CURRICULUM VITAE

Name: Timothy A. Cudd, D.V.M., Ph.D.
Professor

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Education:

3/76-3/79	Undergraduate studies, University of Tennessee, Knoxville, Tennessee.
9/79-6/82	Doctor of Veterinary Medicine, College of Veterinary Medicine, University of Tennessee, Knoxville, Tennessee.
8/88-5/92	Doctor of Philosophy, Department of Physiological Sciences, College of Veterinary Medicine supervised by Dr. Charles E. Wood, Department of Physiology, College of Medicine, University of Florida. Dissertation title: "The Role of Prostaglandin E_2 in Regulating Developmental Changes in Adrenocorticotropic Hormone".
5/92-6/93	Postdoctoral Associate, Department of Physiology, University of Florida, Gainesville, Florida.

Honors and Invited presentations:

1976	Phi Eta Sigma
1988-1991	Grinter Scholar, College of Veterinary Medicine, University of Florida
1990	Second International Veterinary Perinatology Conference, Cambridge, England, Graduate Student Presentation Award of Merit
1991	College or Veterinary Medicine, University of Florida Resident and Graduate Student Annual Research Day Award
1992	College of Veterinary Medicine, University of Florida Phi Zeta Research Day Graduate Student Research Award
1995	Invited speaker, P.D. Rossdale International Workshop on Equine Perinatology
1995-present	Member of the Interdisciplinary Faculty of Reproductive Biology
1998	Richard H. Davis Teaching Award, College of Veterinary Medicine, TAMU
2002-present	Michael E. DeBakey Institute Charter Fellow, TAMU
2003-Present	Member of the Cardiovascular Research Institute, TAMU System
2003	Pfizer Award for Research Excellence, College of Veterinary Medicine, TAMU
2003	Invited speaker, Indiana University Purdue University at Indianapolis, Dept. of Psychology
2004	College of Veterinary Medicine Nominee for TAMU Presidential Professor for Teaching Excellence Award
2004	Invited speaker, Making Learning Visible: Peer Review and the Scholarship of

	Teaching Conference, University of Nebraska, Lincoln, NE.
2004	Invited speaker, Sheep Model System for the Study of Alcohol Teratogenesis, No Name Society (ad hoc meeting of NICHD Pregnancy and Neonatology Study Section members, grant applicants and awardees), Amelia Island, FL.
2005	Invited speaker, Animal Model Systems for the Study of Alcohol Teratogenesis, Association of Anatomy Cell Biology Neurobiology Chairpersons, Kapalua, Maui.
2006-present	Texas A&M University Faculty of Neuroscience membership
2007	Invited speaker, Bowles Center for Alcohol Studies, University of North Carolina School of Medicine, Chapel Hill, NC.
2008	Invited speaker, Consortium for the Investigation of Fetal Alcohol Spectrum Disorders semiannual meeting, National Institute of Alcoholism and Alcohol Abuse, Rockville, MD.
2008	Invited speaker, Interdisciplinary Faculty of Reproductive Biology, Texas A&M University, College Station, TX.
2008	Invited speaker, No Name Society, University of Wisconsin, Madison, WS.

Professional Organizations:
American Physiological Society
American Veterinary Medical Association
Research Society on Alcoholism
Fetal Alcohol Spectrum Disorder Study Group

Committees and Offices:
1986-1990 American Association of Equine Practitioners Pediatrics Committee Member.
1986-1998 International Society of Veterinary Perinatology Editorial Committee Member.
1988-1993 International Society of Veterinary Perinatology Secretary Treasurer.
1988-1998 International Society of Veterinary Perinatology Board Member.
1992-1993 International Society of Veterinary Perinatology President.
1994 American Heart Association, Florida Affiliate Peer Review Committee.
1994-1995 Department of Veterinary Physiology and Pharmacology faculty search committee.
1995-2000 College of Veterinary Medicine Professional Curriculum Committee.
1997-1998 Society for the Study of Reproduction Annual Meeting Local Organizing Committee.
1997-present College of Veterinary Medicine Academic Progress Committee, First Year.
1999 College of Veterinary Medicine Staff Recognition Awards Committee member
2002-2005 American Heart Association, Western Peer Review Committee
2002 Department of Veterinary Physiology & Pharmacology faculty search committee.
2002-present College of Veterinary Medicine Professional Curriculum Committee
2001 The Wellcome Trust, ad hoc reviewer
2002 NIH NICHD ad hoc reviewer for a COBRE project
2002 Department of Veterinary Physiology and Pharmacology Peer Evaluation of Teaching Committee for Katrin Hinrichs Promotion and Tenure Package
2003-present Research review committee member, Link Equine Research Endowment, Texas A&M University
2005 Department of Veterinary Physiology & Pharmacology faculty search committee.

2006-present Member of the College of Vet. Medicine Information Technologies Committee
2006-2008 Chair of the College of Veterinary Medicine Information Technologies Committee
2007 Departmental search committee chair
2007 Belgian Federal Science Policy Office ad hoc reviewer
2007 Committee chair for Peer Evaluation of Teaching Committee for Geoff Fosgate Promotion and Tenure Package for the Department of Integrative Biosciences
2007 Department of Veterinary Physiology & Pharmacology faculty search committee chair.
2007 Department of Large Animal Clinical Sciences Emergency and Critical Care search committee member.
2008-present Chair College of Veterinary Medicine Professional Curriculum Committee

Journal Referee:
Alcohol
Alcoholism: Clinical and Experimental Research
American Journal of Physiology
Biology of Reproduction
Brain Research
Comparative Biochemistry and Physiology
Endocrinology
Journal of Cerebral Blood Flow and Metabolism
Journal of Neuroendocrinology
Journal of Obstetrics and Gynecology
Journal of Pediatrics
Journal of Physiology
Pediatric Research
Reproduction, Fertility and Development
FASEB Journal

Inventions:
The use of glutamine or its peptide in the treatment for Fetal Alcohol Spectrum Disorders.
The use of doxapram hydrochloride in the treatment of Fetal Alcohol Spectrum Disorders
Automated digital video capture device for the measurement of eyeblink classical conditioning learning.

Current Research Support:

09/29/06-09/28/08 National Institutes of Health, National Institutes on Childhood Health and Development. R21 HD049449 "Arginine and ovine model of fetal growth restriction". G Wu, P.I. $398,750 Total Costs

09/30/07-09/29/12 National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism, UO1 AA0171290 "Translational studies of FASD using a sheep model". T.A. Cudd, P.I. $1,490,744 Total Costs

08/01/08-07/30/13 National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism, RO1 AA10940, "Ovine model system for alcohol related birth defects", T.A. Cudd, P.I. $1,818,750 Total Costs

Past Research Support:
7/1/90-6/30/92 American Heart Association: Florida Affiliate, Postdoctoral Fellowship "Influence of prostaglandin E2 on the control of cardiovascular function by the fetal brain", $57,000.

7/1/93-6/30/95 American Heart Association: Florida Affiliate Grant in Aid, T.A, Cudd P.I. "Reflex cardiovascular and hormonal responses to thromboxane", $75,321.

7/1/95-6/30/98 American Heart Association, Texas Affiliate Grant-in-Aid, Central hemodynamic and hormonal actions of thromboxane A2, T.A. Cudd, P.I., $83,561.

7/1/96-6/30/99 American Lung Association, Texas Affiliate, Lung influence on fetal development and parturition, T.A. Cudd, P.I., $50,000 Total Costs.

8/1/99-7/31/00 Center for Environmental and Rural Health, "Birth defects arising in early development: Alcohol/nutritional interactions", T.A. Cudd, P.I., $17,700.

6/1/99-6/1/01 Texas A&M University, College of Veterinary Medicine Signature Program Funding, "Training grant in cardiovascular pathophysiology" P.I.s: G Laine, J Wasser, T Cudd, J Stallone, A. Knowlton, $80,000 Total costs.

9/1/97-8/31/02 National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism, RO1 AA10940, "Ovine model system for alcohol related birth defects", T.A. Cudd, P.I., $895,929 Total Costs.

7/1/00-6/30/02 National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism, RO3 "Fatty acid ethyl esters in sheep meconium". C.F. Bearer, P.I., T.A. Cudd, Collaborator, $44,928 Total Costs.

03/01/05-02/28/08 National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism, R21 AA015339, "Functional measure of 3rd trimester FASD: Neonatal sheep", T.A. Cudd, P.I. $345,562 Total Costs.

6/1/02-3/31/08 National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism, RO1 AA10940, "Ovine model system for alcohol related birth defects", T.A. Cudd, P.I., $1,636,875 Total Costs.

Academic and Professional Appointments:
6/82-8/85 Associate veterinarian, Woodford Veterinary Clinic, PO Box 108, Versailles, Kentucky 40383.

9/85-8/88 Associate veterinarian, Rood and Riddle Equine Hospital, 2150 Georgetown Road, Lexington, Kentucky 40511.

8/88-6/90 Predoctoral associate, Department of Physiological Sciences, College of Veterinary Medicine, University of Florida.

7/90-6/92 American Heart Association Florida Affiliate Research Fellow, Department of Physiology, College of Medicine, University of Florida.

7/92-6/93 Postdoctoral associate, Department of Physiology, College of Medicine, University of Florida.

6/93-7/94 Assistant research scientist, Department of Physiology, College of Medicine, University of Florida.

7/94-8/00 Assistant professor, Department of Veterinary Physiology & Pharmacology, College of Veterinary Medicine, Texas A&M University.

9/00-8/06 Associate Professor, Department of Veterinary Physiology & Pharmacology, College of Veterinary Medicine, Texas A&M University.

6/03-present Professor (Joint), Texas A&M University System Health Science Center, Dept. of Medical Anatomy and Neurobiology.

9/06-present Professor, Department of Veterinary Physiology & Pharmacology, College of Veterinary Medicine, Texas A&M University.

Refereed Publications:

1. Koterba, A.M., Adams, R., McClure, J.R., Cudd, T.A. Renal and urinary tract function and dysfunction in the neonatal foal. Proc. Am. Assoc. Equine Pract. 659-671, l985.
2. Toal, R.L. Cudd, T.A. Equine neonatal thoracic radiography; A radiographic-pathologic correlation. Proc. Am. Assoc. Equine. Pract. 117-128, 1987.
3. Cudd, T.A., Toal, R. L. The use of clinical findings, abdominocentesis and abdominal radiographs to assess surgical vs. non-surgical abdominal disease in the foal. Proc. Am. Assoc. Eq. Pract. 41-53, 1987.
4. Roszel, J.F., Freeman, K.P., Slusher, S.H., Morris, W.R., Haury, K.D., Cudd, T.A. Siderophages in pulmonary cytology specimens from racing and non-racing horses. Proc. Am. Assoc. Equine Pract. 321-329, 1987.
5. Cottrill, C.M., Cudd, T.A., O'Connor, W.N., Rantanen, N.W. Persistence of fetal circulatory pathways in a newborn foal. Equine Vet. J. 19:252-255, 1987.
6. Cudd, T.A., Pauly, T.H. Necrotizing enterocolitis in two equine neonates. Comp. Cont. Ed. Pract. Vet. 9:88-93, 1987.
7. Adams, R., Koterba, A.M., Brown, M.P., Cudd, T.A., Baker, W.A. Exploratory celiotomy for gastrointestinal disease in neonatal foals: A review of 20 cases. Equine Vet. J. 20:9-12, 1988.
8. Adams, R., Koterba, A.M., Cudd, T.A., Baker, W.A. Exploratory celiotomy for suspected

urinary tract disruption in neonatal foals: A review of 18 cases. Equine Vet. J. 20:13-17, 1988.
9. Freeman, K.P., Cline, J.M., Simmons, R., Wilkins, P., Cudd, T.A., Perry, B. J. Recognition of bronchopulmonary dysplasia in a neonatal foal. Equine Vet. J. 21:292-296, 1989.
10. Cudd, T.A., Mayhew, I.G., Cottrill, C.M. Agenesis of the corpus callosum, the Dandy Walker Syndrome, and cerebellar vermian hypoplasia in a foal: premortem diagnosis by clinical evaluation and CT scanning. Equine Vet. J. 21:378-381, 1989.
11. Humber, K.A., Beech, J., Cudd, T.A., Gardner, S.Y., Sommer, M.M. Azothioprine for treatment of immune-mediated thrombocytopenia in two horses. J. Am. Vet. Med. Assoc. 199:591-594, 1991.
12. Cudd, T.A., Wood, C.E. Does intracarotid PGE2 increase plasma ACTH concentration in conscious adult ewes? Am. J. Physiol. 261 (Endocrinol. Metab. 24): E395-E401, 1991.
13. Cudd, T.A., Wood, C.E. Prostaglandin E2 releases ovine fetal ACTH from a site not perfused by the carotid vasculature. Am. J. Physiol. 263 (Regulatory, Integrative Comp. Physiol.32) : R136-R140, 1992.
14. Cudd, T.A., Wood, C.E. Prostanoid cascade inhibition prevents the cardiovascular and adrenocortropic responses to mineral acid infusion in conscious sheep. Am. J. Physiol. 264 (Regulatory, Integrative Comp. Physiol. 33): R1235-R1241, 1993.
15. Wood, C.E., Kane, C., Engelke, K., Cudd, T.A. Fetal ACTH and blood pressure responses to thromboxane mimetic U46619. Am. J. Physiol. (Regulatory, Integrative Comp. Physiol. 34): R858-R862, 1993.
16. Cudd, T.A., Castro, M.I., Wood, C.E. Content, in vivo release and bioactivity of fetal pulmonary immunoreactive adrenocorticotropin. Am. J. Physiol. (Endocrinol. Metab. 28): E667-E672, 1993.
17. Cudd, T.A., Wood, C.E. Thromboxane A2 receptor antagonism prevents the hormonal and cardiovascular responses to mineral acid infusion. Am. J. Physiol. (Regulatory, Integrative Comp. Physiol. 36): R1235-R1240, 1994.
18. Cudd, T.A., LeBlanc, M., Silver, M., Norman, W., Madison, J., Keller-Wood, M., Wood, C.E. Ontogeny and ultradian rhythms of adrenocorticotropin and cortisol in the late gestation fetal horse. J. Endocrinol., 144: 271-283, 1995.
19. Cudd, T.A., Wood, C.E. Secretion and clearance of immunoreactive ACTH by fetal lung. Am. J. Physiol. (Endocrinol. Metab.31): E845-E848, 1995.
20. Cudd, T.A., Wood, C.E. Does thromboxane A2 mediate the fetal ACTH response to acidemia? Am. J. Physiol. (Regulatory, Integrative Comp. Physiol. 39): R594-R598, 1996.
21. Cudd, T.A., Chen, W.-J.A., West, J.R. Acute hemodynamic and adrenocortical responses to alcohol in adult female sheep. Alcohol. Clin. Exp. Res. 20:1675-1681, 1996.
22. Cudd, T.A., Castellon, R., Purinton, S.C. Thromboxane A2 acts at a site perfused by the carotid vasculature to mediate cardiovascular and adrenocortical responses. Can. J. Physiol. Pharmacol. 75:271-278, 1997.
23. Wood, C.E., Purinton, S., Cudd, T.A. Immunoreactive thromboxane synthase is measurable in ovine fetal hypothalamus as early as 86 days' gestation. Prostaglandins 54: 569-579, 1997.
24. Cudd, T.A. Thromboxane A2 does not act at the carotid sinus to mediate cardiovascular, adrenocorticotropin, cortisol or blood gas responses. Can. J. Physiol. Pharmacol. 76: 118-124, 1998.
25. Cudd, T.A. Thromboxane A2 acts on the brain to mediate hemodynamic, adrenocorticotropin and cortisol responses. Am. J. Physiol. (Regulatory, Integrative Comp.

Physiol.) 274: R1353-1360, 1998.
26. Cudd, T.A., Purinton, S., Patel, N. and Wood, C.E. Protective hemodynamic and hormonal actions of hypertonic saline in euvolemic sheep are altered prostaglandin synthase inhibition. Shock 10: 32-36, 1998.
27. Wood, C.E, Barkoe, D., The, A., Newman, H., Cudd, T.A., Purinton, S. and Castro, M.I. Fetal pulmonary immunoreactive adrenocorticotropin: Molecular weight and cellular localization. Regulatory Peptides 73:191-196, 1998.
28. Cudd, T.A. Vagal blockade does not prevent adrenocorticotropin, cortisol and cardiopulmonary responses to thromboxane A2. Can. J. Physiol. Pharmacol. 76:1087-1094, 1998.
29. Rammerstorfer, C., Potter, G.D., Cudd, T.A., Gibbs, P.G., Varner, D.D., Householder, D.D. Physiological responses of mature quarter horses to reining training when fed conventional and fat-supplemented diets. J. Equine Vet. Sci. 18:175-183, 1998.
30. Keller-Wood, M., Cudd, T.A., Norman, W., Caldwell, S.M., Wood, C.E. A model in sheep for the study of maternal adrenal function during pregnancy. Lab. Animal Sci. 48:507-512, 1998.
31. Cudd, T.A. and Wasser, J.S. Biomedical device design discovery team approach to teaching physiology to undergraduate bioengineering students. Am. J. Physiol. 277 (Adv. Physiol. Educ. 22): S29-S41, 1999.
32. Cudd, T.A., Wasser, J.S., Chen, W.-J.A., West, J.R. Brain high energy phosphate responses to ethanol exposure in neonatal rats: an in vivo 31P-NMR study. Alcohol. Clin. Exp. Res. 24:865-872, 2000.
33. Cudd, T.A., Chen, W.-J.A., Parnell, S.E., West, J.R. Third trimester binge alcohol exposure results in fetal hypercapnea and acidemia but not hypoxemia in pregnant sheep. Alcohol. Clin. Exp. Res. 25:269-275, 2001.
34. West, J.R., Parnell, S.E., Chen, W.-J. A., Cudd, T.A. Alcohol-mediated Purkinje cell loss in the absence of hypoxemia during the third trimester in an ovine model system. Alcohol. Clin. Exp. Res. 25:1051-1057, 2001.
35. Cudd, T.A., Chen, W.-J.A., Parnell, S.E., West, J.R. Fetal and maternal sheep hypothalamus pituitary adrenal axis responses to chronic binge ethanol exposure during the third trimester equivalent. Alcohol. Clin. Exp. Res. 25: 1065-1071, 2001.
36. Cudd, T.A., Chen, W.-J.A., Parnell, S.E., West, J.R. Fetal and maternal thyroid hormone responses to ethanol exposure during the third trimester equivalent of gestation in sheep. Alcohol. Clin. Exp. Res. 26: 1065-1071, 2002.
37. Wu, G., Bazer, F.W., Cudd, T.A., Meininger, C.J., Spencer, T.E. Maternal nutrition and fetal development. J. Nutr. 134:2169-2172, 2004.
38. Cudd, T.A. Animal model systems for the study of alcohol teratology. Exp. Biol. Med. 230:389-393, 2005.
39. Ramadoss, J., Hogan, H.A., Given, J.C., West, J.R., Cudd, T.A. Binge alcohol exposure during all three trimesters alters bone strength and growth in fetal sheep. Alcohol 38:185-192, 2006.
40. Parnell, S.E., Ramadoss, J., Delp, M.D., Ramsey, M.W., Chen, W.-J.A., West, J.R., Cudd, T.A. Repeated third trimester ethanol exposure increases fetal cerebral blood flow. Exp. Physiol. 92:933-943, 2007.
41. Ramadoss, J., Lunde, E.R., Pina, K.B., Chen, W.-J.A. Cudd, T.A. All three trimester binge alcohol exposure causes fetal cerebellar Purkinje cell loss in the presence of maternal

hypercapnea, acidemia and normoxia: ovine model. Alcohol. Clin. Exp. Res. 31:1252-1258, 2007.
42. Ramadoss, J. Lunde, E.R., Chen, W.-J.A., West, J.R., Cudd, T.A. Temporal vulnerability of fetal cerebellar Purkinje cells to chronic binge alcohol exposure: ovine model. Alcohol. Clin. Exp. Res. Alcohol, Clin. Exp. Res. 31:1738-1745, 2007.
43. Wu, G., Bazer, F.W., Cudd, T.A., Jobgen, W.S., Kim, S.W., Lassala, A. Li, P., Matis, J.H., Meininger, C.J., Spencer, T.E. Pharmacokinetics and safety of arginine supplementation in animals. J. Nutr. 137:1673S-1680S, 2007.
44. Ramadoss, J., Tress, U., Chen, W.-J.A., Cudd, T.A. Maternal adrenocorticotropin, cortisol and thyroid hormone responses to all three trimester-equivalent repeated binge alcohol exposure: ovine model. Alcohol 42:199-205, 2008.
45. Littner, Y., Cudd, T.A., O'Riordan, M.A., Cwik, A., Bearer, C.F. Elevated fatty acid ethyl esters in meconium of sheep fetuses exposed to in utero ethanol: a new animal model. Ped. Res. 63:164-168, 2008.
46. Johnson, T., Goodlett, C., Stanton, M., Cudd, T.A. Eyeblink classical conditioning in the pre-weanling lamb. Behav. Neurosci. 122:722-729, 2008.
47. Ramadoss, J., Wu, G., Cudd, T.A. Chronic binge ethanol mediated acidemia reduces availability of glutamine and related amino acids in maternal plasma of pregnant sheep. Alcohol, 42:657-666, 2008.
48. Ramadoss, J., Lunde, E.R., Chen, W.-J.A., Cudd, T.A. Acid sensitive channel inhibition prevents Fetal Alcohol Spectrum Disorders cerebellar injury. Am. J. Physiol. (Regulatory, Integrative Comp. Physiol.) 295: R595-R603, 2008.
49. Lassala, A., Bazer, F.W., Cudd, T.A., Li, P., Li, X., Satterfield, M.C., Spencer, T.E., Wu, G. Intravenous administration of L-citrulline to pregnant ewes is more effective than L-arginine in increasing arginine availability in the fetus. J. Nutr. In Press.

Non-refereed Publications:

1. Cudd, T.A. Clinical care of the preterm foal in a large private veterinary practice. Proc. Symp. Equine Neonatal Intensive Care and Parenteral Nutrition for Large Animal Patients. Travenol Labs, Deerfield, IL, 1985.
2. Cudd, T.A. Amikacin sulfate as a treatment for severe equine respiratory infections. Vet. Med. Feb. 99-103, 1985.
3. Cudd, T.A., Koterba, A.M. The 1987 survey of equine neonatal diseases: 1987. Int. Soc. Vet. Perinatology Newsletter, 1:3, 1988.
4. Cudd, T.A. Experiences of neonatal intensive care in private practice. Equine Vet. J. Supp. 5:34-36, 1988.
5. Cudd, T.A. Organization of an equine neonatal intensive care unit in private practice. Proc. Vet. Tech. Prog. Large Animal Neonatal Intensive Care, Eastern States Vet. Conf. 12-15, 1988.
6. Cudd, T.A., Koterba, A.M. Results of the 1988 ISVP member survey of equine neonatal disease. Int. Soc. Vet. Perinatology Newsletter, 3:1, 1990.
7. Cudd, T.A. Parenteral nutrition support in foals. Comp. Cont. Ed. Pract. Vet. 15:1547-1550, 1993.
8. Wood, C.E. and T.A. Cudd. Development of the hypothalamus-pituitary-adrenal axis of the equine fetus: A comparative review. Equine Vet. J. (Suppl.) 24:74-82, 1997.

Scientific Abstracts:

1. Tormo, V.J., Cudd, T.A., Trent, S. Home health care based TPN services for neonatal foals in a large animal veterinary clinic. Proc. 20th Ann. Am. Soc. Hosp. Pharm. Mid-Year Clin. Meeting, 1985.
2. Adams, R., Cudd, T.A., Koterba, A., Brown, M. Exploratory celiotomy in 20 foals less than 2 weeks of age: A retrospective of surgical findings. Vet. Surg. 15:111, 1986.
3. Cottrill, C.M., Cudd, T.A. Foal neonatal intensive care: experience during four years of private veterinary practice. Proc. Fifth Int. Conf. Equine Infect. Dis. 1987.
4. Cottrill, C.M., Cudd, T.A. Foal intensive care: four years of private veterinary practice. Proc. Southern Soc. Ped. Res. Ann. 70A, 1988.
5. Freeman, K.P., Cline, J.M., Simmons, R., Wilkins, P., Cudd, T.A., Perry, B.J. Bronchopulmonary dysplasia in neonatal foals. Proc. Am. Col. Vet. Internal Med.; 542-545, 1989.
6. Cudd, T.A. Incidence of inadequate passive transfer in foals in Central Kentucky and assessment of three field detection methods. Proc. Sec. Int. Conf. Vet. Perinatology. 17, 1990.
7. Cudd, T.A., Wood, C.E. Influence of prostaglandin E2 on ACTH secretion. FASEB J.,4:A827, 1990.
8. Cudd, T.A., Wood, C.E. Fetal pulmonary immunoreactive adrenocorticotroin: An extrapituitary contribution to fetal adrenocortical stimulation at the end of ovine gestation? The Physiologist. 34:264, 1991.
9. Cudd, T.A., Wood, C.E. Prostaglandin E2 stimulates ovine fetal ACTH secretion at a site outside the carotid vasculature. 38th Ann. Soc. Gynec. Invest. 141, 1991.
10. Cudd, T.A., LeBlanc, M., Silver, M., Norman, W., Madison, J., Keller-Wood, M., Wood, C.E. Ontogeny of adrenocorticotropic hormone and cortisol in the late-gestation foetal horse. Proc. Havermeyer Foundation Int. Workshop on Disturbances in Equine Foetal Maturation, 37, 1992.
11. LeBlanc, M.M., Cudd, T.A., Madison, J., Norman, W., Silver, M. and Wood, C.E. Use of a holter monitor for long-term recording of electrocardiogram in the foetus and dam. Disturbances in equine foetal maturation: comparative aspects. Proc. Havermeyer Foundation Int. Workshop on Disturbances in Equine Foetal Maturation, 43, 1992.
12. Wood, C.E., LeBlanc, M., Silver, M., Norman, W., Madison, J., Keller-Wood, M., Cudd, T.A. Ultradian rhythm in equine foetal and maternal plasma ACTH. Proc. Havermeyer Foundation Int. Workshop on Disturbances in Equine Foetal Maturation, 54, 1992.
13. Cudd, T.A., Wood, T.A. Thromboxane A2 mediates the cardiovascular and adrenocorticotropic responses to mineral acid infusion in sheep. FASEB J., 6:A1848, 1992.
14. Cudd, T.A., LeBlanc, M., Silver, M., Norman, W., Madison, J., Keller-Wood, M., Wood, C.E. Adrenocorticotropin and cortisol ultradian rhythmicity in fetal pregnant and non-pregnant horses. 40th Ann. Soc. Gynec. Invest. 74, 1993.
15. Castro, M.I., Cudd, T.A., Wood, C.E. Ovine pulmonary fetal adrenocorticotropin-like immunoreactivity and bioactivity: ontogeny and in-vivo release. Proc.75th Ann. Endocrine Soc. 472, 1993.
16. Cudd, T.A., LeBlanc, M., Silver, M., Norman, W., Madison, J., Keller-Wood, M., Wood, C.E. Ontogeny of adrenocorticotropic hormone, cortisol and corticosteroid binding globulin binding capacity in the late-gestation fetal horse. Proc. 75th Ann. Endocrine Soc. 471, 1993.

17. Wood, C.E., Keller-wood,M., Cudd,T.A., Norman,W. Diurnal rhythm of corticotrin releasing factor (CRF) in the plasma of late-gestation pregnant mares. Proc. 3rd Int. Conf. Vet. Perinatology. 4, 1993.
18. Castellon, R., Purington,S.C. and Cudd, T.A. Does circulating thromboxane A2 stimulate centrally mediated cardiovascular responses in sheep? FASEB J., A333, 1994.
19. Cudd, T.A., Wood, C.E. Thromboxane A2 receptor antagonism prevents the hormonal and cardiovascular response to mineral acid infusion. FASEB J., A228, 1994.
20. Cudd, T.A., Wood, C.E. Are ACTH and cortisol responses to HCl infusions in the fetal lamb mediated by thromboxane? Proc. 75th Ann. Endocrine Soc., 359, 1994.
21. Wood, C.E., Purinton, S., Cudd, T.A. Immunoreactive thromboxane synthase is detectable in ovine fetal hypothalamus as early as 86 day's gestation. FASEB J., A377, 1995.
22. Purinton, S. Cudd, T.A. Thromboxane does not stimulate adrenocortical or cardiovascular responses through actions at the carotid sinus. FASEB J., A376, 1995.
23. Cudd, T.A., Castellon, R., Purinton, S. Thromboxane A2 acts centrally to stimulate adrenocortical and cardiovascular responses. FASEB J., A376, 1995.
24. Cudd, T.A. and Wood, C.E. Secretion and clearance of immunoreactive ACTH by fetal lung. Proc. 4th Int. Conf. Vet. Perinatology. 79, 1995.
25. Cudd, T.A. Pulmonary development, adaptation and function: Does the lung play an active role in the control of pulmonary development and the timing of parturition? Proc. P.D. Rossdale International Workshop on Equine Perinatology, 17, 1995.
26. Felps, C.S., Cudd, T.A. Cyclooxygenase inhibition alters reflex responses to centrally administered thromboxane A2 analog U46619. FASEB J. A607, 1996.
27. Cudd, T.A., Felps, C.S. Thromboxane A2 acts at the brain to mediate hemodynamic and hormonal responses. FASEB J. A607, 1996.
28. Cudd, T.A., Chen, W.-J.A., West, J.R. Acute hemodynamic and hormonal responses to ethanol in adult female sheep. Alcohol Clin. Exp. Res. Supp. 20: 26A, 1996.
29. Cudd, T.A. Vagal nerve blockade does not prevent the ACTH, cortisol and blood gas responses to infusions of thromboxane A2 mimetic. FASEB J. A487, 1997.
30. Wheeler, R., Donaruma, M., Patel, N.C., Cudd, T.A. Thromboxane synthase is expressed in astrocytes of the paraventricular nucleus. FASEB J. A487, 1997.
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Book Chapters:

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2. Cudd, T.A. Evaluation of Acute Abdominal Pain. in Manual of Equine Clinical Neonatology, edited by A.M. Koterba, W.H. Drummond, P.C. Kosch, Lea and Febiger, Philadelphia, 1990.
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5. Glenton-McDonald, P., Green, M.A., Vaala, W.E., Cudd, T.A., Koterba, A.M. Nursing Techniques. in Manual of Equine Clinical Neonatology, edited by A.M. Koterba, W.H. Drummond, P.C. Kosch, Lea and Febiger, Philadelphia, 1990.
6. Cudd, T.A. Neonatal Transport. in Manual of Equine Clinical Neonatology, edited by A.M. Koterba, W.H. Drummond, P.C. Kosch, Lea and Febiger, Philadelphia, 1990.
7. Cudd, T.A. Septicemia in foals. in The Merck Veterinary Manual, edited by Fraser, C.M., Bergeron, J.A., Mays, A., Aiello, S.E., Merck & Co., Rahway, 1991.
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Teaching:
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