

NATHAN H. WELLS
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PERSONAL DATA

Date of Birth: August 8, 1976
Place of Birth: Kennett, MO

EDUCATION

M. S., Animal Science (Reproductive Physiology); New Mexico State University, Las Cruces, NM; Date of Graduation: August, 2001.

B. S., Animal Science; Arkansas State University, Jonesboro, AR; Graduation Date: May, 1999.

High School Diploma; Clay County Central High School, Rector, AR, 1994.

AGRICULTURE BACKGROUND

Grew up on a general livestock and row crop operation in northeastern Arkansas. Experience includes care of cattle, swine, sheep, and horses. Also have experience operating farm machinery, routine maintenance of farm equipment, and planting and harvesting grain and forage crops. Active participant in 4-H, FFA, and Block and Bridle clubs.

WORK EXPERIENCE

Instructor of Equine Science, Texas A&M University-Commerce August 2017-Present

Responsible for teaching a full faculty workload of courses in the School of Agriculture. Current teaching load in Fall 2020 involved teaching three equine science courses. Also responsible for the leadership and direction of the Equine Studies degree program, recruitment and advisement of students pursuing the Equine Studies degree, and serve on the TAMUC IACUC. I am currently the coach of the TAMUC Stock Horse Team and Horse Judging Team.

Assistant Professor of Equine Management and Director of the Arkansas State University Equine Center, August 2009 – August 2017

Responsible for the health and daily care of all horses located at the ASU Equine Center including horses used in teaching and research, and boarded horses. Current teaching load includes three riding courses and one lecture/lab course per semester in fall and spring. Maintain and oversee the facility and grounds of the ASU Equine Center and Garry Meadows Arena and the associated vehicles, trailers and equipment. Responsible for the coordination of activities conducted by multiple users of the facility including boarders, trainers, ASU-produced and non-ASU produced events, riding classes, and 4-H and FFA events. Supervise one full time and two part time employees. Advisor for ASU Equine Club and Collegiate Farm Bureau. Select and provide horses for the Hippotherapy Program in collaboration with the College of Nursing and Health Profession. Coordinate with faculty in the Hippotherapy Program to train students in proper handling of horses.

Instructor, Western Oklahoma State College, August 2007 – June 2009

Responsible for the preparation and instruction of all Animal Science courses and several other agriculture courses. All courses had a lecture component and most included a laboratory component. Developed several courses for an Associate of Applied Sciences (AAS) degree to offer students another educational option. Additional duties included active recruitment for the WOSC Agriculture program and development of a laboratory facility that housed Animal Science labs and livestock used in labs. Developed and actively recruited for a horse judging team and ranch horse team that competed against other collegiate equine programs.

Instructor, Oregon State University, September 2003 – August 2004

Responsible for the preparation and instruction of Animal Science 220, Introductory Horse Science, Animal Science 121, Equine Section, and Animal Science 432, Applied Techniques in Equine Reproduction. Each course included a lecture and laboratory component.

Farm Manager, Oregon State University Horse Center, August 2001 – August 2004

Responsible for the health and daily care of all horses located at the OSU Horse Center, management of approximately 15-20 student employees, and daily management and maintenance of the Horse Center facility and equipment. Other duties include assistance with teaching and research of equine science faculty members and coordination of health care and routine shoeing of horses housed at the OSU Horse Center. Responsible for the mare care, foaling, and rebreeding of OSU Horse Center broodmares and outside broodmares. Responsible for the daily training and conditioning of several horses.

Additional Qualifications

I have been responsible for the starting and gentling of approximately 275 colts. I have done all training including, but not limited to, groundwork, the first ride, and approximately 60 days of riding. I have

trained my own horses and shown in stock horse and versatility ranch horse shows. I have trained horses for the public and given lessons in beginning, intermediate, and advanced riding. I have conducted clinics for stock horse and versatility ranch horse events. I can shoe and trim horses for proper balance. I graduated from the Walla Walla Community College Farrier School in Walla Walla, WA. I have trained or retrained about 50-60 roping horses that were used for team roping and general ranch work. I employ common sense methods to train horses that result in an all-around broke horse that is safe for all levels of riders. Additional experience includes fitting and preparation of horses for sale. I currently conduct the daily training and conditioning of approximately of four personal horses.

Additional applied techniques include rectal palpation/pregnancy detection of cattle and ultrasound /AI of cattle and horses, collection and evaluation of semen in stallions and bulls, preparation of semen for breeding, shipping, and freezing and thawing of stallion semen. Ration formulation to feed various livestock by the use of traditional methods and computer-based programs.

COMPUTER SKILLS

Word processing; Microsoft Word, WordPerfect

Presentation preparation; Microsoft PowerPoint

Record keeping; EQUIFACTS, Microsoft Excel

MEMBERSHIPS

American Paint Horse Association

American Quarter Horse Association

American Stock Horse Association – carded judge as of 3/2020

Stock Horse of Texas

PUBLICATIONS

Journal Articles:

Wells, N. H., D. M. Hallford, J. A. Hernandez, J. L. Bollinger, M. K. Petersen, and U. McElyea. 2001. Use of calcium sulfate to alleviate signs of copper toxicosis in ewe lambs- Case report. *Bovine Practitioner*. 35:1.

Wells, N. H., D. M. Hallford, J. A. Hernandez. 2003. Serum thyroid hormones and reproductive characteristics of Rambouillet ewe lambs treated with propylthiouracil before puberty. *Theriogenology*. 59(5-6):1403-13.

Proceedings Papers:

Wells, N. H., D. M. Hallford, J. A. Hernandez, J. L. Bollinger, M. K. Petersen, and U. McElyea. 2000. Serum profiles in ewe lambs fed commercial feed with accidentally elevated copper and treated with calcium sulfate. *Proc. West. Sec. Amer. Soc. Anim. Sci.* 51:148-152.

Wells, N. H., D. M. Hallford, and J. A. Hernandez. 2001. Serum thyroxine and reproductive characteristics of Rambouillet ewe lambs treated with propylthiouracil before puberty. Proc. West. Sec. Amer. Soc. Anim. Sci. 52:(Submitted).

Hernandez, J. A., N. H. Wells, D. W. Holcombe, and D. M. Hallford. 2001. Metabolic hormones, body weight, and mammary changes of ewes in response to differing weaning methods. Proc. West. Sec. Amer. Soc. Anim. Sci. 52:(Submitted).

Hernandez, J. A., D. M. Hallford, and N. H. Wells. 2001. Serum thyroxine, body weights, and ovarian cyclicity in fine wool ewes subjected to thyroid suppression immediately before onset of anestrus. Proc. West. Sec. Amer. Soc. Anim. Sci. 52:(Submitted).

Waterman, R. C., L. Canales, R. L. Ashley, J. E. Sawyer, J. B. Taylor, G. D. Pulsipher, N. H. Wells, C. P. Mathis, D. E. Hawkins, G. B. Donart, E. E. Parker, S. H. Cox, J. A. Hartung, J. Horton, and M. K. Petersen. 2001. Responses to protein supplements differing in degradable intake protein (DIP) to undegradable intake protein (UIP) ratios with or without propionate salt to young postpartum beef cows. Proc. West. Sec. Amer. Soc. Anim. Sci. 52:(Submitted).

Abstracts:

Wells, N. H., D. M. Hallford, J. A. Hernandez, J. L. Bollinger, M. K. Petersen, and U. McElyea. 2000. Serum profiles in ewe lambs fed commercial feed with accidentally elevated copper and treated with calcium sulfate. J. Anim. Sci. 78(Suppl. 2):105(Abstr.).

Wells, N. H., D. M. Hallford, and J. A. Hernandez. 2001. Serum thyroxine and reproductive characteristics of Rambouillet ewe lambs treated with propylthiouracil before puberty. J. Anim. Sci. 79(Suppl. 2):(Abstr., Submitted).

Hernandez, J. A., N. H. Wells, D. W. Holcombe, and D. M. Hallford. 2001. Metabolic hormones, body weight, and mammary changes of ewes in response to differing weaning methods. J. Anim. Sci. 79(Suppl. 2):(Abstr., Submitted).

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Waterman, R. C., L. Canales, R. L. Ashley, J. E. Sawyer, J. B. Taylor, G. D. Pulsipher, N. H. Wells, C. P. Mathis, D. E. Hawkins, G. B. Donart, E. E. Parker, S. H. Cox, J. A. Hartung, J. Horton, and M. K. Petersen. 2001. Responses to protein supplements differing in degradable intake protein (DIP) to undegradable intake protein (UIP) ratios with or without propionate salt to young postpartum beef cows. J. Anim. Sci. 79(Suppl. 2):(Abstr., Submitted).