

MARTIN EALES HUGH-JONES

CURRENT ADDRESS: 536 Kimbro Drive, Baton Rouge, LA 70808, USA

TELEPHONE: Home - (225) 767-6281 **EMAIL:** mehj@vetmed.lsu.edu
Work - (225) 578-5599
FAX - (225) 578-4286

BORN: 15 February 1936
Oxford, England

SS#:

MARITAL STATUS: Married (Deborah Bishop Fairchild)
1 child (Eleanor Felicity)

NATIONALITIES: British; American (naturalized 5/1/96)

RELIGION: RC

DEGREES/DIPLOMAS:

BA	Christ's College, Cambridge University	1957
Vet MB	Christ's College	1960
MA	Christ's College	1963
MPH	Tulane University	1964
PhD	Cambridge University	1979
Member	Royal College of Veterinary Surgeons	1960 -2016
Fellow	American College of Epidemiology	1981 -
Diplomat	European College of Veterinary Public Health	2002-2009
	Retired Diplomat	2009 –
Honorary Fellow	Royal College of Veterinary Surgeons	2016
Fellow Emeritus	American College of Epidemiology	2016

Certificate of Completion, NIH Office of Extramural Research,
“Protecting Human Research Participants”,
Date: 05/15/2012 Certificate Number: 914475

PROFESSIONAL APPOINTMENTS:

- 1962-63 VETERINARY OFFICER I, Department of Agriculture, Canada (Federal Meat Inspector, Calgary, Alberta).
- 1964-65 POSTGRADUATE FELLOW, Department of Parasitology, Tulane Medical School (research on human strongyloidiasis).
- 1965-77 RESEARCH OFFICER, Central Veterinary Laboratory, Ministry of Agriculture, Fisheries and Food, New Haw, Surrey. Ultimate grade, Senior Research Officer (Merit) (various epidemiologic studies and the setting up and management of the Veterinary Investigation Diagnosis Analysis scheme).
- 1973-75 HONORARY MEMBER OF FACULTY, Animal Health Group, Department of Agriculture, University of Reading (on detached duty from CVL to work on alternative socio-economic models of animal disease control).
- 1975-77 FAO REGIONAL EPIZOOTIOLOGIST, Centro Pan-American de Febre Aftosa, Rio de Janeiro, Brazil (on leave of absence from CVL to work on economic and physical losses due to foot-and-mouth disease and related work).
- 1978-2004 PROFESSOR, Department of Pathobiological Sciences, School of Veterinary Medicine, Louisiana State University, Baton Rouge, Louisiana, USA (responsible for the veterinary student courses in Biostatistics and Epidemiology 1978 - 1991 and the graduate Epidemiology program (ditto); now second half of basic graduate epidemiology course and individual lectures to veterinary students; and various research programs).
- 1986-1993 ADJUNCT PROFESSOR, Department of Biostatistics and Epidemiology, School of Public Health and Tropical Medicine, Tulane University Medical Center, New Orleans, Louisiana, USA.
- 1996 - ADJUNCT PROFESSOR, School of Public Health, LSU Health Sciences Center, New Orleans, Louisiana, USA
- 2000 – 2004 MARY LOUISE MARTIN PROFESSOR, School of Veterinary Medicine, Louisiana State University, Baton Rouge, Louisiana, USA
- 2005 - EMERITUS PROFESSOR, Department of Pathobiological Sciences, School of Veterinary Medicine, Louisiana State University, Baton Rouge, Louisiana, USA
- 2005 - EMERITUS PROFESSOR, Department of Environmental Sciences, School of the Coast & Environment, Louisiana State University, Baton Rouge, Louisiana, USA
AND

- 1970-1983 World Meteorological Organisation - Committee for Agricultural Meteorology, Chairman, Joint WMO/FAO Working Group: Weather and Animal Production & Health.
- 1983-1984 National Academy of Science - Subcommittee on Research & Diagnosis of Foreign Animal Diseases, Member.
- 1986-1987 Attached to Department of Arboviral Entomology, Disease Assessment Division, U.S. Army Medical Research Institute of Infectious Diseases, Fort Detrick, Frederick, MD 21701-5011, for 12-month sabbatical leave through Intergovernmental Personnel Act of 1970 to study the remote identification of potential *Amblyomma variegatum* habitat.
- 1991-1995 Chairman, World Health Organisation/Veterinary Public Health Working Group Anthrax: Epidemiology and information.
- 1991-2007 Director, World Health Organization Collaborating Center for Reference and Training in Remote Sensing and Geographic Information Systems for Veterinary Public Health; 1996, renamed Collaborating Center for Remote Sensing and Geographic Information Systems for Public Health. Renewed for four years, January, 2003. 2005-2007 Deputy Director, WHOCC. WHOCC allowed to lapse in 2007.
- 1995- 2004 Coordinator, World Health Organization Working Group on Anthrax Research and Control.
- 1995- Moderator responsible for ProMED-AHEAD of ProMED-mail, a global electronic communication network for awareness of human, animal, and plant infectious disease outbreaks; AHEAD covers all zoonotic and veterinary diseases. Presently ProMED-mail has over 68,000 members worldwide. From 1.1.99 am now Assistant Moderator supporting Tam Garland, Arnon Shimshony, Cristina Ramirez-David, and Pablo Beldomenico, who collectively have succeeded myself as AHEAD moderators, while I moderate anthrax and back up the others when they are off-line..
- 1998- Proposal reviewer, USDA National Research Initiative (NRI) Competitive Grants Program C Animal Health & Well-being Program.
- 1999-2004 Collaborator, City of Baton Rouge, City-Watch Program: Infant Mortality Project. This is to decrease the high infant mortality rate in the city (>1.1%) through the development of epidemiology & GIS capacity for public health workers.
- 2002-2005 Member, Invasive Species Advisory Committee (ISAC) of the National Invasive Species Council (NISC), Washington, DC 20240

TEACHING EXPERIENCE:

DEMONSTRATOR, Medical Entomology, Tulane, 1964.

LECTURER, Principles of Veterinary Epidemiology, Royal Veterinary College, London, 1971.

BULL FELLOW, Ontario Veterinary College, 4 May-14 June 1973.

LECTURER, Veterinary Administration course, Pan American Zoonosis Diseases Center, Buenos Aires, Republica Argentina, September 1976 (courses on Cost-Benefit Analysis and Mathematical Modelling).

VISITING LECTURER, presented course on "Moderna Vigilancia Epidemiologia" at Escola de Veterinaria, Department of Medicina Veterinaria Preventiva, Univ. Federal de Minas Gerais, Belo Horizonte, Brazil, funded by the American Society of Microbiology and the Minas Gerais Ministry of Agriculture. 16-27 November 1992.

PROFESSOR, Department of Epidemiology and Community Health [now Department of Pathobiological Sciences], School of Veterinary Medicine, Louisiana State University, Baton Rouge, Louisiana, USA, January 1978-2004; courses in Biometrics [5122 (2 credits)], Epidemiology [5215 (2), *7301* (4) & *7302* (4)], Project Management [*7307* (2)], and Veterinary Economics [*7308* (2)]. Those courses with catalog numbers in italics were initiated and developed by myself.

MENTOR, DVM/MPH Concurrent Degree Studies, LSU School of Veterinary Medicine and LSUHSC School of Public Health, 2009-

OTHER ACTIVITIES:

CAMBRIDGE MLANJE (NYASALAND) EXPEDITION, 1956

Eight weeks were spent collecting specimens and on ecological studies in the Mlanje Mountains in southern Nyasaland, now Malawi. This collection of peaks (10,000 ft) and plateaux (6,000 ft) is the northernmost limit of the Cape flora of South Africa and has relatively undisturbed plateau, upper slope, rainforest and escarpment biotopes that are very divergent from the surrounding densely populated plain. The botanical specimens were collected by Tim Whitmore and Edward Newman for the Flora Zambesiaca (two new species were described), termites and other entomological specimens by Angus McCrae, and rodents and other small vertebrates by Martin Hugh-Jones. The expedition report was published privately. Whitmore and Newman later obtained their doctorates at Cambridge. McCrae joined the British Overseas Development Agency as an entomologist.

CAMBRIDGE TRANS-AMERICAN EXPEDITION, 1960-61

This involved a 45,000 mile, 16 month drive by long-wheelbase Landrover from Buenos Aires to Ushuaia, Tierra del Fuego, to Fairbanks, Alaska by Mike Andrews (photographer), Andrew Bacon (veterinarian, repatriated from northern Peru because of hepatitis), Martin Hugh-Jones (veterinarian), and Ben Mackworth-Praed (engineer). The major objective was to study the methods of animal husbandry and disease control in Latin America; see publication list for report. An anecdotal account of the expedition was written by Mackworth-Praed and Andrews, "Year with Three Summers" (Cassell, 1964). Andrews revisited the Andes in 1981 and produced a successful three part BBCTV documentary "Flight of the Condor" and book of the same title (Little and Brown, 1982). He became an international and national award-winning documentary director and producer for BBCTV-Horizon. Mackworth-Praed, after working in England, Spain and Saudi Arabia, is managing real estate in London. Bacon following many years as the Senior Veterinary officer in Sabah, and Papua New Guinea, and latterly the Director of the royal dairy in Riyadh, Saudi Arabia; he died in December, 2009. Hugh-Jones' career is described in this document.

In August, 2015, at the invitation of the present owner of our Landrover, Eddy Angel, we joined him & his friends, also Landrover aficionados, in driving from Fairbanks to Dead Horse Camp, Prudhoe Bay, on the Dalton Highway. With the aid of Hilcorp we went with our Landrover to Endicott Island in the Beaufort Sea, thereby completing our original intention of reaching (and now crossing) the Arctic Circle.

PUBLICATIONS

A. Books:

Hugh-Jones, M.E.; Ellis, P.R.; Felton, M.R. 1975.

An Assessment of the Eradication of Bovine Brucellosis in England and Wales.
Study #19, University of Reading, Department of Agriculture & Horticulture.

Hugh-Jones, M.E. (Editor and author of sundry chapters)

"Animal Health and Production at Extremes of Weather." World Meteorological
Organization Technical Note 191, Geneva. 1989.

Hugh-Jones, Martin E., William T. Hubbert, and Harry V. Hagstad. 1995

"Zoonoses: Recognition, Control, and Prevention," 2nd ed., Iowa State University
Press, Ames, Iowa; reprinted April, 2000.

Hugh-Jones, Martin (Editor and author of sundry articles)

Biological disasters of animal origin: the role and preparedness of veterinary and
public health services, *OIE Scientific and Technical Review*, 25 (1), April, 2006

Hugh-Jones, Martin. 2018

"Flocks in your confiding some chapters in a life." The Lisburn Press, 3115 Old
Forge Drive, Baton Rouge, Louisiana 70808. 2018. 411 pp.

Hugh-Jones, Martin. 2021

"Flocks in your confiding some chapters in a life." (Second Edition) The Lisburn
Press, 3115 Old Forge Drive, Baton Rouge, Louisiana 70808. 2021. 439 pp.
Amazon.

B. Book chapters, and reviewed papers:

1 Hugh-Jones, M.E. and A.J. Bacon. 1963.

Report of the Cambridge Trans-American Expedition, 1960-61 on the methods of
animal husbandry and disease control practiced in Argentina, Chile, Bolivia, Peru,
Ecuador, and Colombia. *The Veterinarian* 1:101-102.

2 Hugh-Jones, M.E. and A.J. Bacon. 1963.

Animal Husbandry and Disease Control in Argentina and Chile. Part I of the
Report of the Cambridge Trans-American Expedition. 1960-61. *ibid* 1:103-120.

3 Hugh-Jones, M.E. and A.J. Bacon. 1964.

Animal Husbandry and Disease Control in Bolivia and Peru. Part II of the Report
of the Cambridge Trans-American Expedition. 1960-61. *ibid* 2:39-58.

4 Hugh-Jones, M.E. and A.J. Bacon. 1964.

Animal Husbandry and Disease Control in Ecuador. Part III a of the Report of the Cambridge Trans-American Expedition. 1960-61. *ibid* 2:237-250.

- 5 Hugh-Jones, M.E. and A.J. Bacon. 1964.
The "Augenidos" of South America. Part III b of the Report of the Cambridge Trans-American Expedition. 1960-61. *ibid* 2:251-255.
- 6 Hugh-Jones, M.E. and A.J. Bacon. 1964.
Animal Husbandry and Disease Control in Colombia. Part IV a of the Report of the Cambridge Trans-American Expedition. 1960-61. *ibid* 2:337-345.
- 7 Hugh-Jones, M.E. and A.J. Bacon. 1964.
Criollo Cattle Development in Colombia. Part IV b of the Report of the Cambridge Trans-American Expedition. 1960-61. *ibid* 2:347-352.
- 8 Hugh-Jones, M.E.; Austwick, P.K.C. 1967.
Epidemiological Studies in Bovine Mycotic Abortion I. The effect of climate on incidence. *Vet. Rec.*, Sept. 16, pp. 273-6.
- 9 Hugh-Jones, M.E.; Ivory, D.W.; Loosmore, R.M.; Gibbins, J. 1969.
Veterinary Investigation Diagnosis Analysis. A system of information recording and retrieval for Veterinary Investigation Laboratories in the Ministry of Agriculture, Fisheries & Food. *Vet. Rec.*, 84: 304-7.
- 10 Hobbs, B.C.; Hugh-Jones, M.E. 1969.
Epidemiological Studies on *Salmonella seftenberg* I. Relations between animal foodstuff, animal and human isolations. *J. Hyg., Camb.* 67: 81-8.
- 11 Hugh-Jones, M.E. 1969.
Epidemiological Studies on *Salmonella seftenberg* II. Infections in farm animals. *J. Hyg., Camb.* 67: 89-94.
- 12 Smith, L.P.; Hugh-Jones, M.E. 1969.
The Weather Factor in Foot-and-Mouth Disease Epidemics. *Nature*, 223: 712-5.
- 13 Hugh-Jones, M.E.; Wright, P.B. 1970.
Studies on the 1967/68 Foot-and-Mouth Disease Epidemic. The relation of weather to the spread of disease. *J. Hyg., Camb.* 68: 253-71.
[PMID: 5270205 DOI: 10.1017/S0022172400028722]
- 14 Hugh-Jones, M.E. 1970.
Epidemiologic Studies on the 1967/68 Foot-and-Mouth Disease Epidemic. The possible spread of infection by farm rats (*Rattus norvegicus*). *Br. Vet. J.* 126: 368-71.
- 15 Hugh-Jones, M.E. 1970.

Salmonellosis and VIDA. *Vet. Rec.*, 87:275-6.

- 16 Hugh-Jones, M.E. 1971.
Bovine Abortion and VIDA. *Vet. Rec.*, 89:201-2.
- 17 Hugh-Jones, M.E. 1972.
Epidemiological Studies on the 1967/68 Foot-and-Mouth Disease Epidemic.
Attack rates and cattle density. *Res. Vet. Sci.*, 13: 411-17.
- 18 Hugh-Jones, M.E. 1972.
The Epidemiology of Airborne Animal Diseases. IV International Symposium on
Aerobiology, 4-7 September, Enschede, Holland. Published in: *Airborne
Transmission and Airborne Infection*, Eds. Hers and Winkler, Oosthoek
Publishing Co., Utrecht 1973, pp. 399-404.
- 19 Hugh-Jones, M.E. 1972.
Anomalous Distribution of Bovine Mesothelioma. *Vet. Rec.*, 91: 632.
- 20 Smith, L.P.; Hugh-Jones, M.E.; Jackson, O. 1972.
A Weather Factor in Feline Respiratory Disease. *Vet. Rec.*, 91: 642.
- 21 Hugh-Jones, M.E. 1973.
The uses and limitations of animal Disease Surveillance. *Vet. Rec.*, 92: 11-15.
- 22 Hugh-Jones, M.E.; Allan, W.H.; Dark, F.A.; Harper, G.J. 1973.
The Evidence for the Airborne Spread of Newcastle Disease. *J. Hyg., Camb.* 71:
325-39.
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2130488/pdf/jhyg00080-0111.pdf>
- 23 Hugh-Jones, M.E.; Hussaini, S.N. 1974.
An Outbreak of Anthrax in Berkshire. *Veterinary Record* 94: 228-32.
- 24 Hugh-Jones, M.E. 1974.
"BRUCELLA", A Computer Model of Bovine Brucellosis. International
Symposium on Animal Disease Monitoring. International Symposium on Animal
Disease Monitoring. Ontario Veterinary College, University of Guelph, Ontario,
Canada, July, 1974. Proceedings published as *Animal Disease Monitoring*, Eds.
Ingram, Mitchell & Martin, Charles C. Thomas, Springfield, Illinois, USA, .pp.
102-12.
- 25 Hugh-Jones, M.E. & S.N. Hussaini, 1975.
Anthrax in England and Wales 1963-1972. *Veterinary Record* 97:256-261.
- 26 Hugh-Jones, M.E., R.W.S. Harvey, & J.H. McCoy, 1975
A *Salmonella californica* contamination of a turkey feed concentrate, *British
Veterinary Journal*, 131: 673-680

- 27 Hugh-Jones M.E., Parkin R.S. & Whitney J.C. 1975
The cost of premature death in young rabbits. *Veterinary Record* 96(16): 353-356
- 28 Hugh-Jones, M.E. 1976.
Simulation Spatial Model of the Spread of Foot-and-Mouth Disease Through the Primary Movement of Milk. *J. Hyg., Camb.* 77: 1-9.
- 29 Hugh-Jones, M.E. & R.R. Tinline 1976.
Studies on the 1967-68 Foot-and-Mouth Disease Epidemic: Incubation Period and Herd Serial Interval. *J. Hyg., Camb.* 77: 141-153.
- 30 Hugh-Jones, M.E. 1976.
Studies on the 1967-68 Foot-and-Mouth Disease Epidemic. The Reporting of Suspected Disease. *J. Hyg., Camb.* 77: 299-306.
- 31 Hugh-Jones, M.E. 1976.
Effects of Heat and Cold on Diseases in Sheep. In "Progress in Biometeorology", Ed. H.D. Johnson, Swits & Zeitlinger BV, Amsterdam, pp. 480-86.
- 32 Ellis, P.R. and Hugh-Jones, M.E. 1976
Disease as a limiting factor. In "Beef Cattle Production in developing countries", Ed. A.J. Smith, pp. 105-116, Centre for Trop. Vet. Med., University of Edinburgh.
- 33 Whitney J.C., Blackmore D.K., Townsend G.H. , Parkin R.J., Hugh-Jones M.E., Crossman P.J., Graham-Marr T., Rowland A.C., Festing M.F., & Krzysiak D. 1976
Rabbit mortality survey. *Laboratory Animals* 10(3): 203-207
- 34 Ellis, P.R.; Hugh-Jones, M.E. 1977.
Economics of Infections during Pregnancy in Farm Livestock, in "Infections and Pregnancy", Ed. C.R. Coid, Academic Press, pp. 565-89.
- 35 Moorhouse, P.D.; Hugh-Jones, M.E. 1981.
Serum Banks. *Vet. Bull.* 51(5):277-90.
- 36 Riddle, L.M.; Graham, T.E.; Amborski, R.L.; Hugh-Jones, M.E. 1981.
Production of Hemolysis and Protease by *Aeromonas hydrophila* in a Chemically Defined Medium. *Int. Symp. on Fish Biologics: Serodiagnosis & Vaccines*, Leetown, W. Va., USA, 1981. *Devel. biol. Standard* 49: 125-33.
- 37 Hugh-Jones, M.E. 1981.
A Simple Vaccination Model. *Bull. Off. int. Epiz.* 93:1-8.
- 38 Cawunder, P.; Hugh-Jones, M.E. 1982.

Student Stress: Identification of Causes and of Student Groups Who Are Highly Stressed. *J. Vet. Med. Educ.* 8:94-96.

- 39 Moorhouse, P.D.; Hugh-Jones, M.E.; Barta, O; Swann, A.I. 1982.
Leptospiral and Brucellar Titers in Frozen Bovine Sera after Twenty Years of Storage. *Am. J. Vet. Res.* 43:2031-34.
- 40 Hugh-Jones, M.E.; Kearney, M. 1983.
Student Stress: Identification of Causes and Groups in the Four Years at Veterinary School. *J. Vet. Med. Educ.* 10:6-8.
- 41 Hugh-Jones, M.E.; Kearney, M.; Olascoaga, R. Casas; Nesti, A. 1983.
A preliminary study on stock movements and the incidence of bovine foot and mouth disease in the State of Sao Paulo, Brazil, during 1975 and 1976. *Rev. Sci. Tech. Off. Int. Epiz.* 2(4):1039-1047.
- 42 Reyes Knoke, M.A.; Rice, D.A.; Hugh-Jones, M.E. 1984.
Case Study of Estimation of Prevalence of Bovine Brucellosis in El Salvador. *Prev. Vet. Med.* 2:473-480.
- 43 Hugh-Jones, M.E. 1984.
A Systems Approach to the Economic Assessment of Disease Control and Eradication and a Discussion of Some Control Costs and Benefits. *Prev. Vet. Med.* 2:493-503.
- 44 Enright, F.; Hugh-Jones, M.E. 1984.
The effects of reactor retention on the spread of brucellosis in strain 19 adult vaccinated herds. *Prev. Vet. Med.* 2:505-514.
http://ac.els-cdn.com/0167587784900965/1-s2.0-0167587784900965-main.pdf?_tid=6559cf36-dfe2-11e5-9aef-0000aab0f6c&acdnat=1456860096_ed7f68f816ac7575ca28d0e8bc814bff
- 45 Hugh-Jones, M.E.; Moorhouse, P.; Seger, C.L. 1984.
Serological Study of the Incidence and Prevalence of Antibodies to Bovine Leukemia Virus in Aged Sera. *Can J Comp Med.* 48:422-424.
- 46 Malone, J.B.; Loyacano, A.F.; Hugh-Jones, M.E.; Corkum, K.C. 1984.
A Three-Year Study on Seasonal Transmission and Control of *Fasciola hepatica* of Cattle in Louisiana. *Prev. Vet. Med.* 3:131-141.
- 47 Hugh-Jones, M.E.; Stewart, T.B.; Raby, C.; Morrison, J.E.; Isenstein, R.S. 1985.
Prevalence of trichinosis in southern Louisiana swine. *Am. J. Vet. Res.* 46(2):463-465.
- 48 Hugh-Jones, M.E.; Moorhouse, P.D.; Fulton, R.W. 1985.

Retrospective serological study on bluetongue antibody prevalence in a Louisiana herd. *Trop. Anim. Hlth. Prod.* 17:180-182.

- 49 Turnwald, G.H.; Shires, P.K.; Turk, M.A.M.; Cox, H.U.; Pechman, R.D.; Kearney, M.T.; Hugh-Jones, M.E.; Balsamo, G.A.; Helouin, C.M. 1986.
Diskospondylitis in a kennel of dogs: Clinopathologic findings. *Journal of the American Veterinary Medical Association.* 188(2):178-183.
- 50 Hugh-Jones, M.E.; Broussard, J.J.; Stewart, T.B.; Raby, C.; Morrison, J.E. 1986.
Prevalence of *Toxoplasma gondii* antibodies in southern Louisiana swine in 1980 and 1981. *American Journal of Veterinary Research,* 47(5):1050-1051.
- 51 Hugh-Jones, M.E.; Broussard, J.J.; Stewart, T.B.; Raby, C.; Morrison, J.E.: 1986.
Prevalence of *Toxoplasma gondii* antibodies in southern Louisiana swine. *International Journal of Zoonoses.* 13:25-31.
- 52 Hugh-Jones, M.E. 1986
A Mathematical Model of Antigenic Drift. *Mathematical Modelling.* 7:765-775.
- 53 Truman, R.W.; Shannon, E.J.; Hagstad, H.V.; Hugh-Jones, M.E.; Wolf, A.; Hastings, R.C. 1986.
Evaluation of the origin of *Mycobacterium leprae* infections in the wild armadillo, *Dasyus novemcinctus*. *American Journal of Tropical Medicine.* 35:588-593.
- 54 Olcott, B.M.; Strain, G.M.; Hugh-Jones, M.E.; Aldridge, B.M.; Cho, D.Y.; Kim, H.N. 1986.
Suckling problem calves: Definition, clinical and pathological findings. *Proceedings World Congress Diseases of Cattle.* 14:1201-1206.
- 55 Stallknecht, D.E.; Truman, R.W.; Hugh-Jones, M.E.; Job, C.K. 1987.
Surveillance for naturally acquired leprosy in a nine-banded armadillo population. *Journal of Wildlife Diseases.* 23:308-310.
- 56 Sang, F.C.; Hugh-Jones, M.E.; Hagstad, H.V. 1987.
A Research Note: Viability of *Vibrio cholerae* 01 on Frog Legs under Frozen and Refrigerated Conditions and Low Dose Radiation Treatment. *Journal of Food Protection,* 50:662-664.
- 57 Gifford, D.H.; Shane, S.M.; Hugh-Jones, M.E.; Weigler, B.J. 1987.
Evaluation of biosecurity in broiler breeders. *Avian Diseases.* 31:339-344.
- 58 McGinnis, B.; Zingesser, J.; Grant, G.; Hugh-Jones, M.E. 1988.
Bovine anaplasmosis in Jamaica. *Tropical Animal Health & Production.* 20:42-44.
- 59 Hugh-Jones, M.E.; Busch, D.; Raby, C.; Jones, F. 1988.

Seroprevalence Survey for *Anaplasma* Card-test Reactors in Louisiana, U.S.A., Cattle. *Preventive Veterinary Medicine*. 6:143-153.

- 60 Hugh-Jones, M.E.; Scotland, K.; Applewhaite, L.M.; and Alexander, F.M. 1988. Seroprevalence of anaplasmosis and babesiosis in livestock on St. Lucia, 1983. Short Communication. *Tropical Animal Health & Production*. 20:137-139.
- 61 Kim, Hak-Nam, M. Hugh-Jones, B.M. Olcott, G.M. Strain. 1988. Early recognition of the Dummy Calf Syndrome in neonatal beef calves. *Agri-Practice*, May/June. 9(3): 23-29.
- 62 Hugh-Jones, M.E.; Hubbert, W. 1988. Seroconversion rates to bovine leukosis virus, bluetongue virus, *Leptospira hardjo*, and *Anaplasma marginale* infections in a random series of Louisiana beef cattle. *Acta veterinaria Scandinavia*. 84:107-109.
- 63 Samui, K.; Hugh-Jones, M.E. 1988. The prevalence of bovine dermatophilosis in Zambia. *Acta veterinaria Scandinavia Suppl.* 84:98-100.
- 64 Hugh-Jones, M.E.; Barre, N.; Nelson, G.; Wheyness, C.; Warner, J.; Garris, G.; Hubbert, W. 1988. Remote recognition of *Amblyomma variegatum* habitats in Guadeloupe using LANDSAT-TM imagery. *Acta veterinaria Scandinavia. Suppl.* 84:259-261.
- 65 Samui, K.L.; Hugh-Jones, M.E. 1988. The financial impact of bovine dermatophilosis in Zambia. *Acta veterinaria Scandinavia. Suppl.* 84:369-370.
- 66 Johnachan, P.M.; Smith, G.S.; Grant, G.; Hugh-Jones, M.E. 1988. A serological survey for leptospiral antibodies in goats in St. Elizabeth Parish, Jamaica, 1985-86. *Tropical Veterinarian* 6:6-12.
- 67 Hugh-Jones, M.E.; Taylor, W.P.; Jones, F.; Luther, G.; Miller, J.; Karns, P.; Hoyt, P. 1989. Serologic observations on the epidemiology of bluetongue infections in Louisiana cattle. *Preventive Veterinary Medicine*. 7:11-18.
- 68 Hugh-Jones, M. 1989. Applications of Remote Sensing to the Identification of the Habitats of Parasites and Disease Vectors. *Parasitology Today*. 5(8):244-251.
http://ac.els-cdn.com/0169475889902561/1-s2.0-0169475889902561-main.pdf?_tid=0cd270ac-ccd8-11e4-9d39-0000aacb361&acdnat=1426619082_9885c3847f1f57854fb0f00047c01c93

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Seroprevalence of anaplasmosis in the Red River Plains and South-east areas of Louisiana. *Veterinary Research Communications*. 13(4):287-296.
- 70 Morley, R.S.; Hugh-Jones, M.E. 1989.
Incidence of clinical anaplasmosis in cattle in the Red River Plains and South-east areas of Louisiana. *Veterinary Research Communications*. 13(4):297-305.
- 71 Morley, R.S., and M.E. Hugh-Jones. 1989.
Seroepidemiology of *Anaplasma marginale* in white-tailed deer (*Odocoileus virginianus*) for Louisiana. *Journal of Wildlife Diseases*. 15(3):342-246.
- 72 Morley, R.S., and M.E. Hugh-Jones. 1989.
Effect of management and ecological factors on the epidemiology of anaplasmosis in the Red River plains and southeast areas of Louisiana. *Veterinary Research Communications*. 12:359-369.
- 73 Morley, R.S., and M.E. Hugh-Jones. 1989.
Cost of anaplasmosis in the Red River plains and southeast areas of Louisiana. *Veterinary Research Communications*. 13:349-358.
- 74 McGinnis, B., G. Grant, M.E. Hugh-Jones, and G. Wagner. 1989.
Bovine *Babesia bigemina* seroreactors in Jamaica. Short Communication, *Tropical Animal Health and Production*. 21:227-228.
- 75 Samui, K.L., and M.E. Hugh-Jones. 1990.
The epidemiology of bovine dermatophilosis in Zambia. *Veterinary Research Communications*. 14:267-278.
- 76 Johnachan, P.M., G.S. Smith, G. Grant, and M.E. Hugh-Jones. 1990.
Serological survey for leptospiral antibodies in goats in St. Elizabeth Parish, Jamaica, 1985-86. *Tropical Animal Health & Production*. 22:171-177.
- 77 Samui, K.L., and M.E. Hugh-Jones. 1990.
The financial and production impacts of bovine dermatophilosis in Zambia. *Veterinary Research Communications*. 14:357-365.
- 78 Zingeser, J., Y. Daye, V. Lopez, G. Grant, L. Bryan, M. Kearney, and M.E. Hugh-Jones. 1991.
National survey of clinical and subclinical mastitis in Jamaican dairy herds, 1985-1986. *Tropical Animal Health & Production* 23:2-10.
- 79 Hugh-Jones, M.E., P.C.B. Turnbull, M.N. Jones, R.A. Hutson, C.P. Quinn, J.M. Kramer. 1991
Re-examination of the mineral supplement associated with a 1972 anthrax outbreak. *Veterinary Record*. 128:615-616.

- 80 Hugh-Jones M. 1991
Introductory remarks on the application of remote sensing and geographic information systems to epidemiology and disease control. *Preventive Veterinary Medicine*, 11 (3-4): 159-161
- 81 Hugh-Jones, M.E. 1991
The remote recognition of tick habitats. *Journal of Agricultural Entomology*. 8(4):309-315.
- 82 Hugh-Jones, M.E. 1991
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ACCEPTED PUBLICATIONS NOT YET PUBLISHED

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ARTISTIC OR CREATIVE CONTRIBUTIONS

Video Presentations (*Spanish and Portuguese versions are also available.*):

- (1) Hugh-Jones, M.E., J. Hill, and P. Ledford.
"Remote Sensing of Biological Habitats". 1982.
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16th International Exhibition on Animals in Art, 22 March - 20 April, 2003, Honorable
Mention, photograph. "My father, going blind, and Mouser"

PRESENTATIONS:

1. Vth International Biometeorological Congress, Montreux, Switzerland, 31 August - 6 September, 1969

“The relationship of weather to the spread of foot-&-mouth disease”,
Martin Hugh-Jones
2. Ecological Systems Approaches to Arobiology, I. Identification of Component Analysis and Their Functional Relationships, Kansas State University, Manhattan Kansas, 6-8 January, 1972

“The weather factors in fowl pest and foot and mouth disease epizootics”,
Martin Hugh-Jones
3. First Meeting of the PAHO Scientific Advisory Committee on Dengue, Yellow Fever & *Aedes aegypti*, Panama City, R. Panama, 22-26 March 1976.

"Cost-Benefit Studies in Relation to Vaccination and Immunization Programmes" Martin Hugh-Jones
4. Veterinary Preventive Medicine and Epidemiology Work Conference, National Veterinary Services Laboratories, Ames, Iowa, 27-29 June 1978.

"Mathematical Models of Animal Disease" Martin Hugh-Jones
5. International Symposia on Veterinary Epidemiology and Economics, ISVEE 1 New Techniques in Veterinary Epidemiology & Economics, Proceedings of a Symposium, University of Reading, England, July 1976

“An assessment of the eradication of bovine brucellosis in England & Wales” ME Hugh-Jones, PR Ellis, MR Felton

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7. FAO Seminar on Veterinary Data Base Improvement and Economics of Disease Control, Rome, Italy, 4-8 September 1978.

"The Kenya Veterinary Service and Animal Disease Surveillance Needs"
Martin Hugh-Jones
8. Computer Modeling and Disease Simulation section of American Public Health Association Annual Meeting, Los Angeles, California, 15-19 October 1978

"Introduction to Disease Modeling and Simulation"
Martin Hugh-Jones (& Session Chairman)

9. Second International Symposium on Veterinary Epidemiology and Economics, Canberra, Australia, 7-11 May 1979.

"Some Effects of Foot-and-Mouth Disease on Cattle Production in Brazilian Beef and Dairy Herds" Martin Hugh-Jones

10. FAO Seminar on Veterinary Epidemiology, Disease Surveillance and Economics of Disease Control, Denpasar, Bali, Indonesia, 17-21 September 1979 (Group Chairman).

"Real Needs in Measuring Disease Loss, Disease Control, and Training of Government Veterinarians" Martin Hugh-Jones

11. Veterinary Preventive Medicine & Epidemiology Work Conference, Ft. Worth Training Center, Fort Worth, Texas, 4-6 February 1980.

"What is Being Taught About the Economic Aspects of Veterinary Preventive Medicine" Martin Hugh-Jones

12. Tuskegee Institute Conference on the Role of the U.S. Universities in International Rural & Agricultural Development, Tuskegee University, 16-18 April 1980.

"Trends in the Development of Veterinary Services in Developing Nations"
Martin Hugh-Jones

13. AVMA Annual Conference, Washington, DC, 24 July 1980.

"Nosocomial Disease in the Surgical Unit of a Veterinary School"
Martin Hugh-Jones

14. Tick Technical Meeting, United States-Mexico, College Station, Texas A&M, 4-5 March 1981.

"Remote Sensing--A Possible Tool for Monitoring and Managing Tick Population" Martin Hugh-Jones

15. III International Symposium on Veterinary Epidemiology & Economics, Arlington, Virginia, 6-10 September 1982.

"Surveillance for Respiratory Disease in Louisiana Beef Herds"
Martin Hugh-Jones

"The Results from Testing Bovine Sera Stored at -18EC to -30EC for Twenty Years, with Lessons for Future Serum Banks"

P.D. Moorhouse & M. Hugh-Jones

"A Serological Survey of Brucellosis in El Salvador"

M. Reyes Knoke, D.A. Rice & M. Hugh-Jones

18. International Conference. on the Impact of Diseases on Livestock Production in the Tropics, Kissimee, Florida, 3-5 May 1983.

"A Suggested Database for the Economic Assessment of Disease Control and Eradication" Martin Hugh-Jones

Presentations at meetings of the Animal Disease Research Workers in the Southern States: 1980 -1988

19. 34th Annual Meeting, Oklahoma State University, Stillwater, Oklahoma, 13-14 March 1980.

"*Vibrio cholerae* Contamination of *Rana catesbiana*" M. Hugh-Jones

"Detection and Characterization of Lymphocyte Antigens in the Horse"

J.J. McClure, G. Slimp, J.R. McClure, C.J. Issel & M. Hugh-Jones

21. 35th Annual Meeting, University of Georgia, Athens, Georgia, 25-26 March 1981.

"Epidemiologic Studies Using Twenty Year Old Frozen Bovine Sera"

M. Hugh-Jones & P.D. Moorhouse

"Relation of Soil Temperature and Moisture Content to Seasonal Transmission of Fascioliasis in Central Louisiana"

M. Van Brackle, J.B. Malone, M. Hugh-Jones & A. Loyacano

23. 36th Annual Meeting, Louisiana State University, Baton Rouge, Louisiana, 6-7 April 1982.

"Bovine Respiratory Disease Surveillance Program for Louisiana Beef Herds" M. Hugh-Jones & R.W. Fulton

"A Survey for Trichinosis in Louisiana Pig Herds"

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25. 37th Annual Meeting, Auburn University, Auburn, Alabama, 22-23 March 1983.
"Preparation of Sera for a Serum Bank" M. Hugh-Jones
- 26 International Conference on Impact of Diseases on Livestock Production in the Tropics, Kissimmee, Florida, 9-13 May, 1983
"Case study of estimation of prevalence of brucellosis in El Salvador"
M.A. Reyes Knoke, D.A. Rice, & M.E. Hugh-Jones
"A systems approach to the economic assessment of disease control and eradication and a discussion of some control costs and benefits."
M.E. Hugh-Jones
Effects of reactor retention on the spread of brucellosis in strain 19 adult vaccinated herds." F.N. Enright & M.E. Hugh-Jones
29. 38th Annual Meeting, University of Arkansas, Fayetteville, Arkansas, 20-21 March, 1984.
"Sero prevalence of bovine anaplasmosis in Louisiana"
M.E. Hugh-Jones and D. Busch
"Detection of IgM stain antibodies in armadillos to be phenolicglycolipid - I antigen of *M. leprae*.
R.W. Truman, E.J. Shannon, M.E. Hugh-Jones, H.V. Hagstad, R.C. Hastings
31. 39th Annual Meeting, University of Georgia, Athens, Georgia, 25-27 March 1985.
"Dummy Calves and Other Nursing Disorders. (1) Definition, Clinical and Pathological Findings"
B.M. Olcott, G.M. Strain, D.Y. Cho, M.S. Claxton, M.E. Hugh-Jones
"Dummy Calves and Other Nursing Disorders. (2) Electrodiagnostic and Neurophysiologic Studies"
G.M. Strain, B.M. Olcott, M.E. Hugh-Jones
"Dummy Calves and Other Nursing Disorders. (3) Epidemiologic Observations"
M.E. Hugh-Jones, B.M. Olcott, G.M. Strain, H.N. Kim, R. Godke
34. 40th Annual Meeting, University of Florida, Gainesville, Florida, 24-25 March, 1986.

- "Bluetongue infections in Louisiana Cattle."
M.E. Hugh-Jones, W.P. Taylor, F. Jones, G. Luther, J. Miller, P. Karns,
and P. Hoyt
35. 42nd Annual Meeting, Louisiana State University, Baton Rouge, Louisiana, 27-29
March, 1988.
- "Seroconversion rates to BLV, BTV, *Leptospira hardjo*, and *Anaplasma*
infections in a random series of Louisiana beef cattle." M.E. Hugh-Jones
- "Recognition of *Amblyomma variegatum* habitats in Guadeloupe using
Landsat-TM Imagery." M.E. Hugh-Jones
37. Second Symposium on Computer Applications in Veterinary Medicine,
Starkville, Mississippi, 22-25 May 1984:
- A mathematical model of genetic drift in a virus population..
Hugh-Jones, M.E.
- Surveillance of Antibiotic Resistance.
Bell, J. & Hugh-Jones, M.E.
- Louisiana Veterinary Medical Diagnostic Laboratory Database System.
Erwin, M.; England, J.J.; Hugh-Jones, M.E.
- 40 4th International Symposium on Veterinary Epidemiology and Economics,
Singapore, 18-22 November, 1985.
- "The epidemiological uses of remote sensing and satellites."
M.E. Hugh-Jones and P. O'Neil
- "Utilization of a working serum bank." M.E. Hugh-Jones
42. XXIII World Veterinary Congress, Montreal, 16-21 August, 1987.
- "The epidemiological uses of remote sensing and satellites."
M.E. Hugh-Jones
43. Louisiana Academy of Sciences, Baton Rouge, Louisiana, 4-6 February, 1988.
- "Dummy Calf Syndrome: the lack of suckling ability in newborn beef
calves."
Kim, Hak-Nam, M. Hugh-Jones, B.M. Olcott, G.M. Strain, R.A. Godke.
44. V International Symposium on Veterinary Epidemiology and Economics,
Copenhagen, Denmark, 25-29 July, 1988.

"Seroconversion rates to bovine leukosis virus, bluetongue virus, *Leptospira hardjo*, and *Anaplasma marginale* infections in a random series of Louisiana beef cattle."
M.E. Hugh-Jones, W. Hubbert.

"The prevalence of bovine dermatophilosis in Zambia."
K.L. Samui & M.E. Hugh-Jones.

"The financial impact of bovine dermatophilosis in Zambia."
K.L. Samui & M.E. Hugh-Jones.

"Remote recognition of *Amblyomma variegatum* habitats in Guadeloupe using LANDSAT-TM imagery." M.E. Hugh-Jones, N. Barre, G. Nelson, C. Wheyness, J. Warner, G. Garris, W. Hubbert.

48. Entomological Society of America, Louisville, Kentucky, 4-8 December, 1988.

Poster "Identification of *Amblyomma variegatum* habitat in Guadeloupe using Landsat-TM imagery." M.E. Hugh-Jones, N. Barre, G. Nelson, G. Garris.

49. International Workshop on Anthrax, Winchester, England, 11-13 April, 1989.

"Global trends in the incidence of Anthrax in livestock."
M.E. Hugh-Jones.

50. Seventh International Conference on Production Disease in Farm Animals, Cornell University, Ithaca, New York, 25-27 July, 1989.

"Suckling problem calves: some epidemiologic observations."
M.E. Hugh-Jones, H-N. Kim, R.A. Godke, B.M. Olcott, G.M. Strain, D-Y. Cho.

51. Joint Meeting of the Louisiana Mosquito Control Association and the Texas Mosquito Control Association, Shreveport, Louisiana, 17-19 October, 1989.

"A proposed rapid response system for equine encephalitis."
M.E. Hugh-Jones.

52. Entomological Society of America National Meeting, San Antonio, Texas, 10-14 December, 1989.

"Application of satellite images (remote sensing) in modelling distribution and population dynamics of ticks and tick-borne diseases."
M.E. Hugh-Jones.

53. Ames Research Center, National Aeronautics and Space Administration, Moffett Field, California 94035, 02 February, 1990. Invited seminar.
- "LANDSAT-TM identification of the habitats of the cattle tick, *Amblyomma variegatum*, in Guadeloupe, F.W.I." M.E. Hugh-Jones.
54. American Mosquito Control Association Annual Meeting, Lexington, Kentucky, 1-5 April, 1990.
- "The future for remote sensing in mosquito surveillance and epidemiology." M.E. Hugh-Jones.
55. International Conference on the Application of Remote Sensing to Epidemiology and Parasitology, Baton Rouge, Louisiana, USA, 6-7 June, 1990.
- Poster - "Identification of *Amblyomma* variegation habitat in Guadeloupe using LANDSAT-TM imagery." M.E. Hugh-Jones, N. Barre, C. Wehren, J. Warner, J. Garvin, G. Nelson, G. Garris.
56. American Meteorology Society, Central Louisiana Chapter, Baton Rouge, Louisiana, 13 September 1990.
- "Animal health and weather." M.E. Hugh-Jones.
57. Animal Disease Research Workers in Southern States Southern Conference on Avian Diseases and Southern Conference on Animal Parasites, Auburn, Alabama, 24-26 March, 1991.
- "Applications of Remote Sensing and Geographic Information Systems to Epidemiology and Igor Piskun's Rule." M.E. Hugh-Jones.
- "Anthrax: An eradicable zoonosis?" M.E. Hugh-Jones.
59. VI International Symposium on Veterinary Epidemiology and Economics, Ottawa, Canada, 16 August, 1991.
- "Remote Sensing and Geographic Information Systems, Epidemiology and Igor Piskun's Rule." M.E. Hugh-Jones.
- Poster - "Anthrax, an eradicable zoonosis?" M.E. Hugh-Jones.
- Poster - "The development of a new USDA residue surveillance program." Tari P. Kindred and Martin E. Hugh-Jones.

62. INTECOL's IV International Wetlands Conference. Columbus 1992, 13-17 September, 1992, Columbus, Ohio.
- "Remote Sensing, Wetlands, and Health." M.E. Hugh-Jones.
63. II Congresso Nacional De Medicina Veterinaria, Panama, 8-10 October 1992, Panama, Republic of Panama.
- "Veterinary Applications of remote sensing and geographic information systems of veterinary epidemiology." Martin Hugh-Jones
64. Seminar. Pan American Foot-and-Mouth Disease Centre, PAHO, Rio de Janeiro, Brasil, 3 November 1992.
- "Remote Sensing and Veterinary Epidemiology" Martin Hugh-Jones
65. 59th Annual Meeting American Mosquito Control Association, Fort Myers, Florida, 19-21 April 1993.
- "EEE in Louisiana." M.E. Hugh-Jones and Kenny Samui.
66. 1^o Seminario Nacional Sobre Tuberculosa Bovina. Escola de Veterinaria da UFMG, Belo Horizonte, Brasil, 10-12 August, 1993.
- "Pesquisa sobre avaliacao da eficacia do tratamento da tuberculose bovina." Martin Hugh-Jones
67. First World Congress on Computational Medicine, Public Health and Biotechnology, Austin, Texas, 24-28 April 1994.
- "Modelling Animal Disease." M. E. Hugh-Jones, Session Chairman.
68. WHO Consultation on Development and Application of Geographic Methods in the Epidemiology of Zoonoses, Federal Research Centre for Virus Diseases of Animals, Institute of Epidemiology, Wusterhausen, Germany, 30 May - 2 June 1994.
- "Remote sensing and geographic information systems for the identification of tick habitats." M. E. Hugh-Jones.
69. International Association of Milk, Food and Environmental Sanitarians Inc. Annual Meeting, San Antonio, Texas, 31 July - 3 August 1994.
- "Human and armadillo leprosy in the southern United States." Martin Hugh-Jones and Richard Truman.

70. Biological and Toxin Weapons Research, Developments and Use 1925-45: Lessons for the Future, XVth Kuhlungsborn Colloquium, Insel Vilm, Germany, 12-16 October, 1994.
- "German bacteriological and related chemical warfare activities, 1923-39."
Martin Hugh-Jones
71. PAHO Working Group on Prevention, Control, and Eradication of Brucellosis in Latin America and the Caribbean, INPAZ, Buenos Aires, 14-16 November, 1994.
- "Vigilancia Epidemiologica continental y nacional de la brucellosis bovina." Martin Hugh-Jones
72. IX Inter-American Meeting at the Ministerial Level on Animal Health (RIMSA IX), PAHO, Washington, DC, 25-27 April, 1995. Presented in Plenary Session (RIMSA9/9) the report of the "Meeting of the Working Group on the Prevention, Control, and Eradication of Brucellosis in Latin America and the Caribbean."
Martin Hugh-Jones
73. International Workshop on Anthrax, Winchester, England, 19-21 September, 1995.
- "World situation 1993-1994." Martin Hugh-Jones
74. American Association for the Advancement of Science, Annual Meeting. Baltimore, Maryland, 12-13 February, 1996.
- "GIS mapping of expected *Vibrio vulnificus* levels in Souther Louisiana oysterbays." M. Hugh-Jones, K. Wilson, and S. Scheffler.
75. Society for Veterinary Epidemiology and Preventive Medicine, Annual Conference, Glasgow, Scotland, 27-29 March, 1996.
- "GIS mapping of expected *Vibrio vulnificus* levels in Souther Louisiana oysterbays." M. Hugh-Jones, K. Wilson, and S. Scheffler.
76. XIIth Annual Louisiana Remote Sensing and Geographic Information Systems Workshop, Lafayette, LA, 16-18 April, 1996.
- "GIS mapping of expected *Vibrio vulnificus* levels in Southern Louisiana oysterbays." M. Hugh-Jones, K. Wilson, and S. Scheffler.
77. Wildlife Diseases Association, annual meeting 1997, Symposium on Wildlife Disease Surveillance, St. Petersburg, Florida, 12 August, 1997.
- "ProMED AHEAD and global awareness of wildlife diseases."

Martin Hugh-Jones

78. ISVEE, Paris, France, 8-11 July, 1997
"Chromosomal genetic markers of *Bacillus anthracis* and related epidemiology."
M.E. Hugh-Jones, P. Jackson, P. Keim, A. Khalif, & K. Smith
79. International Disaster Conference, Havana, Cuba, March 18-20, 1998
"Application of GIS & Remote Sensing in natural emergencies involving livestock." M.E. Hugh-Jones
80. 51st Annual Meeting of the Animal Disease Research Workers in Southern States, LSU, Baton Rouge, 22-24 March, 1998
"Chromosomal genetic markers of *Bacillus anthracis* and related epidemiology." Martin Hugh-Jones
81. 48th Annual Southeast Conference on Diseases in Nature Transmissible to Man, College Station, Texas, 3-4 June, 1998
"Chromosomal genetic markers of *Bacillus anthracis* and related epidemiology." Martin Hugh-Jones
82. A.R.C. - Onderstepoort, O.I.E. International Congress with W.H.O. - Cosponsorship on Anthrax, Brucellosis, CBPP, Clostridial & Mycobacterial Diseases, Kruger National Park, South Africa, 9-15 August, 1998.
"Mes- and macro-ecology of anthrax in Southern Africa: origin and environment."
Kimothy Smith, Valerian de Vos, Helena Bryden, Paul Keim, M.E. Hugh-Jones
83. IIIrd International Anthrax Conference, Plymouth, England, 7-10 September, 1998
"Global anthrax report." M.E. Hugh-Jones
"Molecular diversity in *B. anthracis*." Paul Keim, et al
"Mes- and macro-ecology of anthrax in Southern Africa: origin and environment." Kimothy Smith, Valerian de Vos, Helena Bryden, Paul Keim, M.E. Hugh-Jones
86. NATO-Advanced Research Workshop, Prague, Czech Republic, 18-22 October, 1998

"Distinguishing natural and unnatural outbreaks of animal diseases."
Martin Hugh-Jones

87. Louisiana Mosquito Control Association, Lafayette, 26-28 October, 1998
"Anthrax in cattle." Martin Hugh-Jones & Kimothy Smith
88. WHO - Future trends in Veterinary Public Health, Teramo, Italy, 1-5 March, 1999
"Future developments in information technology and availability in relation to Veterinary Public Health." Martin Hugh-Jones, Frederick Angulo, Ottorino Cosivi, & Randy Crom
"Increased trends in population growth, international travel and urbanisation, climatic and other environmental changes and their implications in Veterinary Public Health ." Martin Hugh-Jones, Adriano Mantovani, & Carlos de Souza Mierelles
90. Indications and warning of biological warfare use by terrorists: Workshop IV C Working with the Public Health Sector, MitreTek, McLean, VA, 12 April, 1999
"ProMED-mail and the Internet" Martin Hugh-Jones
91. NATO - Advanced Research Workshop, Bucharest, Romania, 3-5 June, 1999
"Animal disease reports" Martin Hugh-Jones
92. Society for Tropical Veterinary Medicine, 5th Biennial Conference, >Tropical diseases: Control and prevention in the context of "The New World Order=", Key West, FL, June 12-16, 1999
"What and how we communicate" Martin Hugh-Jones (keynote address)
93. Second International Workshop on the Molecular Biology of *Bacillus cereus*, *Bacillus anthracis* and *Bacillus thuringensis*, Taos, New Mexico, August 11-13, 1999
"Molecular diversity in *B. Anthracis*" L.B. Price, A.M. Klevytska, K.L. Smith, M. Hugh-Jones, J.M. Schupp, K. Hill, G. Zinser, R. Okinaka, D.M. Adair, P. Jackson, and P. Keim.
94. Topics in Emerging Infectious Disease, Tufts University School of Veterinary Medicine, New Grafton, MA, Saturday, March 25, 2000

- “Global Anthrax Surveillance.” Martin Hugh-Jones
95. Diseases in Nature, Texas Department of Public Health, San Antonio, TX, 28-30 March, 2000
- “Molecular Epidemiology of Anthrax.” Martin Hugh-Jones
96. Annual Conference of the Louisiana Public Health Association, Lafayette, 26-28 April, 2000
- “Public Health Aspects of Anthrax.” Martin Hugh-Jones
97. III Annual Meeting of the Gulf Coast Tropical Medicine Association, Baton Rouge, 9-10 June, 2000
- “Anthrax epidemiology . ” Martin Hugh-Jones
98. 55th Annual International Northwestern Conference on Diseases in Nature Communicable to Man, Fort Collins, Colorado, USA, August, 2000
- “Epidemiological applications of *Bacillus anthracis* multi-locus VNTR analysis” K. Smith, C. Keyes, M. Hugh-Jones, P. Keim
- “Evolutionary and epidemiological relationships in *Bacillus anthracis*”, G. Zinser, L. Price, A. Klevytska, K. Smith, J. Schupp, R. Okinaka, P. Jackson, M. Hugh-Jones, P. Keim
100. IX International Symposium of Veterinary Epidemiology & Economics, Breckenridge, 6-11 August, 2000
- “Markov-chain model simulation of *Mycobacterium leprae* infection in nine-banded armadillos . ” D.T. Scholl, R.W. Truman, & M.E. Hugh-Jones
- “ProMED . ” M. Hugh-Jones, T. Garland & P. Cowen
[and poster]
- “Chromosomal genetic markers of *Bacillus anthracis* and related epidemiology . ” M. Hugh-Jones, P. Keim, K. Smith & P. Coker
102. “Agro-terrorism: What is the threat?”, Peace Studies Program, Cornell University, Ithaca, NY, 12-13 November, 2000
- “Mission: Strategies of an agroterrorist . ” Martin Hugh-Jones

104. Anthrax Workshop, University of Alberta, Edmonton, AB, Canada, 24 November, 2000

"Anthrax in wildlife ." Martin Hugh-Jones
105. Bioterrorism: Public Health Emergency & National Security Threat, The 2nd National Symposium on Medical & Public Health Response, Washington, DC, 28-29 November, 2000.

"Global awareness of disease outbreaks: The experience of ProMED ." Martin Hugh-Jones
106. Western Veterinary Conference, Las Vegas, NV, 14 February, 2001.

Emergency Preparedness Exercise: "Peri-Urban Anthrax: Natural or Intentional ." Ronald Anderson, Ted Cieslak, Gary Dirks, Martin Hugh-Jones, Kim Randall & Randall Todd
107. Graduate student association, Department of Geography & Anthropology, Louisiana State University, Baton Rouge, 23 March, 2001

"Strategies of bioterrorists ." Martin Hugh-Jones
108. Nightline, national ABCTV, 27 March, 2001, interview on foot-and mouth disease and its threat to the USA; taped in Baton Rouge.
109. ITN Evening News, London, 30 March, 2001, interview on foot-and-mouth disease; taped in Baton Rouge.
110. Russian Academy of Science - National Academy of Sciences USA Workshop on Terrorism in High Tech Society, Moscow, 4-6 June, 2001.

"Agricultural Bioterrorism ." Martin Hugh-Jones
111. 4th International Conference on Anthrax, Annapolis, MD, USA, 10-13 June, 2001.

"Global Report." Martin Hugh-Jones

"Epidemiological applications of the *Bacillus anthracis* multi-locus VNTR analysis in the Kruger National Park." K.L. Smith, V. De Vos, H. Bryden, M.E. Hugh-Jones, P. Keim

"Molecular epidemiology of *Bacillus anthracis* in Italy." A. Fasanella, K.L. Smith, C. Keys, P. Coker, P. Keim, M. Hugh-Jones

"Molecular epidemiology of *Bacillus anthracis* in China." B. Wang, K.L. Smith, C. Keys, P. Coker, P. Keim, M. Hugh-Jones

"Dissection of *Bacillus anthracis* into distinct types using MLVA." P. Keim, G. Zinser, D. Solomon, C. Keyes, L. Price, A. Klevytska, K. Smith, M. Hugh-Jones

Poster:

"Seroconversion in bison (*Bison bison*) in northwestern Canada experiencing sporadic and epizootic anthrax." P.C.B. Turnbull, J. Rijks, I. Thompson, M. Hugh-Jones, B. Elkins

117. GISVET: Geographical Information Systems in Veterinary Science, Lancaster University, England, 9-14 September, 2001

"Whither medical and veterinary GIS?" Martin Hugh-Jones

118. Louisiana Mosquito Control Association - Texas Mosquito Control Association South Central Regional Mosquito Control Conference, Lake Charles, LA, USA, 29-31 October, 2001

"Characterizing temporal distribution of potential arbovirus vectors: Initial results from a St. Tammany parish field experiment." Gleiser, R.M., R. Campanella, B. Shelby, M.E. Hugh-Jones & D. Wesson

119. New Orleans Citywide Infectious Diseases Conference, "Bioterrorism: Selected Topics", Children's Hospital, New Orleans, 2 November, 2001

"Organizing responses to bioterrorism: An overview."
Martin Hugh-Jones

120. 50th Annual meeting of the American Society of Tropical Medicine & Hygiene, Atlanta, GA, USA, 11-15 November, 2001

"Temporal distribution of mosquitoes in southeast Louisiana." Gleiser, R.M., R. Campanella, B. Shelby, M.E. Hugh-Jones & D. Wesson

121. American Association of State Colleges and Universities, annual meeting, New Orleans 18-20 November, 2001: "Moral leadership in the new millennium"; spouse session, November 18, "Courage today: A call to action and a voice of calm."

"Anthrax and Universities." Martin Hugh-Jones

122. Lagniappe Studies Unlimited, First Christian Church - Fellowship Hall, 8484 Old Hammond Highway, Baton Rouge, 28 November, 2001

"All you wanted to know about anthrax and didn't dare ask."
Martin Hugh-Jones

123. DARPA, "Genome Sequencing for Defense Workshop", Walter-Read Army Medical Center, Forest Glen Annex, Silver Spring, MD, 2-4 December, 2001

"All you never wanted to know about anthrax ." Martin Hugh-Jones

124. Agency for Toxic Substances & Disease Registry, "Quantifying Anthrax Exposure & Risk," Holiday Inn, Decatur, Georgia, 9 December, 2001

"Sverdlovsk data ." Martin Hugh-Jones

125. "Exceeding Expectations" Conference Proceedings, Ontario Veterinary Medical Association, Toronto, 24-26 January, 2002

"Bioterrorism" Martin Hugh-Jones

"Agrocommunication: ProMEDmail" Martin Hugh-Jones

"Foot and Mouth Disease" Martin Hugh-Jones

128. "Bioterrorism ." Royal Society of Medicine, London, 26 March, 2002

"Anthrax Events in USA ." Martin Hugh-Jones

129. "Academic Symposium on Bioterrorism: Science, Security, and Preparedness", Lewis Thomas Laboratory, Princeton University, Princeton, NJ, 11 October, 2002

"The Anthrax Incidents in the USA." Martin Hugh-Jones

130. Agenda for Action: Veterinary Medicine's Role in Biodefense & Public Health, JW Marriot Hotel and National Press Club, Washington, DC, 1-3 November, 2002

"Surveillance for Emergencies ." Martin Hugh-Jones

131. Western Veterinary Conference, Las Vegas, NV, 19 February, 2003

"Bioterrorism Attacks Against Animals & Public Health ." "

Martin Hugh-Jones

“Recognising Bioterrorism . ” Martin Hugh-Jones

133-40 5th International Conference on Anthrax, 3rd International Workshop on Molecular Biology of *Bacillus cereus*, *B. anthracis* and *B. thuringensis*, Nice, France, March 30 to April 3, 2003

“Evolution of *B. anthracis* subtypes from a *B. cereus* ancestor: VNTR and SNP for evolutionary analysis.” Paul Keim, M. van Ert, T. Read, J. Busch, J. Ravel, T. Pearson, L. Huynh, G. Zinser, D. Solomon, J. Farlow, C. Keys, K. Smith, L. Price, J. Schupp, P. Coker, K. Hill, K. Harding, P. Jackson, M. Hugh-Jones

“Global anthrax . ” Martin Hugh-Jones

“Anthrax in North America . ” K.L. Smith, M.E. Hugh-Jones, P.R. Coker, M. van Ert, J. Farlow

“Improving Public Health preparedness for anthrax epidemics . ” Williamina Wilson, Peter Turnbull, Ottorino Cosivi, Martin Hugh-Jones, Rachel Bauquerez & David Ashford

Posters

“Strain typing using single nucleotide polymorphisms from whole genome sequencing . ” T. Pearson, J. Busch, J. Ravel, T. Simonson, S. Rhoton, M. Cardon, K. Smith, M. Hugh-Jones, T. Read, P. Keim

“Single nucleotide repeats (SNRS) in the *B. anthracis* genome are highly mutable.” P. Keim, D. Solomon, L. Huynh, A. Vogler, M. van Ert, K. Harding, P. Worsham, K. Smith, J. Schupp, P. Coker, M. Hugh-Jones

“Evolutionary relationships in worldwide *Bacillus anthracis* isolates as determined by multiple-locus variable number of tandem repeat analysis (MLVA).” M. van Ert, L. Huynh, G. Zinser, D. Solomon, C. Keys, J. Farlow, K. Harding, P. Coker, K. Smith, M. Hugh-Jones, P. Keim

“The ecology of anthrax in Texas.” Martin Hugh-Jones

141. FASEB Annual Meeting (Experimental Biology), San Diego, CA, April 13-17, 2003; abstract FASEB Journal 17:A296. 2003

“Survey of Baton Rouge/New Orleans physicians who treat osteoporosis,”

- Mekary, R.A., Lindsey, S., Lindberg, J., Hugh-Jones, M., Hegsted, M.,
142. Department of Veterinary & Microbiological Sciences, North Dakota State University, Fargo, ND, 2 May, 2003
- “ProMED” Martin Hugh-Jones
143. “Hot Zone Lecture”, Century Theater, NDSU Memorial Union, North Dakota State University, Fargo, ND, 2 May, 2003
- “Epidemiology of Anthrax.” Martin Hugh-Jones
144. 53rd Annual Southwest Conference on Diseases in Nature Transmissible to Man, Ambassador Hotel, Amarillo, TX, June 25-27, 2003
- “The ecology of anthrax in Texas.” Martin Hugh-Jones
145. “*Antrace: Una malattia antica, una emergenza attuale*”, International Conference, Vieste, Italy, 10-11 October, 2003
- “Incidence of anthrax worldwide.” Martin Hugh-Jones
- “Anthrax ecology: North America & elsewhere.” Martin Hugh-Jones
147. Anthrax Collaborators Meeting, School of Veterinary Medicine, Louisiana State University, Baton Rouge, LA, 20 February, 2004
- “Ecology of anthrax in Texas” Martin Hugh-Jones & Jason Blackburn
148. 1er Simposio Argentino sobre Investigación y Conservación de Rapaces – SAICR, Museo de la Plata, La Plata, Buenos Aires, Argentine, October 1-2, 2004
- “Presencia de *Bacillus anthracis* en rapaces de Argentina”
Miguel D. Saggese, Ramón P. Nosedá, Marcela Uhart, Sharon L. Deem, Hebe Ferreyra, Marcelo Romano, María C. Ferreyra-Armas y Martin Hugh-Jones
149. “Sanitary Security of the Commonwealth of Independent States: Issues of Biological Safety and Bioterrorism Countermeasures in Modern Conditions’, Volgograd, Russia 2005
- “Application of Geographical Information System in Surveillance of Especially Dangerous Infections in Kazakhstan (Anthrax surveillance example)”
A.M. Aikimbaev, E.B. Sansizbaev, M.E. Hugh-Jones, J. Blackburn, A. Curtis, L.Y. Lukhnova

150. Bacillus ACT 2005 Conference, Santa Fe, NM, USA, 25-29 September, 2005,
- Poster: "Preliminary analysis of the spatial ecology of anthrax in North America and Kazakhstan" J.K. Blackburn, M.E. Hugh-Jones, DE Dorrell, R. Parkinson, Y. Sansyzbayev, A.M. Aikimbayev, A. Curtis
- Poster: "Epidemiology of anthrax in Texas." Martin Hugh-Jones & Jason Blackburn
- 152 International & Southwest Conferences on Diseases in Nature Transmissible to Man, El Tropicano Riverwalk Hotel, San Antonio, Texas, August 1-4, 2006
- "New perspectives on anthrax control in wildlife and at the Wildlife/livestock interface." Martin Hugh-Jones* & Jason Blackburn
- "PROMED – Reliance on open communications and information sharing," Peter Cowen, Tam Garland, Arnon Shimshony, & Martin Hugh-Jones*
- 154 Systems Integration in Biodefense, Cambridge HealthTech Institute, 5th Annual conference, Ritz Carlton Hotel, Washington, DC, August 21-22, 2006
- "A Veterinary Voice from the Trenches." Martin Hugh-Jones [Opening Keynote address]
155. Reunion Plenaria con presentacion del Programa Alerta y Repuesta ante Epidemia de Ocurrencia Natural, accidental o deliberada de *Bacillus anthracis*, Circulo Medico de Azul, calle San Martin 691, Azul, Argentina, 19 October, 2006
- "Anthrax in North America and its impact on control and surveillance." Martin Hugh-Jones & Jason Blackburn
- 156 Anthrax in North American Wildlife and Domestic Animals: Disease Research and Management Workshop, University of Calgary, Faculty of Veterinary Medicine, November 18th and 19th, 2006
- "White-tailed deer." Dr. Martin Hugh-Jones
- "Field Elisa." Dr. Martin Hugh-Jones
158. International Meeting on Emerging Diseases and Surveillance, Vienna, Austria, 23-25 February, 2007
- "Utilizing predictive models to evaluate the distribution & ecology of *Bacillus anthracis* in North America and Central Asia." Jason K. Blackburn, Yerlan Pazilov, Larissa Luknova, Shakhlo

Rakhimova, Aminjan Nematov, Yerlan Sansyzbayev, David Rogers & Martin Hugh-Jones

159. Joint Congress 17th European Congress of Clinical Microbiology & Infectious Diseases and the 25th International Congress of Chemotherapy, March 31 – April 3, 2007, Munich, Germany. Poster
- “Historical Incidence and Molecular Diversity of *Bacillus anthracis* in Kazakhstan.”
A. Aikimbayev, S. Zakaryan, L. Lukhnova, G. Temiraliyeva, Y. Pazylov and T.Meka-Mechenko, M. VanErt, R. Easterday, P. Keim, S. Francesconi, J. Blackburn, T.L. Hadfield, M. Hugh Jones
160. The Cooperative Biological Research Program Review, April 2-5, 2007, Garmisch, Germany
- “Geographical Information Systems (GIS) as a tool for monitoring and predicting disease outbreaks”, Jason Blackburn et al (many, including Martin Hugh-Jones)
- “KZ-1: Ecological and socio-economic factors of anthrax foci activity and improvement of its diagnosis and prophylaxis in Kazakhstan”, Alim Akimbayev et al (many, including Martin Hugh-Jones)
162. URISA 2007 GIS in Public Health Conference, New Orleans, Marriott Hotel Conference Center, May 20-23, 2007
- “Decadal spatio-temporal analyses of anthrax outbreaks in Kazakhstan from 1937 to the present”, Y Pazilov, L Lukhnova, Z Saglyev, G Temmirallyeva, T Meka-Menchenko, Y Sansyzbayev, M van Ert, T Hadfield, T A Joyner, A Curtis, Martin E Hugh-Jones, Jason K Blackburn
- “Spatial hotspots of anthrax cases in Kazakh livestock: Identifying control strategy needs”, Z saglyev, Y Pazilov, L Lukhnova, G Temirallyeva, T Meka-Menchencko, Y Sansyzbayev, T A Joyner, A Curtis, Martin E Hugh-Jones, Jason K Blackburn
164. Bacillus – ACT 2007, International Conference on *Bacillus anthracis*, *B. cereus* and *B. thuringensis*, Radisson SAS Scandinavia Hotel, Oslo, Norway, June 17-21, 2007
- [Poster] “Integrating spatial clustering statistics and ecological niche modelling to examine the distribution and ecology of anthrax in Central Asia and North America,” Jason K. Blackburn, Shahlo Rakhimova, Aminjan Nematov, Zaurbek Sagiyev, Yerlan Pazilov, Larissa Luknova, Alim Akimbayev, Ted Hafield, Matt van Ert, Stephen Francesconi,

Kristina McNyset, Andrew Joyner, & Martin Hugh-Jones

165. Vth Congresso internacional de Epidemiologia, Villahermosa, Tabasco, Mexico 10-13 October, 2007
- “Predicting the geographic distribution of *Bacillus anthracis*, the causative agent of anthrax, in Mexico using ecological niche modeling and outbreak data from the United States of America”, Jason K. Blackburn, Kristina M. McNyset, Andrew J. Curtis, Mark A. Mitchell, Martin Hugh-Jones
166. 2008 Biological Threat Reduction Program (BTRP) Science Review, Edelweiss Conference Center, Garmisch-Partenkirchen, Germany, April 14-17, 2008
- “KZ-1: Mapping of anthrax foci activity in Kazakhstan.” Alim Aikimbayev, Stephen Francesconi, Martin Hugh-Jones, Theodore Hadfield, Jason Blackburn. Matthew van Ert, & Paul Keim
- KZ-1: Ecological and socio-economic factors of anthrax foci activity and improvement of its diagnosis and prophylaxis in Kazakhstan”, Alim Aikimbayev, Stephen Francesconi. Jason Blackburn, Martin Hugh-Jones, Paul Keim, Theodore Hadfield, & Matthew van Ert.
168. 2nd International Symposium on Geospatial Health, Chateau LeMoyné Hotel, New Orleans, 5-7 December, 2008
- “Global anthrax distribution mapping.” Martin Hugh-Jones
169. Workshop on Anthrax in Wildlife: Disease Research and Management Workshop, Western College of Veterinary Medicine, Saskatoon, 10-11 February, 2009
- “Texas & White-tailed Deer.” Martin Hugh-Jones
- “Regional Cooperative Anthrax Planning.” Martin Hugh-Jones
171. “Antrace: presente e future di una malattia sottovalutata.” Le antropozoonosi emergenti di ritorno, Corso di Aggiornamento, Dipartimento di Prevenzione ASF 10, Settore Veterinaria. 19-20 July, 2009, U.O. Formazione – Aula 1, Via di San Salvi, 12 Firenze, Italia
- “Global Anthrax.” Martin Hugh-Jones
- “Piani di sorveglianza.” Martin Hugh-Jones & Jason Blackburn
173. Bacillus –ACT 2009: The International *Bacillus anthracis*, *B. cereus*, and *B. thuringiensis* Conference, La Fonda Hotel, Santa Fe, New Mexico, USA, August 30-September 3, 2009. [Three posters]

“Field validation of fundamental niche predictions of *Bacillus anthracis* for the US.” JK Blackburn, ME Hugh-Jones, D Hunter, KM McNyser, & T Hadfield.

“Identifying environments that may promote anthrax outbreaks in the sporadic zone of south Texas with field sampling, remote sensing, and spatial statistics.” JK Blackburn, PK Pham, IT Kracalik, D Braud, & ME Hugh-Jones.

“Historical distribution and molecular diversity of *Bacillus anthracis* in Kazakhstan.” A Akimbayev, L Luknova, G Termiraliyev, T Meka-Mechenko, Y Pazylov, S Zakaryan, WR Easterday, MN Van Ert, S Francisconi, JK Blackburn, ME Hugh-Jones, & T Hadfield

- 176 Workshop on Foolproof Prevention of Anthrax in Bangladesh, SAARC Agriculture Center, Farmgate, Dhaka, 12 December, 2010, organized by Community-based Dairy Veterinary Foundation (CDVF), Bangladesh Agricultural University, Mymensingh.

“Adventures in anthrax genotyping from PHRANA’s to TaqMAMA’s.”
Matt van Ert & Martin Hugh-Jones

“Prediction mapping.” Jason K Blackburn & Martin Hugh-Jones

179. Anthrax in Free-Ranging & Captive Bison: Disease research and management workshop, University of Saskatchewan, Saskatoon, SK Canada, April 13 & 14, 2011.

“Texas & White-tailed deer.” Martin Hugh-Jones & Jason Blackburn.

“Anthrax Ecology: Overview of current thinking & knowledge gaps.”
Martin Hugh-Jones

“Anthrax Niche Modeling.” Jason Blackburn & Martin Hugh-Jones

- 182 Diseases in Nature, Corpus Christi, June, 2011

“Anthrax on the western Edwards Plateau, Summer, 2010.”
Martin Hugh-Jones, Jason Blackburn, Ted Hadfield

183. Department of Public health, Emory University, Atlanta, GA, Sept. 28, 2011

‘The 2001 Attack Anthrax: Key questions, potential answers.’
Martin Hugh-Jones

184. School of Journalism, Emory University, Atlanta, GA. Sept. 28, 2011
“Comments of a ProMED moderator” Martin Hugh-Jones
185. EPI Research Day, Emerging Pathogen Institute, University of Florida, Gainesville, Feb. 24, 2012. Poster
“Spatio-temporal & genetic patterns of anthrax outbreaks in Texas and Montana.”
Jason Blackburn, David Hunter, Ted Hadfield, Mathew van Ert, Jocelyn Mullins, Douglas Goodin, Martin Hugh-Jones
186. Diseases in Nature Conference, Crown Plaza Riverwalk Hotel, San Antonio, 19 – 22 June, 2012
“2010 anthrax investigation in Bangladesh.”
Antonio Fasanella, Giuliano Garofolo, M. Janhangir Hossain, Mohammed Shamsuddin, Jason Blackburn, & Martin Hugh-Jones*
187. Environmental Isolation, Exploitation, and Implementation Opportunity (EIEIO) conference, The MITRE Corporation, 7515 Colshire Drive, McLean, VA, 27-28 June, 2012
“2010 anthrax investigation in Bangladesh.” Martin Hugh-Jones
188. 63rd Annual James Steele Conference on Diseases in Nature Transmissible to Man, Omni Galleria, Houston, Texas, 19-21 June, 2013
“The 2001 Attack Anthrax: Key questions, Potential answers.”
Martin Hugh-Jones, Barbara Rosenberg, Stuart Jacobsen
189. *Bacillus* ACT 2013, Victoria, Fairmont Empress Hotel, BC, Canada, 1-5 September, 2013. Poster
“Ground Anthrax Bacillus Refined Isolation (G.A.B.R.I.) method for analyzing environmental samples with low levels of *Bacillus anthracis* contamination.”
Antonio Fasanella, Pietro Di Taranto, Giuliano Garofolo, Valeriana Colao, Leonardo Marino, Rosanna Adone , Martin Hugh Jones
190. Veterinary and Related Experiences, LSU Continuing Education, Osher Lifelong Learning Institute, 9 July, 2014, School of Veterinary Medicine
“The FBI Investigation of the 2001 letters.” Martin Hugh-Jones
191. *Bacillus* Act2015, The Grand, New Delhi, India, 27 - 31 October 2015.

“Investigation on *Bacillus anthracis* circulating in Bangladesh through the analysis of soil samples in areas at risk and imported animal feed.”

Farzana Islam Rume*, Paritosh Kumar Biswas, Valeria Rondinone, Chowdhury Rafiqul Ahsan, Viviana Manzulli, Alessia Affuso, Darejian Bolkvadze, Lia Askilashvili, Antonio Fasanella, Martin Hugh-Jones

CREATIVE ACTIVITIES:

Epidemiological Studies of Chronic Diseases of Animals, WHO, Geneva, 1-4 July 1969.

Department of Microbiology and Immunology, Ontario Veterinary College, University of Guelph, Canada, 4 May-14 June 1973.

Department of Microbiology and Immunology, Ontario Veterinary College, University of Guelph, Canada, 5-8 June 1977, FAO/CIDA course for Epidemiologists.

Central Veterinary Laboratory, Kabete, Kenya, 12 May-9 June (and 10-15 June, FAO, Rome) 1978, to evaluate and design the development program for a national animal disease surveillance system.

Food and Agriculture Organisation of the United Nations, Rome, 27 August- 2 September 1978, to take part in discussions on the future strategies and activities of the Animal Health Division in relation to veterinary epidemiology and economics.

Food and Agriculture Organisation of the United Nations, Rome, 4-8 September 1978, to help run Seminar on Veterinary Data Base Improvement and Economics of Disease Control.

United Nations Development Program, 22-27 October 1978, to chair a joint UNDP/PAHO/CIDA mission to evaluate project CAR/74/OO8 diagnostic laboratories on Grenada, St. Vincent, and St. Kitts-Nevis.

Ministry of Livestock and Range Management, Mogadishu, Somalia, 13 August-13 September 1979 (through FAO) to advise on the future activities of the veterinary diagnostic laboratories and Project SOM/78/006.

Food and Agriculture Organization of the United Nations, Seminar on Veterinary Epidemiology, Disease Surveillance Systems, and Economics of Disease Control, FAO appointed Group Chairman, 17-21 September 1979, Bali, Indonesia.

Caribbean Epidemiology Research Centre, Pan American Health Organisation, Trinidad, BWI.

18-25 April 1981, to advise and develop a system for zoonotic disease surveillance in CAREC-associated countries in the Caribbean, including Belize, Guyana and Suriname.

4-28 July 1981, tour of Trinidad, Suriname, Guyana, Barbados, St. Vincent and Grenada to identify surveillance capacities and important zoonotic diseases.

5-25 September 1981, to tour St. Kitts/Nevis, Antigua, Montserrat, Dominica, St. Lucia, Barbados, Jamaica, Cayman, Bahamas and Belize, to complete study in preparation for the submission of the proposed surveillance system at the Veterinary Public Health Regional Workshop in Jamaica, 9-11 November 1981.

World Health Organization, Washington, D.C., 13-15 April 1983. Consultation on Veterinary Participation in Primary Health Care.

Inter-American Institute for Cooperation on Agriculture, St. Lucia. 17-26 November and 13-22 December, 1983, preliminary studies on the economic feasibility of an *Amblyomma variegation* eradication program.

Food and Agriculture Organisation of the United Nations, Jamaica. Consultant Project Leader for \$US 60,000 project TCP/JAM/44O4(f) to improve veterinary services in Jamaica. Project scheduled for 18 months, extended to 2 years. Site visits 8 July - 12 August, 1984; 2-22 December, 1984; 24-30 March, 1985; 17 July - 7 August, 1985; 4-18 January, 1986; 17 May - 7 June, 1986.

Food Safety and Inspection Service, United States Department of Agriculture, Review of enzyme immunoassay for trichinellosis. March 19, 1985. Beltsville, Maryland.

Food and Agriculture Organisation of the United Nations, Chairman and Organizer of "Roundtable on Animal Health and Improvement of Productivity in this English-Speaking Caribbean," Kingston, Jamaica. 22-26 September, 1986.

USDA/FSIS "Health Related Program Planning and Evaluation" Workshop, Workshop Chairman, USDA Annex Bldg, 300 12th St., NW, Washington, DC, 12-16 March 1990.

International Conference on Applications of Remote Sensing to Epidemiology and Parasitology, Conference Chairman and Organizer, Baton Rouge, Louisiana, USA, 6-7 June, 1990.

World Health Organization/National Aeronautical and Space Administration/United Nation Environment Programme Workshop on the Surveillance of Vector-borne Diseases, Rapporteur, Baton Rouge, Louisiana, USA, 8-9 June, 1990.

WHO Informal Consultation on Anthrax Control and Research, World Health Organization, Geneva, Switzerland, 13-15 November, 1990.

Academy of Sciences of the USSR, Moscow, with Dr. Oscar Huh, Earth Scan Laboratory, LSU, to discuss collaborative USSR-Bulgaria-LSU programme of research and training in applications of remote sensing and GIS, 26 December, 1990, to 13 January, 1991.

Environmental Research and Information Centre, Ministry of Environment, and Institute of Hygiene and Occupational Health, Bulgarian Medical Academy, with Dr. Oscar Huh, Earth Scan Laboratory, Louisiana State University, to continue discussions on collaborative USSR-Bulgaria-LSU program of research and training in applications of remote sensing. GIS, Sofia, Bulgaria, 9-21 May, 1991.

Participated as Session Chairman & Rapporteur in the NASA funded workshop "Remote Sensing, Environmental Change and Human Health," Aspen Global Change Institute, Aspen, Colorado, 14-27 July, 1991. This extremely valuable workshop defined the NASA middle- and long-term strategies for remote sensing applications in health and disease control. The attendance was by invitation and represented thirteen U.S. universities, and experts from the UK, France and Argentina, and AAAS, NASA, USAMRIID, USGS-EROS.

Official Observer at the PAHO/CARICOM/Jamaica Government meeting in Kingston, Jamaica, 21-24 October, 1991, on:

1st Meeting of the Technical Group of the Sub-Commission of Foot-and-Mouth Disease-Free countries of the Caribbean Subregion;

Seminar on the Risk of Transmission of Foot-and-Mouth Disease Virus through Meat Imported from Infected Countries;

Working Group for the Preparation of the 5-year Strategic Plan for the Development and Strengthening of Veterinary Public Health in the Caribbean.

Participated in investigation of the 1979 Anthrax epidemic in Sverdlovsk, visiting Moscow and Yekaterinburg (Sverdlovsk). 1-17 June 1992.

Presented course on "Moderna Vigilancia Epidemiologia" at Escola de Veterinaria, Department of Medicina Veterinaria Preventiva, Univ. Federal de Minas Gerais, Belo Horizonte, Brazil, funded by the American Society of Microbiology and the Minas Gerais Ministry of Agriculture. 16-27 November 1992.

Participated in the NASA "Workshop on Remote Sensing of Vector-Borne Diseases Associated with Environmental and Cultural Change," 2-6 May, 1993, at the Marconi Conference Center, Marin County, California. This meeting involved 37 invited individuals in public health, entomology, remote sensing, veterinary medicine, and space engineering from Argentina, Brazil, Switzerland, UK, the Netherlands, and the USA, and from CDC, NASA, NIH, USAID, World Bank, and ITC, WHO/PEEM. Elected to be a member of the NASA Public Health Action Committee.

WHO Consultation on Development and Application of Geographic Methods in the Epidemiology of Zoonoses, Federal Research Centre for Virus Diseases of Animals, Institute of Epidemiology, Wusterhausen, Germany, 30 May - 2 June, 1994, Session Chairman and Speaker.

Session Chairman, "Modelling Animal Disease", First World Congress on Computational Medicine, Public Health and Biotechnology, Austin, 24-28 April, 1994.

Coordinator, 1st Meeting of the IAEA/FAO/PAHO/WHO Coordinated Research Project on Application of Irradiation for the Prevention of Foodborne Diseases, LSU School of Veterinary Medicine, Baton Rouge, Louisiana, 14-16 September, 1994.

PAHO Working Group on Prevention, Control, and Eradication of Brucellosis in Latin America and the Caribbean, Instituto Panamericano de Proteccion de Alimentos y Zoonosis, Buenos Aires, 14-16 November, 1994.

WHO-Coordinated Working Group on Anthrax, Winchester, England, 22-23 September, 1995. Chaired meeting and presented two papers on surveillance problems and biological warfare.

IXth Inter-American Meeting at the Ministerial Level on Animal Health, RIMS9, PAHO/WHO, Washington DC, 25-27 April, 1995, presented, in plenary session, the report of the PAHO Working Group on "The Prevention, Control, and Eradication of Brucellosis in Latin America and the Caribbean".

Gave seminar and discussion "Proposed programme to demonstrate that Jamaica is Brucellosis & Tuberculosis free", at the 2nd Subregional Training Course in Meat Inspection & Hazard Analysis Critical Control Points (HACCP) System for the Caribbean, and in joint discussions with Jamaican Ministry of Agriculture and Ministry of Health for program implementation. Kingston, Jamaica, 29 July - 2 August, 1996.

Participant at 14th Intra-Caribbean Veterinary Public Health Seminar; Joint PAHO/CARICOM 4th meeting of the Subcommittee of Foot-and-Mouth Disease-Free Countries for the Caribbean Subregion; Foot-and-Mouth Disease Simulation Exercise; 5th meeting of the Caricom Chief Veterinary Officers ... Kingston, Jamaica, 27-29 November, 1996.

Organised and chaired WHO Anthrax Workshop in Kathmandu, Nepal, 10-12 March, 1997

Organised and chaired WHO Anthrax Workshop in Almaty, Kazakhstan, 5- 7 October, 1997

Participant at the International Disaster Conference, Havana, Cuba, March 18-21, 1998, presenting a paper on behalf of PAHO on the >Application of GIS & Remote Sensing in natural emergencies involving livestock=.

Veterinary consultant to ProMED-AHEAD project planning visit to Onderstepoort and Mpumalanga, 30 January - 7 February, 1999.

NATO-Advanced Research Workshop, *Scientific and technological methods of distinguishing between biological weapons attacks and natural disease outbreaks*, Prague, 18-22 October, 1998, presenting the following paper, "Distinguishing between natural and unnatural outbreaks of animal diseases."

WHO Workshop *Future trends in Veterinary Public Health*, Teramo, Italy, 1-5 March, 1999; presented two papers, "Future developments in information technology and availability in relation to Veterinary Public Health", and "Increased trends in population growth, international travel and urbanisation, climatic and other environmental changes and their implications in Veterinary Public Health."

Indications and warning of biological warfare use by terrorists: *Workshop IV Working with the Public Health Sector*, MitreTek, McLean, VA, 12 April, 1999; presented paper, "PromED-mail and the Internet" .

NATO - Advanced Research Workshop, *BTWC security implications of human, animal and plant epidemiology*, Bucharest, 3-5 June, 1999; presented the following paper "Animal disease reports."

Air National Guard units to lecture on the benefits & risks of anthrax vaccination:

- 137th Airlift Wing, OKANG, 10-12 September, 1999
- 161st Air Refueling Wing, ARANG, 6-7 November, 1999
- 131st Expeditionary Fighter Squadron, MIANG, 13-14 December, 1999
- Ohio National Guard, Senior Leadership Conference, 26 February, 2000

Food & Drug Administration, Center for Drug Evaluation & Research, Rockville, MD, Anti-infective Drug Advisory Committee, Supplemental New Drug Applications (NDA) for Ciprofloxacin Bayer Corporation, Pharmaceutical Division, 28 July, 2000, expert witness, "Anthrax clinical disease and epidemiology."

Anthrax in free-ranging bison in Northern Canada WBNP/RWED disease, research and management workshop, Edmonton, AB, Canada, 25 November, 2000 ... Workshop of Canadian national park and wildlife experts to determine future policy in relation to this disease.

Bacillus anthracis Bioterrorism Priorities for Public Health Response, Centers for Disease Control & Prevention, Holiday Inn, Decatur, Georgia 10-11 December, 2001

National Institutes of Health, review of grant applications, NIH Vaccine Study Section ZRG1 VACC 12 (Special Emphasis Panel of the Vaccine Study Section), Bethesda Hyatt Regency, One Bethesda Metro Center, Bethesda, MD, 15 March, 2002.

Anthrax in free-ranging bison in Northern Canada WBNP/RWED disease, research and management workshop, update, Fort Smith, NW, Canada, 22 July, 2002 ... Review of ongoing research projects and of disease control policies.

External examiner to the graduate programme at North Carolina State University Veterinary College, Raleigh, NC, 17-19 November, 2002.

Louisiana- Mexico Hurricane Workshop, Louisiana Office of Emergency Preparedness, Baton Rouge, 21-23 January, 2003. Presented project on the development of plans & relevant databases for veterinary clinic preparedness in New Orleans.

Committee on Disaster & Emergency Issues (CDEI), American Veterinary Medical Association, 1931 North Meacham Rd., Schaumburg, IL 60173, 6-7 February, 2003, presented paper on "Surveillance for Emergencies."

Chaired WHO Anthrax Working Group meeting, Nice, France, March 29 - 30, 2003

Invited Observer, Meeting of the Hemispheric Committee for the eradication of Foot-and-Mouth Disease, IX COHEFA, Pan American Health Organization, World Health Organization, Washington, DC, 22 April, 2003

Invited Observer, 3rd Ordinary Meeting of the Pan American Commission for Food Safety, III COPAIA, Area Disease Prevention & Control Veterinary Public Health Unit, Pan American Health Organization, World Health Organization, Washington, DC, 23 April, 2003

Invited Observer, The 13th Inter-American Meeting, at the Ministerial Level, on Health & Agriculture, Pan American Health Organization, World Health Organization, Washington, DC, 24-25th April, 2003

Third Annual Cooperative Biological Research Program Review, State Research Institute of Highly Pure Biopreparations, St. Petersburg, Russia, 15-17 July, 2003; a review of DETRA-funded collaborative research projects.

LSU Center for the Study of Public Health Impacts of Hurricanes, 2nd Annual Advisory Board Meeting, Lod Cook Conference Center, LSU Campus, Baton Rouge, LA, 15 September, 2003; presented update on veterinary public health responses.

USDA - CSREES Animal Biosecurity Program Panel, Washington, DC, 22-23 October, 2003, review of project proposals, USDA-CSREES, Waterfront Center, 800 9th Street, Washington, DC 20024

Hemispheric Conference on the eradication of foot-and-mouth disease, Houston, TX, 3-4 March 2004, Organizing Committee Meeting. PAHO, Washington, DC, 25 November, 2003

Hemispheric Conference on the eradication of foot-and-mouth disease, Crowne Plaza Hotel, Houston, TX, 3-4 March 2004, PanAmerican Health Organization and US Department of Agriculture, in conjunction with AMI, FAO, IDB, IICA, OIE & OIRSA

Bovine Spongiform Encephalopathy in the Americas: Being proactive and building national capacity, IICA & PAHO, Crowne Plaza Hotel, Houston, 4 March, 2004,

Bio-Terrorism Brainstorming Workshop, University of Kansas, Lawrence, KS, 27-28 May, 2004

"In Vitro and Animal Models for Emerging Infectious Diseases and BioDefense." (Parts C, D & E) NIAID/NIH Grants Review, June 8-10, 2004, Arlington, VA

Ad-Hoc Surveillance Meeting, OIE, Paris, France, November 3-4, 2004

Bioterrorism Risk Assessment – Systematic Subject Matter Expert (SME) Elicitation Workshop, Biological Threat Characterization Program, Department of Homeland Security, Cheyenne Mountain Resort, Colorado Springs, CO, 14-15 July, 2005

Anthrax Consultation Meeting, Fargo, North Dakota, October 24, 2005. Purpose to review that summer's severe anthrax outbreak that occurred in multiple states (North Dakota (ND), South Dakota (SD), Minnesota (MN) and Montana (MT)) and Manitoba (MB)

Review of the Center for Nonproliferation Studies, Monterey Institute of International Studies, CDC project, Monterey, CA, USA, January 9, 2006

The Cooperative Biological Research Program Review, Crystal City Marriott, Arlington, Va, USA, 23-26 January, 2006

KZ-1 CRDF visit to KZSCQZD, Almaty, Kazakhstan, 25-30 June, 2006

KR1101 trip with project collaborators, Dr Antonio Fasanella (Istituto zooprofilattico Sperimentale della Puglia della Basilicata, Foggia), and Dr. Asankadsyr Junushov (Biotechnology Institute of National Academy of Sciences of Kyrgyzstan, Bishkek) to Southern Italy and Kyrgyzstan (MHJ, not AF), 8 to 24 September, 2007

VMP 945-200, "Epidemiology & Public Health", College of Veterinary Medicine, North Carolina State University, "Challenges & Opportunities in Animal & Human Health" subsection, 19 February, 2008, 9-10am EST by teleconference class discussion on global warming and emerging infectious diseases.

2008 Biological Threat Reduction Program (BTRP) Science Review, Edelweiss Conference Center, Garmisch-Partenkirchen, Germany, April 14-17, 2008

58th James H. Steele Conference on Diseases in Nature Transmissible to Man, April 22-24, 2008, Moody Gardens Hotel, Galveston, TX

Beyond Borders: Regional Animal AgroSecurity, FargoDome, NDSU, Fargo, ND, June

4-6, 2008

Louisiana Voices, Baton Rouge, reader, 2009 – 2012

14th International Congress on Infectious Diseases, Miami, Florida, USA, March 9-12, 2010

2010 ProMED Annual Workshop, Epic Hotel, Miami, March 10-12, 2010

Veterinary and Related Experiences, LSU Continuing Education Osher Lifelong Learning Institute, 9 - 30 July, 2014, School of Veterinary Medicine, with speakers on:

- 9th July: M Hugh-Jones, “The FBI Investigation of the 2001 letters”;
- 16th July, Brandy Duhon, “SVM Mobile Clinic for emergencies”;
- 23rd July, Richard Truman, “Epidemiology of leprosy”, & Javier Nevarez, “Wildlife veterinarian experiences”;
- 30th July, Mark Benfield, “Fauna of the deep waters of the Gulf”, & Roger Tomberlin, “FBI WMD Coordination”..

PROFESSIONAL ORGANIZATIONS:

Royal College of Veterinary Surgeons
American College of Epidemiology, Fellow
British Veterinary Association (1965-1988)
Epidemiology Club (UK)
International Epidemiological Association
International Biometeorological Society
American Veterinary Medical Association
Society for Computer Simulation (1978-81)
Association of American Veterinary Medical Colleges
United States Animal Health Association
Association of Teachers of Veterinary Public Health and Preventive Medicine
Louisiana Livestock Association

COMMITTEES:

World Meteorological Organisation, Committee for Agricultural Meteorology, Joint WMO-FAO Working Group on "Weather and Animal Production and Health", Chairman (1970-1983)

World Health Organisation, Anthrax Research & Control Working Group, Coordinator (1996-): Member of Working Group for Global Eradication of Anthrax (1989-1995)

National Academy of Science, Subcommittee on Research and Diagnosis on Foreign Animal Disease (1983-1984)

International Society of Veterinary Epidemiology & Economics

- a) III International Symposium on Veterinary Epidemiology & Economics, 6-10 September 1982, Arlington, Virginia, USA, Scientific Subcommittee (Chairman)
- b) Secretary, ISVEE (1982-1985)

United States Animal Health Association Committee on Morbidity & Mortality (1981-)

Association of Teachers of Veterinary Public Health and Preventive Medicine, Member of Council (1980-)

International Conference on Impact of Diseases on Livestock Production in the Tropics, IV Int. Conf. Inst. Trop. Vet. Med., 9-13 May 1983, Kissimmee, Florida, USA. Member of Organizing Committee and Session Chairman

NASA Public Health Action Committee (1992)

Member of Organising Committee for *First World Congress on Computational Medicine, Public Health and Biotechnology*, 24-28 April, 1994, Austin, Texas

Federation of American Scientists

Member, Subgroup on "Investigation of Allegations of Bioweapon Use" to FAS
Workgroup on "Biological Weapons Verification, (1995)

National Invasive Species Council, Invasive Species Advisory Committee (2002 - 2005)

- Potomac, MD, May 13-14, 2002
- Washington, DC, November 18-19, 2002
- Washington, DC, March 4-5, 2003
- Chicago, June 24-25, 2003
- National Conservation Training Center, Shepherdstown, WV, October 12-14, 2004

Louisiana State BioTerrorism Response Committee (1999)

Baton Rouge BioTerrorism Response Committee (2000)

Louisiana State University

Ecology Council, School of Veterinary Medicine Representative (1983)

Taskforce on Computerization, Committee for Computers in Research, Member (1983)

Chancellor's Committee on Day Care Needs, Member (1988-1992, 1996-2000)

Board of Regents Research Review Committee, *Cancer and Environmental Hazards* (1984)

Council for Remote Sensing and Geographic Information Systems (1989-1994)

Faculty Grievance Committee (1995-97, 2010-2012, Interim chair 2011)

LSU Press Committee (1999-2002, 2003-2006)

School of Veterinary Medicine, Louisiana State University:

Computation & Data Acquisition Committee (ex-officio to 1984, Chairman, 1985)

Graduate Academic Studies Committee (1978-85; Chairman 1984-85; 1999-01)

Faculty Council (1979-82; 1991-92; Chairman, 1981-82; 1988-91)

Research Committee (1980-1985)

Scholarships & Awards Committee (1980-82)

Library & Instructional Resources Committee (1980-82)

Cellular Immunity Research Unit Committee (1982)

Space Assignment Committee (1988-91)

Special Committee on Committees (1988-90)

Special Committee on Experimental Surgical Unit (1989)

Administrative Council (1989-90)

BL-3 Committee (1989)

Ad Hoc Committee on Authorship of Publications (1991)

Student-Faculty Relations Committee (1991-93)

Ad Hoc Committee on Faculty Evaluation (1991)

Promotion and Tenure Committee (1991-93)

Faculty Recognition and Teaching Excellence Committee (1992-94)

Courses and Curriculum Committee (1993-98, 2001-2)

Selection Committee for Faculty Distinguished Scholar Award (1995)

Faculty Recognition and Teaching Excellence Committee (1992-98, 1999-2002)

AWARDS, LECTURESHIPS, OR PRIZES THAT SHOW RECOGNITION OF SCHOLARLY OR ARTISTIC ACHIEVEMENT:

Bull Fellow, Ontario Veterinary College, 4 May - 14 June, 1973
Aesculapian Lecturer, in recognition of distinguished achievement, Louisiana State University School of Veterinary Medicine, 1984
Distinguished Scholar Award, School of Veterinary Medicine, LSU, 1993
Excellence in Teaching, Louisiana State University, 1993
Award of Recognition, in recognition of his leadership, guidance and service in Veterinary Medicine, Award of Recognition-Member for 1995, Association of Teachers of Veterinary Public Health & Preventive Medicine
Colonel (Hon), Oklahoma Air National Guard. 1999
Specialist in Veterinary Epidemiology, Royal College of Veterinary Surgeons, 2000-2004
Mary Louise Martin Professor. LSU School of Veterinary Medicine. June 2000 – December 2004
KZ-1 Team (member), *Scientific Achievement Award*, The Cooperative Biological Research (CBR) Program Review, Garmisch, Germany. April 2-5, 2007
Honorary Lifetime Membership, Society for Veterinary Epidemiology & Preventive Medicine, United Kingdom. 2004
Honorable Professor, Biotechnology Institute of the National Academy of Sciences of the Kyrgyz Republic. 2007
Certificate of Lifetime Membership, Louisiana Veterinary Medical Association, 2009
Sr. Academico Correspondiente Extranjero, Academia Nacional de Agronomia y Veterinaria de Republica Argentina. June 10, 2016

EDITORIAL BOARD:

Preventive Veterinary Medicine (1980-2006); Book Review Editor (1993-98)

GRANTS AND CONTRACTS. FUNDING SOURCE AND OTHER PERTINENT INFORMATION:

Research Projects, Funded or Awaiting Funding:

FUNDED

Principal Investigator

'Calf Mortality Study'

- Co-Investigator, Dr H.V. Hagstad (ECH)
- Organized Research Funds SVM 82, 1979-1980, \$2300.00
- Organized Research Funds SVM 161, 1980-81, \$1520.00

'Epidemiological Studies on Porcine Trichinosis in Southern Louisiana'
-- Principal Investigators, Drs. M. Hugh-Jones and H.V. Hagstad (ECH),
and Dr. T.B. Stewart (VMP & Vet Science)
-- Louisiana Pork Promotion Board, 1980-81, \$9630.00
-- Louisiana Pork Promotion Board, 1981-82, \$3000.00
(awarded 1982-83)

'Bovine Respiratory Disease and Sentinel Herd Project'
-- Principal Investigators, Dr. M. Hugh-Jones (ECH) and
Dr. R. Fulton (VMP)
-- Co-Investigators, Dr. I. Smart (AnSci), Dr. W. Springer (VS),
Drs. H. Cox & J. Malone (VMP), Dr. H. Hagstad (ECH)
-- Louisiana Beef Industry Council, 1981-82, \$25,000.00
-- Louisiana Beef Industry Council, 1982-83, \$25,000.00

'Remote Counting of Cattle'
-- Principal Investigator, Dr. M. Hugh-Jones (ECH)
-- Organized Research Funds, SVM 242, 1981-82, 500.00

'Serum Bank'
-- Principal Investigator, Dr. M. Hugh-Jones (ECH)
-- Louisiana Department of Agriculture, 1981, \$37,000.00
-- Louisiana Department of Agriculture, 1982, \$31,000.00
-- Louisiana Department of Agriculture, 1983, \$30,000.00

'Economic Implications of Anaplasmosis in Louisiana'
-- Co-Investigator, Dr. R.S. Morley (ECH) and Dr. R. Corstvet (VMP)
-- Organized Research Funds SVM 380, 1983-84, \$3,332.00
-- Organized Research Funds SVM 473, 1984-85, \$2,180.00

'Neonatal Anorexia' ("Dummy Calf" Syndrome)
(1) -- Principal Investigators, Drs. M. Hugh-Jones (ECH), G. Strain (VPT),
B. Olcott (VCS), D. Cho (VP)
-- American Brahman Breeders Association, 1984-85, \$6,228.00.
(2) -- Principal Investigators, Drs. M. E. Hugh-Jones (ECH),
G. Strain (VPT), R. Godke (An. Sci)
-- Kerr Foundation, 1984-86, \$12,870.

'Animal Health Programming, TCP/JAM/ 4404(F)'
-- Principal Investigator, Dr. M. Hugh-Jones (ECH)
-- Food and Agriculture Organization of the United Nations, 1984-85,
\$60,000.00

'Sabbatic with U.S. Army Medical Research Institute of Infectious Diseases, I.P.A. Grant,' 1986-87

- Principal Investigator - Dr. M. Hugh-Jones
- Estimated value \$60,000

'International Conference on Application of Remote Sensing to Epidemiology and Parasitology,' 6-7 June, 1990

- Conference Chairman - Dr. M. Hugh-Jones
- Louisiana State University - \$3,263
- Pfizer Inc - \$2,600
- Department of U.S. Army - \$7,000
- World Health Organization - \$10,000

'Remote sensing and geographic information systems at the Louisiana State University School of Veterinary Medicine

- Principal Investigators: Martin Hugh-Jones (ECH) and Jack Haynes (Cadgis Lab)
- Co-Investigators: Nina S. Lam (Geography and Anthropology) and Jack Malone (VMP)
- Louisiana Education Quality Support Fund (LEQSF) 1990-91, \$76,508

St. Tammany Mosquito Control District No. 2 for studies on Eastern Equine Encephalitis

- 1992 - \$3,500
- 1993 - \$3,500
- 1994 - \$3,500

Emerging Disease Program/Office of Research & Development, Washington, DC, for

- "Strain Identification" #8080, \$375,000, July 1996- December 1997
- "Economic Impact" (of Newcastle Disease) #8150, \$100,000, July 1996 - June 1997

Chemical & Biological Non-Proliferation Program, Department of Energy, Washington, DC:

- "BioFoundations - The Strain Archive"
2000 - \$70,000
2001 - \$38,000

Emerging Diseases Program, National Institutes of Health: Co-PI with Dr. Paul Keim, Northern Arizona University, Flagstaff. 2000 - 2003 c \$1,542,300.

- Co-PI share: 2000-2001: \$59,000
2001-2002: \$60,000
2002-2003: \$68,000

Hurricane Project: "Assessment and remediation of Public Health impacts due to

hurricanes and major flood events," 5 years, \$3,685,490

--- Principle Investigator: Dr. Ivor van Heerden LSU Hurricane Center

--- Co-PI, Martin Hugh-Jones, share \$169,983

"Ecological and Socio-economic Factors of Anthrax Foci Activity and Improvement of its Diagnosis and Prophylaxis in Kazakhstan" Defense Threat Reduction Agency as Federal Flow Through to the US Civilian Research and Development Foundation (now CRDF Global)

Funding Period at LSU:

May 2004 - April 2005 (A. Curtis, PI, M.E. Hugh-Jones, Co-PI) (~\$89,000);

May 2005 - April 2006 (A. Curtis, PI, M.E. Hugh-Jones, Co-PI, J.K. Blackburn, Co-PI) (~\$89,000)

May 2006 - April 2007 (J.K. Blackburn, PI, M.E. Hugh-Jones, Co-PI, A. Curtis, Co-PI) (~\$135,000)

M.E. Hugh-Jones, subject matter expert and consultant to California State University Fullerton July 2007-June 2008 through the Joint University Program (\$10,000.00)

Co-Investigator

'Prevalence and Distribution of Helminths of Swine in Louisiana'

-- Principal Investigator, Dr TB Stewart (VMP & Vet Science)

-- Organized Research Funds SVM 158, 1980-81, \$2110.00

'Control of Gastrointestinal Nematodes of Cattle by Management Practice'

-- Principal Investigator, Dr J Williams (Vet Science)

-- USDA-SEA funded research, 59-2221-0-2-076-0, 1980-83, 1984-87, \$149,884.00 + \$104,881.00

'Seasonal Transmission and Control of Bovine Liver Flukes'

-- Principal Investigator, Dr J Malone (VMP)

-- USDA-SEA funded research, 59-2221-0-2-057-0, 1980-83, \$145,558.00

'Amblyomma tick and Dermatophilosis Control/Eradication Program for St. Lucia'

-- Principal investigator, Dr. K. Scotland, Ministry of Agriculture, St. Lucia

-- Organization of American States, \$11,000.00, 1987

'Etiology and epidemiology of the "Thin Brahman Syndrome"'

-- Principal investigator, Dr. B. Olcott (VCS), 166-20-5107, \$4,006.56

'Control of Gastrointestinal Nematodes of Cattle by Management Practices'

-- Principal investigator, Dr. J. C. Williams, (Vet Science)

-- United States Department of Agriculture, Grant No. 84-CRSR-2-2446,
\$104,881, 07/01/84 - 06/30/87

'Use of polymerase chain reaction for detection of *Mycoplasma mycoides*
subspecies *mycoides* ASC type DNA from clinical samples in Africa

-- Principal investigator, Dr. A.S.H. Kalif (Graduate Student, ECH)
-- The Rockefeller Foundation, \$19,100, 07/01/93 - 08/30/94

Baton Rouge Healthy Start Project, four years, \$700,000

-- Subcontract: "Eliminating disparities in perinatal health; evaluation
component," LSU 14603, \$217,430
-- Principal Investigator, Dr Andrew Curtis (LSU Geog & Anth)
-- Co-Investigator, Dr. Martin Hugh-Jones, PBS

FUNDING AGREED BUT NO FUNDS AVAILABLE

'Control and Eradication of Bovine Brucellosis and Control of Liver Flukes in
Louisiana Coastal Marshes'

-- Principal Investigators, Dr F Enright (VP), Dr M Hugh-Jones (ECH)
and Dr J Malone (VMP)
-- USDA-APHIS, 1980-81, \$100,000.00

'Control and Eradication of Bovine Brucellosis and Control of Liver Flukes in
Louisiana Coastal Marshes'

-- Principal Investigators, Dr F Enright (VP), Dr. M Hugh-Jones (ECH),
and Dr J Malone (VMP)
-- Louisiana Department of Agriculture, 1980-81, \$100,000.00

THESIS/DISSERTATIONS DIRECTED

PhD	Alberto Orego	1982	Department of Vet Science.
	Randy Morley	1985	ECH, Committee Chairman
	Anne Jackson	1985	Department of Geography (student withdrew)
	Richard Truman	1985	Department of Microbiology and Parasitology
	K. Yogasundram	1988	ECH
	David Stallknecht	1989	ECH
	Alan Holk	1989	Department of Entomology
	Emmanuel Nzabanita	1990	ECH, Committee Chairman
	Kyle Moppert	1992	Department of Entomology (student w/drew)
	Mahesan Bahirathan	1995	ECH
	Kenny Samui	1995	ECH, Committee Chairman
	Abdullahi Kalif	1996	ECH, Committee Chairman
	Maria E. Bavia	1996	ECH
	Ahmedin Jamal	1997	ECH, Committee Chairman
	Alex Thompson	1998	ECH
	Kimothy Smith	1999	ECH, Committee Chairman
	Bret Terito	1999	ECH, Committee Chairman (student w/drew)
	Stacy Lee Bearden	1999	Department of Entomology
	Maria Pena	2000	ECH
	Alexander Tkachenko	2000	CHEM (LSU External Examiner)
	Pamala Coker	2002	ECH/PBS, Committee Chairman
	Hiba Bawadi	2004	Human Ecology
	Rania Mekary	2005	Human Ecology
	Misty Richard	2006	PBS, Committee Chairman
	Jason Blackburn	2006	Geography & Anthropology
	Yinmei Li	2006	PBS
	Sarah Hinman	2007	Geography & Anthropology
	David Dorell	2007	Geography & Anthropology
	Adefemi Eegbebi	2008	Chemical Engineering
	Laura Basirico Newell	2017	ENVS, CCE
	Jennifer Giovanni	2019	PBS, SVM
MSc	Peter Moorhouse	1980	ECH, Committee Chairman
	Bruce Johnson	1981	ECH
	Ali Benevides	1982	ECH
	Linda Hopkins	1983	ECH
	Mike Montrose	1984	ECH
	John M. Nuwagaba	1984	ECH
	Kenny Samui	1987	ECH, Committee Chairman
	Florence Sang	1987	ECH

Susan E. Turnquist	1988	ECH
Clyde T. Raby	1991	ECH
Stephanie Alexander	1992	ECH
Abdullahi Kalif	1992	ECH, Committee Chairman
Donal E. Evans	1993	ECH
Ahmedin Jemal	1993	ECH, Committee Chairman
Patricia S. Rosa	1993	ECH
Desta Amare	1994	ECH
Janis Milliken	1995	ECH
Krause Wilson	1995	ExpStat
Kathleen Feaheny	1996	ExpStat
Jian Luo	1996	ExpStat
Sovann Sen	1996	ECH
Songkai Yan	1996	ExpStat
Sharron E. Barras	1997	ECH
Brent Berger	1997	ExpStat
Xiaoji Huang	1997	ExpStat
Christopher Paige	1998	ECH
Xianghua Zhang	1998	Exp Stat
Paul Spurlock	1999	ECH, Committee Chairman (student w/drew)
Jose Villamil	2000	ECH
Misty Richard	2002	ECH/PBS, Committee Chairman
Natalee Peart	2002	ECH/PBS
Terri Cochran	(2000)	ExpStat
Preston Fulmer	2003	PBS
Jason Blackburn	2003	Geog & Anth
Arianne Watkins	2003	PBS
Binru Huang	2003	ExpStat
Kate Streva	2007	College Basic Sciences
Laura Basico	2007	ENVS
Ariele Baker	2007	ENVS
Priyan Perera	2007	ENVS
Christen Gautreau	2010	ENVS
Heather Spindel	2013	ENVS
Max Miller	2014	ENVS
Isobel Pribil	2018	ENVS

External Doctoral Student Examiner:

Roly Tinline (Bristol)	1972
Dan Dragon (Edmonton)	2000
Jonathan Knight (Brisbane)	2008
Ayesha Hassim (Pretoria)	2016

MAJOR AREAS OF RESEARCH INTEREST

Current:

Anthrax ecology & molecular epidemiology.

Disease surveillance:

(Ag)BT & BW events;

Emerging diseases.

Molecular epidemiology:

Bacillus anthracis;

other pathogens.

Previous:

Airborne spread of disease C Foot-&-mouth disease, Newcastle disease.

Anaplasmosis in Louisiana and St. Lucia.

Disease Surveillance C National programmes.

Economic impact of animal disease and control.

Epidemiology of porcine trichinellosis and toxoplasmosis.

Mathematical models of disease.

Molecular epidemiology: Newcastle disease virus

Remote sensing/GIS of vector-borne diseases and vectors:

Eastern equine encephalitis;

Endemic *Vibrio spp*;

Equine infectious anaemia;

Mycobacterium leprae.

Salmonellosis.

Use of serum banks in disease surveys.

Weather and animal diseases.