

CURRICULUM VITAE

HAIGH, Jeremy (Jerry) C.

PERSONAL

Born: June 7, 1941, Nairobi, Kenya.

Married to Dr. Joanne Haigh 1969. 2 children, Karen & Charles.

ACADEMIC CREDENTIALS

BVMS, MRCVS, University of Glasgow, Veterinary School, Veterinary Medicine, 1965

M.Sc., University of Saskatchewan, 1982

Diplomate, American College of Zoological Medicine, November, 1984

Fellow of the Royal College of Veterinary Surgeons. 1992.

APPOINTMENT(S) AND PROMOTIONS

Intern, University of Nairobi, 1965 to 1966

District Veterinary Officer, Government of Kenya, 1967 to 1971

Private Practitioner, Self-employed, 1971 to 1975

Professional Associate, Without Term, 1975, College of Veterinary Medicine

Associate Professor, 1976, College of Veterinary Medicine

Professor, July 1984, Department of Herd Medicine and Theriogenology

Professor, Tenured, July 1992, Department of Herd Medicine and Theriogenology

Retired, as Emeritus Professor. February 2009.

HONOURS (MEDALS, FELLOWSHIPS, PRIZES)

Gold Medal, Glasgow Veterinary School, Clinical Surgery, 1965

Visiting Professor, University of Utah Medical School, February 17-23, 1986

Visiting Scientist, Henry Dorly Zoo, Omaha, Nebraska, April 27-30, 1989

Visiting Instructor and course coordinator, N. Carolina State University, July 11-14, 1990

University of Sydney, NSW Australia. Visiting Professor, Evelyn Williams Visiting Professorship, March and April, 1992

President, American Assn of Zoo Veterinarians, 1988-1989

President, American College of Zoological Medicine. 1989-1991

Award of Fellowship of the Royal College of Veterinary Surgeons for meritorious contribution to learning, June 9, 1992

First Graham-Gilman visiting lecturer. University of Florida and White Oak Plantation. April 12-16, 1995

George W. Ivany International Award. University of Saskatchewan. November Convocation 2005

President, Saskatchewan Writers Guild. 2008-2010

PROFESSIONAL PRACTICE

A major interest and area of professional practice is in the field of free ranging wildlife. I have an abiding interest in the interface between humans and wildlife, and how we use the many species with which we share the globe. I have worked with free-ranging wildlife in several areas of Africa, and taken part in the capture and translocation of over 100 rhinoceros and a similar number of elephants. Between 1968 and 1975 I also looked after the group of white rhinoceros that were held in Meru National Park, Kenya, attending to their medical problems. I was

involved in the capture of several other wild species.

I have also assisted a team of researchers from the New York Zoological Society with the capture & radio-collaring of forest elephants in the Korup forest area of Cameroon.

While on sabbatical leave in Africa in 1997/98 I worked on rhino, wild dog, lions, hyaenas and elephants.

In 1975 I spent 6 weeks in Rwanda as the attending veterinarian dealing with the culling and translocation of the last of the savanna elephant in that country. A thorough account of this exercise is given in “Wrestling With Rhinos” as well as in the scientific literature.

I took Canadian veterinary students to Uganda for seven years (until retirement) and linked with faculty in the Department of Wildlife and Animal Resource Management at the Veterinary Faculty in Kampala. The collaborative work involved teaching of Canadian students, as well as Uganda graduate veterinarians in several different wildlife disciplines. We visited several national parks and carried out work on species ranging from lions to chimpanzees, rodents and a variety of forest birds.

I have worked in many areas of Canada and been involved with projects that included species as diverse as polar bears, black bears, grizzly bears, grey seals, hooded seals, moose, caribou, wood & plains bison, North American elk, white-tailed deer and wolves.

PUBLICATIONS and WORKSHOPS

BOOKS, CHAPTERS IN BOOKS, EXPOSITORY AND REVIEW ARTICLES

Haigh, Jerry. 2025. *In Velvet: Elk, Wapiti, and Deer Stories*. Universal Book Publications.

Haigh, Jerry. 2021. *Reindeer Reflections: Lessons from and Ancient Culture*. Rocky Mountain Books.

Haigh, Jerry. 2015. *Porcupines to Polar Bears. Adventures of a Wildlife Veterinarian*. Dragon Hill Press.

Haigh, Dr. Jerry. 2012. *Of Moose and Men: A Wildlife Vet's Pursuit of the World's Largest Deer*. ECW Press.

Haigh, Jerry. 2008. *The Trouble With Lions. A Glasgow Vet in Africa*. University of Alberta Press.

Woodbury, M. and Haigh, J., 2004. Antlers and Reproduction. In: *Current Therapy in Large Animal Theriogenology*. ed. R S. Youngquist. W.B. Sanders Co., Philadelphia. In Press.

Haigh, J.C., 2002. *Wrestling with Rhinos: The Adventures of a Glasgow Vet in Kenya*. ECW Press.

Wilson, P.R., Mellor, D.J., Stafford, K.J. and Haigh, J.C., 2001. Velvet Antler Removal: International Welfare, Ethical and Legal Issues. In Sim, Sunwoo, H.H., Hudson, R.J. and Jeon, B.T. (eds.), Antler Science and Product Technology, pages 363-386. Edmonton, Alberta.

Haigh, J.C., Woodbury, M.R., Stookey, J.M., Schaefer, A.L., Caulkett, N. and Wilson, P.R., 2001. *New Technologies for Velvet Antler Removal: The Search for the Ideal Method*. In Sim, J.S., Sunwoo, H.H., Hudson, R.J. and Jeon, B.T. (eds), Antler Science and Product Technology, pages 387-410. Edmonton, Alberta.

Haigh, J.C., 1999. *The Use of Chutes for Ungulate Restraint*. In Fowler, M.E. and Miller, R.E., (eds.), Zoo and Wild Animal Medicine: Current Therapy 4, pages 657-662. W.B. Saunders Co: Philadelphia.

Haigh, J.C. and Hudson, R.J., 1993. *Farming Wapiti and Red Deer*. Mosby Year Book Inc.: St. Louis.

Haigh, J.C., 1993. *Game Farming, With an Emphasis on North America*. In Fowler, M.E. (ed.), Zoo and Wild Animal Medicine, Current Therapy 3, pages 87-101, W.B. Saunders Co.

Woodbury, M.R., John Berezowski, J. Haigh, J.C. 2006. An estimation of reproductive performance of farmed elk (*Cervus elaphus*) in North America. *Can Vet J.* 47:60–64

Haigh, J.C., Berezowski, J. and Woodbury, M.R., 2005. A Cross-sectional Study of Causes of Morbidity and Mortality in Farmed White-tailed Deer. *Canadian Veterinary Journal*, 46, 507-512.

Haigh, J.C., Berezowski, J. and Woodbury, M.R., 2005. A Cross-sectional Study of Reproductive Indices and Fawn Mortality in Farmed White-tailed Deer. *Canadian Veterinary Journal*, 46, 413-416.

Berezowski, J.A., Appleyard, G.D., Crawford, T.B., Haigh, J.C., Li, H., Middleton, D.M., O'Connor, B.P., West, K. and Woodbury, M.R., 2005. *An Outbreak of Sheep Associated Malignant Catarrhal Fever in Bison Following Exposure to Sheep at a Public Auction Sale.* *J Vet Diagn Invest.*, 17(1), 55-8.

Mikler, J.R., Theoret, C.L. and Haigh, J.C., 2004. *Effects of Topical Elk Velvet Antler on Cutaneous Wound Healing in Streptozotocin-Induced Diabetic Rats.* *J. Alternative and Complementary Medicine*, 10(5), 835-840.

Caulkett, N. and Haigh, J.C., 2004. *Anesthesia of North American Deer* In: Zoological Restraint and Anesthesia, Heard D. (Ed.) *International Veterinary Information Service*, Ithaca NY. B0171.0404.

Haigh, J.C., Mackintosh, C. and Griffith, F., 2002. Viral, Parasitic and Prion Diseases of Farmed Deer and Bison. *Rev. Sci. Tech. Off. Int. Epiz.*, 21 (2) 219-248.

Mackintosh, C., Haigh, J.C. and Griffith, F., 2002. Bacterial Diseases of Farmed Deer and Bison. *Rev. Sci. Tech. Off. Int. Epiz.*, 21 (2) 249-263.

Haigh, J.C., 2001. *The Gestation Length of Wapiti (Cervus elaphus) Revisited.* *Animal Reproduction Science*, 65, (1-2), 89-93.

Caulkett, N.A., Cribb, P.H. and Haigh, J.C., 2000. *Comparative Cardiopulmonary Effects of Carfentanil-Xylazine and Medetomidine-Ketamine Used for Immobilization of Mule Deer and Mule Deer/White-Tailed Deer Hybrids.* *Canadian Veterinary Journal*, 64, 64-68.

Elkan, P.W., Planton, H.P., Powell, J.A., Haigh, J.C. and Karesh, W.B., 1998. *Chemical Immobilization of African Elephant in Lowland Forest, Southwest Cameroon.* *Pachyderm*, 25, 32-37.

Haigh, J.C., Dowling, P.M. and Smits, J.G., 1997. *Pharmacokinetics of Long-Acting Oxytetracycline in Fallow Deer (Dama dama).* *Journal of Veterinary Pharmacology & Therapeutics*, 20, 243-245.

Haigh, J.C., Stookey, J.M., Bowman, P. and Waltz, C., 1997. *A Comparison of Weaning Techniques in Farmed Wapiti (Cervus elaphus).* *Animal Welfare*, 6, 255-264.

Haigh, J.C., 1997. *Aniama Selvagens: Manejo Reprodutivo de Animais de Jardim Zoologico.* *A Hora Veterinaria* (Brazil), 17(100), 62-65.

Talbot, J., Haigh, J.C. and Plante, Y. 1996. *A Parentage Evaluation Test in North American Elk (Wapiti) Using Microsatellites of Ovine and Bovine Origin.* *Animal Genetics*, 27: 117-119.

Woodbury, M. and Haigh, J.C., 1996. *Innervation and Anesthesia of the Antler Pedicle in Wapiti and Fallow Deer.* *Canadian Veterinary Journal*, 37: 486-489.

Haigh, J.C., 1996. *Management Practices to Minimize Infectious and Parasitic Diseases of Farmed and Ranched Cervids and Bison.* *Rev. Sci. Tech. Off. Int. Epiz.* 15(1), 209-226.

- Haigh, J.C., 1995. *Exploitation and Domestication of Deer*. Anthrozoos, 8, 206-216.
- Haigh, J.C. and Gates, C.C., 1995. *Capture of Wood Bison with Carfentanil-Based Mixtures*. Journal of Wildlife Diseases, 31, 37-42.
- Haigh, J.C. and Friesen, R., 1995. *A Handling System for White-Tailed Deer*. Journal of Zoo & Wildlife Medicine, 26, 321-326.
- Haigh, J.C., 1995. *The Potential of Surrogate Motherhood as a Tool for Conservation of Extinct or Unknown Species*. Journal of Irreproducible Results, 40(1), 9-11.
- Haigh, J.C., Dalton, W.J., Ruder, C.A. and Sasser, R.G., 1993. *Diagnosis of Pregnancy in Moose Using a Bovine Assay for Pregnancy-Specific Protein-B*. Theriogenology, 40, 905-911.
- Haigh, J.C., Dradjat, A.S. and English, A.W. *Comparison of Two Extenders for the Cryopreservation of Chital (*Axis axis*) Semen*. Journal of Zoo & Wildlife Medicine, 24, 454-458.
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- Pybus, M.J., Samuel, W.M., Welch, D.A., Smits, J.E.G. and Haigh, J.C., 1992. *Mortality of Fallow Deer (*Dama Dama*) Experimentally Infected with Meningeal Worm, *Parelaphostrongylus Tenuis**. Journal of Wildlife Diseases, 28, 95-101.
- Haigh, J.C., Gates, G., Ruder, A. and Sasser, R., 1991. *Diagnosis of Pregnancy in Wood Bison Using a Bovine Assay for Pregnancy-Specific Protein-B*. Theriogenology, 35, 749-754.
- Haigh, J.C., 1991. *Immobilization of Wapiti with Carfentanil and Xylazine and Opioid Antagonism with Dipresorphine, Naloxone and Naltrexone*. Journal of Zoo and Wildlife Medicine, 22, 318-323.
- Haigh, J.C. and Bowen, G., 1991. *Artificial Insemination of Red Deer (*Cervus Elaphus*) With Frozen-Thawed Wapiti Semen*. Journal of Reproduction and Fertility, 93, 119-123.
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- Smits, J.G. and Haigh, J.C., 1989. *Yohimbine HCl Administration to Reverse Xylazine Sedation in Mule Deer and White-tailed Deer*. Journal of Zoo and Wildlife Medicine, 20, 170-172.
- Haigh, J.C., 1988. *Misuse of Xylazine*. Canadian Veterinary Journal, 29, 783-784.
- Haigh, J.C. and Alsager, R., 1987. *Yohimbine and Physostigmine as Antidotes to Xylazine in Elk *Cervus elaphus**. Journal of Zoo Animal Medicine
- Haigh, J.C., Cranfield, M. and Sasser, R., 1988. *Estrus Synchronization and Pregnancy Diagnosis in Red Deer*. Journal of Zoo Animal Medicine, 19, 202-207.
, 18: 70-72.

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- Haigh, J.C., Stirling, I. and Broughton, E., 1985. *Immobilization of Polar Bears (Ursus Maritimus Phipps) with a Mixture of Tiletamine HCL and Zolazepam HCL.* Journal of Wildlife Diseases, 21, 43-47.
- Haigh, J.C. and Stenhouse, G.B., 1985. *Fatal Trauma Caused by a Deterrent Device for Bears.* Journal of Wildlife Diseases, 21, 330-331.
- Haigh, J.C., 1984. *Artificial Insemination of Two White-tailed Deer.* Journal of American Veterinary Medical Association, 185, 1446.
- Haigh, J.C., Cates, W.F., Glover, G.J. and Rawlings, N.C., 1984. *Relationships between Seasonal Changes in Serum Testosterone, Concentrations, Scrotal Circumference and Sperm Morphology of Male Wapiti (Cervus elaphus).* Journal of Reproduction and Fertility, 70, 413-418.
- Bauk, L. and Haigh, J.C., 1984. *Toxicity of Gentamycin in Great Horned Owls (Bubo virginianus).* Journal of Zoo Animal Medicine, 15, 62-66.
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- Haigh, J.C., 1983. *Cimetidine for Treatment of Abomasal Ulcers in Young Ruminants.* Journal of Zoo Animal Medicine, 13, 173.
- Haigh, J.C., Keffen, R.H., Gilboe, D.B., Klepacki, M. and Chaney, S.A., 1983. *Coping Saw Blades and Pipe Cleaners as Endodontic Tools.* Journal of Zoo Animal Medicine, 13, 174.
- Haigh, J.C., Lee, J. and Schweinsburg, R., 1983. *Immobilization of Polar Bears with Carfentanil.* Journal of Wildlife Diseases, 19, 140-144.
- Hrudka, F., Cawthorn, R. and Haigh, J.C., 1983. *The Occurrence of Coccidia Eimeridae in Epididymal Semen of a Wapiti (Cervus canadensis Nelsoni).* Canadian Journal of Zoology, 61, 1693-1699.
- Haigh, J.C. and Latour, S., 1982. *A Domestic Dog as a Foster Mother for an American Black Bear Cub (Ursus americanus).* International Zoo Yearbook, 22, 262-263.
- Lee, J., Schweinsburg, R., Kernan, F. and Haigh, J.C., 1982. *Immobilization of Polar Bears with Ketamine Hydrochloride and Xylazine Hydrochloride.* Journal of Wildlife Diseases, 17, 331-336.
- Haigh, J.C. and Field, M.F., 1981. *Rabies Vaccination in a Small Zoo: Antibody Titre Studies.* Journal of Zoo Animal Medicine, 12, 17-20.
- Haigh, J.C., Farrow, C.S. and Ferguson, J.G., 1980. *Bilateral Horn Fracture in a Bighorn Ewe.* Journal of the American Veterinary Medical Association, 177, 950-951.
- Haigh, J.C., Stewart, R.R. and Mytton, W., 1980. *Relations Among Linear Measurements and Weights for Moose (Alces alces).* Alces, 16, 1-10.
- Haigh, J.C. and Haigh, J.M., 1980. *Immobilizing Drug Emergencies in Humans.* Veterinary and Human

Toxicology, 22(2), 94-98.

Haigh, J.C., Parker, I.S.C., Parkinson, D.D. and Archer, A.L., 1979. *An Elephant Extermination*. Environmental Conservation, 6(4), 305-310.

Haigh, J.C., 1979. *Levamisole in Waterfowl: Trials on Effect and Toxicity*. Journal of Zoo Animal Medicine, 10, 103-105.

Haigh, J.C., Pharr, J.W. and Daoust, P.Y., 1979. *Osteomyelitis and Arthritis in a Caribou*. Journal of the American Veterinary Medical Association, 175, 996-998.

Haigh, J.C., 1979. *Hyaluronidase as an Adjunct in an Immobilizing Mixture for Moose*. Journal of the American Veterinary Medical Association, 175, 916-917.

Ferguson, J.G., Farrow, C.S. and Haigh, J.C., 1978. *Tibio-tarsal Arthrodesis in a Moufflon Sheep*. Journal of the American Veterinary Medical Association, 173, 1175-1177.

Hunter, B. and Haigh, J.C., 1978. *De-Myelinating Peripheral Neuropathy in a Guinea-Hen Associated with Sub-Acute Lead Intoxication*. Avian Diseases, 22, 2, 344-349.

Haigh, J.C., 1978. *The Abuse of Wildlife Immobilizing Drugs*. Canadian Veterinary Journal, 19, 138-139.

Haigh, J.C., 1978. *Maternal Juvenile Rejection and Its Suppression by Anesthesia in a Capuchin Monkey*. Applied Animal Ethology, 4, 389-391.

Haigh, J.C., Pharr, J.W. and Daoust, P.Y., 1978. *Pleuro-Pericarditis and Pneumonia Due to Listeria Monocytogenes in an African Lion*. Journal of Zoo Animal Medicine, 9, 2, 38-42.

Haigh, J.C., Stewart, R.R., Frokjer, R. and Hauge, T., 1977. *The Capture of Moose with Fentanyl and Xylazine*. Journal of Zoo Animal Medicine, 8, 3, 22-29.

Haigh, J.C., Wobeser, G. and MacWilliams, P., 1977. *Capture Myopathy in a Moose*. Journal of the American Veterinary Medical Association, 171, 9, 924-926.

Cribb, P.H. and Haigh, J.C., 1977. *Anesthetic for Avian Species*. Veterinary Record, 100, 472-473.

Haigh, J.C., 1977. *Fallow Deer Immobilization with Fentanyl and a Neuroleptic*. Veterinary Record, 100, 18, 386-387.

Haigh, J.C., 1977. *The Capture of Wild Black Rhinoceros using Fentanyl and Azaperone*. South African Journal of Wildlife Research, 7, 1, 11-14.

Haigh, J.C. and Holt, P.E., 1976. *The Use of the Anesthetic CT1341 in a Sarus Crane*. Canadian Veterinary Journal, 17, 11, 291-292.

Haigh, J.C. and Hopf, H.C., 1976. *The Blow-Gun in Veterinary Practice - Its Uses and Preparation*. Journal of the American Veterinary Medical Association, 169, 9, 881-883.

Haigh, J.C., 1976. *The Use of CT1341 for Surgical Anesthesia in a Pelican*. Journal of Zoo Animal Medicine, 7, 3, 39.

Haigh, J.C., 1976. *Some Mechanical Faults Associated with Dart Immobilization*. Journal of Zoo Animal Medicine, 7, 12-14.

- Haigh, J.C., 2000. *Managing Farmed Deer for Maximum Health*. The Canadian Elk and Deer Farmer, 7, 3, 43-47.
- Haigh, J.C., 2000. *Two Thousand Elk Conference for Veterinarians*. The Canadian Elk and Deer Farmer, 7, 2, 28-29.
- Haigh, J.C., 2000. *Deer on the Island of Rota*. The Canadian Elk and Deer Farmer, 7, 1, 78-81.
- Haigh, J.C., 2000. *Back-to-Back Deer Conferences in Scotland*. The Canadian Elk and Deer Farmer, 7, 1, 78-81.
- Haigh, J.C., 1999. *Australian Deer Industry 5th Biennial Meeting*. The Canadian Elk and Deer Farmer, 6, 6, 111.
- Haigh, J.C., 1999. *Moose Exports to New Zealand*. The Canadian Elk and Deer Farmer, 6, 6, 96-97.
- Haigh, J.C., 1999. *There's no accounting for taste*. The North American Deer Farmer, 6, 5, 22-23.
- Haigh, J.C., 1999. *Deer of the World: The Sambar*. The Canadian Elk and Deer Farmer, 6, 5, 94-95.
- Haigh, J.C., 1999. *Deer of the World. Père David's Deer*. The Canadian Elk and Deer Farmer, 6, 4, 54-55.
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- Haigh, J.C., 1999. *Artificial Antlers*. The Canadian Elk and Deer Farmer, 5, 4, 56-57.
- Haigh, J.C., 1999. *Placenta Eating Revisited*. The Canadian Elk and Deer Farmer, 5, 4, 78.
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- Olsen, C. and Haigh, J.C., 1998. *Calving Management – Producer Notes*. The Canadian Elk and Deer Farmer, 5, 3, 33-36.
- Haigh, J.C., 1998. *Game Ranching in Southern Africa*. The Canadian Elk and Deer Farmer, 5, 3, 85-86.
- Haigh, J.C., 1998. *Antibiotics in deer*. The Canadian Elk and Deer Farmer, 5, 1, 129-130.
- Haigh, J.C., 1998. *Placentophagia*. The Canadian Elk and Deer Farmer, 5, 2, 68-69.
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- Haigh, J.C., 1997. *The function of antlers: part two*. The Canadian Elk and Deer Farmer, 4, 3, 90-93, fall.
- Haigh, J.C., 1997. *Moose exports to New Zealand*. Classic Critters, 5, 1, 39-40.
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- Haigh, J.C., 1996. *The giant liver fluke*. The Canadian Elk and Deer Farmer, 3, 3, 8-9.

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- Haigh, J.C., 1995. *Cryptosporidium*. The Canadian Elk and Deer Farmer, 2, 2, 7.
- Haigh, J.C., 1995-1996. *Pregnancy detection for farmed deer*. North American Deer Farmers Association, 20, winter.
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Haigh, J.C., 1996. *Restraint of farmed cervids*. Wisconsin Vet. Med. Assn., Madison, Wisconsin, October 19.

Haigh, J.C., 1996. *A Herd Health Approach to Cervid Farming*. Wisconsin Vet. Med. Assn., Madison, Wisconsin, October 19.

Haigh, J.C. 1996. *Reproductive Management of Zoo Animals*. Fifteenth Pan-American Veterinary Congress, Campo Grande, Brazil, October 21-25.

Haigh, J.C., Stookey, J., Bowman, P. and Waltz, C., 1996. *A Comparison of Contact Weaning and Remote Weaning in Wapiti Calves*. British Veterinary Deer Society, Tunbridge Wells, England. May 14-15.

Haigh, J.C., 1994. *Handling Wapiti on a Game Farm*. Proceedings, American Association of Zoo Veterinarians, Pittsburgh, page 317.

Haigh, J.C., 1994. *Aspects of Domestication of Wildlife with Particular Reference to Deer*. In: Jensen, J. (ed), Game Ranching and Farming Symposium, Texas A & M University, College Station, Texas, USA, pages 24-29.

Haigh, J.C., 1994. *Handling Deer: Principles and Practice*. In: Jensen, J. (ed), Game Ranching and Farming Symposium, Texas A & M University, College Station, Texas, USA, pages 37-43.

Haigh, J.C., 1994. *Reproductive Management of Farmed Deer (red deer and native North American deer)*. In: Jensen, J. (ed), Game Ranching and Farming Symposium, Texas A & M University, College Station, Texas, USA, pages 72-77.

Haigh, J.C., 1994. *Health and Disease*. In: Jensen, J. (ed), Game Ranching and Farming Symposium, Texas A & M University, College Station, Texas, USA, pages 78-99.

Haigh, J.C., 1994. *Management Cycles for Red Deer and Wapiti*. In: Jensen, J. (ed), Game Ranching and Farming Symposium, Texas A & M University, College Station, Texas, USA, pages 114-121.

Haigh, J.C., 1993. *Production medicine for cervid farmers*. American Assn. of Zoo Veterinarians, St. Louis, MO, October 1993, pages 372-380.

Haigh, J.C., 1992. *Semen collection and artificial insemination*. World Deer Congress, Lincoln University, New Zealand, February.

Haigh, J.C., 1992. *Practical Considerations for Tuberculin Testing of Cervids*. In MA Essey, (ed.). Bovine Tuberculosis in Cervidae: Proceedings of a Symposium, Miscellaneous Publication No. 1506, Hyatsville: USDA: APHIS, pages 57-60.

Haigh, J.C., 1991. *The Veterinarian's Role in the Game Farming Industry*. Michigan Veterinary Conference, January, LA2, pages 1-4.

Haigh, J.C., 1990. *Immobilization of Wapiti with Carfentanil and Xylazine*. 2nd International Wildlife Ranching Symposium (in press).

Haigh, J.C. and Bowen, G., 1990. *Artificial Insemination of Red Deer with Frozen/Thawed Wapiti Semen*. 2nd International Wildlife Ranching Symposium (in press).

Haigh, J.C., 1989. *Hazardous Drugs in Zoo and Wildlife Medicine*. Proceedings of the American Association of Zoo Veterinarians, Greensboro, North Carolina, 69-71.

Haigh, J.C., 1989. *Physiology, Growth and Function of Antlers*. Western States Veterinary Conference, Las Vegas, Nevada, February 19. Proceedings of the 18th Seminar for Veterinary Technicians, 33-39.

Haigh, J.C., 1988. *Translocation and Disease Concerns*. Proceedings of the American Association of Zoo Veterinarians, Toronto, Ontario, 119-120.

Haigh, J.C., 2000. *Role Playing as a Teaching Tool in Wildlife Curricula*. Proceedings of the American Association of Zoo Veterinarians and International Association for Aquatic Animal Medicine, New Orleans, Louisiana, pages 403-406.

Arnemo, J.M., Aanes, R., Oystein, O., Caulkett, N.A., Rettrie, J. and Haigh, J.C., 2000. *Reversible Immobilization of Free-Ranging Svalbard Reindeer, Norwegian Reindeer and Woodland Caribou: A Comparison of Medetomidine-Ketamine and Atipamezole in Three Subspecies of Rangifer tarandus*. Proceedings of the 49th Annual Wildlife Disease Association Conference, June 4-8, Grand Teton National Park, Wyoming, pages 49-50.

Haigh, J.C., 1998. *A Preliminary Re-Examination of the Gestation Length of Wapiti*. 4th International Deer Biology Congress, page 49, June 20-July 4, Kaposvar, Hungary.

Haigh, J.C. and Kessler, C.C., 1998. *Xylazine and Tiletamine-Zolazepam as Immobilizing Agents for Rota Deer*. 4th International Deer Biology Congress, page 49, June 20-July 4, Kaposvar, Hungary.

Caulkett, N.A., Rettie, W.J. and Haigh, J.C., 1996. *Immobilization of Free-ranging Caribou (Rangifer tarandus caribou) with Medetomidine-ketamine and Reversal with Atipamezole*. In Proceedings, American Assn of Zoo Veterinarians. Baer, C.K. (ed): 389-393.

Caulkett, N.A., Haigh, J.C. and Cribb, P.H., 1995. *Accuracy of non-invasive monitoring techniques in immobilized deer*. In Proceedings, American College of Vet. Anes., Atlanta, page 38.

Caulkett, N.A., Haigh, J.C. and Cribb, P.H., 1995. *Medetomidine-Ketamine and Carfentanil-xylazine in mule deer and mule deer hybrids*. In Proceedings, American College of Vet. Anes., Atlanta, page 43.

Haigh, J.C., Jonsson, L. and Jonsson, E.M., 1994. *A Conundrum-Biannual Breeding and Antler Cycles in Fallow Deer Maintained at the Arctic Circle*. 3rd International Conference on the Biology of Deer. Edinburgh, Scotland. Aug. 28 - Sept. 3, 1994 (paper presented by JCH).

Smits, J.E.G., Haigh, J.C. and Dowling, P., 1994. *The Pharmacokinetics of LA Tetracycline in Fallow Deer*. 3rd International Conference on the Biology of Deer, Edinburgh, Scotland, Aug. 28 - Sept. 3, 1994 (paper presented by JCH).

Haigh, J.C., 1993. *Low-dose Carfentanil Together with Xylazine in Wapiti*. American Assn. of Zoo Veterinarians, St. Louis, MO, October 1993, page 146.

Haigh, J.C., 1993. *Impact of Disease on Livestock Operations*. In Proceedings, VII World Conference on Animal Production, Edmonton, Alberta, June 1993, pages 257-258.

Haigh, J.C., 1992. *Current Happenings on the North American Deer Farming Scene*. World Deer Congress, February 1992, Lincoln University, New Zealand.

Haigh, J.C., 1992. *Impact of Diseases on Farming Operations*. Abstract. 3rd International Wildlife Ranching Symposium, Pretoria, South Africa, November 1992.

Haigh, J.C., 1992. *The Relationship Between Nutrition and Reproduction on Deer Farms*. In Proceedings, American Association of Zoo Veterinarians, Oakland, California, October.

Haigh, J.C., 1991. *Immobilization of Wapiti with Carfentanil and Xylazine and Opioid Antagonism with Dipresorphine, Naloxone, and Naltrexone*. In Renecker, L.A. and Hudson, R.J. (eds.), *Wildlife Production: Conservation and Sustainable Development*, page 591, AFES misc. pub. 91-6, University of Alaska Fairbanks, Fairbanks, Alaska. (abstract)

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Haigh, J.C. and Bowen, G., 1990. *Artificial Insemination of Red Deer with Frozen/Thawed Wapiti Semen*. Canada West Society for Reproductive Biology, Vancouver, British Columbia.

Schuh, J. and Haigh, J.C., 1989. *Arthrogryphosis in Two Captive Bison*. Proceedings of the Wildlife Disease Association 38th Annual Conference, 33, Corvallis, Oregon.

Haigh, J.C. and Gates, C.G., 1989. *Capture and Reproductive Evaluation of a Free Ranging Herd of Wood Bison*. Proceedings of the Wildlife Disease Association 38th Annual Conference, 33-34, Corvallis, Oregon.

Haigh, J.C. and Shadbolt, M.P., 1984. *Estrus Synchronization and Artificial Insemination of Wapiti*. Proceedings VI 15, Canada West Society for Reproductive Biology.

Haigh, J.C., Stirling, I. and Broughton, E., 1984. *Clinical Experiences with Telazol (R) for Polar Bear Immobilization*. Annual Proceedings of the American Association of Zoo Veterinarians, Louisville, October, 130-131.

Haigh, J.C., Shadbolt, M.P. and Glover, G.J., 1984. *Artificial Insemination of Wapiti (Cervus elaphus)*. Annual Proceedings of the American Association of Zoo Veterinarians, Louisville, Kentucky, October, 173.

Haigh, J.C., 1984. *Artificial Breeding of Captive Wapiti*. Proceedings of the Western States and Provinces Elk Conference and Workshop, Edmonton, April. In press.

Haigh, J.C., 1984. *Deer Farming in New Zealand - Physical Management and Diseases*. Annual Proceedings of the American Association of Zoo Veterinarians, Louisville, October. In press

Glover, G.J. and Haigh, J.C., 1983. *Preventative Health Programme, Clinical Problems and Normal Clinical Values for Musk-Ox*. Proceedings of the 1st International Musk-Ox Symposium, Fairbanks, March.

Haigh, J.C., 1982. *Seasonal Changes in Serum Testosterone, Scrotal Circumference and Sperm Morphology of Wapiti*. Annual Proceedings of the American Association of Zoo Veterinarians, pages 121-126.

Haigh, J.C., Rowsell, H.C. and Hughes, T.I., 1978. *Preliminary Results on Immobilizing Wild, Untrapped Seals with a Narcotic*. International Association for Aquatic Animal Medicine, April.

Haigh, J.C., 1978. *Freeze Dried Rompun and Ketamine for Use in Exotic Species*. Annual Proceedings of the American Association of Zoo Veterinarians, October, Knoxville, Tennessee, pages 21-23.

Haigh, J.C., 1978. *Capture of Woodland Caribou in Canada*. Annual Proceedings of the American Association of Zoo Veterinarians. October, Knoxville, Tennessee, pages 110-115.

Haigh, J.C., 1977. *Capture Myopathy in Elk*. Annual Proceedings of the American Association of Zoo Veterinarians, Honolulu, Hawaii, pages 166-176.

- Haigh, J.C. *An update on CWD*. British Veterinary Deer Society. Leeds, UK. November 2005
- Haigh, J.C. *International Wildlife Work in Uganda and Mongolia: From Lions to Reindeer and beyond*. Royal Veterinary College, London. UK. November 2005
- Haigh, J.C. *International Wildlife Work in Uganda and Mongolia: From Lions to Reindeer and beyond*. Bristol Veterinary College. UK. November 2005.
- Haigh, J.C. *International Wildlife Work in Uganda and Mongolia: From Lions to Reindeer and beyond*. Liverpool Veterinary College. UK. November 2005
- Haigh, J.C. *The Tsaatan of Mongolia and their Reindeer Culture*. Ontario Veterinary College. November 2005
- Haigh, J.C. *International Wildlife Work in Uganda and Mongolia: From Lions to Reindeer and beyond*. Ontario Veterinary College. November 2005
- Haigh, J.C. *International Wildlife Work in Uganda and Mongolia: From Lions to Reindeer and beyond*. Melbourne Veterinary School, Australia. March 2006
- Haigh, J.C., 2004. *Teaching Students in Uganda: The Wildlife/Livestock/Human Web*. Massey University, Palmerston North New Zealand. March 12, 2004.
- Haigh, J.C., 2004. *Wrestling With Rhinos and Other Stories*. Massey University, Palmerston North New Zealand. March 11, 2004.
- Haigh, J.C., 2003. *Wrestling With Rhinos and Other Stories*. Calgary Zoological Society. September 17, 2003.
- Haigh, J.C., 2003. *Bush Meat and Human Wildlife Interactions*. Calgary Zoological Society. September 17, 2003.
- Haigh, J.C., 2002. Saskatoon Public Library. *Wrestling With Rhinos and other African Stories*. December 12, 2002.
- Haigh, J.C., 2002. McNally Robinson Booksellers. Winnipeg, MB. *Reading of Wrestling with Rhinos* at the invitation of the bookstore. December 11, 2002.
- Haigh, J.C., 2002. *Wrestling With Rhinos*. Wisconsin Veterinary School, Madison, Wisconsin. October 11, 2002.
- Haigh, J.C., 2002. *Wrestling With Rhinos*. Minnesota Veterinary School, St. Paul, Minnesota. October 4, 2002.
- Haigh, J.C., 2002. *The History of Deer Farming, with a Special Emphasis on White-tailed Deer*. Saskatchewan White-tailed and Mule Deer Association Meeting. Regina, Saskatchewan, March 16.
- Haigh, J.C., 2002. *CWD in Saskatchewan*. The World Deer Farming Congress III. Austin, Texas, February.
- Berezowski, J., Middleton, D.M., O'Connor, B., Appleyard, G., West, K., Haigh, J., Woodbury, M., Crawford, T., Li, H. and O'Toole, D., 2001. "Epidemiology of a Large Outbreak of Malignant Catarrhal Fever in Bison (*bison bison*) Following Brief Exposure to Sheep at an Auction Sale." American Association of Veterinary Laboratory Diagnosticians Annual Meeting. Hershey Pennsylvania, November 2-5, page 5.

- Berezowski J., Simko, E., Feist, M., Haigh, J. and Woodbury, M., 2001. *"Fat Bison Syndrome": A Report of Fatal Hepatic Lipidosis in Obese, Late Pregnant Bison (bison bison) Cows*. American Association of Veterinary Laboratory Diagnosticians Annual Meeting. Hershey Pennsylvania, November 2-5, page 17.
- Haigh, J.C., 2001. *An Overview of Deer Farming. Wildlife Seminar for Foreign Animal Disease Preparedness, Southeastern Cooperative Wildlife Disease Study*, July 18, University of Georgia, Athens, Georgia.
- Haigh, J.C., 2001. *The World Deer Farming Scene*. Alberta White-tail and Mule Deer Association, April 6-8, Edmonton, Alberta.
- Berezowski, J. and Haigh, J.C., 2001. *Production, Morbidity and Mortality of Farmed White-tailed Deer: Research at the University of Saskatchewan*. Alberta White-tail and Mule Deer Association, April 6-8, Edmonton, Alberta, (Presented by Dr. J. Haigh).
- Haigh, J.C., 2001. *Threats to Wildlife in Africa: Populations, Pestilence, Poaching and Politics*. University at the Library Series, Frances Morrison Library, January 30, Saskatoon, Saskatchewan.
- Berezowski, J., Haigh, J.C. and Woodbury, M., 2000. *Causes of Morbidity and Mortality in Bison: The Results of a Postal Questionnaire to Canadian Bison Producers and a Survey of Diagnostic Pathology Labs in Canada and the Western USA*. Peace Country Bison Association Fall Conference 2000: "The Legend Lives On", October 27, Grande Prairie Inn, Grande Prairie, Alberta.
- Haigh, J.C. and Berezowski, J., 2000. *What Makes Deer Die?* Alberta Whitetail and Mule Deer Producers' Association, April 8, Edmonton, Alberta.
- Haigh, J.C., 1999. *The Deer Industry of North America*. British Deer Farmers Association, November, Edinburgh, Scotland.
- Haigh, J.C., 1999. *The Role of Disease in North American Farmed Deer*. Veterinary Deer Society Annual Meeting, November, Edinburgh, Scotland.
- Haigh, J.C., 1999. *Wild Animals I Have Known – 30 Years as a Wildlife Veterinarian*. University of Glasgow Veterinary School, November, Glasgow, Scotland.
- Haigh, J.C., 1999. *Weaning and Welfare*. 5th Biennial Deer Industry of Australia Conference, September, Albury, Victoria, Australia.
- Haigh, J.C., 1999. *Current Velvetting Issues in North America*. 5th Biennial Deer Industry of Australia Conference, September, Albury, Victoria, Australia.
- Haigh, J.C., 1999. *Management Diseases of Deer*. 5th Biennial Deer Industry of Australia Conference, September, Albury, Victoria, Australia.
- Haigh, J.C., 1999. *Game Ranching in Africa*. Saskatchewan Elk Breeders Association, March 24, Centennial Auditorium, Saskatoon, SK.
- Haigh, J.C., 1999. *The Link between Nutrition and Disease*. Alberta White-Tailed and Mule Deer Association, March 13, Edmonton, AB.
- Haigh, J.C., 1999. *Herd Health: Veterinary Guide for Elk*. Elk Production Seminar - Sask. Ag. & Food Extension Services, January 28, Sands Hotel, Saskatoon, SK.
- Haigh, J.C., 1999. *Wildlife and the Veterinarian*. January 21, Sherborne School, England.

Haigh, J.C., 1999. *Wildlife Utilization - Human Attitudes to Wildlife*. Institute Fur Zoo Und Wildtierforschung, January 16, Berlin.

Haigh, J.C., 1998. *An Introduction to Deer*. Wisconsin Veterinary Medical Association Annual Convention, October 10, Wisconsin, USA.

Haigh, J.C., 1998. *Some Important Diseases of Deer and Their Treatment and Prevention*. Wisconsin Veterinary Medical Association Annual Convention, October 10, Wisconsin, USA.

Haigh, J.C. and Thorliefson, I., 1998. *The Farming of Deer in Canada*. Second World Deer Farming Congress, Limerick, Ireland, pages 27-31.

Haigh, J.C., 1998. *Animal Health*. Second World Deer Farming Congress, Limerick, Ireland, pages 201-209.

Haigh, J.C., 1997. *North American Deer Farmers' Association*, August 22 & 23. MacDonald College Campus, McGill University. Featured speaker at a 2-day seminar and workshop on deer farming. Topics covered: basic introduction to deer biology, practical nutrition, handling, reproduction, calving management.

Haigh, J.C., 1997. Subjects: diseases of deer, reproductive biology of deer, handling of deer North Carolina College of Veterinary Medicine, Raleigh, North Carolina. Three hours of teaching at an extension course for aspiring board certification candidates. American College of Zoological Medicine, July 12-14.

Haigh, J.C., 1997. Four papers as follows: *Physical restraint of game farm animal, Reproductive Management, New developments in Reproductive technology, Emerging diseases Wet Lab on chemical immobilization*. Canadian Veterinary Medical Association Annual Convention, July 10 & 11... Chair, game farming session.

Haigh, J.C., 1997. *The History of Deer Utilization*. Alberta Veterinary Medical Association, April 26-27, Calgary, AB.

Haigh, J.C., 1997. *The Normal Animal, Repro Biology, Repro Behaviour*. Alberta Veterinary Medical Association, April 26-27, Calgary, AB.

Haigh, J.C., 1997. *Nutritional Management of Wapiti*. Alberta Veterinary Medical Association, April 26-27, Calgary, AB.

Haigh, J.C., 1997. *Physical Restraint of Wapiti White-Tailed Deer*. Alberta Veterinary Medical Association, April 26-27, Calgary, AB.

Haigh, J.C., 1997. *Reproductive Management*. Alberta Veterinary Medical Association, April 26-27, Calgary, AB.

Haigh, J.C., 1997. *AI and ET, Pregnancy Dx*. Alberta Veterinary Medical Association, April 26-27, Calgary, AB.

Haigh, J.C., 1997. *Non-infectious Diseases*. Alberta Veterinary Medical Association, April 26-27, Calgary, AB.

Haigh, J.C., 1997. *Viral Disease and Bacterial Diseases*. Alberta Veterinary Medical Association, April 26-27, Calgary, AB.

Haigh, J.C., 1997. *Parasitic and Other Diseases*. Alberta Veterinary Medical Association, April 26-27, Calgary, AB.

Haigh, J.C. and Olsen, C., 1997. *Calving Management* (1.25 hr seminar given twice on consecutive days). North American Elk Breeders Assn. Annual Convention, Edmonton, Feb 28-March 2.

Haigh, J.C., 1996. *The Game Ranching Industry, Ancient and Modern*, Manitoba Veterinary Medical Association, September 13-14.

Haigh, J.C., 1996. *The Normal Animal, Repro Biology and Repro Behaviour*, Manitoba Veterinary Medical Association, September 13-14.

Haigh, J.C., 1996. *Nutritional Management of Wapiti and Bison*, Manitoba Veterinary Medical Association, September 13-14.

Haigh, J.C., 1996. *Physical Restraint of Wapiti and Bison*, Manitoba Veterinary Medical Association, September 13-14.

Haigh, J.C., 1996. *Reproductive Management, Natural*, Manitoba Veterinary Medical Association, September 13-14.

Haigh, J.C., 1996. *AI and ET, Pregnancy Dx*, Manitoba Veterinary Medical Association, September 13-14.

Haigh, J.C., 1996. *Non-infectious Diseases*, Manitoba Veterinary Medical Association, September 13-14.

Haigh, J.C., 1996. *Viral Diseases*, Manitoba Veterinary Medical Association, September 13-14.

Haigh, J.C., 1996. *Other Bacterial Diseases*, Manitoba Veterinary Medical Association, September 13-14.

Haigh, J.C., 1996. *Parasitic and Other Diseases (including CWD)*, Manitoba Veterinary Medical Association, September 13-14.

Haigh, J.C., 1996. *The Role of the Veterinarian in Reproductive Management of Deer and Bison*. Saskatchewan Veterinary Medical Association, September 19.

Haigh, J.C., 1996. *A Herd Health Approach to Specialized Livestock*. Saskatchewan Veterinary Medical Association, September 19.

Haigh, J.C., 1996. *Mystery Cases*. Saskatchewan Veterinary Medical Association, September 19.

Haigh, J.C., 1996. *On-Farm Demonstration of Restraint and Handling Technology and Paddock Management*. Saskatchewan Veterinary Medical Association, September 19.

Haigh, J.C., 1996. *A Herd Health Approach to Deer Farming*. Saskatchewan White-tailed & Mule Deer Producers. 1st Annual Convention, November 2.

Haigh, J.C., 1996. *Deer Domestication Through the Ages*. Sparsholt Agricultural College, Winchester, England, December 2.

Haigh, J.C., 1996. *Diseases of Deer Preventable by Good Management*. Sparsholt Agricultural College, Winchester, England, December 2.

Haigh, J.C., 1996. *Diseases and Parasites of Bison*. Sask. Indian Agricultural Program: Bison Conference. Wanuskewin Heritage Park, Saskatoon. January 22, 1996.

Haigh, J.C., 1996. All day workshop on matters relating to calving of wapiti. Subject included: *Pregnancy Diagnosis, Body Condition Scoring, Hind Management, Parturition, Managing Dystocia, Managing the Neonate, Neonatal Diseases*. Lakeland College, Vermillion, Alberta, May 2.

Haigh, J.C., 1996. *Copper Survey on Wapiti Farms in the Canadian Prairies Important Disease of Farmed Wapiti*. North American Elk Breeders Assoc February 1996.

Haigh, J.C., 1995. *A Herd Health Approach to Cervid Farming*. Alberta Venison Council. November 11, 1995.

Haigh, J.C., 1995. *A Herd Health Approach*. Annual Meeting of the British Deer Farmers Association. Winchester. October 19, 1995.

Haigh, J.C., 1995. Course co-ordinator for a 3-week graduate course on game farming held at WCVM from April 24 - May 12, 1995 inclusive. *Course material given by J.C. Haigh: Introduction to game farming; Fencing, yards and handling of deer species; Chemical restraint, drugs and equipment; Farm visit - mixed fallow deer and wapiti farm; Farm visit - wapiti operation; Farm visit - bison operation; Antler - their uses to animals and humans; Virus diseases; Bacterial diseases other than TB; Parasitic diseases; Non-infectious diseases; Herd health approaches.*

Haigh, J.C., 1995. *The contribution of Game Farming to conservation*: U. of Florida, Gainesville. 1. The herd health approach, February 13th, 1995.

Haigh, J.C., 1995. *The contribution of Game Farming to conservation*: White Oak Plantation, Yulee, Florida. 2. Technical developments, February 14th, 1995.

Haigh, J.C., 1995. *Nutritional Requirements of Fallow and White-tailed Deer; Disease Control with Good Management*; Bearpit (panel), Saskatchewan Game Farmers Association.

Haigh, J.C., 1995. *Workshop on white-tailed and mule deer*. Alberta Venison Council, Smokey Lake, Alberta, 3 talks given: Herd health on deer farms, Nutrition of white-tailed and mule deer, Production and reproduction of deer, February 22nd.

Haigh, J.C., 1994. *Artificial breeding of wapiti*. Alberta Venison Council, Red Deer, Alberta, November 25th, 1994.

Haigh, J.C., 1994. *Diseases and management of white-tailed deer and mule deer*. Venison Council, Red Deer, Alberta, November 26.

Haigh, J.C., 1994. WCVM June conference. *Game & Exotic Species. Part of session on Animals as sources of food*. June 13.

Haigh, J.C., 1994. *Issues of Hybrid Deer in Montana. A Year in the Reproductive Cycle of Wapiti*. Montana Game Breeders Assn., Lewiston, MT, March 25-26.

Haigh, J.C., 1993. Continuing veterinary education: *Three day workshop of game farming, with an emphasis on Cervidae*. St. Hyacinthe Veterinary College November.

Haigh, J.C. 1993. *Issues related to handling and velvet removal*. North American Elk Breeders

Haigh, J.C. 1993. Four 4 consecutive hours on game farming. Topics included: *Handling, Reproductive Biology and Management, Non-infectious Diseases, Infectious Diseases*. Western States Veterinary meeting, Las Vegas

Haigh, J.C. 1993. Chair and organizer of two day session entitled "*The Changing Face of Deer Farming*", June 16-17, WCVN June Conference. Papers presented on: New Developments in AT & ET, A Review of the Animal Welfare Literature, Developments in the West, Diseases Related to Improper Nutrition.

Haigh, J.C., 1993. *Tapping Nature's Diversity*. Introduction to a Session at the World Conference on Animal Production, June, Edmonton.

Haigh, J.C. 1993. *Advanced Herd Health. Workshop on Wapiti Farming*. North American Elk Breeders Association. February. South Padre Island, Texas.

Haigh, J.C. 1992. *The Role of the Veterinarian in Wildlife Medicine*, Kenya Veterinary Association. January.

Haigh, J.C. 1992. *The Enigma of the Polar Bear*. Nepean Hall Students Club, New South Wales, Australia. March.

Haigh, J.C. 1992. *The Veterinarian in Wildlife Medicine - Wild Animals I Have Known*. Sydney Veterinary School, main campus part of Evelyn Williams Visiting Professorship. April.

Haigh, J.C. 1992. Working with Wildlife: The Role of the Veterinarian in Wildlife Medicine. Camden Rotary Club. April

Haigh, J.C. 1991. *The Relationship between Nutrition and Reproduction on Deer Farms*. British Deer Farmers Assn, Annual Meeting, Scarborough, Yorkshire. October.

Haigh, J.C. 1991. *The Role of the Veterinarian in Wildlife Medicine*. Onderstepoort Veterinary College, Onderstepoort, South Africa. December.

Haigh, J.C. 1991. *The Role of the Veterinarian in Wildlife Medicine. The Relationship between Nutrition and Reproduction on Deer Farms*. Helsinki Veterinary College. September.

Haigh, J.C. 1991. *The Potential of Physical Restraint Techniques of Game Farm Animals*, Applied in Zoo Situations. Helsinki Zoo. September.

Haigh, J.C. 1991. *The Role of the Veterinarian in Wildlife Medicine*. Glasgow Veterinary School. October.

Haigh, J.C. 1991. *Copper Deficiency in Wapiti - An Example of a Management Disease*. Alberta Game Growers Workshop. Battle Lake, Alberta. March 19.

Haigh, J.C. 1991. *Designing Fences, Yards and Handling Systems for Game Farms*. 5th Annual Canadian/Saskatchewan Game Farmers Conference. March 22.

Haigh, J.C. 1991. *Artificial Breeding of Wapiti, Deer and Bison*. 5th Annual Canadian/Saskatchewan Game Farmers Conference. March 22.

Haigh, J.C. 1991. *Principles of Handling, and TB Test Site Preparation for Cervids*. Agriculture Canada seminar for veterinarians. March 20.

Haigh, J.C. 1991. *Nutrition and Reproduction*. Ontario Deer Farmers Association. Annual Meeting, Toronto. April

Haigh, J.C. 1991. *Disease Prevention as a Herd Management Tool*. Ontario Deer Farmers Association. Annual Meeting, Toronto. April.

- Haigh, J.C. 1991. *An Introduction to Game Farming*. Michigan Veterinary Conference. January 26.
- Haigh, J.C. 1991. *The Enigma of the Polar Bear*. Michigan State University, Veterinary School Wildlife Club. January 28.
- Haigh, J.C. 1991. *Reproductive Management of Wapiti*. North American Elk Breeders Association. Annual Convention, Kansas City, MO. February 1.
- Haigh, J.C. 1991. *Diseases of Farmed Wapiti, With an Emphasis on Tuberculosis*. North American Elk Breeders Association, Annual Convention, Kansas City, MO. February 2.
- Haigh, J.C. 1990. *Biology of Polar Bears*. Short course for APHIS Inspectors. Chairperson, Dr. W. Medway, University of Pennsylvania, Holiday Inn, Orlando, Florida. September 13.
- Haigh, J.C. 1990. *Immobilization of Bison, Demonstration of Antler Removal, Chemical Restraint of Bison, Reproductive Cycles, Semen Collection and Handling, Pregnancy Checking*. WCVN June Conference
- Haigh, J.C. 1990. *Game farming talks given as follows*: Colorado Elk Breeders Association, April (7 hours).
- Haigh, J.C. 1990. *Saskatchewan Conservation Association Inc.*, March (40 min.), Saskatchewan Game Farmers Association, March (30 min.).
- Haigh, J.C. 1989. *Veterinarians in the Game Farm Industry*. Alternative Ungulate Species at WCVN June meeting, June 14, Saskatoon, Saskatchewan.
- Haigh, J.C. 1989. *Capture Myopathy, Accidental Self-injection of Drugs, Elk Farm Management, Herd Health on Game Farms, Elk Antler Removal, Polling Fallow Deer*. Western States Veterinary Conference, February 21-22, Las Vegas, Nevada.
- Haigh, J.C. 1989. *Game Farming and the Veterinarian*. British Columbia Veterinary Medical Association, British Columbia. January 28.
- Haigh, J.C. 1989. *Disease Prevention and Herd Health on Game Farms, Antler Removal in Fallow Deer*. British Columbia Game Farmers Association, British Columbia. February 11.
- Haigh, J.C. 1988. *Wildlife Restraint as a Management Tool*. Canadian Veterinary Medical Association Convention, July 10-12, Saskatoon, Saskatchewan.
- Haigh, J.C. 1988. 1. *Principles of Restraint*, 2. *Chemical Immobilization - Drugs and Their Properties*, 3. *Drug Administration*, 4. *Human Safety Factors*, 5. *Practical and Demonstration*, Government of N.W.T. Fort Smith, N.W.T. June 2-3.
- Haigh, J.C. 1988. 1. *General Management, Pasture Management and Handling Facilities*, 2. *Preventative Health*, 3. *Antler Harvesting*. Alberta Game Growers Association, Game Farming Symposium. April 14.
- Haigh, J.C. 1988. *An Introduction to Game Farming*. Meadow Lake District Agricultural Extension Seminar. March 25.
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