

**Biographical Sketch**

Provide the following information for the key personnel in the order listed for Form Page 2.  
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Thomas McKie Craig		POSITION TITLE Professor, Veterinary Pathobiology, College of Veterinary Medicine, Texas A&M University	
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INTITUTION AND LOCATION	DEGREE	YEAR(s)	FIELD OF STUDY
Colorado State University	B. S.	1959	Biology
Colorado State University	D. V. M.	1961	Veterinary Medicine
Texas A&M University	M.S.	1973	Veterinary Microbiology
Texas A&M University	Ph. D.	1975	Veterinary Medical Science

**NOTE: The Biographical Sketch may not exceed four pages. Items A and B may not exceed two of the four-page limit.**

**A. Positions and Honors.** List in chronological order previous positions, concluding with your present position. List any honors. Include present membership on any Federal Government public advisory committee.

**ACADEMIC APPOINTMENTS:**

1961-1963	Military Service, Ft. Slocum, New York, Military officer in charge, Sjaelland branch, Denmark division, U.S. Army Vet. Det. Europe Copenhagen, Denmark, and Ljubjana, Slovenia
1964-1965	Private Practice, Portales, New Mexico - beef, equine, dairy, swine.
1965-1969	Club Practice, TePuke, New Zealand - equine, dairy, sheep.
1969-1970	Private Practice, Arvada, Colorado - equine, small animal. Practicing veterinarian in five countries other than the United States.
1975-1977	Assistant Professor, Vet. Parasitology, TAMU
1977-1979	Assistant Professor, Vet. Microbiology and Parasitology, TAMU
1979-1985	Associate Professor, Vet. Microbiology and Parasitology, TAMU
1985-present	Professor, Vet. Pathobiology, TAMU

**AWARDS AND HONORS:**

1975	Phi Sigma - Honorary Biological Science
1978	Phi Zeta - Honorary Veterinary Medicine
1989	Associated Former Students - Texas A&M, College of Veterinary Medicine Outstanding Teaching Award
1993	Texas Veterinary Medical Association Teaching Award
1993-94	Phi Zeta - Honorary Veterinary Medicine, President
2004	Texas Veterinary Medical Association Teaching Award

**B. Selected (>180) peer-reviewed publications (in reverse chronological order).** Do not include publications submitted or in preparation.

1. Craig TM, Miller DK. Resistance by *Haemonchus contortus* to ivermectin in angora goats. Vet. Record, 126:580, 1990.
2. Lin KW, Keeton JT, Anderson ML, Craig TM, Huey R, Gates CE, Gamble HR, Custer C, and Cross HR. Physicochemical composition of dry-cured ham processed under minimal aging time/temperature conditions. J. Food Sci. 55:285-288, 1990.
3. Lin KW, Keeton JT, Anderson ML, Craig TM, Huey R, Longnecker MT, Gamble HR, Custer C, and Cross HR. Bioassay analysis of dry-cure ham processed to affected *Trichinella spiralis*. J. Food Sci. 55:289-292 & 297, 1990.
4. Devaney JA, Miller DK, Craig TM. Effects of horn fly and house fly (Diptera: Muscidae) larvae on the development of parasitic nematodes in bovine dung. J. Econ. Entomol. 83:1446-1448, 1990.
5. Pitts RM, Gardner SL, Smolen MJ, Craig TM. First reported occurrence of the filariid nematode *Litomosoides westi*, in *Geomys personatus*. Texas J. Sci. 42:416, 1990.
6. Smith JH, Craig TM, Dillard EA, Neill PJG, Jones JP. Naturally occurring apicomplexan acute interstitial pneumonitis in thick-billed parrots (*Rhynchopsitta pachyrhyncha*) J. Parasitol. 76:285-288, 1990.
7. Craig TM, Mercer SH, Wade CG, Lynn RC. The efficacy of nitroscanate against *Dipylidium caninum* and *Ancylostoma caninum* in naturally infected dogs. Am. J. Vet. Res.: 52:574-575, 1991.

8. Wade CG, Mercer SH, Hepler DI, Craig TM. Effect of milbemycin oxime against *Ancylostoma caninum*. Am. J. Vet. Res. 52:951-953, 1991.
9. Zarate JJ, Craig TM, Avalos R, Guzman MA, Davalos G, Ramirez R. Gastritis verminosa por *Physaloptera praeputialis* en El Gato. Veterinaria-Mexico, 22:185-190, 1991.
10. Craig TM, Hatfield TA, Pankavich JA, Wang GT. Efficacy of moxidectin against an ivermectin resistant strain of *Haemonchus contortus* in sheep. Vet. Parasitol., 41:329-333, 1992.
11. DeVaney JA, Craig TM, Rowe LD, Wade C, Miller DK. Effects of low levels of lice and internal nematodes on weight gain and blood parameters in calves in central Texas. J. Econ. Entomol. 85:144-149, 1992.
12. DeVaney JA, Craig TM, Rowe LD. Resistance to ivermectin by *Haemonchus contortus* in goats and calves. Int. J. Parasitol. 22:369-376, 1992.
13. Craig TM, Qureshi T, Miller DK, Wade CG, Rogers JA. Efficacy of two formulations of albendazole against liver flukes in cattle. Am. J. Vet. Res. 53:1170-1171, 1992.
14. Cohen ND, Loy JK, Lay JC, Craig TM, McMullan WC. Eosinophilic gastroenteritis with encapsulated nematodes in a horse. J. Am. Vet. Med. Assoc. 200:1518-1520, 1992.
15. Barnes JC, Stanley O, Craig TM. Diffuse cutaneous leishmaniasis in a cat. J. Am. Vet. Med. Assoc. 202:416-418, 1993.
16. Craig TM. Anthelmintic resistance. Vet. Parasitol., 46:121-131, 1993.
17. Craig TM, Teel PD, Dubuisson LM, Dubuisson RK. *Lynxacarus radovskyi* infestation in a cat. J. Am. Vet. Med. Assoc. 202:613-614, 1993.
18. Droleskey RE, Mercer SH, DeLoach JR, Craig TM. Ultrastructures of *Hepatozoon canis* in the dog. Vet. Parasitol., 50:83-90, 1993.
19. Taylor TS and Craig TM. Lungworms in donkeys: evaluation of anthelmintics under field conditions. J. Equine Vet. Sci. 13(3):150-152, 1993.
20. Rickard LG, Hoberg EP, Allen NM, Zimmerman GL, Craig TM. *Spiculoptera spiculoptera* and *S. asymmetrica* (Nematoda:Trichostrongyloidea) from red deer (*Cervus elaphus*) in Texas. J. Wildl. Dis., 29:512-515, 1993.
21. Craig TM. *Longistrongylus curvispiculum* (Nematoda: Trichostrongyloidea) in free-ranging exotic antelope in Texas. J. Wildl. Dis., 29:516-517, 1993.
22. Abbitt B, Craig TM, Jones LP, Huey RL, Eugster AK. Protozoal abortion in a herd of cattle concurrently infected with *Hammondia pardalis*. J. Am. Vet. Med. Assoc., 203:444-448, 1993.
23. Qureshi T, Drawe DL, Davis DS, Craig TM. Use of bait containing triclabendazole to treat *Fascioloides magna* infections in free ranging white-tailed deer. J. Wildlife Dis., 30:346-350, 1994.
24. Holman PJ, Craig TM, Crider DLD, Petrini KR, Rhyan J, Wagner GG. Culture isolation and partial characterization of a *Babesia* sp. from a North American elk (*Cervus elaphus*). J. Wildlife Dis., 30:360-365, 1994.
25. Abbitt B, Fiske R A, Craig TM, Bitter JW. Scrotal hydrocele secondary to ascites in 28 bulls. J. Am. Vet. Med. Assoc., 207:753-756, 1995.
26. Qureshi T, Wagner GG, Drawe DL, Davis DS, Craig TM. Enzyme-linked immunoelectrotransfer blot analysis of excretory-secretory proteins of *Fascioloides magna* and *Fasciola hepatica*. Vet. Parasitol., 58:357-363, 1995.
27. Rames DS, Miller DK, Barthel R, Craig TM, Dzieyc J, Helman RG, Mealey R. Ocular *Halecephalobus* (syn. micronema) *deletrix* in a horse. Vet. Pathol., 32:540-542. 1995.
28. Lichtenfels JR, Hoberg EP, Pilitt PA, Craig TM. The synopse and other structural characteristics of *Sarwaria bubalis* (Nematoda: Trichostrongyloidea) from cattle in Guyana. J. Parasitol. 82:146-154, 1996.

29. Miller DK and Craig TM. Use of anthelmintic combinations against multiple resistant *Haemonchus contortus* in Angora goats. *Small Rumin Research*, 19:281-283, 1996.
30. Scott TP, Simcik SR, Craig TM. Endohelminths of American alligators (*Alligator mississippiensis*) from southeast Texas. *J. Helminthol. Soc. Wash.* 64:258-262, 1997.
31. Peterson MJ, Purvis JR, Lichtenfels JR, Craig TM, Dronen NO, Silvy NJ. Serologic and parasitologic survey of the endangered Attwater's prairie chicken. *J. Wildlif Dis* 34:137-144, 1998.
32. Amarante AFT, Craig TM, Ramsey WS, Davis SK, Bazer FW. Nematode burdens and cellular responses in the abomasal mucosa and blood of Florida native, Rambouillet and crossbreed lambs. *Vet. Parasitol.*, 80:311-324, 1999.
33. Amarante AFT, Craig TM, Ramsey WS, El-Sayed NM, Desouky AY, Bazer FW. Comparison of naturally acquired parasite burdens among Florida native, Rambouillet and crossbreed ewes. *Vet. Parasitol.*, 85:61-69, 1999.
34. Young KE, Garza V, Snowden K, Dobson RJ, Powell D, Craig TM. Parasite diversity and anthelmintic resistance in two herds of horses. *Vet. Parasitol.*, 85:205-214, 1999.
35. Craig TM. Considerations for the control of equine cyathostomes in arid areas. *Vet. Parasitol.*, 85:181-188, 1999.
36. Hill LR, Kille PS, Weiss DA, Craig TM. Coghlan, L.G.: *Demodex musculi* in the skin of transgenic mice. *Contemporary Topics in Lab Animal Sci.*, 38(6):13-18, 1999.
37. Scott TP, Simcik SR, Craig TM. A key to some pentastome, nematode and trematode parasites of the American alligator. *Texas J. Sci.* 51:127-138, 1999.
38. Chae JS, Waghela SD, Craig TM, Kocan AA, Wagner GG, Holman PJ. Two *Theileria cervi* SSU v RNA gene sequence types found in isolates from white-tailed deer and elk in North America. *J. Wildlife. Dis.* 35:458-465, 1999.
39. Holman PJ, Madeley J, Craig TM, Allsopp BA, Alsopp MTEP, Petrini KR, Waghela SD, Wagner GG. Antigenic, phenotypic and molecular characterization confirms *Babesia odocoilei* isolated from three cervids. *J. Wildlif. Dis.* 36:518-530, 2000.
40. Echols MS, Craig TM, Speer BL. Heartworm (*Paronocerca cinconarum*) infection in 2 saddle-billed storks, (*Ephipporhynchus senegalensis*). *J. Avian Med. Surg.* 14(1):42-46, 2000.
41. Barling KS, McNeill JW, Thompson JA, Paschal JC, McCollum FT III, Craig TM, Adams LG. Association of serologic status for *Neospora caninum* with postweaning weight gain and carcass measurements in beef calves. *J. Am.Vet. Med. Assoc.*, 217:1356-1360, 2000.
42. Barling KS, Sherman M, Peterson MJ, Thompson JA, McNeill JW, Craig TM, Adams LG. Spatial associations among density of cattle, abundance of wild canids and seroprevalence to *Neospora caninum* in population of beef calves. *J. Am.Vet. Med. Assoc.*, 217:1361-1365, 2000.
43. Young KE, Jensen JM, Craig TM. Evaluation of anthelmintic activity in captive wild ruminants for fecal egg reduction tests and larvae development assay. *J. Zoo and Wildlife Med.* 31:348-353, 2000.
44. Barling KS, McNeill JW, Thompson JA, Paschal JC, McCollum FT III, Craig TM, Adams LG, Thompson JA. Ranch management factors associated with antibody seropositivity for *Neospora caninum* in consignments of beef calves in Texas, USA. *Preventive Vet. Med.* 52L53-61, 2001.
45. Fradkin, JM, Braniecki AM, Craig TM, Raimiro-Ibanez F, Rogers KS, Zoran DL. Elevated parathyroid hormone-related protein and hypercalcemia in two dogs with schistosomiasis. *J. Am. Animl. Hosp. Assoc.* 37:349-355, 2001.
46. Russell KE, Barnhart KF, Fryer JS, Craig TM. Buffy coat smear from a puppy. What is your diagnosis. *Vet Clin Path* 31:9-12, 2002.
47. Craig TM, Scrutchfield WL, Thompson JA, Bass EE. Comparison of anthelmintic activity of Pyrantel, Praziquantel, and Nitazoxanide against *Anoplocephala perfoliata* in horses. *J. Equine Vet. Sci.* 23:68-70, 2003.

48. Lacasse C, Travis E, Gamble KC, Craig T. Cestode cysts in two African giant pouched rats (*Cricetomys gambianus*). J. Zoo Wildlife Med.36: 95-99, 2005.
49. Fleming SA, Craig T, Kaplan RM, Miller JE, Navarre C and Rings M. Anthelmintic resistance of gastrointestinal parasites in small ruminants. J. Vet. Intern. Med. 20: 435-444, 2006.
50. Dronen NO, Craig TM, Hammond EA. *Szidatitrema yamagutii* n. sp. (Digenea: Cyclocoelidae: Ophthalmophaginae) from the bearded barbet, *Lybius dubius* (Capitoniidae), and the white-necked myna, *Streptocitta albigollis* (Sturnidae), that died in a mixed-species indoor aviary at the Audubon Zoo in New Orleans, Louisiana, U.S.A. Zootaxa 1219: 59-68, 2006.

**C. Research Support.** List selected ongoing or completed (during the last three years) research projects (federal and non-federal support). Begin with the projects that are most relevant to the research proposed in this application. Briefly indicate the overall goals of the projects and responsibilities of principal investigator identified above.

Effect of *Fasciola hepatica* on beef heifers. Merial 2002-2004 Co-Investigator D. Magee, D. Forrest.

Effect of *Fasciola hepatica* on feed lot steers. Merial 2003.-2004 Co-Investigator, D. Lunt