

Curriculum Vitae

Abdelhamid Ahmed Mohamed Elfadil

B.V.Sc., M.P.H., Ph.D.

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Permanent Address:

College of Veterinary Medicine
Sudan University of Science and Technology (SUST)
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Academic Degrees:

Ph.D., Veterinary Epidemiology, 1991-1996,
(Ontario Veterinary College, University of Guelph, Guelph, Ontario, Canada).

M.P.H., Veterinary Public Health, 1982-1984,
(School of Public Health, University of Minnesota, Minnesota, USA).

B.V.Sc., Veterinary Science, 1970-1975,
(Faculty of Veterinary Science, University of Khartoum, Khartoum, Sudan).

Work Experience:

December 2007- present: Full Professor, College of Veterinary Medicine, Sudan University of Science and Technology, Khartoum, Sudan.

Aug 1999-Nov 2007: Associate professor, College of Veterinary Medicine, Sudan University of Science and Technology, Khartoum, Sudan.

Aug 2002-Aug 2007: Consultant Epidemiologist, Campaign for Control of Rift Valley Fever, Ministry of Agriculture, Kingdom of Saudi Arabia. (on secondment).

1996-1998: Research Associate, Department of Animal and Poultry Sciences, University of Guelph, Guelph, Ontario, Canada.

1987-1988: Quality Control Officer, Alwataniya Poultry Processing Plant, Buraydah, Kingdom of Saudi Arabia.

1979- present: Professor (Dec 2007), Associate Professor (Aug 1999), Assistant Professor (1991), Lecturer (1984), Teaching Assistant; College of Veterinary Medicine, Sudan University of Science and Technology, Khartoum, Sudan.

1975-1978: Veterinary Officer, Ministry of Animal Resources, Khartoum, Sudan.

Positions:

- Consultant Epidemiologist, Ministry of Animal Resources, Sudan, October 2007-present (member of the infectious diseases consultancy committee).
- Consultant Epidemiologist, Ministry of Agriculture, Saudi Arabia, 2002-2007.

Scientific Conferences:

- 60th Anniversary Celebrations of the Sudan Veterinary Medical Association (1946-2007), Sudan, Khartoum, Friendship Hall, 7-9 December 2007 (plenary paper presented)
- Arab Veterinary Association Conference, 2000, Grand Hotel, Khartoum.
- Sudan Veterinary Association Conference, 1999, Friendship Hall, Khartoum.
- The Am. Vet. Med. Ass. Conference, 1994, Pittsburg, PA, USA (paper presented).
- 6th International Symposium on Vet Epi & Econ, 1991, Ottawa, Canada.

Scientific Talks during the period of RVF outbreak in the Sudan:

- Epidemiology of Rift Valley Fever: 27/11/2007, Faculty of Agriculture, Islamic University, Omdurman, Sudan.
- Epidemiology of Rift Valley Fever: 20/11/2007, Faculty of Public Health & Environmental Health, University of Khartoum, Khartoum, Sudan.
- Epidemiology of Rift Valley Fever: 18/11/2007, Sudan Veterinary Association Residence, Khartoum, (organized by the Federal Ministry of Animal Resources).
- Epidemiology of Rift Valley Fever: 17/11/2007, College of Veterinary Medicine, Sudan University of Sc. & Tech., Kuku, Khartoum, Sudan.

International Experience:

- * Consultant epidemiologist working (on a part-time basis) with the Arab Organization for Agricultural Development (AOAD). I was one of a two-expert team for the professional and final evaluation of the project entitled "Monitoring, Surveillance and Control of Rift Valley Fever in some AOAD-member countries (Sudan, Egypt, Yemen, Sultanate of Oman and Jordan) in the period Aug.-Sep. 2007.
- * Consultant epidemiologist in the Campaign for Control of Rift Valley Fever in southwestern Saudi Arabia in the period 2002-2007 (see publications).
- * Consultant epidemiologist, Min. of Anim. Res., Sudan (see publications)
- * Poultry diseases researcher working in a joint program (Ph.D.) between Ontario Veterinary College and Ontario Poultry Producers, Guelph, Canada. I was one of a two-researcher team for the investigation of Cellulitis in broiler chickens in southern Ontario in the period 1991-1998 (see publications).
- * Quality control officer in Alwataniah Poultry Establishment, Buraydah, Saudi Arabia. My job was to assess the quality of broilers after processing.
- * Veterinary public health researcher working in a joint program (M.P.H.) between School of Public Health, University of Minnesota and the US Department of Agriculture. My role was to investigate the public health and economic impact of food animals rabies in Minnesota in the period 1982-84 (MPH thesis).

Publications:

- 1- Mohamed H. E. and Elfadil A. A. (2014). Prevalence and Risk Factors of Camel Hydatidosis in North Darfur State, Sudan. The Sudan Journal of Veterinary Science and Animal Husbandry. (Accepted).
- 2- Mohamed E. G. and Elfadil A. A. (2014). Epidemiological Study on Bovine Mastitis in Smallholder Dairy Cows in Northern State, Sudan. U of K J. Vet. Med. & Anim. Prod. (accepted).
- 3- Shuaib Y. A., Elfadil A. A., Abdelrahman M. E., Negussie H. and Zessin K-H. (2014). Seroprevalence and Risk Factors of *Peste des Petits Ruminants* in Sheep in the Kassala and North Kordofan States of the Sudan. Inter J Vet Sci, 3(1), pp 18-28.
- 4- Sebit K. L., Elfadil A. A. and Bakheit M. R. (2013). Epidemiological and Bacteriological Investigation of Bovine Mastitis in Khartoum State, Sudan. J. Sc. Tech. Vol 14 (in press).
- 5- Mustafa S. A. and Elfadil A. A. (2012). Seroprevalence and Risk Factors of *Peste des Petits Ruminants* (PPR) in Sheep in River Nile and White Nile States, Sudan. U of K J. Vet. Med. & Anim. Prod. Vol 3, No 2, pp 106-126.
- 6- Elfadil A.A. (2007). A perspective on the epidemiology of H5N1 highly pathogenic avian influenza. Proceedings of the 60th Anniversary Celebrations of the Sudan Veterinary Medical Association (1946-2007), Sudan, Khartoum, Friendship Hall, 7-9 December 2007, pp 16-25
- 7- Dafalla O.M.A. and Elfadil A.A. (2007). Epidemiologic and clinical features of camelpox in Jazan region, Saudi Arabia. Vet. Res., vol. 1 (3), pp 65-67. (Pakistani Journal).
- 8- Elfadil A.A. and Shaheen E. S. (2007). Persistence duration of immunoglobulin G (IgG) antibodies to RVF virus in sheep and goats after vaccination. J. Sc.Tech., Vol 8 (1), pp 112-117.
- 9- Elfadil A.A., et al. (2006). The persistence of RVF in the Jazan region of Saudi Arabia. Rev. sci. tech. Off. int. Epiz., 25 (3), December 2006, pp 1131-1136. (International Journal).
- 10- Elfadil A.A. et al. (2006). Factors associated with RVF in southwestern Saudi Arabia. Rev. sci. tech. Off. int. Epiz., 25 (3), December 2006, pp 1137-1145. (International Journal).
- 11- Elfadil A.A., and Ali S.S. (2006). Serological survey of RVF in Jazan region, Saudi Arabia. J. Sc.Tech., Vol 7 (1), pp 5-13.
- 12- Elfadil A.A., et al. (2005). Antibody response of sheep and goats in Saudi Arabia to the live attenuated RVF vaccine. J. Sc.Tech., Vol. 6 (1), pp 126-133.
- 13- Elfadil A.A., et al. (2004). Epidemiologic study on RVF in the southwest of Kingdom of Saudi Arabia. J. Sc.Tech., Vol. 5 (1), pp 110-119.
- 14- Elfadil A.A. (2003). *Escherichia coli* infection in broiler chickens, a review. Part I I: epidemiology, public health and economic impact. J. Sc.Tech., Vol. 4 (1), pp 59-70.
- 15- Elfadil A.A. (2002). *Escherichia coli* infection in broiler chickens, a review. Part I: organism, pathogenicity and pathology. J. Sc.Tech., Vol. 3 (2), pp 45-62.
- 16- Elfadil A.A. (2002). A proposed animal disease monitoring and surveillance system (ADMSS) for the Sudan. J. Sc. Tech., Vol. 3 (1), pp 62-69.
- 17- Elfadil A.A., et al. (1998). Comparative study of body characteristics of different strains of broiler chickens. J. Appl. Poultry Res., Vol. 7, pp 268-272. (American Journal).
- 18- Elfadil A.A., et al. (1996). Impact of stocking density, breed, and feathering on the prevalence of abdominal skin scratches in broiler chickens. Avian Diseases, Vol. 40 (3), pp 546-552. (American Journal).
- 19- Elfadil A.A., et al. (1996). A prospective study on cellulitis in broiler chickens in southern Ontario. Avian Diseases, Vol. 40 (3), pp 677-689. (American Journal).

- 20- Elfadil A.A., et al. (1996). Description of cellulitis lesions and associations between cellulitis and other categories of condemnation. *Avian Diseases*, Vol. 40 (3), pp 690-698. (American Journal).
- 21- Elfadil A.A., et al. (1996). Farm management risk factors associated with cellulitis in broiler chickens in southern Ontario. *Avian Diseases*, Vol. 40 (3), pp 699-706. (American Journal).

Supervision: Main Academic Supervisor for:

Doctor of Philosophy (Ph. D.) Degrees:

- 1- Thesis Title: Prevalence, Risk Factors and Risk Assessment of *Peste Des Petits Ruminants* (PPR) in the Sudan. (On progress).
- 2- Thesis Title: Prevalence, Risk Factors and Economic Impact of Bovine Brucellosis in Khartoum State, Sudan. (On progress).

Master of Science in Preventive Veterinary Medicine (M. Sc.) Degrees (By Research):

- 1- Thesis Title: Application of the GIS on the Prevalence and Risk Factors of *Peste Des Petits Ruminants* (PPR) in the Sudan. (Approved April 2013, paper published 2012).

Master of Preventive Veterinary Medicine (MPVM) Degrees (By Courses and Research Project):

- 1- Thesis Title: An Epidemiologic Study on Sheep Hydatidosis in Khartoum State, Sudan. (Approved December 2011).
- 2- Thesis Title: Prevalence, Risk Factors and Economic Impact of Camel Hydatidosis in North Darfour State, Sudan. (Approved March 2012) (Paper accepted).
- 3- Thesis Title: Prevalence and Risk Factors Associated with CBPP in Khartoum State, Sudan. (Approved June 2012).
- 4- Thesis Title: Seroprevalence and risk factors of chicken anemia virus in Khartoum State, Sudan. (Approved December 2012).
- 5- Thesis Title: Epidemiological Study on coccidiosis of small ruminants in Khartoum State, Sudan. (Approved April 2013).
- 6- Thesis Title: Seroprevalence and risk factors of bovine brucellosis in Khartoum State, Sudan. (Approved March 2013).
- 7- Thesis Title: Epidemiological and bacteriological investigation of bovine mastitis in Khartoum State, Sudan. (Approved April 2013) (Paper accepted).
- 8- Thesis Title: Epidemiological study of brucellosis in camels in Khartoum State, Sudan. (Approved April 2013).
- 9- Thesis Title: Epidemiological study on bovine mastitis in smallholder dairy cows in Northern State, Sudan. (Approved January 2013) (Paper accepted).
- 10- Thesis Title: Prevalence and risk factors of sheep haemonchosis in North Kordofan State, Sudan. (Approved April 2013).
- 11- Thesis Title : Epidemiological study of brucellosis in sheep in Khartoum State, Sudan. (Approved February 2013).
- 12- Thesis Title: Prevalence and risk factors of bovine hydatidosis in North Kordofan State, Sudan. (Approved January 2013).

- 13- Seroprevalence of caprine Brucellosis in Khartoum State, Sudan. (Approved June 2013).
- 14- Prevalence and Risk Factors of Bovine Trypanosomoses in Khartoum State, Sudan. (Approved August 2013) (Paper accepted).
- 15- Epidemiological Study on Bovine Babesiosis in East Darfur. (Approved August 2013).
- 16- Prevalence and Risk Factors of Bovine Fasciolosis in Khartoum State, Sudan. (Approved September 2013).
- 17- Retrospective Study on Newcastle in Khartoum State, Sudan. (Approved September 2013).
- 18- Prevalence and Risk Factors of Bovine Babesiosis in Khartoum State, Sudan. (Approved September 2013).
- 19- Epidemiological and Bacteriological Study on Caprine Subclinical Mastitis in Khartoum State, Sudan. (Approved October 2013).

**Master of Transboundary Animal Diseases Management (MTADM)
Degrees (By Courses and Research Project):**

- 1- Thesis Title: *Peste Des Petits Ruminants* (PPR) in Sheep in the Sudan: A Study on Seroprevalence and Risk Factors. (Approved December 2011, paper published 2014).
- 2- Thesis Title: Prevalence, Risk Factors and Economic Impact of Sheep Pox in North and South Kordofan. (Approved December 2011).

Prize:

Prize of the Distinguished Research

Presented by the Senate of The Sudan University of Science and Technology, Khartoum, Sudan.