23/2/2015 to 7/3/2015
4. Short training course on "Bases de donne et analyse statistique" (Databases and statistical analysis) taught by Prof. Frederic Farnir, The university of Liege, from 26/3/2012 to 30/3/2012 at Hanoi University of Agriculture, Vietnam
5. Short training course on "Vugarisation scientifique en milieu rural: Principes et edtudes de cas" (Scientific transfer to rural: Principles and Case Studies) taught by Prof. Vu Dinh Ton and Prof. Do Kim Chung, Hanoi University of Agriculture, from 19/3/2012 to 23/3/2012 at Hanoi University of Agriculture, Vietnam



6. Short training course on “Communication Scientifique orale et ecrite” (Oral and written scientific communication) taught by Prof. Francois Verheggen, The university of Liege, from 13/3/2012 to 16/3/2012 at Hanoi University of Agriculture, Vietnam
7. Short training course on “Analyse systemes et modelisation” (Systems Analysis and Modeling) taught by Prof. Hanert Emmanuel Andre Marie, The University of Louvain and Prof. Vu Dinh Ton, Hanoi University of Agriculture from 27/2/2012 to 9/3/2012 at Hanoi University of Agriculture, Vietnam
8. Six courses on Rural economics and Sociology (Methodology of Rural Economic Research, Statistical Methods, Farming System, Land Issues, International Economics, Rural Sociology) in the **International Master program in Rural Economics and Sociology, organized at Hanoi University of Agriculture from 2009-2010**

## II. Summer courses

1. Summer course on program about” Livestock - A driving force for Food Security and Sustainable Development organized by Faculty of Animal Science, University of Gadjah Mada, Indonesia, from 17/9/2017 to 28/9/2017 (as invited speaker)
2. ASEAN Leadership Program on « Farming systems : Role of livestock in Sustainable Development”, organized by Faculty of Animal Science, University of Gadjah Mada, Indonesia, from 29/8/2016 to 9/9/2016 (as participant)

## PROJECT ACTIVITY

Year	Project
2017	Promoter of research project on “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” (funded by AI research programme, CUD, Belgium)
2017	Promoter of research project on” 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” (Funded by MEKARN II PROJECT, Swedish International Development Agency)
2016	Promoter of research project on ”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 province” (Funded by Vietnam National University of Agriculture, Hanoi, Vietnam)
2015	Promoter of research project on “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 (Funded by International Foundation for Science, Sweden)
2014	Participated in research project on “Development of breeding pig farms with stress-resistant Pietrain strains and crossbred PiDu for lean pig production in Northern Vietnam (Funded by Vietnam National Extension Program)
2012	Promoter of research project on “Technical and socio-economic factors affecting adoption of biogas systems by livestock farm households in the North of Vietnam” (Funded by SUSANE, Sweden)



2011	Promoter of research project on “Adaptation of farming systems to socio- Economic changes in market-oriented economy” (Funded by RDViet)
2011	Promoter of research project on “Characterization of VAC production systems in Cam Hoang commune, Cam Giang district, Hai Duong province” (funded by Hanoi University of Agriculture)
2009	Promoter of research project on “Identify the appropriate amount of redworms ( <i>Perionyx excavatus</i> ) supplemented in the diet of broiler chickens” (Funded by Hanoi University of Agriculture)
2008	Participated in research project on “ Developing the pig farms with a high productivity, improved product quality and economic outcomes” (Funded by Ministry of Education and Training, Vietnam)
2007	Participated in research project on “A Risk Analysis Approach for HPAI in poultry production systems”, (funded by CIRAD)

## PATENTS

Patent

## CONGRESSES AND SEMINARS

Date	Title	Place
7-10/8/2017	the 51 <sup>st</sup> Congress of the International Society for Applied Ethology (Title: “Effects of enriched environments with perches and dust baths on behavioural patterns of slow-growing broiler chickens” )	Aarhus, Denmark
18-19/12/2015	Vietnam National Conference on Sustainable Livestock Development (Title “Productivity, economic efficiency and welfare quality of broiler chickens kept in different production systems in Cam Giang district, Hai Duong province”)	Hanoi, Vietnam
24-26/11/2015	7 <sup>th</sup> International Science, Social Sciences, Engineering and Energy Conference (Title “Earthworm as an alternative protein resource for aquaculture and animal production” )	Thailand
26-30/11/2012	15 <sup>th</sup> AAAP international Congress (Title “Dynamics of Livestock Production Systems during the Economic Transformation Period in Northern Vietnam: Case Study in Cam Giang District, Hai Duong Province”)	Thailand
16-18/2009	International Workshop on Livestock, Climate Change and the Environment (Title “Use of redworms ( <i>Perionyx excavatus</i> ) to manage agricultural wastes and supply valuable feed for poultry” )	Vietnam
22-26/9/2008	13 <sup>th</sup> AAAP international Congress (Title “Characteristics and efficiency of some livestock production systems in the Red River Delta: Case study in Cam Giang district, Hai Duong province”)	Vietnam

## PUBLICATIONS

Books
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1. "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. "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 (Submitted 7/2018, not yet published)

## Articles in reviews

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**

**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., Vietnam (In English)

**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, Vietnam (In English)

**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., Vietnam (in Vietnamese)

**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, Vietnam (in Vietnamese)

**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., Vietnam (in Vietnamese)

**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, Vietnam (in Vietnamese)

**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, Vietnam (in Vietnamese)

**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 Gilfs Raised in Group Vietnam *Journal of Agricultural Science*, 2016, Vol. 14, No. 12: 1903-1911 , Vietnam (in Vietnamese)

**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, Vietnam (in Vietnamese)

**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. (in English)

**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).

**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. Vietnam (In Vietnamese)

**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).

**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. Vietnam (In Vietnamese)

**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. Vietnam (In Vietnamese)

Congress proceedings

**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, Hanoi, Vietnam (In English)

**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, Hanoi, Vietnam (In English)

**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 51<sup>st</sup> Congress of the International Society for Applied Ethology, Aarhus, Denmark. Wageningen Academic Publishers

**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: Opportunities and Challenges, 7-8 December, 2016, Hanoi, Vietnam.(In English)

**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. (In Vietnamese)

**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. (In English)

**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. (In Vietnamese)

## OTHER INFORMATION

Work as auditor and inspector for GlobalGAP certification bodies (livestock base), consultant for vermicompost farms

Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

Place and date: \_\_\_Hanoi, Vietnam\_\_\_\_\_, \_\_12/10/2018\_\_\_\_\_

SIGNATURE