



ประวัติบุคคล

Chakrapong Chaikong

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Education :

<i>Year</i>	<i>Degree</i>
1997	Bachelor of Science (B.S.: Animal Science), Faculty of Agriculture, Maejo University, Chiangmai Province, Thailand
2001	Master of Science (M.Sc.: Agriculture), Faculty of Agricultural Sciences, Kasetsart University, Bangkok, Thailand
2010	Doctor of Philosophy (Ph.D.: Animal husbandry), Faculty of Agricultural Sciences, Georg-August-University.Goettingen, Germany

Working Experiences:

2001 – 2006	Lecturer at Division of Animal Production Technology, Department of Agricultural Production Technology, Faculty of Technology, Mahasarakham University, Thailand
2006 – 2012	Lecturer at Faculty of Veterinary Medicine and Animal Science, Mahasarakham University, Thailand
2011 – present	Lecturer at Division of Animal Science, Faculty of Technology, Mahasarakham University, Thailand

Training and Excursion Experiences:

2002	- Visit the Agricultural University of Yunnan, Kunming, Yunnan, Republic of China - Visit the China-Australian beef cattle co-operation research in Kunming, Yunnan, Republic of China - Visit the Animal Breeding Station of China Government in Kunming, Yunnan, Republic of China
2005	- Animal Breeding Short Course "Practical Animal Breeding and Genetic Evaluation in the Tropical Condition" August 3 – 4, 2005 Department of Animal Science, Faculty of Agriculture, Kasetsart University, Bangkok
2011	- แหนี่้นำการเป็นสัตวอินโค - Workshop: "Statistical of Rank Data and Its Application in Food Research and Industry" July 13-14, 2011 Department of Food Technology, Faculty of Technology, KhonKaenUniversity



Academic services:

- 2544 โครงการ ประชุมเชิงปฏิบัติการและถ่ายทอดเทคโนโลยีการจัดการเลี้ยงโคนมอย่างมีส่วนร่วม ร่วมแก่เกษตรกรผู้เลี้ยงโคนม ในจังหวัดมหาสารคาม (ผู้ประสานงานโครงการ)
- 2547 การอบรมเชิงปฏิบัติการเรื่องการเลี้ยงโคเนื้อสำหรับเกษตรกรรายย่อย (ผู้ร่วมโครงการ: วิทยากร)
โครงการถ่ายทอดเทคนิคการเลี้ยงไก่พื้นเมืองเพื่อเข้าสู่ระบบธุรกิจ (ผู้ร่วมโครงการ: วิทยากร)
- 2549 โครงการอบรมการเลี้ยงโคเนื้อ (ผู้ร่วมโครงการ: วิทยากร)
- 2554 โครงการฟื้นฟูการเลี้ยงสัตว์ภายหลังอุทกภัยบ้านโขงกุดเวียง
โครงการเพิ่มขีดความสามารถด้านธุรกิจโคนมและนํ้านมให้องค์กรเกษตรกรขนาดกลางและขนาดเล็ก ประจำปี 2554 (คณะกรรมการดำเนินงาน)
- 2555 โครงการร่วมเรียนรู้และพัฒนาการเลี้ยงสัตว์ในระบบอินทรีย์ชุมชนตำบลโคกพระ (ผู้ประสานโครงการ)
โครงการบริการวิชาการการเลี้ยงสัตว์ในระบบอินทรีย์ชุมชนตำบลโคกพระ (ผู้ประสานงาน)

Research Projects:

2001- Reproductive performance, dairy production and blood metabolic profiles relationship of pre and postpartum high yielding dairy cows under Muaklek district conditions.(Thesis of master of science)

2003 - Transferring and research of beef production: subprojects including

- 1) Effects of Raising Conditions and Breeds on Growth Performance in Beef Cattle.
- 2) Effects of Raising Conditions and Breeds on Rumen Microbial Population in Female Beef Cattle.
- 3) Pregnancy Diagnosis by Measuring of Serum Progesterone Level in Beef Cattle.
- 4) Effect of the Ovsynch Program on Conception Rate and Pregnancy Rate in Crossbred Brahman Heifers.
- 5) Estimate Body Weight with Heart, Body Length, and Hip Height in Pure-bred Brahman and Thai Native x Brahman Crossbred.
- 6) Supplementation of Local Feedstuffs on Productive Performance and Serum Minerals Profile in Brahman Crossbred Heifers under Huaimek District, Kalasin Province Condition.
- 7) Supplementation of Local Feedstuffs on Productive Performance and Metabolic Profile in Brahman Crossbred Heifers under Huaimek District, Kalasin Province Condition.

2004-2005 - Situation of raising native horses in Mahasarakham Province

2005-2006 - Agricultural Technology Research and Development Project: subprojects including

- 1) Effect of Mulberry Leaves Supplement on Cholesterol Level in Laying Hen.
- 2) Comparative Study of Methodology Probiotics on Growth Performance in Broilers.
- 3) Assessment of Production, Chemical Composition and Nutrient Digestibility of Kenaf as Ruminant Feed.
- 4) Study on Nutrient Digestibility in Native Horses.
- 5) Study on Hematological Values of Native Horses in Kosumpisai District, Mahasarakham Province.
- 6) Study on Metabolic Profiles of Native Horses in Kosumpisai District, Mahasarakham Province.
- 7) Physiological Changes during Pre-and Post Exercise of Native Horses
- 8) Blood Mineral Status of Native Horses in Kosumpisai District, Mahasarakham Province.



9) Study on Raising Swamp Buffaloes in Kantarawichai District and Kosumpisai District, Mahasarakham Province.

- 2011 - Enhancing fermentation of corn and *Leucaena leucocephala* silage by using local silage additives and its nutritive value and rumen degradability
- Effect of prebiotics on nutrient digestibility, immune response, antioxidant, manure ammonia in layer diet
 - Effect of roughage particle sizes on development and fermentation pattern of rumen in dairy male calves.
- 2012 - The improvement of beef cattle farming in Selaphume sub-district, Ror-et province, Thailand.
- Field research related to animal production in an organic system

Paper Written or Published:

- Chakrapong Chaikong, Kanchana Markvichitr, Sornthep Tumwasorn, Sirinporn Sindhuvanich, and Anuntachai Khountrum. 2001. Factors influencing of metabolic profiles upon reproductive efficiency and production performance in high yielding dairy cows under Muaklek district conditions. // Kasetsart University Annual Conference No. 39. 5-7 February, 2001.
- Chakrapong Chaikong. 2005. The Situation of Raising Native Horses in Kosum Phisai District, Maha Sarakham Province. // Mahasarakham University Annual Conference No. 1. 1-2 September, 2005.
- Anut Chuntiratikul, Chakrapong Chaikong, Sitthiphong Kongnak, Apinan Nontong, and Porntip Kenprom. 2006. Effect of Replacement of True Protein from Soybean Meal with Urea in Diets on Nutrient Digestibility, Rumen Fermentation, and Growth Performance in Beef Cattle. // Mahasarakham University Annual Conference No. 2. 6-8 September, 2006.
- Chakrapong Chaikong. 2007. The Status of Native Horses in Kosum Phisai District, Maha Sarakham Province. Journal of Science and Technology, Mahasarakham University. 26 (2): 159-166.
- Anut Chuntiratikul, Wilaiporn Boonsuree, Ratiporn Thoptong, Supansa Sumato, Chakrapong Chaikong, and Piyanete Chuntiratikul. 2007. Mineral Status in Feed Ingredients and Plasma of Native Horses in Kosum Phisai District, Maha Sarakham Province. Journal of Science and Technology, Mahasarakham University. 26 (3): 227-232.
- Chantiratikul, A., C. Chaikong, A. Nontong, S. Kongnak and P. Kenprom. 2007. Replacement of soybean meal with urea in beef diets. Journal of Science and Technology MSU. (Special issue): 69-74.
- Chinrasri, O., R. Pilajun, S. Thapinna, and C. Chaikong. 2008. Effect of early quantitative feed restriction on performance in broilers. Proceeding The 13th Animal Science Congress of the Asian-Australasian Association of Animal Production Societies. September, 22-26, 2008. Hanoi, Vietnam.
- Anut Chantiratikul, Chakrapong Chaikong, Drawan Chinrasri and Pirayos Kangkun. 2009. Evaluation of Yield and Nutritive Value of Kenaf (*Hibiscus cannabinus*) at Various Stages of Maturity. Pakistan Journal of Nutrition. 8 (1): 1055-1058.
- Chakrapong Chaikong, Jan Maxa, Eva Schlecht and Matthias Gauly. 2009. Comparisons of beef buffalo and beef cattle farming in northeastern Thailand. Proceeding Tropentag 2009 (International Research on Food



Security, Natural Resource Management and Rural Development: Biophysical and socio-economic frame conditions for the sustainable management of natural resources). October, 6-8, 2009. Hamburg, Germany.

Chakrapong Chaikong, Jan Maxa, Eva Schlecht and Matthias Gauly. 2009. Herd structure and breeding practices of beef buffalo and beef cattle farming in northeastern Thailand. Proceeding DGfZ and GfT. September, 16-17, 2009. Giessen, Germany.

Chakrapong Chaikong, Jan Maxa, Eva Schlecht and Matthias Gauly. 2010. Characteristics of beef buffalo and beef cattle farming and its benefits to farm households in northeastern Thailand. Proceeding Tropentag 2010 (International Research on Food Security, Natural Resource Management and Rural Development: World food system – A contribution from Europe). September, 14-16, 2010. Zurich, Switzerland.

Chakrapong Chaikong, Anut Chantiratikul, Paradee Tong-u-tum, Satit Moolwicha and Ekkalak Phaliwong. 2011. Improving Nutrient Digestibility in Thai Native Horses. Proceeding The 3rd International Conference on Sustainable Animal Agriculture for Developing Countries (SAADC 2011). July, 26-29, 2011. Nakhon Ratchasima, Thailand.

Suwannee Saenthaweesuck, Chakrapong Chaikong and Sasinicha Tochaiyaphum. 2012. Efficacy of the combination of yeast extracted and inulin in laying hen diet. KHON KAEN AGR. J. 40 supplement 2: 498-501.

Chakrapong Chaikong, Kedsirin Sukwiwatkul, Benjawun Ounsri, Vichulada Yoodsanga, Cheranun Wunapouk and Natawut Singbanhad. 2012. Studying resum enzymes and biochemical profiles of Thai native horses in Kosum Phisai districts, Maha Sarakham province. KHON KAEN AGR. J. 40 supplement 2: 512-517.

Research Interest:

Small-scale farms, integrated farming systems, organic farming, forage and pasture management