

BIOGRAPHICAL SKETCH

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

NAME		POSITION TITLE	
Duane C. Kraemer		Professor Veterinary Physiology & Pharmacology and Animal Science	
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
University of Wisconsin, Madison, WI	BS	1955	Animal Husbandry
Texas A&M University, College Station, TX	MS	1960	Reproductive Physiology
Texas A&M University, College Station, TX	BS	1965	Veterinary Science
Texas A&M University, College Station, TX	DVM	1966	Veterinary Medicine
Texas A&M University, College Station, TX	PhD	1966	Reproductive Physiology

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.

Professional Appointments:

1960-1963 Instructor, Department of Animal Science, Texas A&M University
 1966-1975 Scientist, Southwest Foundation for Research and Education, San Antonio, TX
 1974-1976 Clinical Professor, Department of Obstetrics and Gynecology, University of Texas Medical School at San Antonio, TX
 1975-1978 Associate Professor, Veterinary Physiology and Pharmacology, Texas A&M University
 1978- Professor, Veterinary Physiology and Pharmacology, and Animal Science, Texas A&M University (Tenured 1980)
 1983-1992 Adjunct Professor of Veterinary Medicine and Surgery, The University of Texas System Cancer Center, M.D. Anderson Hospital Tumor Institute, Houston, TX
 1985- Professor, Faculty of Genetics, Texas A&M University
 1990-1997 Associate Dean for Research and Graduate Programs, College of Veterinary Medicine and Associate Director of the Texas Agricultural Experiment Station
 1992- Director, Project Noah's Ark Science Program, TAES

Honors:

1979 Faculty Achievement Award (Research), Texas Veterinary Medical Association
 1980 Faculty Distinguished Achievement Award for Research
 1983 Creative Programming Award, National University Continuing Education Association
 1983 Vice Chancellor Award for Agriculture Team Research
 1989 USDA Superior Service Award for Outstanding Research (member of team)
 1990 Deputy Chancellors Awards for Agriculture Team Research
 2003 Veterinary Medical Specialty Award, Texas Veterinary Medical Association
 2006 International Embryo Transfer Pioneer Award

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

Otoi T., Willingham L., Shin T., Kraemer D.C, Westhusin M.E. Effects of oocytes culture density on meiotic competence of canine oocytes. *Reproduction* 124:775-781, 2002.

Shin T., Kraemer D.C., Pryor J., Buck S., Murphy K., Lyons L., Westhusin M.E. Cell Biology: A cat cloned by nuclear transplantation. *Nature* 415(6874):859, 2002.

Westhusin M., Hinrichs K., Choi Y-H., Shin T., Liu L., **Kraemer D.** Cloning companion animals (horses, cats, and dogs). *Cloning and Stem Cells* 5:301-317, 2003.

Willingham-Rocky L.A., Hinrichs K., Westhusin M.E., **Kraemer D.C.** Effects of stage of oestrous cycle and progesterone supplementation during culture of maturation of canine oocytes in vitro. *Reproduction* 126:501-508, 2003.

Otoi T., Shin T., **Kraemer D.C.**, Westhusin M.E. Influence of maturation culture period on the development of canine oocytes after in vitro maturation and fertilization. *Reprod Nutr Dev* 44:631-637, 2004.

Romano J.E., Thompson J.A., Forrest D.W., Westhusin M.E., Tomaszewski M.A., **Kraemer D.C.** Early pregnancy diagnosis by transrectal ultrasonography in dairy cattle. *Theriogenology* 2006 (Online 11 April 2006.)

Mortensen C., Choi Y.H., Hinrichs K., Ing N., **Kraemer D.**, Vogelsang S., Vogelsang M. Effects of exercise on embryo recovery rates and embryo quality in the horse. *Animal Reproduction Science* 94:395-397, 2006.

Romano J.E., Thompson J.A., **Kraemer D.C.**, Westhusin M.E., Forrest D.W., Tomaszewski M.A. Early pregnancy diagnosis by palpation per rectum: Influence on embryo/fetal viability in dairy cattle. *Theriogenology* 67:486-493, 2007.