

INGOMAR STEFAN MIDDELBOSS

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EDUCATION

- 2005 – present Ph.D. candidate, Companion Animal Nutrition,
University of Illinois, Urbana.
Expected degree date: May 2008
- 2003 – 2005 Master of Science, Companion Animal Nutrition,
University of Illinois, Urbana.
Degree date: December 2005
- 2002 – 2003 Master of Science, Animal Sciences (Animal Husbandry),
Wageningen University, Wageningen, The Netherlands.
Degree date: May 2003
- 1997 – 2002 Bachelor of Science, Animal Sciences (Animal Husbandry
and Agricultural Economy), Wageningen University,
Wageningen, The Netherlands.
Degree date: February 2002

WORK EXPERIENCE

- 2003 – present Graduate research assistant, Department of Animal
Sciences, University of Illinois, Urbana.
- 1/2003 – 5/2003 Intern, pork production chain quality control group,
Nutreco, N.V., Boxmeer, The Netherlands.
- 8/2002 – 12/2002 Visiting scholar, Companion Animal Nutrition,
Department of Animal Sciences, University of Illinois,
Urbana.
- 1999 – 2003 Several service industry and temp agency positions (The
Netherlands).

HONORS AND AWARDS

- 2007 – 2008 David H. and Norraine A. Baker Graduate Fellowship in Animal Sciences
2007 Sean M. Murray Memorial Scholarship
2006 International Ingredients Corporation Pinnacle Award

PROFESSIONAL AFFILIATIONS

- 2003 – present Member of the Koninklijke Landbouwkundige Vereniging (Royal Netherlands Society for Agricultural Sciences)
2003 – present Member of the American Society of Animal Sciences
2004 – present Member of the American Society for Nutrition

ACTIVITIES

- 2004 – 2007 Volunteer Department of Animal Sciences Academic Quadrathlon, University of Illinois.
2006 – 2007 Co-chair Department of Animal Sciences Academic Quadrathlon, University of Illinois.
2006 – 2007 Guest lectures at the University of Illinois
ANSC 207, Companion Animal Management (nutrition section)
ANSC 422, Companion Animal Nutrition (urinary tract problems in companion animals)
ANSC 499, Companion Animal Extension Course (online, nutrition section)
ANSC 520, Protein and energy nutrition (structure and properties of starch)

PUBLICATIONS

Peer reviewed:

- Middelbos, I. S., L. K. Karr-Lilienthal, J. Folador, M. Vazquez-Anon, G. Yi, and G. C. Fahey, Jr. 2006. Effects of dietary supplementation of DL-methionine or 2-hydroxy-4-(methylthio)-butanoic acid on food intake, nutrient digestibility, nitrogen balance, and urinary and blood metabolites in healthy, growing dogs. Arch. Anim. Nutr. 60:301-316.
- Middelbos, I. S., M. R. Godoy, N. D. Fastinger, and G. C. Fahey, Jr. 2007. A dose-response evaluation of spray dried yeast cell wall supplementation of

diets fed to adult dogs: Effects on nutrient digestibility, immune indices, and fecal microbial populations. *J. Anim. Sci.* (In press – published ahead of print on July 20, 2007 as doi:10.2527/jas.2007-0079)

Middelbos, I. S., N. D. Fastinger, and G. C. Fahey, Jr. 2007. Evaluation of fermentable oligosaccharides in diets fed to dogs in comparison to fiber standards. *J. Anim. Sci.* (In press – published ahead of print on August 8, 2007 as doi:10.2527/jas.2007-0080)

Book chapter:

Middelbos, I. S. and G. C. Fahey, Jr. 2007. Soybean carbohydrates. In: White, P., L. Johnson, R. Galloway (eds.). *Soybeans: Chemistry, Production, Processing, and Utilization*. AOCS Press, Urbana, IL. (In press).

Abstracts at professional meetings:

Middelbos I. S., L. K. Karr-Lilienthal, J. Folador, M. Vazquez-Anon, G. F. Yi, and G. C. Fahey, Jr. 2005. Effects of selected concentrations of DL-methionine and 2-hydroxy-4-(methylthio)-butanoic acid on nitrogen balance, urine pH, and nutrient digestibility in growing dogs. *J. Anim. Sci.* 83 (Suppl. 1):356.

Middelbos, I. S., L.K. Karr-Lilienthal, M.R. Godoy, and G.C. Fahey, Jr. 2006. Effects of Supplementation of Spray-Dried Yeast Cell Wall (*S. Cerevisiae*) on Food Intake, Fecal Microbial Populations, Fecal Characteristics, and White Blood Cell Counts in Ileal Cannulated Dogs. *Comp. Cont. Ed. Pract. Vet.* 28 (suppl. A):63.

Middelbos, I. S., N.D. Fastinger, M.R. Godoy, and G.C. Fahey, Jr. 2006. Gut microbial and immunological responses of dogs to diets containing alternative carbohydrates with properties similar to those of dietary fibers. *J. Anim Sci.* 84 (Suppl. 1):161-162.