



John Madigan
Professor
Medicine & Epidemiology
Office
2415A Tupper Hall, Davis, CA 95616

Licenses

Diplomate American College of Veterinary Internal Medicine
Diplomate American College of Animal Welfare

Education

1970, BS, University of California, Davis,
1972, MS, University of California, Davis,
1975, DVM, University of California, Davis,

Active Research Grants

Co-Principal Investigator, Neurosteroid Biomarkers for Kangaroo Mother Care (KMC), Vinod K. Bhutani (Principal Investigator), Bill and Melinda Gates Foundation Grand Challenges

Explorations

Principal Investigator, Investigation of birth transition of consciousness in a swine model, (Principal Investigator), Private donor

Honors and Awards

1996 Pfizer Award Research Excellence
1994 US Army Certificate of Appreciation for Sling Rescue Operations
1997 Certificate of Appreciation for Flood Emergency Workers Recognition Day
2006 American Red Cross Hero Award, Animal Rescue Category
2006 US House of Representatives Certificate of Special Congressional Recognition Award (Congressman Mike Thompson)
2006 California State Assembly Certificate of Recognition
2006 American Association of Equine Practitioners Distinguished Service Award
2006 Letter of Commendation (Congressman Wally Herger)
2006 American Veterinary Medical Association Welfare Award
2007 Legend of Academic Medicine, Large Animal Medicine, Kansas State University
2008 Alumni Achievement Award, UC Davis School of Veterinary Medicine
2008 UC Davis Centennial Fall Convocation Speaker, Mondavi Center, UC Davis
2013 Distinguished Professor - University of California -Davis
2014 Milne Lecture -Lifetime Achievement Award - American Association of Equine Practitioners 2014
2017 State of California Emergency Medical Services Authority
Certificate of Commendation
2018 Distinguished Service Award

Cal-Aggie Alumni Association

Most Recent Five Book Chapters

2010 Madigan JE : Potomac Horse Fever, , Merck Veterinary Manual, . .

2010 Madigan JE :Anaplasma phagocytophilum in horses, , Merck Veterinary Manual, . .

2007 Madigan JE : Headshaking in horses, Smith B, (ed), Large Animal Internal Medicine, . .

2007 Pusterla N, Madigan JE :Neorickettsia risticii, Sellon and Long, (ed), Equine Infectious Diseases, . 357-62.

2007 Pusterla N, Madigan JE :Anaplasma phagocytophilum, Sellon and Long, (ed), Equine Infectious Disease, Philadelphia. 354-7.

Research Focus

Equine and Comparative Neurology,

Neonatal medicine,

Transition of consciousness at birth in infants and neonatal foals,

Trigeminal Mediated Headshaking, Infectious disease

Ten Recent Publications

2018

Divers, TJ, Gardner, RB, Madigan, JE, Witonsky, SG, Bertone, JJ, Swinebroad, EL, Schutzer, SE, Johnson, AL

Borrelia burgdorferi Infection and Lyme Disease in North American Horses: A Consensus Statement.

2017

Aleman, M, Weich, KM, Madigan, JE

Survey of Veterinarians Using a Novel Physical Compression Squeeze Procedure in the Management of Neonatal Maladjustment Syndrome in Foals.

2017

McCallie, KR, Gaikwad, NW, Castillo Cuadrado, ME, Aleman, M, Madigan, JE, Stevenson, DK, Bhutani, VK

Skin-to-skin contact after birth and the natural course of neurosteroid levels in healthy term newborns.

2016

Aleman M, Davis E, Knych H, Guedes A, Smith F, Madigan JE

Drug residues after intravenous anesthesia and intrathecal lidocaine hydrochloride euthanasia in horses

2015

Aleman M, Davis E, Williams DC, Madigan JE, Smith F, Guedes A

Electrophysiologic study of a method of euthanasia using intrathecal lidocaine hydrochloride administered during intravenous anesthesia in horses

2015

Aleman M, Williams DC, Guedes A, Madigan JE

Cerebral and brainstem electrophysiologic activity during euthanasia with pentobarbital sodium in horses.

2014

Finno CJ, Aleman M, Higgins RJ, Madigan JE, Bannasch DL

Risk of false positive genetic associations in complex traits with underlying population structure: A case study

2014

Aleman M, Dimock AN, Wisner ER, Prutton JW, Madigan JE

Atlanto-axial approach for cervical myelography in a Thoroughbred horse with complete fusion of the atlanto-occipital bones

2014

Winfield LS, Kass PH, Magdesian KG, Madigan JE, Aleman M, Pusterla N

Factors associated with survival in 148 recumbent horses

2014

Aleman M, Madigan JE, Williams DC, Holliday TA

Brainstem auditory evoked responses in an equine patient population. Part II: foals