



Curriculum Vitae

Faculty Name: Yassin M. Elhassan **Work Address:** P.O. Box 519; MS 2210
 Prairie View, TX 77446
Position Title: Adjunct Instructor
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Education:	Degree and Area of Study	Institution Name	Degree Date
	Ph.D. in Physiology	University of Arizona	August 1984
	Master in Animal Sciences	University of Arizona	May 1981
	Bachelor of Veterinary Medicine	University of Khartoum	August 1975

Teaching Experience	Position Title	Institution Name	Position Dates (Beginning and End)
	Adjunct Instructor	Prairie View-Texas A&M University	Aug. 2014 - current
	Adjunct Instructor	Lone-Star Cy-Fair College	Jan 2007 - current
	Adjunct Instructor	Texas A & M University	May 1995 - 2000
	Adjunct Faculty	University of Khartoum	Nov. 1985 – June 1987
	Adjunct Faculty	University of Juba	June 1986 – June 1987
	Senior Faculty	Khartoum North, Sudan	Sept. 1984 – June 1987

Professional Publications:

Elhassan YM, G Wu, AC Lean'ez, RJ Tasca, AJ Watson and ME Westhusin. 2001. Amino Acid Concentrations in Fluids from the Bovine Oviduct and Uterus and in KSOM-Based Culture Media Theriogenology. 55:1907-1918

Elhassan YM, Shin T, Tasca RJ, Kraemer DC . 2001. In vitro culture of cloned and in vitro fertilized bovine embryos in a chemically defined culture medium. Theriogenology. 55: 266.

Shin T, Elhassan Y, Caveney A, Watson A, Looney C, Kraemer D, Westhusin M. 2001. Comparison of embryo survival rates and apoptotic levels in cloned bovine embryos cultured in semidefined medium (G1/G2) and chemically defined medium. Theriogenology. 55: 291.

Elhassan YM, X Zhang, DC Kraemer and ME Westhusin. 2000. Blastocyst development of in vitro produced morula-stage bovine embryos briefly exposed to Ultraviolet light following Hoechst staining. J. Biol. Reprod. 62: 253 (Suppl 1).

Additional Trainings/Skills:

Computer: Word Processing (MS word), Spread Sheet (Excel), Power Point, Fortran 77, Visual Basic (Introductory), Image Analysis (Optimas), Computer-aided Semen Analysis (CASA), Statistical Analysis (SAS).

Teaching: Use of audiovisual aids in teaching; such aids included overhead and slide projectors, models, posters, project models, and media software. Use of long distance learning techniques

and applications as supportive supplemental tools in classroom instruction setting. Online teaching

Laboratory: Radioimmunoassay, Flowcytometry (sexing), In vitro Maturation, In Vitro Fertilization, Embryo & Cell culture, Cytochemical staining techniques (immuno, differential, fluorescent and histochemical), Basic Molecular biology techniques (above), Western Blot, RNA and ribosome extraction, Paternity Testing (Short Tandem Repeat Analysis & Genotyping).

Equipment: Spectrophotometers; Fluorometers; Gel Documentation; PCR; Regular and Water-jacketed Incubators; Mini, Macro and Ultracentrifuges; Scintillation Counters; Dissection, Compound, Inverted and Micromanipulation Microscopes; Alcohol & Liquid Nitrogen Semen and Embryo Freezers; The Hamilton Thorne Semen Auto-analyzer; Semen Straw printers, Straw Fillers, and Straw Sealers; Ultra-purification Water Systems; pH-meters, Osmometers, Autoclaves, Homogenizers & Sonicators; Gel Electrophoresis Units; Auto-analyzers (protein, DNA etc), ABI 310 Gene Analyzer, and other equipment and apparatuses associated with routine laboratory work.

Professional: Working with various mammalian species including Bovine, Ovine, Caprine, Equine, Mice, Rats, and Human