

# Curriculum Vitae<sup>1</sup>

**Randy Louis Stanko**

## OFFICE ADDRESS

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## EDUCATION

<u>Institution</u>	<u>Dates</u>	<u>Degree</u>	<u>Major</u>	<u>Minor</u>
Colo. State Univ.	1980 - 1985	B.S.	ANSC	
Texas A&M Univ.	1986 – 1988	M.S.	Phy. of Reprod.	
N. C. State Univ.	1988 - 1993	Ph.D.	Physiology	ANSC

## PROFESSIONAL EXPERIENCE

**2010-present**, Professor of Animal Science

**1999-2009**, Associate Professor of Animal Science

Dept. of Animal & Wildlife Sci., TAMU-Kingsville (75%, 9-month)

TAES-Beeville and Physiology of Reproduction and Growth Section (25%, 12-month),

Dept. of Animal Science, Texas A&M University

## TEACHING EXPERIENCE

### Sept. 1994 to Present

**Texas A&M University-Kingsville, Kingsville TX**

#### Undergraduate Courses Taught

ANSC 2310 Livestock Management Techniques

ANSC 3304 Beef Management

ANSC 3305 Market Classes and Grades of Livestock

**ANSC 3308 Sheep and Meat Goat Management**

**ANSC 3313 Reproductive Physiology of Domestic Animals**

ANSC 3336 Artificial Breeding of Livestock

ANSC 4303 Anatomy and Physiology of Domestic Animals

<sup>1</sup>Updated 8/2021

### Graduate Courses Taught

ANSC 5307 Physiology of Mammalian Reproduction  
ANSC 5333 Mammalian Endocrinology  
ANSC 5390-002 Advanced Beef Production

### Additional Graduate Course Team Taught

ANSC 5336 Environmental Physiology of Animals

### Courses for Spring Semester 2019

ANSC 3304 Beef Management  
ANSC 5333 Mammalian Endocrinology

## **GRADUATE STUDENT ADVISING**

### TAMU-Kingsville Graduate Students

Current Graduate Students:	1 M.S.
Graduated Graduate Students:	20 M.S.
Graduate Advisory Committee Member:	36 M.S.

## **PUBLICATIONS**

### Refereed Journal Articles

G.L. Williams and **R.L. Stanko**. 2020. Pregnancy rates to fixed-time AI in *Bos indicus*-influenced beef cows using PGF2 $\alpha$  with (Bee Synch I) or without (Bee Synch II) GnRH at the onset of the 5-day CO-Synch + CIDR Protocol. *Theriogenology* 142, pp. 1-7.

Grace, J., Sandra Rideout-Hanzak, **Randy Stanko**, Veronica Acosta-Martinez, Alfonso Ortega-S and David Wester. 2019. Soil seed bank characteristics in rangelands with increasing invasion of *Heteropogon contortus* or *Eragrotis Lehmanniana*. *J. of Arid Environments* 170, 104009.

Grace, J., Veronica Acosta-Martinez, Sandra Rideout-Hanzak, **Randy Stanko**, Alfonso Ortega-S, and David Wester. 2019. Soil microbial community size and composition changes along a tanglehead (*Heteropogon contortus*) gradient in a semiarid region. *Applied Soil Ecology*, 138, pp. 37-46.

Scarpa, J.O., M.M. O'Neil, R.C. Cardoso, **R.L. Stanko**, and G.L. Williams 2019. Ovarian follicular and luteal characteristics in *Bos indicus*-influenced beef cows using prostaglandin F<sub>2 $\alpha$</sub>  with or without GnRH at the onset of the 5-day CO-Synch + Controlled Internal Drug Release (CIDR) protocol. *Animal Reproduction Science*, 204, pp. 1-9.

Katchko, R.A., J.R. Wise, E.A. Benavides, M.A. Ramirez, L. Ayala, F. Xie, C.W. O'Gorman, D.H. Keisler, **R.L. Stanko**, M.R. Garcia. 2017. The effect of leptin on luteal angiogenic factors in the developing porcine corpus luteum. *JSM In Vitro Fertil.* 2(3):1020-1026.

### Book Chapter:

Ramirez, M.A. A.A. Arellano, F. Xie, E.A. Benavides, R.A. Katchko, L. Ayala, A. Calderon, R.A. Flores, J.M. Escudero, D.H. Keisler, **R.L. Stanko**, M.R. Garcia. 2017. Role of Leptin in the Development of the Corpus Luteum, In: *Leptin: Production, Regulation and Functions*, Nova Science Publishers, pg 74-105.

Wiles, J. R., R.A. Katcho, E.A. Benavides, C.W. O’Gorman, J.M. Ecudero, D.H. Keisler, **R.L. Stanko**, and M.R. Garcia. 2014. The effect of leptin on luteal angiogenic factors during the luteal phase of the estrous cycle. Anim. Reprod. Sci. Vol. 148, Issues 3-4, pp. 121-129.

### **Proceedings**

Williams, G.L., **R.L. Stanko**, and M. Amstalden. 2015. Evolving concepts in the development and application of synchronization protocols for fixed-time AI in *Bos indicus*-influenced cattle BEE SYNCH I and II. Proceedings, 61<sup>st</sup> Annual TAMU Beef Cattle Short Course, pp. E-18 – E25.

### **Abstracts**

V.V. Flores, J.A. Martinez, M. R. Garcia, and **R.L. Stanko**. 2019. *Reproductive performance of Dorper ewes with varying days postpartum to ram introduction in the non-breeding season*, (Abstract PSX-38, e-poster: 2019 Annual ASAS-CSAS. AUstin, TX, July 8-11, 2019).

**Stanko, R.L.**, V.V. Flores, J.A. Martinez, and E.C. Taylor. 2018. *Utilization of Hair Sheep as an alternative small ruminant in South Texas*, (Invited Conference Abstract, oral: 72<sup>th</sup> Annual Subtropical Agriculture and Environments Society. Monte Alto, TX, Feb. 9, 2018).

Rocha, T.C., J. Ramirez, B.B. Carpenter, C. Howell, J. King, T.J. Machado, and **R.L. Stanko**. 2017. *Prostaglandin at Initiation of 7-d CO-Synch + CIDR Protocol Improves Estrus Response but not Pregnancy Rate*. (Abstract 73: Southern Section, American Society of Animal Science. Franklin, TN. Feb. 4, 2017).

Scarpa, J.O, M.M. O’Neil, R.C. Cardoso, **R.L. Stanko**, and G.L. Williams. 2017. Follicle dynamics and fertility at fixed-time AI of *Bos indicus*-influenced beef cows synchronized with 5-Day Bee Synch + CIDR protocol with or without GnRH on day 0. (Abstract 480: 2017 ASAS-CSAS Annual Meeting, Baltimore, MD; July 8-12, 2017).