

Curriculum Vitae

Randy Louis Stanko

OFFICE ADDRESS

Department of Animal Science
And Veterinary Technology
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Animal Reproduction Laboratory
Texas A&M University AgriLife Research
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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 Reproduction	
N. C. State Univ.	1988 - 1993	Ph.D.	Physiology	ANSC

PROFESSIONAL EXPERIENCE

2010-present Professor of Animal Science, ASVT Dept., TAMUK

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

1994-1999 Assistant Professor of Animal Science

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

TAES-Bee

2001 Nominee USDA Agriculture Teaching Award

2003 Nominee USDA Agriculture Teaching Award

2003 Excellence in Teaching Award, College Ag. & Human Sciences, TAMUK

2004 Distinguished Teaching Award, Javelina Alumni Association

2006 Service Excellence Award, College Ag., Natural Resources, & Human Sciences

- 2008 Sr. Teaching Award, The Dick & Mary Lewis Kleberg College of Ag., Natural Res/H.S.
2022 Sr. Teaching Award, The Dick & Mary Lewis Kleberg College of Ag. & Natural Resources

TEACHING EXPERIENCE

Sept. 1994 to Present

Texas A&M University-Kingsville, Kingsville TX

Graduate Courses Taught

ANSC 5307 Physiology of Mammalian Reproduction (even years)

ANSC 5333 Mammalian Endocrinology (odd years)

ANSC 5390-002 6 S H F L D O 7 R S L F V ¶

Additional Graduate Course Team Taught

Graduate Advisory Committee Member:

[18]

Elizabeth Aguirre *8/10	Luis Ayala *5/15	Makenzie Lowke *8/22
Robin Katchko *8/10	Adrian Arellano*8/16	Islyn Gilmore 5/23
Fang Xie *8/11	Alexandra Calderon*5/16	
Martha Ramirez *8/12	Ph.D. J. L. Grace *2016	
Jake Salvagno *8/12	Gustavo Faz*12/18	
Kathrine Korzeniewski *5/12	John Olsen 5/19	
Janine Szafranski *5/12	Maria Cantu 12/19	
Rita Flores *5/15	Xiomara Cortez 5/21	

* Indicates a thesis student, all other are nothesis research project or courses only program

COMMITTEE ASSIGNMENTS

CURRENT

Chair, TAMU-K Institutional Animal Care and Use Committee (IACUC), 2012-present
Member, TAMU-K Teaching Farm Advisory Committee, 2011-present
Member, College of Agriculture & Human Sciences Tenure/Promotion, 2020-2024
Member, ASVT Promotion, and Promotion/Tenure Committee, 2002-present
Member, ANSC Student Excellence Award Committee, annually

COMPLETED

Chair, College of Agriculture & Human Sciences Tenure/Promotion, 2018-2019 2022
Chair, College of Agriculture & Human Sciences, Curriculum Committee, 2015-2021
Member, TAMUK Javelina Alum. Assoc. Distinguished Teaching/Research Award Committee, 2012-2021
TAMUK Strategic Planning Committee, Provost appointed member, 2020-2021
Member, ARWS Curriculum Committee, 1998-2019
Member, ASAS Southern Section, Physiology Committee, 2013-2016, Chair 2017
Chair, TAMU-K Curriculum Committee, 2000-2011
Chair, ARWS Director of Veterinary Technology Search Committee, 2012
Chair, ANSC Faculty Search Committee, 2009
Member, ASAS Southern Section Outstanding Young Animal Scientist Education Award Committee, 2012-2016 Chair 2016
Member, ARWS VETT Lg. Animal Pavilion Project, 2016
Member, College Annual Evaluation Criteria Committee, 2014-2015
Member, TAMU-K Student Service Fee Committee, 2013-2015
Member, College Teaching Farm Manager Search Committee, 2015
Member, TAMU-K Undergraduate Program Review Committee, 2014-2015
Member, KRIRM Endowed Chair Search Committee, 2015
Member, TAMU-K Teaching Farm Long-Term Animal Facilities Planning Committee, 2014
Member, ARWS Animal Nutritionist Position Search Committee, 2014
Member, TAMU-K University Appeals Committee, 2011-2013
Member, TAMU-K Curriculum Committee, 1997-2000
Member, TAMUK Calendar Committee, 2008-2012
Member, TAMU-K Institutional Animal Care and Use Committee (IACUC), 2011-2012
Member, TAMU-K Teaching Farm Improvement Committee, 1994-2010
Member, College Teaching Farm Manager Search Committee, 2010

PUBLICATIONS

Refereed Journal Articles

J.K. Taylor, R.L. Stanko, R. Rhoades, K.C. McCuiston, C. Mathis, R. Machen, B.L. Turner. 2022. Can early weaning calves of first-calf heifers improve long-term herd and financial performance in a vertically-integrated beef production system? A case-study application using system dynamics. *Applied Anim. Sci.*, 38:183-199.

G.L. Williams and R.L. Stanko. 2020. Pregnancy rates to fixed-time AI in *Bos indicus*-influenced beef cows using 3*) . Z L W K % H H 6 \ Q F K , R U Z L W K R X W % H H 6 C C S K h , + C I D Q 5 + D W W K H R 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 *Heterpogon contortus* or *Eragrotis Lehmanniana*. *J. of Arid Environments* 170, 104009.

Grace, J., Veronica Acosta-Martinez, Sandra Rideout-

- Jackson, R.H., S.D. Lukefahr, R.L. Stanko, and D.O. Flores. 2008. Testosterone and dihydrotestosterone production in genetically furless and furred male rabbits and effects on growth. WRSA - 9th world Rabbit Congress, July 10-13, 2008-Verona - Italy. pp 137-141.
- Saldarriaga, J.P., D.A. Cooper, J.A. Cartmill, J.F. Zuluaga, R.L. Stanko, and G.L. Williams. 2007. Ovarian, hormonal, and reproductive events associated with synchronization of ovulation and timed appointment breeding of *Bos indicus*-influenced cattle using intravaginal progesterone, gonadotropin-releasing hormone and prostaglandin F. J. Anim. Sci. 85:151-162.
- Kanani, J., S.D. Lukefahr and R.L. Stanko. 2006. Evaluation of tropical forage legumes (*Medicago sativa*, *Dolichos lablab*, *Leucaena leucocephala*, and *Desmanthus bicornutus*) for growing goats. Small Ruminant Research 65: 1-7.
- < O D W V X P R W R & : 2 ¶ * R U P D Q (R. L. Stanko, M.R. Garcia. Effects of Day of Birth, Estrous Cycle, and 17b-Estradiol on Adipocyte Leptin, ERa, and ERb Gene Expression in Gilts. J. Anim. Veterin. Advan. 2006 5:762.770.
- Amstalden, M., D. A. Zieba, M. R. Garcia, R. L. Stanko, T. H. Welsh Jr. W. H. Hansel. 2004. Evidence that lamprey GnRH-III does not release FSH selectively in cattle. Reproduction. 127:35-43.
- Amstalden, M., D.A. Zieba, J.F. Edwards, P.G. Harms, T.H. Welsh, Jr., R.L. Stanko, and G.L. Williams. 2003. Leptin acts at the bovine adenohypophysis to enhance basal and Gonadotropin-Releasing Hormone-mediated release of LH: differential effects are dependent upon nutritional history. Biology Reprod. 69:1539-1544.
- Amstalden M., M. R. Garcia, R. L. Stanko, S. E. Nizielski, C. D. Morrison, D. H. Keisler, and G. L. Williams. 2002. Central infusion recombinant ovine leptin normalizes plasma insulin and stimulates a novel hypersecretion luteinizing hormone release after short-term fasting in mature beef cows. Biol. Reprod., 66:1555-1561.
- Amstalden, M., M. R. Garcia, S. W. Williams, R. L. Stanko, S. E. Nizielski, D. H. Keisler, and G. L. Williams. 2000. Leptin gene expression, circulating leptin, and luteinizing hormone pulsatility are acutely responsive to short-term fasting in prepubertal heifers: Relationship to circulating insulin and insulin-like growth factor -I. Biol. Repro. 63:127-133.
- Garcia M.R., M. Amstalden, S.W. Williams, R.L. Stanko, C.D. Morrison, D.H. Keisler, S.E. Nizielski, and G.L. Williams. 2002. Serum leptin and its adipose gene expression during pubertal development, the estrous cycle, and different seasons in cattle. J. Anim. Sci. 80:2158-2167.
- Williams, S. W., R. L. Stanko, M. Amstalden, C. D. McKown, and G. L. Williams. 2002. Comparison of three approaches for synchronization of ovulation for timed artificial insemination in Brahman-influenced cattle managed on the Texas gulf coast. J. Anim.Sci. 80:1173-

Gazal, O.S., L.S. Leshin, R.L. Stanko, L. L. Anderson, and G.L. Williams. 1998. Pulsatile release of gonadotropin-releasing hormone into third ventricle cerebrospinal fluid of cattle: Correspondence with the tonic and surge release of luteinizing hormone and its tonic inhibition by suckling and neuropeptide Y. Biol Reprod. 59: 676-683

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, 61st Annual TAMU Beef Cattle Short Course, pp. E-18 -E25.

Abstracts

S.D. Nelson, R.L. Stanko, C. Donato-Molina, T. Machado, S. Chumbley, D. Sotomayor, K. Jayachandran, and M. Bhat. Getting occupational student training in agricultural research through novel workshops. Panel: *Investing in Equity & Agriculture: USDA-funded Collaborations at Hispanic-Serving Institutions*. A Community on Ecosystem Services (ACES) Conference. Austin, TX. Dec. 9-12, 2024 (Invited).

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: 72th 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).

Stanko, R.L., V.V. Flores, J.A. Martinez, and E.C. Taylor. 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).

Stanko, M.R. Garcia. 2017. Spatial and temporal identification of leptin and OB-Rb in the developing porcine corpus luteum. Fall 2017. 14th Annual Pathway Student Research Symposium. 3rd Place Masters Poster Presentation. Tarleton State University.

Stanko, M.R. Garcia. 2017. Spatial and temporal identification of leptin and OB-Rb in the developing porcine corpus luteum. Fall 2017. Javelina Research Symposium.

J.A. Martinez, S.R. Joseph, H.C. Nelthrop, S.A. Lakos, H.G. Kattesh, S.A. Lockwood, B.E. Gillespie, R.L. Stanko, and R.W. Godfrey. 2017. Cortisol Dynamics in young Senepol Cattle. (Abstract 39:

North American Colleges and Teachers of Agriculture (NACTA) Conference

62nd Annual, June 21-24, 2016, Univ. of Hawaii, Manoa.

Stanko, R.L., S.D. Nelson, T.J. Machado, G. L. Schuster, C. Donato-Molina and Steven Lukefahr. 2016. STEP UP to USDA Career Success Program Participation Increased Graduation Rates and Final GPA of Undergraduate Agriculture Students from South Texas. Absrt. 2016-0137. NACTA Journal, Vol. 60, Suppl. 1, p. 105.

Nelson, S.D., Randy Stanko, Tanner Machado, Greta Schuster and Consuelo Donato-Molina. 2016. Finding balance in undergraduate research for graduate school and career preparation in agriculture sciences. Absrt. 2016-079. NACTA Journal Vo. 60, Suppl. 1, p. 16.

McCouston, K., R. Stanko, and C. Loest. 2016. The LEADERS Program: Encouraging Hispanic Students to Pursue Advanced Degrees in Animal Science. Absrt. 2016-172. NACTA Journal Vo. 60, Suppl. 1, p. 114.

North American Colleges and Teachers of Agriculture (NACTA) Conference

61st Annual, June 16-20, 2015, Athens, GA.

Stanko, R.L.

Calderon, A., R.A. Flores, A.A. Arellano, L. Ayala, V. Garza, R.L. Stanko, and M.R. Garcia. 2014. Regulation of Leptin in Early Corpora Lutea Development. Absrt. #213.

Flores, R.A., A. Calderon, L. Ayala, F. Xie, A. Arellano, M. Ramirez, M.R. Garcia, and R.L. Stanko. 2014. Abstr. #214.

Ayala, L., A.A. Arellano, R.A. Flores, A. Calderon, E.C. Taylor, R. L. Stanko, and M.R. Garcia. 2014. Age and leptin influence estrogen nuclear receptor isoforms in the choroid plexus of developing gilts. Absrt. #214.

National Agri-Science Education Conference. Nov. 19-22, 2014. Miami, FL.

Pena, Patricia, Gregory Sample, Randy L. Stanko, and Shad D. Nelson. 2014. STEP UP Summer Internship with USDA-ARS Veterinary Animal Research Service. USDA-HSI Grantee Conference (poster).

Donato-Molina, C., R. Stanko, S. Nelson, T. Machado, and G. Schuster. Engaging Underrepresented Students through Ag- 5 HOD WHG & DUHHU DQG 5HVH DUFK 7UDLQLQJ LQ WKH Program (poster).

Javelina Research Symposia Fall 2013.

Arellano, A.A., M.A. Ramirez, A. Calderon, L. Ayala, R.A. Flores, D.H. Keisler, R.L. Stanko, and M.R. Garcia. 2013. Leptin may play a role in development of the goat corpus luteum. Javelina Research Symposium, October 16, 2013.

Ayala, L. A.A. Arellano, A. Calderon, R.A. Flores, E.C. Taylor, R.L. Stanko, M.R. Garcia. 2013 Estrogen receptor alpha and beta expression in the choroid plexus changes as puberty approaches. Javelina Research Symposium, October 16, 2013. 2nd Place in the Poster Presentation Competition.

Flores, R.A., A Calderon, L.er,

A. Arellano, L. Ayala, M. Ramirez, A. Calderon, R. Flores, D. Keisler, R. Stanko, M. Garcia. 2013. Leptin is involved in the vascularization process of the corpus luteum. Undergraduate Student Oral Competition. Journal of Anim. Sci., Southern Section. Abstr. 2.

Javelina Research Symposia Spring 2013.

Arellano, A.A., M.A. Ramirez, A. Calderon, L. Ayala, R.A. Flores, D.H. Keisler, R.L. Stanko, and M.R. Garcia. 2013. Leptin is involved in the vascularization of the corpus luteum. Poster Presentation, 1st Place.

AA Arellano, MA Ramirez, A Calderon, L Ayala, RA Flores, RL Stanko, MR Garcia. Leptin plays a role in the vascularization of the corpus luteum. 2012 Ronal E. McNair Scholars 17th Annual Summer Research Presentation Luncheon (Abstract).

AA Arellano, MA Ramirez, A Calderon, L Ayala, RA Flores, RL Stanko, MR Garcia. Leptin is involved in vascularisation of developing luteal tissue. 2012 Biol. Reprod. 81:180 (Abstract).

MA Ramirez, F Xie, EA Benavides, RA Katchko, L Ayala, DH Keisler, RL Stanko, MR Garcia. Leptin is involved in normal luteal development. 2012. Biol. Reprod. (Abstract).

Silguero, R., E. Biediger, M. Clayton, R. Lyons, E. Montemayor, H. Martinez, R. Stanko, and S. Nelson. 2012. Invasive tanglehead management using broadcast herbicide applications. 2012 Texas Section Society for Range Management Meeting, Oct. 10-12, 2012, Fredericksburg, TX.

Biediger, E., R. Silguero, M. Clayton, S. Prince, B. Yanta, G. Gonzales, R. Stanko, and S. Nelson. 2012. Supplementation requirements for beef cattle fed native and improved forage using fecal analysis. 2012. Texas Section Society for Range Management Meeting, Oct. 10-12, 2012, Fredericksburg, TX

Williams, G., R. Stanko, C. Allen, R. Cardosa, L. Prezotto, J. Thorsen, and M. Almstalden. 2011. Evidence that prostaglandin administration at the onset of a 5-day CO-Synch + CIDR synchronization protocol markedly improves fixed-time AI pregnancy rates in *Bos indicus*-influenced cattle. J. Anim. Sci. 89, E-Suppl. 1/J. Dairy Sci. 94, E-

Ramirez, N.D., D.A. Neuendorff, A.W. Lewis, S.T. Willard, T.D.A. Forbes, R. L. Stanko, and R.D. Randel. 2008. Effect of feeding method and temperament on measures of feed efficiency and age at puberty in Brahman bulls. *J. Anim. Sci.* Vol. 86, E-Suppl. 2/*J. Dairy Sci.* Vol. 91, E-Suppl. 1.

Stanko, R.L., M. Dowd, D.A. Draeger, and J. Rutledge. 2008. Characterization of the leptin receptor, angiopoietin-1, and fibroblast growth factor-2 in the caprine corpus luteum throughout the luteal phase of the estrous cycle. 2008. 41st Annual Meeting of Society for the Study of Reproduction. p. 87.

Bullock, S.L., D.G. Hewitt, K.C. McCuiston, R.L. Stanko, M. Dowd, D.A. Draeger, and J. Rutledge. 2008. Evaluating whole cottonseed as a supplemental feed for white-tailed deer of south Texas. TX-Chapter of Wildlife Society Meetings.

Ramirez, N.D., D.A. Neuendorff, A.W. Lewis, R.L. Stanko, and R.D. Randel. 2008. Relationship between residual feed intake, age at puberty, and temperament in Brahman bulls. Student Research Poster Competition, Texas A&M University, College Station, Jan. 7th.

Stanko, R.L., M. Dowd, D.A. Draeger, and J. Rutledge. 2007. Fetal exposure to maternal stress influences leptin receptor gene expression during development and age at puberty in gilts. *J. Anim. Sci.* Vol. 85, SAAS Suppl., p. 11.

Eaton, M.D., C. Rosales-Nieto, J. F. Zuluaga, and R. L. Stanko. 2007. Serum progesterone concentration in ovariectomized *Bos taurus* cows using new, re-used, or re-used autoclaved CIDRs. 2007. *J. Anim. Sci.* Vol. 85, SAAS Suppl., p. 19.

Rosales-Nieto, C., J. Gudino, M. D. Eaton, K. Collard, and R. L. Stanko.

Ramirez, N.D., D.A. Neuendorff, A.W. Lewis, R.L. Stanko, R.D. Randel. 2007. Relationship between methods of feeding and feed efficiency measures in Brahman bulls.

Stanko, R.L., J. Ford, F. Escobedo, R. Mercado, B. Wymore, J. McManus, J. Lopez, R. Garza, H.
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1):163

Lerma, M.A. and R.L. Stanko. 2003. Estrus induction and synchronization in seasonally anestrous does in south Texas. J. Anim. Sci. 81:(Suppl 2):11.

Kanani, J., S.D. Lukefahr, and R. L. Stanko. 2003. Evaluation of tropical legume forages (*Medicago sativa*, *Dolichos lablab*, *Leucaena*, and *Desmanthus bicornutus*) for growing goats. J. Anim. Sci. 81(Suppl. 1):325.

Lerma, M.A. and R.L. Stanko. 2003. Estrus induction and synchronization in seasonally anestrous does in south Texas. J. Anim. Sci. 81:(Suppl 2):11.

Williams, G.L. and R.L. Stanko. 2002. Dietary fats as reproductive nutraceuticals in beef cattle. Journee de la reproduction, Dans le cadre du 30th anniversaire du CRRA. (11/22/03).

Amstalden, M., D.A. Zieba, J.L. Gallino, S. Morton, J.F. Edwards, P.G. Harms, T.H. Welsh, Jr., R.L. Stanko, D. H. Keisler, and G.L. Williams. 2002. Leptin modulates basal secretion of LH and enhances gonadotroph responsiveness to GnRH in adenohipophyseal explants from fasted cows. Biol. Reprod. 66:281 (Suppl. 1) (Abst. #451).

Amstalden, M., D.A. Zieba, M.R. Garcia, P.J. Bridges, R.L. Stanko, T.H. Welsh, Jr., J.E. Fortune, W.H. Hansel, and G.L. Williams. 2002. Evidence against lamprey GnRH-III as the mammalian FSH-releasing hormone. J. Anim. Sci. 80:203 (Suppl. 1) (Abst. # 807).

Lerma, M.A. and R.L. Stanko. 2002. Reproductive seasonality in Spanish and Boer x Spanish does in south Texas. J. Anim. Sci. 80:290 (Suppl. 1) (Abst. #1160).

Stanko, R.L. 2001. Beef Cattle Reproductive Management: Heifers, Cows, and Bulls. pp xx-xx.

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11. Inifap and TAMU.

Kotrla, L. A., R. L. Stanko, N. C. Tipton, and J. C. Paschal. 2000. Effect of vitamin D3 supplementation on carcass tenderness in Brahman-based cattle. J. Anim. Sci. (Suppl. 2) Abstract #37.

Stanko, R. L., L. A. Kotrla, J. E. Ford, and J. C. Paschal. 2000. Taste of Texas consumer camp: beef production from pasture to plate. J. Anim. Sci. (Suppl. 2) Abstract #67.

Williams, S. W., R. L. Stanko, M. Amstalden, C. D. McKown, and G. L. Williams. 1999. Comparison of three synchronization protocols designed to control estrus and ovulation for timed AI in southern beef herds. J. Anim. Sci. 77: (Suppl. 1)237.

Almstalden, M., M. R. Garcia, S. W. Williams, R. L. Stanko, S. E. Nizielski, D. H. Keisler, and G. L. Williams. 1999. Leptin gene expression is acutely responsive to short-term fasting in prepubertal heifers: relationship to circulating leptin, insulin-like growth factor-1, and luteinizing hormone. Biol. Reprod. 60: (Suppl. 1)122.

Stanko, R. L. and J. E. Ford. 1999. South Texas Cow Camp: a beef production educational program for Texas youth. J. Anim. Sci. 77: (Suppl. 1)6.

Williams, S. W., M. Almstalden, R. L. Stanko, D. L. Vallejo, and G. L. Williams. 1999. Influence of the size of the dominant follicle, serum estradiol, and exogenous GnRH on luteal sensitivity to prostaglandin) . L Q E H H I K H L I H U V - \$ Q L P 6 F L 6 X S S O

Rasor, C. C., M. G. Thomas, H. C. Salazar, R. M. Enns, H. M. Zang, R. L. Ax, G. L. Williams, R. D. Randel, R. L. Stanko, and J. Rios. 1999. Allelic frequencies for a leptin Sau3AI RFLP in biologically diverse breeds of cattle in the southern United States and Mexico. J. Anim. Sci. 77: (Suppl. 1)135.

Stanko, R. L. and G. L. Williams. 1999. Does anterior pituitary responsiveness predict age at puberty in beef heifers? J. Anim. Sci. 77: (Suppl. 1)217.

Thomas, M.G., O.S. Gazal, G.L. Williams, D.H. Keisler, and R. L. Stanko. 1998. Cerebroventricle injection of neuropeptide Y differentially influences pituitary secretion of luteinizing hormone and growth hormone in cows. Vth International Symposium on Reproduction in Domestic Ruminants, Colorado Springs, Co; Aug. 1-5, 1998.

Williams G.L., O.S. Gazal, and R. L. Stanko 5 H O D W L e R Q M K L e S i v a t o r y l a m i n o acids, and oxytocin in cerebrospinal fluid of the third ventricle to hypothalamic GnRH secretion in cows.. Biology of Reproduction, 56: (Suppl. 1) abstr.{Poster}

Gazal, O. S., G. A. Guzman Vega, R. L. Stanko

- Stanko, R.L. 2023. *Can estrus synchronization be used with Natural Service?* Santa Gertrudis USA, Vol. 26, No.1, January Issue. p.8. www.santagertrudis.com
- Stanko, R.L. 2023. *Bos indicus genetics influence performance in crossbred cows.* Santa Gertrudis USA, Vol. 26, No.2, February Issue. p. 14. www.santagertrudis.com
- Stanko, R.L. 2023. *Breeding soundness exams are still important.* Santa Gertrudis USA, Vol. 26, No.3, March Issue. p. 12. www.santagertrudis.com
- Stanko, R.L. 2023. *The end of OTC antibiotics.* Santa Gertrudis USA, Vol. 26, No. 4, April Issue. p.10. www.santagertrudis.com
- Stanko, R.L. 2023. *It's a good time to evaluate your ranch's hay dynamics.* Santa Gertrudis USA, Vol. 26, No. 5, May Issue. p. 20. www.santagertrudis.com
- Stanko, R.L. 2023. *Raise, Check or Fold.* Santa Gertrudis USA, Vo. 26, No. 6, June Issue. p. 14. www.santagertrudis.com
- Stanko, R.L. 2023. *Dung beetles can help us control flies.*

- Stanko, R.L. 2019. *Is another drought on the horizon?* Santa Gertrudis USA, Vo. 22, No. 10, October Issue. p. 10. www.santagertrudis.com
- Stanko, R.L. 2019. *Vitamin A can be cheap insurance.* Santa Gertrudis USA, Vo. 22, No. 11, November Issue. p. 16. www.santagertrudis.com
- Stanko, R.L. 2019. *Linebreeding vs. Inbreeding.* Santa Gertrudis USA, Vo. 22, No. 12, December Issue. p.16. www.santagertrudis.com
- Stanko, R.L. 2018. *Keep or Cull?.* Santa Gertrudis USA, Vol. 21, No.1, January Issue. p.12. www.santagertrudis.com
- S.D. Lukefahr and Stanko, R.L. 2018. *EPDs and Heterosis-Part II: .* Santa Gertrudis USA, Vol. 21, No.2, February Issue. p. 12-13. www.santagertrudis.com
- Stanko, R.L. 2018. *Avoid modified-live BVD vaccine pre-breeding* Santa Gertrudis USA, Vol. 21, No.3, March Issue. p. 10. www.santagertrudis.com
- Stanko, R.L. 2018. *Spring is a good time to re-evaluate your grazing plan.* Santa Gertrudis USA, Vol. 21, No. 4, April Issue. p.10. www.santagertrudis.com
- Stanko, R.L. 2018. *Study those cow pies.* Santa Gertrudis USA, Vol. 21, No. 5, May Issue. p. 10. www.santagertrudis.com
- Stanko, R.L. 2018. *Have you bought a drone yet?* Santa Gertrudis USA, Vo. 21, No. 6, June Issue. p. 10. www.santagertrudis.com
- Stanko, R.L. 2018. *Are you thinking about feeding baled sorghum this summer?* Santa Gertrudis USA, Vo. 21, No. 7, July Issue. p.10. www.santagertrudis.com
- Stanko, R.L. 2018. *All I really need to know I learned from showing cattle.* Santa Gertrudis USA, Vo. 21, No. 8, August Issue. p.10. www.santagertrudis.com
- Stanko, R.L. 2018. *Has brush got you down?* Santa Gertrudis USA, Vo. 21, No. 9, September Issue. p. 10. www.santagertrudis.com
- Stanko, R.L. 2018. *We don't have to feed hay...but most of us do.* Santa Gertrudis USA, Vo. 21, No. 10, October Issue. p. 44. www.santagertrudis.com
- Stanko, R.L. 2018. *USDA's next steps for animal disease traceability.* Santa Gertrudis USA, Vo. 21, No. 11, November Issue. p. 12. www.santagertrudis.com
- Stanko, R.L. 2018. *Pre-Winter, Winter Checklist.* Santa Gertrudis USA, Vo. 21, No. 12, December Issue. p.12. www.santagertrudis.com
- Stanko, R.L. 2017. *Keep or Cull?.* Santa Gertrudis USA, Vol. 20, No.1, January Issue. p.12. www.santagertrudis.com
- Stanko, R.L. 2017. *Breed Heifers Earlier and for a Short Duration.* Santa Gertrudis USA, Vol. 20, No.2, February Issue. p. 14. www.santagertrudis.com
- Stanko, R.L. 2017. *Do Freemartin and Twin-Heifer Calves Differ?* Santa Gertrudis USA, Vol. 20, No.3, March Issue. p. 12. www.santagertrudis.com
- Stanko, R.L. 2017. *A Visual Pregnancy Test?* Santa Gertrudis USA, Vol. 20, No. 4, April Issue. p.12. www.santagertrudis.com
- Stanko, R.L. 2017. *Supplement warm-season pasture grazing with DDGS?* Santa Gertrudis USA, Vol. 20, No. 5, May Issue. p. 11. www.santagertrudis.com
- Stanko, R.L. 2017. *They are the future-Let's start them off right.* Santa Gertrudis USA, Vo. 20, No. 6, June Issue. p. 11. www.santagertrudis.com
- Stanko, R.L. 2017. *Do your cows fit Your environment?* Santa Gertrudis USA, Vo. 20, No. 7, July Issue. p.11. www.santagertrudis.com
- Stanko, R.L. 2017. *Fall calving is just around the corner.* Santa Gertrudis USA, Vo. 20, No. 8, August Issue. p.12. www.santagertrudis.com
- Stanko, R.L. 2017. *Sex-Sorted Semen 2.0.* Santa Gertrudis USA, Vo. 20, No. 9, September Issue. p.9-10. www.santagertrudis.com
- Stanko, R.L. 2017. *2016 National Beef Quality Audit Results.* Santa Gertrudis USA, Vo. 20, No. 10, October Issue. p. 16.

Stanko, R.L. 2017.

- Stanko, R.L. 2015. *Pasture Management: Important in good times and bad*. Santa Gertrudis USA, Vo. 18, No. 8, August Issue. p.16. www.santagertrudis.com
- Stanko, R.L. 2015. *Ultrasonography can increase reproductive efficiency*. Santa Gertrudis USA, Vo. 18, No. 9, September Issue. p.12. www.santagertrudis.com
- Stanko, R.L. 2015. *Alternative Feeds and Feed Ingredients*. Santa Gertrudis USA, Vo. 18, No. 11, November Issue. p.16.
- Stanko, R.L. 2015. *Alternative Feeds and Feed Ingredients II*. Santa Gertrudis USA, Vo. 18, No. 12, December Issue. p.12.

- Stanko, R.L. 2012. Cattle need vitamins too. Santa Gertrudis USA, Vo. 15, No.1, January Issue. pp. 17 and 30.
- Stanko, R.L. 2012. Should we try AI?. Am. Red Brangus Journal, January Issue. p. 7.
- Stanko, R.L. 2012. What determines the value of feeder calves? The Ear. February Issue. p. 12.
- Stanko, R.L. 2012. Sexed Semen Principles. Santa Gertrudis USA, Vo. 15, No. 3, March Issue. pp.10 and 12.
- Stanko, R.L. 2012. Pre-calving vaccination Part of Good Herd Health. Santa Gertrudis USA, Vo. 15, No. 5, August Issue. p. 14.
- Stanko, R.L. 2012. Enhancing Estrus in Heifers. Santa Gertrudis USA, Vo. 15, No. 6, September Issue. p. 14.
- Stanko, R.L.

Saldarriaga, J, D. Cooper, J. Cartmill, R.L. Stanko, and G.L. Williams. 2005. Performance of CIDR-based synchronization programs for timed AI in Brahman-influenced cattle. 2005 Beef Cattle Research in Texas, pp. 225-228.

Stanko, R.L. and G.L Williams. 2003. DEVELOPMENT OF *BOS INDICUS*-INFLUENCED REPLACEMENT HEIFERS. In: 2002 Beef Cattle Research in Texas, pp. 152-154. Dept. of Animal Science, Texas A&M University, The Texas A&M University System, College Station, TX, August 2003.

Williams, S., M. Amstalden, R.L Stanko, G.L. Williams 2003. COMPARISON OF THREE APPROACHES FOR SYNCHRONIZATION OF OVULATION FOR TIMED ARTIFICIAL INSEMINATION IN *Bos indicus* -INFLUENCED CATTLE MANAGED ON THE TEXAS GULF COAST. In: 2002 Beef Cattle Research in Texas, pp. 159-163. Dept. of Animal Science, Texas A&M University, The Texas A&M University System, College Station, TX, August 2003.

Stanko, R. L. October 2002. S.A.L.E. International News Letter, *Razas de Bovinos y Sus Usos* (Beef breeds and their uses), p. 5.

Williams, G.L., R. L. Stanko, O. S. Gazal, and G. A. Guzman Vega. 1996. Use of an indirect indicator to estimate reproductive merit in replacement heifers and young cows. La Copita Research Area: 1996 Consolidated Progress Report, p.228.

Research Proposals Submitted and Funded

1995

Houston Livestock Show & Rodeo. *Effect of feeding commercial calf creep on growth, IGF-I, and age at puberty in beef heifers*, \$6,200. Principal Investigator

1998

Houston Livestock Show & Rodeo. *Characterization of breeding season(s) of Spanish, and Spanish x Boer, meat goats in South Texas*, \$3,500. Principal Investigator (\$1,667)

1999

Houston Livestock Show & Rodeo. *Disruption of uterine development: A potential method to prevent unwanted pregnancy in beef heifers* , \$2,636 R.L. Stanko Principal Investigator.

2002

King Ranch Inc., Kingsville, TX. *Funding for Kevin Porter graduate assistantship*, \$20,925.00 Co- 3 , R.L. Stanko, S. Lukefahr, J.A. Ortega.

USDA-HSI. *Meeting the experiential needs of South Texas students for careers in agricultural science*, \$299,974 Co-PIs: S. Nelson and R.L. Stanko.

2003

Texas Beef Initiative. *Application of a Modern Appointment Breeding Scheme to Achieve Improved Beef Quality and Increase Net Returns in South Texas Commercial Beef Herds*, \$56,067 PI: G.L Williams, Co-PIs: L.L. Falconer and R.L. Stanko

2004

NIFA USDA-HSI. *Experiential learning and career development in agricultural and natural resources*, \$295,000 Co-PIs. S. D. Nelson, K.C. McCuiston and R.L. Stanko. Funding period 7/1/09 to 6/30/11, TAES component \$90,000.

TAMUK Student Service Fee Committee reviewed; Livestock Judging Team Award = \$7,800.00

2010

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Awareness of Emerging Vector-Borne Diseases. P.I. T. Hairgrove, D.V.M. Collaborators. P.Teal
D.V.M.and R.L. Stanko. \$37,000.00 [TAMUK portion\$8,500].

USDA

Duarte; (UTPA) M. Persans. \$1,760,000 TAMUK. 2011-2015. *Funded at \$3,315,000*; YEAR 2 - to TAMUK \$446K Re-submit annually.

2013

USDA-NIFA HSI Collaborative Grants. *STEP UP to USDA Career*

Success: Science, Technology and Environmental Programs for Undergraduate Preparation to USDA Career Success. PD: S.D. Nelson(TAMUK Lead), CoPDs: R. Stanko, Louzada, Ruppert, Machado, Schuster, Setamou, Melgar; (DelMar College) J. Halcomb; (STC) Debbie Villalon; (TSTC) A. Duarte; (UTPA) M. Persans. \$1,760,000 TAMUK. 2011-2015. *Funded Year* - . 9/1/2011 to 8/31/2015. Re-submit annually.

TAMUK Student Service Fee Committee reviewed; Livestock Judging Team Award = \$7,800.00.

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TAMUK University Research Award. *Evaluating the Ecological Benefits of Management-Intensive Grazing.* P.I. D.E. Ruppert. \$15K. *Funded.* Co-PIs: S. Lukefahr, J.A. Ortega, R. Stanko, D. Wester, S. Rideout-Hanzak.

NIFA USDA-HIS. McCuistion, K.C. and C. Loest.2013.*The LEADERS Program: Learning, Enhancing, and Developing Experiential Research Skills.* USDA Hispanic Serving Institutions grant program. FY 2013-2017. \$800,000 (\$200,000 per year) (ANSC faculty are all collaborators). Not included in R.L. Stanko Funding total.

2014

TAMUK Student Service Fee Funding; TAMUK Livestock Judging Team Award = \$7,800.00.

USDA-NIFA HSI Collaborative Grants. *STEP UP to USDA Career*

Success: Science, Technology and Environmental Programs for Undergraduate Preparation to USDA Career Success. PD: S.D. Nelson(TAMUK Lead), CoPDs: R. Stanko, Louzada, Ruppert, Machado, Schuster, Setamou, Melgar; (DelMar College) J. Halcomb; (STC) Debbie Villalon; (TSTC) A. Duarte; (UTPA) M. Persans. \$1,760,000 TAMUK. 2011-2015. - Period 9/1/2011 to 8/31/2015. Final Year.

7 \$ 0 8 . & R X Q F L O I R U 8 Q G H U J U D E f f e c t o f M a g e a n d H a n d l e r F e r t i l i t y a n d f e c u n d i t y o f D o r p e r e w e l a m b s ' P . I . R L . S t a n k o . \$ 3 K . 3

2015

TAMUK Student Service Fee Funding; TAMUK Livestock Judging Team Award = \$8,000.00.

USDA-NIFA HSI Collaborative Grants. *STEP UP to USDA Career*

Success: Science, Technology and Environmental Programs for Undergraduate Preparation to USDA Career Success. PD: S.D. Nelson(TAMUK Lead), CoPDs: R. Stanko, Louzada, Ruppert, Machado,

