

## Professional Vita

### **Kyle J. Stutts**

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#### **Education**

- Ph.D Physiology of Reproduction, Texas A&M University, College Station, TX, 2005.
  - Certificate of Business, Mays School of Business, TAMU, 2003.
- M.S. Animal Science, Oklahoma State University, Stillwater, OK, 2001.
- B.S. Animal Science, Texas A&M University, College Station, TX, 1999.

#### **Professional Experience**

- *Assistant Professor, Animal Science, Sam Houston State University, 2007 – present.*
  - Responsibilities
    - Instructor
      - AGR 363 – Anatomy and Physiology of Domestic Animals
      - AGR 460 – Livestock Management Techniques
      - AGR 469 – Reproductive Management
      - AGR 480 – Beef Cattle Production and Management
      - AGR 483 – Range Management
      - AGR 489 – Animal Reproduction
      - AGR 495 – Animal Breeding and Genetics
      - AGR 564 – Reproductive Physiology (graduate course)
      - AGR 564 – Systemic Physiology of Domestic Animals (graduate course)
    - Faculty advisor for:
      - SHSU Preveterinary Society
      - SHSU Beef Cattle Show Team
    - Advisement/Mentoring
      - Academic advising for Animal Science and Agriculture majors
      - Coordinate AGR 564 Directed Studies
      - Coordinate AGR 410 Independent Studies
    - Graduate Thesis Committee
      - Committee member for 9 graduate students
        - Thesis option - 3
    - Committees:
      - University Faculty Achievement Awards
      - Department Scholarship Committee
      - Department Faculty Search Committee
      - University Farm Committee

- *Livestock Specialist, The Samuel Roberts Noble Foundation, 2005 – 2007.*
    - Responsibilities
      - Consultation with Noble Foundation cooperators in the area of livestock management and production.
        - Provided recommendations to cooperators on changes that should be made or practices that should be implemented in their production system to help them attain their goals and be more efficient in their operation.
          - Forage analysis and supplementation recommendations
          - Breeding systems
          - Herd health and nutrition
          - Bull and replacement female development and procurement
      - Conducted the Beef Production System with selected cooperators
        - Source, age, and process verified production system for beef producers
        - Collected performance data from weaning through the marketing endpoint resulting in performance and economical analysis for individual animals within the herd
      - Conducted educational events for Noble Foundation cooperators and the general public
      - Conducted research and demonstrations of management practices in both cow/calf and stocker production systems
      - Authored articles for popular press publications
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- *Graduate Teaching/Research Assistant, Texas A&M University, 2001- 2005.*
  - Teaching responsibilities
    - Assistant lecturer for ANSC 434 – Animal Reproduction Management
    - Instructor for ANSC 108 laboratory – Introduction to Animal Science
    - Instructor for ANSC 433 laboratory – Reproduction in Farm Animals
    - Instructor for ANSC 434 laboratory – Animal Reproduction Management
    - Lecture Assistant for ANSC 481 – Senior Seminar
  - Research
    - Factors affecting/controlling onset of puberty in beef heifers
    - Estrus/ovulation synchronization protocols for fixed-time insemination of beef heifers and *Bos indicus* cows
  - Other activities
    - Instructor of estrous synchronization methods at local TCE artificial insemination clinics
    - Assisted with producer education of reproductive technologies at annual TAMU Beef Cattle Short Course
    - Promoted the Department of Animal Science at National Cattleman’s Beef Association and Texas and Southwestern Cattle Raisers Association annual meetings
    - Animal Science Graduate Student Association
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- *Graduate Teaching/Research Assistant, Oklahoma State University, 1999-2001.*
  - Teaching responsibilities
    - Lecture assistant and laboratory instructor for ANSI 1124 – Introduction to the Animal Sciences

- Lecture assistant for ANSI 3433 – Animal Breeding
- Lecture assistant for ANSI 3423 – Animal Genetics
- Lecture/laboratory assistant for ANSI 3903 – Agricultural Animals of the World
- Research
  - Evaluation of beef cows with differing merit for maternal ability (Milk EPD)
  - Genetic variation in days to onset of postpartum ovarian function for cows sired by high or low milk EPD Hereford and Angus bulls.
  - Evaluation of milk yield and udder characteristics of beef cows sired by high or low milk EPD bulls.
- Other Activities
  - Graduate Student Advisor – Block and Bridle Club
  - Animal Science Graduate Student Association
  - Beef Quality Summit – Assisted attendees with fabrication of beef carcasses into retail cuts and determining value of the carcass.
  - Beef, Sheep, and Swine Field Days – Livestock evaluation instruction for 4-H and FFA members.

### Peer Reviewed Publications

- Beverly, M.M., **K.J. Stutts** and M.L. McMillan. 2008. Gender Affects of Undergraduate GPA and GRE Scores on Graduate Student Success. *NACTA Journal* 52 (2):105.
- **Stutts, K.J.** 2005. Synchronization of follicular wave emergence, luteal regression, and ovulation for fixed-time artificial insemination in beef cows and heifers. Ph.D. Dissertation, Texas A&M University.
- **Stutts, K.J.**, D.W. Forrest, and C.R. Looney. 2004. Fixed-time insemination utilizing an Eazi-Breed CIDR in combination with gonadotropin-releasing hormone or estradiol cypionate. *J. Anim. Sci.* Vol. 82 Suppl. 1: 371. (Abstract)
- **Stutts, K.J.**, and D.S. Buchanan. 2001. Evaluation of milk yield and udder characteristics in beef cows sired by high or low milk EPD bulls. *J. Anim. Sci.* Vol. 79 Suppl. 1: 245. (Abstract)
- **Stutts, K.J.** 2001. Evaluation of milk yield and udder characteristics in beef cows sired by high or low milk EPD bulls. M. S. Thesis, Oklahoma State University.
- Buchanan, D.S., **K.J. Stutts**. 2001. Evaluation of milk production and calf performance in range beef cows sired by high and low milk expected progeny difference Angus and Hereford bulls. <http://www.ansi.okstate.edu/research/2001rr/01/01.htm> (Research Report)
- Buchanan, D.S., **K.J. Stutts**, and R.P. Wettemann. 2000. Genetic variation in days to onset of postpartum ovarian function for cows sired by high and low milk EPD Hereford and Angus bulls. *Okla. Agri. Exp. Sta.* P-980:1. (Research Report)

### Non-Peer Reviewed Publications

- Beverly, M.M., M.H. Lau, **K.J. Stutts**, and D. Fazarro. 2008. State Park Visitor Survey – Statewide Report. Texas Parks and Wildlife Assessment Report.
- Beverly, M.M., M.H. Lau, **K.J. Stutts**, and D. Fazarro. 2008. State Park Visitor Survey – Statewide Report. Texas Parks and Wildlife Assessment Report.
- Beverly, M.M., M. Lau, **K.J. Stutts**, and D. Fazarro. 2008. State Park Visitor Survey – Site Specific Report: Abilene State Park. Texas Parks and Wildlife Department Assessment Report.
- Beverly, M.M., M. Lau, **K.J. Stutts**, and D. Fazarro. 2008. State Park Visitor Survey – Site Specific Report: Atlanta State Park. Texas Parks and Wildlife Department Assessment Report.
- Beverly, M.M., M. Lau, **K.J. Stutts**, and D. Fazarro. 2008. State Park Visitor Survey – Site Specific Report: Balmorhea State Park. Texas Parks and Wildlife Department Assessment Report.

- Beverly, M.M., M. Lau, **K.J. Stutts**, and D. Fazarro. 2008. State Park Visitor Survey – Site Specific Report: Bonham State Park. Texas Parks and Wildlife Department Assessment Report.
- Beverly, M.M., M. Lau, **K.J. Stutts**, and D. Fazarro. 2008. State Park Visitor Survey – Site Specific Report: Brazos Bend State Park. Texas Parks and Wildlife Department Assessment Report.
- Beverly, M.M., M. Lau, **K.J. Stutts**, and D. Fazarro. 2008. State Park Visitor Survey – Site Specific Report: Lake Bob Sandlin State Park. Texas Parks and Wildlife Department Assessment Report.
- Beverly, M.M., M. Lau, **K.J. Stutts**, and D. Fazarro. 2008. State Park Visitor Survey – Site Specific Report: Lake Casa Blanca State Park. Texas Parks and Wildlife Department Assessment Report.
- Beverly, M.M., M. Lau, **K.J. Stutts**, and D. Fazarro. 2008. State Park Visitor Survey – Site Specific Report: Lake Corpus Christi State Park. Texas Parks and Wildlife Department Assessment Report.
- Beverly, M.M., M. Lau, **K.J. Stutts**, and D. Fazarro. 2008. State Park Visitor Survey – Site Specific Report: Meridian State Park. Texas Parks and Wildlife Department Assessment Report.
- Beverly, M.M., M. Lau, **K.J. Stutts**, and D. Fazarro. 2008. State Park Visitor Survey – Site Specific Report: Mother Neff State Park. Texas Parks and Wildlife Department Assessment Report.
- Beverly, M.M., M. Lau, **K.J. Stutts**, and D. Fazarro. 2008. State Park Visitor Survey – Site Specific Report: Purtil Creek State Park. Texas Parks and Wildlife Department Assessment Report.
- Beverly, M.M., M. Lau, **K.J. Stutts**, and D. Fazarro. 2008. State Park Visitor Survey – Site Specific Report: Caddo Lake State Park. Texas Parks and Wildlife Department Assessment Report.
- Beverly, M.M., M. Lau, **K.J. Stutts**, and D. Fazarro. 2008. State Park Visitor Survey – Site Specific Report: Lake Whitney State Park. Texas Parks and Wildlife Department Assessment Report.
- Beverly, M.M., M. Lau, **K.J. Stutts**, and D. Fazarro. 2008. State Park Visitor Survey – Site Specific Report: Martin Creek Lake State Park. Texas Parks and Wildlife Department Assessment Report.
- Beverly, M.M., M. Lau, **K.J. Stutts**, and D. Fazarro. 2008. State Park Visitor Survey – Site Specific Report: Monahans Sandhills State Park. Texas Parks and Wildlife Department Assessment Report.
- Beverly, M.M., M. Lau, **K.J. Stutts**, and D. Fazarro. 2008. State Park Visitor Survey – Site Specific Report: San Angelo State Park. Texas Parks and Wildlife Department Assessment Report.

### **Popular Press Publications**

- **Stutts, K. J.** 2008. Artificial Insemination Can Work for Commercial Producers. Southern Livestock Standard.
- Singleton, N.C., **K.J. Stutts**, and J.T. Biermacher. 2008. The cost of keeping open cows. Feedlot Magazine.
- **Stutts, K. J.** 2007. Defining Calving Season Can Produce More Profit. Southwest Farm Press.
- **Stutts, K. J.** 2007. This is why they call it a season. Noble Foundation Ag News and Views.
- **Stutts, K. J.** 2006. How many open cows will you feed this winter? The Cattleman Magazine.
- **Stutts, K. J.** 2007. Developing heifers properly is key to a productive cowherd. American Cowman.

- **Stutts, K. J.** 2007. Artificial insemination can work for commercial producers. The Cattleman Magazine.
- **Stutts, K.J.** 2005. It's Time to Develop a Hay Feeding Strategy. High Plains Journal.

### **Professional Presentations**

- “Recent Advancements in Livestock Reproduction.” 2008. Area III Ag Science Teachers Mid-Winter Conference, Brenham, TX.
- “Advantages and Establishment of a Defined Breeding Season.” 2007. Noble Foundation Livestock School, Ardmore, OK.
- “Quality Systems Assessment and Process Verified Programs.” 2007. Noble Foundation Livestock School, Ardmore, OK.
- “Replacement Heifer Development.” 2007. Noble Foundation Area 2 Meeting, Wayne, OK.
- “Beef Production System Management Procedures.” 2007. Noble Foundation Area 2 Meeting, Wayne, OK.
- “Estrous Synchronization for Beef Cows and Heifers.” 2006. Noble Foundation Livestock School, Ardmore, OK.
- “Surviving the Winter with Limited Resources.” 2006. Noble Foundation Area 2 Meeting, Wayne, OK.
- “Winter Cattle Feeding and Supplementation.” 2005. Noble Foundation Area 2 Meeting, Wayne, OK.
- “Synchronization of follicular wave emergence, luteal regression, and ovulation for fixed-time artificial insemination in beef cows and heifers.” 2005. Ph.D. Dissertation Defense. Department of Animal Science, Texas A&M University.
- “Fixed-time insemination utilizing an Eazi-Breed CIDR in combination with gonadotropin-releasing hormone or estradiol cypionate. 2004. FASS Joint Annual Meeting, St. Louis, MO.
- “Evaluation of milk yield and udder characteristics in beef cows sired by high and low milk EPD bulls.” 2001. M.S. Thesis Defense. Department of Animal Science, Oklahoma State University.
- “Evaluation of milk yield and udder characteristics in beef cows sired by high and low milk EPD bulls.” 2001. FASS Joint Annual Meeting, Indianapolis, IN.

### **Invited Presentations**

- “Artificial Insemination, Embryo Transfer, and Pregnancy Determination Using Ultrasonography in Beef Cattle.” Students participating in the USDA grant titled “Building New Career Tracks for Underrepresented Students.” Huntsville, TX, July 2008.
- “Estrous Synchronization for Artificial Insemination.” Bovine Elite Artificial Insemination Clinic, College Station, TX, March 2008.
- “Estrous Synchronization for Artificial Insemination.” Bovine Elite Artificial Insemination Clinic, College Station, TX, November 2008.
- “Beef Cattle Showmanship and Grooming.” Walker County Fair Scramble Heifer Exhibitors. Huntsville, TX, December 2008.
- “The Use of Growth-Promoting Implants and Feed Additives in Beef Cattle.” AGR 564 – Contemporary Issues in Agriculture, Department of Agricultural and Industrial Sciences, Sam Houston State University, October 2007.
- “Drought Management Strategies for Cow-calf Producers.” Livestock Nutrition Center Producer Meeting, Lindsay, OK, September 2006.
- “Reproductive Management of Bulls.” ANSC 406 – Beef Cattle Production and Management, Department of Animal Science, Texas A&M University, 2003.

## **Grants**

- Beverly, M.M., M. Lau, **K.J. Stutts**, and D. Fazarro. 2008. Texas Parks and Wildlife Department State Park On-Site Visitor Survey Assessments. Texas Parks and Wildlife Department. Total Funded: \$19,020
- **Stutts, K.J.**, C.R. Looney, and D.W. Forrest. 2003. "Synchronization of follicular wave emergence, luteal regression, and ovulation for fixed-time artificial insemination in beef heifers." Pharmacia Animal Health. Total Funded: \$35,000 in kind.

## **Academic Honors and Awards**

- Phi Kappa Phi National Honor Society
- Golden Key National Honor Society
- Gamma Sigma Delta Agricultural Honor Society
- Phi Theta Kappa National Honor Society
- Presidential Graduate Student Fellowship (OSU)
- Ted Grote Memorial Scholarship (TAMU)
- Phi Theta Kappa National Honor Society Scholarship (TAMU)
- Washington County Go-Texan Scholarship

## **Professional Affiliations**

- American Society of Animal Science
  - Southern Section
- American Registry of Professional Animal Scientists
- National Cattlemen's Beef Association
- Texas and Southwestern Cattleraisers
- American Red Brangus Association
- International Red Brangus Breeders Association
- Cattle-Fax

## **Professional Certifications**

- Professional Animal Scientist - ARPAS
- AgInfoLink Process Verified Program Product Supplier Trainer
- Certified artificial insemination technician
- Beef Quality Assurance Producer Certification