

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 Libal, Melissa C.		POSITION TITLE Associate Professor, Clinical Microbiologist 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.)			
INSTITUTION AND LOCATION	DEGREE	YEAR(s)	FIELD OF STUDY
UC Davis	DVM	1977	Veterinary medicine
UC Davis	MA	1973	Microbiology (veterinary)
Indiana University	BA	1970	Microbiology

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:

2004-present Clinical Assoc Prof, Department of Pathobiology, College of Veterinary Medicine, Texas A&M University
 1998-2004 Veterinary Bacteriologist, TVMDL
 1996-1998 Adjunct Instructor, Veterinary Microbiology, Iowa State University Veterinary Diagnostic Laboratory, 3/4 time, Private practice, (part-time), Brookings Animal Clinic, Brookings, SD.
 Associate Professor, SDSU, Veterinary Extension, part-time, temporary
 1979-1990 Associate Professor, Assistant Professor and Instructor, SDSU, Department of Veterinary Science, Animal Disease, Research and Diagnostic Laboratory
 1978-1979 Resident I, Food Animal Medicine and Surgery, University of California, Davis, CA
 1977-1978 Intern, Food Animal Medicine and Surgery, University of Georgia, Athens, GA

HONORS AND AWARDS:

Regents Scholarship, University of California, Davis (Veterinary School)

PROFESSIONAL ORGANIZATIONS:

American Veterinary Medical Association
 American College of Veterinary Microbiologists
 American Association of Veterinary Laboratory Diagnosticians
 American Society of Microbiology

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

- 2007 Hannafusa Y, Bradley A, Tomaszewski E, **Libal MC**, Phalen D Growth and metabolic characterization of *Macrorhabdus ornithogaster* JVDI 19 (3) 256-265.
- 2007 Grimm MB, Cohen ND, Slovis NM, Mundy GD, Harrington JR **Libal MC**, Takai S, Martens RJ. Evaluation of fecal samples from mares as a source of *Rhodococcus equi* for their foals by use of quantitative bacteriologic culture and colony immunoblot analyses. AJVR 68 (1): 63-71.
- 2007 Scott HM, Fosgate GT, **Libal MC**, Sneed LW, Erol E, Angulo AB Jordan ER Field testing of an enhanced direct-fecal polymerase chain reaction, procedure, bacterial culture of fecal samples, and a serum enzyme-linked immunosorbent assay for detecting *Mycobacterium avium* subsp *paratuberculosis* infection in adult dairy cattle. AJVR 68 (3): 236-245.
- 2007 Fatal Pneumonia Among Metalworkers Caused By Inhalation Exposure to *Bacillus cereus* containing *Bacillus anthracis* Toxin Genes. S.Avashis, W Riggins, C.Lindley, A Hoffmaster, R Drumgoole, T. Nekomoto, P Jackson, K Hill, K Williams, L Lehman, **M Libal**, P Wilkins, J Alexander, A Tvaryanas, T Betz. Clin Infect Disease.1;44 (3) 414-16. Epub Dec 27, 2006.
- 2005 Effects of Seasonal Climatic Conditions on the Diagnosis of *Mycobacterium avium* subspecies *paratuberculosis* in Dairy Cattle. SJ Strickland, HM Scott, **MC Libal**, AJ Roussel, ER Jordan. Jour Dairy Sci 88 (7) p2432-2440.
- 2005 Prevalence and risk factors for paratuberculosis in purebred beef cattle. A. Roussel, **M. Libal**, R. Whitlock, T. Hairgrove, K. Bartling, J. Thompson. JAVMA 226 (5), p773-778.
- 2005 Isolation of *Cokeromyces recurvatus*, initially misidentified as *Coccidioides immitis*, from peritoneal fluid in a cat with jejunal perforation. JVDI 17: 372-378. C. Nielsen, D. Sutton, I. Matise, N. Kirchhof, **M. Libal**

8. 2004. Rapid and Sensitive Detection of *M. avium subsp paratuberculosis* in Bovine Milk and Feces by a Combination of Immunomagnetic Bead Separation-Conventional PCR and Real-Time PCR. Jour Clin Micro Mar 2004, p 1075-1981. Khare S, Ficht T, Santos R, Romano J, Ficht A, Zhang S, Grant I, **Libal M**, Hunter D, Adams G.
9. Zeman DH, Neiger R, Nietfield J, Miskimins D, **Libal M**, Johnson D, Janke B, Gates C, and Forbes K. Systemic *Pasteurella haemolytica* infection as a rare sequel to avirulent live *Pasteurella haemolytica* vaccination in cattle. J Vet Diagn Invest 5:555-559.
10. 1992. Kirkbride CA, JP Dubey and **MC Libal**. Effect of feeding lasalocid to pregnant ewes experimentally infected with *Toxoplasma gondii*. Vet Parasit 44: 299-303.
11. Janke BH, DH Francis, JE Collins, **MC Libal**, DH Zeman, DD Johnson, and RD Neiger. Attaching and effacing *E. coli* infection as a cause of diarrhea in young calves. JAVMA 196:896-901.
12. Kirkbride CA, C Gates, and **MC Libal**. Ovine and bovine abortion associated with *Fusobacterium nucleatum*. J Vet Diagn Invest 1:272-273.
13. Janke BH, DH Francis, JE Collins, **MC Libal**, DH Zeman, and DD Johnson. Attaching and effacing *E. coli* infections in calves, pigs, lambs, and dogs. J Vet Diagn Invest 1:6-11.
14. Benfield DA and **MC Libal**. Pseudorabies in a flock of lambs. Compendium on Continuing Education for the Practicing Veterinarian 8(11):F116-118.
15. **Libal MC**. Comparison of minimal inhibitory concentration and disk-diffusion antimicrobial sensitivity testing of bacterial pathogens isolated from food animals. Am J Vet Res 46:1200-1205.
16. Collins JE, **MC Libal**, and D Brost. Proliferative enteritis in two pups. JAVMA 183:886-889.
17. **Libal MC** and CA Kirkbride. *Brucella ovis*-induced abortion in ewes. JAVMA 183:553-554.
18. **Libal MC** and C Gates. Antibiotic resistance in *E. coli* strains isolated from pigs with diarrhea. JAVMA 180:908-909.
19. Hirsh DC, LD Martin, and **MC Libal**. R plasmid-mediated antimicrobial resistance in *Haemophilus pleuropneumoniae*. Am J Vet Res 43:269-272.
20. **Libal MC** and C Gates. Antimicrobial sensitivity patterns of *Haemophilus pleuropneumoniae* isolates from pigs with pneumonia. JAVMA 180:399.
21. BonDurant RH, **MC McDonald**, and A Trommershausen-Bowling. Probable freemartinism in a doe. JAVMA 177:1024.
22. **McDonald MC** and EL Biberstein. Determination of bacterial susceptibility to tylosin by single-disk diffusion tests. Am J Vet Res 35:1563-1565.