

**Publications of Veterinary Staff
White Oak Conservation**

Stover J, Jacobson ER, **Lukas J**, Lappin MR, and Buergelt CD : *Toxoplasma Gondii* in a collection of nondomestic ruminants, JZWM, 21(3):295-301, 1990.

Citino SB : Chronic, intermittent Clostridium perfringens enterotoxigenesis in a group of cheetahs (Acinonyx jubatus jubatus), JZWM, 26(2) : 279-285, 1995.

Citino SB : Diagnosis of Clostridium perfringens Enterotoxigenesis in a Collection of Cheetahs (Acinonyx jubatus jubatus), Proc. American Association of Zoo Veterinarians, 1994, pp. 347-349.

Young LE, Hopkins, A, **Citino, SB**, Papendick, R, and BL Homer : Eastern Equine Encephalomyelitis in a Gerenuk (Litocranius walleri), Proc. American Association Of Zoo Veterinarians, 1994, p. 324.

Swanson WF, Wildt DE, Cambre RC, **Citino SB**, et al : Reproductive survey of endemic felid species in Latin American zoos: Male reproductive status and implications for conservation, Proc. American Association of Zoo Veterinarians, 1995, pp. 374-380.

Klein L, and **Citino SB** : Comparison of detomidine/carfentanil/ketamine and medetomidine/ketamine anesthesia in Grevy's zebra, Proc. American Association of Zoo Veterinarians, 1995, pp. 290-295.

Schumacher J, Heard DJ, **Young, L**, and **Citino SB** : Cardiopulmonary effects of Carfentanil in dama gazelles (Gazella dama), Proc. American Association of Zoo Veterinarians, 1995, p. 296.

Citino SB : The Use of a Modified, Large Cervid Hydraulic Squeeze Chute for Restraint Of Exotic Ungulates, Proc. American Association of Zoo Veterinarians, 1995, pp. 336-337.

Bush M, Munson L, **Citino S**, Junge R : Anesthesia and preventive health of cheetahs, In: Cheetah Management Manual, IUCN CBSG, Apple Valley, Minnesota, In Press.

Bratthauer AD, Fischer DC, **Citino SB**, Taylor SK, and Montali RJ : Use of 25% EDTA as an improved anticoagulant for some avian species, 15th Annual Proc. Association of Zoo Veterinary Technicians, 1995, pp. 25-32.

Young LA, Citino SB, Seccareccia V, Munson L, and Nichols DK : Eastern Equine Encephalitis in an Exotic Avian Collection, Proceedings of the Association of Avian Veterinarians Annual Conference, 1996, pp. 163-165.

Citino, SB: Encephalomyocarditis Virus, American Association of Zoo Veterinarians Infectious Disease Notebook, 1996.

Garner MM, **Lung NP, Citino SB**, Greiner EC, Harvey JW, and Homer BL : Fatal Cyttauzoonosis in a Captive-Reared White Tiger (Panthera tigris), Vet. Pathol., 33(1): 82-86, 1996.

Long, JA, Pukazhenth, BS, Kramer, L, **Citino, S**, Wildt, DE, and JG Howard : Sperm capacitation in vitro in the leopard cat (Felis bengalensis) and cheetah (Acinonyx jubatus), Proceedings: Soc. Stud. Reprod., Biol. Reprod., Suppl. 54:332, 1996.

Schumacher J, Heard DJ, **Young L**, and **Citino SB** : Cardiopulmonary effects of Carfentanil in Dama Gazelles (Gazella dama), JZWM, 28(2): 166-170, 1997.

Schumacher J, Citino SB, and Dawson R : Effects of a carfentanil/xylazine combination on cardiopulmonary function and plasma catecholamines in the Bongo Antelope (Tragelaphus eurycerus isaaci), Am. J. Vet. Research, 58(2):157-161, 1997.

Schumacher J, Citino SB, Hernandez K, Hutt J, and Dixon B : Cardiopulmonary and anesthetic effects of propofol for induction and maintenance of anesthesia in wild turkeys (Meleagris gallipavo), Am. J. Vet. Research, 58(9): 1014-1017, 1997.

Citino SB : Rotavirus and Coronavirus Infections in Nondomestic Ruminants, In: Zoo And Wild Animal Medicine, Current Therapy 4, Fowler ME (ed.), W.B. Saunders Co., Philadelphia, pp. 605-613, c. 1999.

Taylor SK, **Citino SB**, Zdziarski JM, and Bush M : Radiographic anatomy and barium sulfate transit time of the gastrointestinal tract of the leopard tortoise (Testudo pardalis), JZWM, 27(2): 180-186, 1996.

Shields Mayer C : MedARKS: What not to enter, Proceedings Assoc. of Zoo Vet. Tech., September, 1994, pp. 93-95.

Citino SB and Munson L : Lymphoplasmacytic Gastritis in the Cheetah (Acinonyx jubatus): A preliminary evaluation of therapies, Proceedings 8th Annual NOAHS Days, 1997.

Cunningham MW, Dunbar MR, Buergelt CD, Homer B, Taylor SK, Roelke-Parker M, King R, **Citino SB**, and Glass C : Ostium Secundum Atrial Septal Defects in the Florida Panther (*Felis concolor coryi*), Proceedings 46th Annual Wildlife Disease Assoc. Conference, 1997, p. 34.

Kolbach LM : Total Parenteral Nutrition in Exotic Hoofstock Neonates, Proceedings Assoc. of Zoo Vet. Tech., October, 1995, pp. 93-96.

Shields Teare C : Quality Control in the Zoo Veterinary Laboratory, Proceedings Assoc. of Zoo Vet. Tech., October, 1996, pp. 11-18.

Kolbach LM : Arterial Blood Gas Determination, Pulse Oximetry, and Early Detection of Hypoxemia in Non-Domestic Hoofstock, Proceedings Assoc. of Zoo Vet. Tech., October, 1996, pp. 49-54.

Hernandez KL : Biomedical Waste and the Zoo Veterinary Technician, Proceedings Assoc. of Zoo Vet. Tech., October, 1996, pp. 153-161.

Long JA, Pukazhenthil BS, Wildt DE, Kramer L, **Citino SB**, and JG Howard : Sperm capacitation in vitro in the leopard cat (*Felis bengalensis*) and cheetah (*Acinonyx jubatus*), Biol Reprod, 54(Suppl 1):139, 1996.

Fleming GJ and **Citino SB** : Food Item Selection and Nutritional Management of the Palm Cockatoo (*Probosciger aterrimus*) in Captivity, Proceedings American Association of Zoo Veterinarians, 1997, p. 44.

Deem SL and **Citino SB** : Continuous Intra-Arterial Monitoring of Blood Gases Using the Paratrend 7tm Applications in Non-Domestic Species, Proceedings American Association of Zoo Veterinarians, 1997, pp. 156-157.

Terio KA and **Citino SB** : The Use of Fractional Excretion for Early Diagnosis of Renal Damage in Cheetahs (*Acinonyx jubatus*), Proceedings American Association of Zoo Veterinarians, 1997, pp. 266-268.

Hernandez KL : *Hemoproteus Spp.* in Wild and Captive Avian Species at White Oak Conservation Center, Proceedings Assoc. of Zoo Vet. Tech., October, 1997, pp. 7-11.

Shields Teare C, Dein FJ, and **Hernandez KL** : Avian Complete Blood Counts: A Comparison of Laboratories, Proceedings Assoc. of Zoo Vet. Tech., October, 1997, p. 31.

Kolbach LM : Eastern Equine Encephalitis at White Oak Conservation Center, Proceedings Assoc. of Zoo Vet. Tech., October, 1997, pp. 45-47.

Masangkay JS, Armstrong D, **Citino SB**, et al : Chemical Immobilization of the Tamaraw (*Bubalus mindorensis*) for Semen Collection, Proceedings of the Annual Scientific Conference of the Veterinary Practitioners Association of the Philippines, 1997.

Schumacher J, Heard DJ, and **Citino SB** : Cardiopulmonary effects of carfentanil in non-domestic hoofstock, Proceedings of the Second Scientific Meeting of the European Association of Zoo and Wildlife Veterinarians, Chester, United Kingdom, May 21-24, 1998, pp. 423-425.

Schumacher J, Bennett RA, and **Citino SB** : Propofol: Applications and limitations in exotic species, Proceedings of the Second Scientific Meeting of the European Association of Zoo and Wildlife Veterinarians, Chester, United Kingdom, May 21-24, 1998, pp. 427-430.

Roelke-Parker ME, Rossio JL, Black LK, Taylor S, **Citino SB**, Yates B, and SB O'Brien: Lymphocyte populations in wild pumas and African lions infected with feline immunodeficiency virus, Proceedings of the Meeting of the Laboratory of Genomic Diversity, 1997.

Backues KA, Hoover JP, Bauer JE, Barrie MT, McCann J, **Citino SB**, and R Wallace: Serum lipoprotein, thyroid hormone and resting cortisol levels in normal cheetahs, JZWM, 28(4):404-406, 1997.

Roelke-Parker ME, Rossio JL, Yuhki N, Taylor S, **Citino SB**, Yates B, and SB O'Brien: Lymphocyte populations in wild pumas and African lions infected with feline immunodeficiency virus, Proceeding of the Fourth International Feline Retrovirus Research Symposium, Glasgow, Scotland, May 28-30, 1998.

Penfold LM, **SB Citino**, DE Wildt, **S Shurter**, **J Lukas** and SL Monfort. Antelope Biology Research Partnership: Understanding the Reproductive Biology of Gerenuk (*Litocranius walleri walleri*) In: 9th Annual NOAHS Days Workshop on Conservation and Biodiversity, 1998, p. 36.

Kehler J, Rodden M, Bush M, **Citino SB**, Giger U, and P Henthorn: Genetic characteristics of cystinuria in maned wolves, In: 9th Annual NOAHS Days Workshop on Conservation and Biodeversity, 1998, p. 26.

Deem SL, Ko JCH, and **SB Citino**: Anesthetic and cardiorespiratory effects of tiletamine-zolazepam-medetomidine in cheetahs, J. Am. Vet. Med. Assoc., 213(7):1022-1026, 1998.

Taylor SK, Land ED, Roelke-Parker ME, **Citino SB**, and D Rotstein: Anesthesia of free-ranging Florida panthers (*Puma concolor coryi*), 1981 - 1998, Joint Proceedings American Association of Zoo Veterinarians and American Association of Wildlife Veterinarians, 1998, pp. 26-29.

Clippinger TL, **Citino SB**, and **S Wade**: Behavioral and physiologic response to an intermediate-acting tranquilizer, zuclopenthixol, in captive Nile lechwe (*Kobus megaceros*), Joint Proceedings American Association of Zoo Veterinarians and American Association of Wildlife Veterinarians, 1998, pp. 38-40.

Gevanthor JF, Tatum LM, **Deem SL**, and **SB Citino**: Preliminary evaluation of serum protein electrophoresis as a diagnostic tool in the black rhinoceros (*Diceros bicornis*), Joint Proceedings American Association of Zoo Veterinarians and American Association of Wildlife Veterinarians, 1998, pp. 124-127.

Hernandez K: Shipping samples and MedARKS, What=s the connection?, Proc. Assoc. Zoo Vet.Tech., 1998, pp. 41-45.

Citino SB: Metapopulation management: The veterinary profession=s role in the big picture, Proceedings of the Special Species Symposium A The Role of Veterinary Medicine in International Species Conservation, Cornell University College of Veterinary Medicine, April 16-18, 1999, pp. 4-6.

Rotstein DS, Thomas R, Helmick K, **Citino SB**, Taylor SK, and MR Dunbar : Dermatophyte infections in free-ranging Florida panthers (*Felis concolor coryi*), JZWM 30(2):281-284, 1999.

Proceedings of the Workshop on Diagnosis, Prevention, and Control of Johnes Disease in Non-Domestic Hoofstock, White Oak Conservation Center, June 26-28, 1998.

Citino SB and EM Rush : Clinical challenge - Renal disease in a cheetah, JZWM 30(2):314-317, 1999.

Cunningham MW, Dunbar MR, Buergelt CD, Homer BL, Roelke-Parker ME, Taylor SK, King R, **Citino SB**, and C Glass : Atrial septal defects in Florida panthers, J. Wildl. Dis., 35(3):519-530, 1999.

Munson L, de Lahunta A, **Citino SB**, Radcliffe RW, Neiffer, DL, Montali RJ, and I Stalis: Leukoencephalopathy in Cheetahs, Proceedings American Association of Zoo Veterinarians, 1999, p. 69.

- Penfold LM, Citino SB, Monfort SL, and DE Wildt:** Investigating age and seasonality As potential contributors to pleiomorphic spermatozoa in gerenuk, Society for the Study of Reproduction, 32nd Annual Meeting, p. 259, Abst 535.
- Shields Teare C:** Design and implementation of an internship program, Proceedings Assoc. of Zoo Vet. Tech., September, 1999, pp. 63-79.
- Cree LM:** Johnes Disease in the Zoological Collection: The veterinary technician=s role, Proceedings Assoc. of Zoo Vet. Tech., September, 1999, pp. 103-107.
- Penfold LM, Citino SB, Ball RL, Burden IB, Wielebnowski N and Monfort SL:** Failure Of the GnRH agonist, deslorelin, to affect semen production or aggressive behavior in gerenuk (*Litocranius walleri walleri*). Proceedings of the American Andrology Society, 2000.
- Terio KA, **Citino SB** and Brown JL: Fecal cortisol metabolite analysis for noninvasive monitoring of adrenocortical function in the cheetah (*Acinonyx jubatus*). JZWM 30(4):484-491, 1999.
- Citino SB:** Gastric abnormalities in ruminant browsers at White Oak Conservation Center. International Duiker Workshop, St. Catherine=s Wildlife Survival Center, March, 2000.
- Citino SB:** Design considerations for necropsy facilities: A clinician=s perspective, Proceedings American Association of Zoo Veterinarians and International Association of Aquatic Animal Medicine, 2000, pp. 359-363.
- Fiorello CV and **SB Citino:** Evaluation of serum GGT activity in neonates as an indicator of passive immunoglobulin transfer in exotic hoofstock species, Proceedings American Association of Zoo Veterinarians and International Association of Aquatic Animal Medicine, 2000, pp. 119-120.
- Helmick KE and **SB Citino:** Surgical diagnosis and management of a full-term ectopic pregnancy in a gerenuk (*Littocranius walleri walleri*), Proceedings American Association of Zoo Veterinarians and International Association of Aquatic Animal Medicine, 2000, pp. 266-268.
- Isaza RI, Shiller CA, **Stover J**, Smith PJ, and Greiner EC: *Halcephalobus gingivalis* (Nematoda) infection in a Grevy=s zebra (*Equus grevyi*), JZWM 31(1): 77-81, 2000.

Citino SB : Metapopulation Management: Concepts of Veterinary Involvement, Proceedings of the UC Davis School of Veterinary Medicine Wildlife and Aquatic Animal Medicine Club 7th Annual Wildlife Medicine Symposium, January 20, 2001, pp. 18-22.

Citino SB, Bush M, Grobler D, and W Lance: Anesthesia of roan antelope (*Hippotragus equinus*) with a combination of A3080, medetomidine, ketamine, J. S. Afr. Vet. Assoc. 72(1):29-32, 2001.

Hall Holder E, **Citino SB**, **Businga N**, Cartier L, and SA Brown: Measurement of glomerular filtration rate, plasma flow and endogenous creatinine clearance in cheetahs (*Acinonyx jubatus jubatus*), Proceedings American Association of Zoo Veterinarians, American Association of Wildlife Veterinarians, Association of Reptilian and Amphibian Veterinarians, and the National Association of Zoo and Wildlife Veterinarians, 2001, pp. 133-136.

Kimber K, **Pye, GW**, **Dennis PM**, **Citino SB**, Heard DJ, and RA Bennett: Diaphragmatic hernias in captive cheetahs (*Acinonyx jubatus*), Proceedings American Association of Zoo Veterinarians, American Association of Wildlife Veterinarians, Association of Reptilian and Amphibian Veterinarians, and the National Association of Zoo and Wildlife Veterinarians, 2001, pp. 151-153.

Pye GW, **Citino SB**, Bush M, Klein L, and W Lance: Anesthesia of eastern giant eland (*Taurotragus derbianus gigas*) at White Oak Conservation Center, Proceedings American Association of Zoo Veterinarians, American Association of Wildlife Veterinarians, Association of Reptilian and Amphibian Veterinarians, and the National Association of Zoo and Wildlife Veterinarians, 2001, pp. 226-231.

Kennedy M, **Citino S**, Dolorico T, Hillis McNabb A, Serino Moffat A, and S Kania: Detection of feline coronavirus infection in captive cheetahs (*Acinonyx jubatus*) by polymerase chain reaction, JZWM 32(1):25-30, 2001.

Penfold LM, Plotka E, and **SB Citino**: The effect of progestins on serum testosterone, aggression and semen production in Gerenuk (*Litocranius walleri walleri*), Journal of Andrology, Supplement , VII International Congress of Andrology, Montreal, Canada P1/2, 132, 2001, p. 114.

Oliva M: An in-house enzyme immunoassay laboratory for monitoring reproductive hormones, Proceedings Assoc. of Zoo Vet. Tech., Santa Barbara, California, November 4-8, 2001, pp. 13-18.

Citino SB, Bush M, Grobler D, and W Lance: Anesthesia of boma-captured

- Lichtenstein=s hartebeest (*Sigmoceros lichtensteini*) with a combination of thiafentanil, medetomidine, and ketamine, J. Wild. Dis. 38(2):457-462, 2002.
- LM Penfold** and PF Watson: The cryopreservation of gametes and embryos of cattle, sheep, goats and pigs. In: Cryobanking the genetic resource: Wildlife Conservation for the future? (eds.) PF Watson and WV Holt. Taylor and Francis, London, UK, 2001.
- WV Holt, **LM Penfold** and PF Watson: Cryopreservation of Lagomorph gametes and embryos. In: Cryobanking the genetic resource: Wildlife Conservation for the future? (eds.) PF Watson and WV Holt. Taylor and Francis, London, UK, 2001.
- Norton TM, **Penfold LM**, Lessnau B, Jochle W, Staaden SL, Jolliffe A, Bauman JE and Spratt J: Long acting deslorelin implants to control aggression in male lion-tailed macaques (*Macaca silenus*), Proceedings American Association of Zoo Veterinarians and International Association of Aquatic Animal Medicine, 2000, pp. 174-179.
- Penfold LM**, Harnal V, Lynch W, Bird D, Derrickson SR and Wildt DE: Northern pintail (*Anas acuta*) ejaculate characterisation and the effects of sperm preservation on fertility, J. Repr. and Fert. 121:267-275, 2001.
- Penfold LM**, Wildt DE, Herzog T, Lynch W, Ware L, Derrickson SR and Wildt DE: Seasonal patterns of LH and testosterone and semen quality in the Northern pintail (*Anas acuta*), Reproduction, Fertility and Development, 12:229-235, 2001.
- Helmick KE and **Citino SB**: Surgical resolution of an ectopic pregnancy in a captive Gerenuk (*Litocranius walleri walleri*), JZWM, 32(4):503-508, 2001.
- Deem SL and **Citino SB**: Parenteral nutrition in a neonatal reticulated giraffe (*Giraffa camelopardalis reticulata*), Proceedings American Association of Zoo Veterinarians, 2002, pp. 135-139.
- Wiebe SC**: Phlebotomy through operant conditioning in captive tigers (*Panthera tigris*), Proceedings American Association of Zoo Veterinarians, 2002, pp. 65-67.
- Penfold LM**, Louis E, DeMaar, T, and **Citino SB**: Preliminary studies for developing a Semen importation protocol to increase the genetic diversity of the captive gerenuk population, Proceedings American Association of Zoo Veterinarians, 2002, pp. 208-209.
- Kennedy M, **Citino S**, Hillis McNabb A, Serino Moffatt A, Gertz K, and S Kania: Detection of feline coronavirus in captive Felidae in the USA, J. Vet. Diagn. Invest. 14:520-522, 2002.

Bush, Grobler D, Cooper D, **Citino S**, Jessup D, Raath C, and W Lance: Using A3080, medetomidine and ketamine for anesthesia of problem free-ranging African hoofstock, International Joint Conference of Society of Tropical Veterinary Medicine and Wildlife Disease Association, Pilanesburg National Park, South Africa, July 22-27, 2001.

Penfold LM, Ball R, **Burden I**, Jochle W, **Citino SB**, Monfort SL and N Wielebnowski: Case studies in antelope aggression control using a GnRH agonist, Zoo Biology 21:435-448, 2002.

Wielebnowski NC, **Ziegler K**, Wildt DE, **Lukas J**, and JL Brown: Impact of social management on reproductive, adrenal and behavioral activity in the cheetah (*Acinonyx jubatus*), *Animal Conservation* 5:291-301, 2002.

Citino SB: Bovidae (Except Sheep and Goats) and Antilocapridae, In: Zoo and Wild Animal Medicine, Fifth Ed., (eds.) Fowler ME and RE Miller, Saunders, St. Louis, Missouri, 2003, pp. 649-674.

Fleming GJ and **SB Citino**: Suspected vitamin D₃ toxicity in a group of black Rhinoceros (*Diceros bicornis*), Proceeding American Association of Zoo Veterinarians, 2003, pp. 21-22.

Fleming GJ, **Citino SB**, Vercammen F, **Ruf R**, and **KM Andra**: Glucosuria in captive Okapi (*Okapia johnstoni*), Proceeding American Association of Zoo Veterinarians, 2003, pp. 253-254.

Christensen B, **Oliva M**, **Andra K**, and **L Penfold**: Noninvasive monitoring of stress in nonpregnant and pregnant Okapi (*Okapia johnstoni*), Proceeding American Association of Zoo Veterinarians, 2003, pp. 255-259.

Norton TM, Poppenga R, Jacobson E, Stevenson D, Cray C, Dierenfeld E, Sepulveda MS, Gross T, Chen T, Telford S, and **M Oliva**: Health assessment in the eastern Indigo snake (*Drymarchon corais couperi*) in southeastern Georgia: Preliminary Findings, Proceeding American Association of Zoo Veterinarians, 2003, p. 4.

Norton TM, Poppenga R, Moler P, Jensen J, Cray C, Dierenfeld E, Sepulveda MS, Gross T, Denslow N, Chen T, Telford S, **Oliva M**, Orrigi F, and MB Brown: Health assessment of the alligator snapping turtle (*Macrochelys temminckii*) in Georgia and Florida, Proceedings Association of Reptilian and Amphibian Veterinarians, 2003, pp. 110-111.

Swanson WF, Johnson WE, Cambre RC, **Citino SB**, Quigley KB, Brousset DM, Morais RN, Moreira N, O=Brian SJ, and DE Wildt: Reproductive status of edemic felid species in Latin American zoos and implications for ex situ conservation, Zoo Biology 22:421-441, 2003.

Schumacher J, Snyder P, **Citino SB**, Bennett RA, and LD Dvorak: Radiographic and electrocardiographic evaluation of cardiac morphology and function in captive cheetahs (Acinonyx jubatus), JZWM 34(4):357-363, 2003.

Eino D, **Citino SB**, and M Thompson: Clinical Challenge, JZWM 34(4):416-419, 2003.

Munson L, Wack R, Duncan M, Montali RJ, Boon D, Stalis I, Crawshaw GJ, Cameron KN, Mortenson J, **Citino S**, Zuba J, and RE Junge: Chronic eosinophilic dermatitis associated with persistent feline herpes virus infection in cheetahs (Acinonyx jubatus), Vet Pathol. 41:170-176, 2004.

Chatfield J, **Citino S**, Munson L, and S Konopka: Validation of the ¹³C-urea breath test for use in cheetahs (Acinonyx jubatus) with Helicobacter, JZWM 35(2):137-141, 2004.

Hall Holder E, **Citino SB**, **Businga N**, Cartier L, and SA Brown: Measurement of Glomerular filtration rate, renal plasma flow, and endogenous creatinine clearance in cheetahs (Acinonyx jubatus jubatus), JZWM 35(2):175-178, 2004.

Pye GW, **Acime S**, **Citino SB**, **L Penfold**: Characterization and cryopreservation of semen collected by electroejaculation from captive eastern giant eland (Taurotragus derbianus gigas), Proceeding American Association of Zoo Veterinarians, American Association of Wildlife Veterinarians, and Wildlife Disease Association, 2004, p. 124.

Cunningham MW, Brown MA, Terrell SC, Land DE, Shindle DB, **Citino SB**, Roca A, Johnson WE, and SJ O=Brien: Epizootiology and management of feline leukemia virus in free-ranging Florida panthers: Preliminary results, Proceeding American Association of Zoo Veterinarians, American Association of Wildlife Veterinarians, and Wildlife Disease Association, 2004, pp. 419-424.

Hackendahl NC and **SB Citino**: Radiographic kidney measurements in captive cheetahs (Acinonyx jubatus), JZWM 36(2):321-322, 2005.

Bush M, **Citino SB**, and D Grobler: Improving cardiopulmonary function for a safer anesthesia of white rhinoceros (Ceratotherium simum): Use of opiate cocktails to

- influence receptor effects, Proceedings American Association of Zoo Veterinarians, American Association of Wildlife Veterinarians, and AZA Nutrition Advisory Group, 2005, pp. 259-260.
- Klein L, Bush M, **Citino SB**, **Shield Teare C**, Moate PJ, Boston RC, and LR Soma: Effects of three methods of storage on PO₂, PCO₂, and pH of Grevy's zebra (Equus grevyi) blood, Proceedings American Association of Zoo Veterinarians, American Association of Wildlife Veterinarians, and AZA Nutrition Advisory Group, 2005, pp. 267-269.
- Lafortune M**, Gunkel C, Valverde A, Klein L, and **SB Citino**: Reversible anesthetic Combination using medetomidine-butorphanol-midazolam (MBMZ) in cheetahs (Acinonyx jubatus), Proceedings American Association of Zoo Veterinarians, American Association of Wildlife Veterinarians, and AZA Nutrition Advisory Group, 2005, p. 270.
- De Wit M**, Ware LH, Lynch W, Derrickson SR, Briggs MB, and **LM Penfold**: Investigation into the effects of leuprolide acetate on reproduction in ducks, Proceedings American Association of Zoo Veterinarians, American Association of Wildlife Veterinarians, and AZA Nutrition Advisory Group, 2005, p. 242.
- Penfold LM**, Monfort SL, Wolfe BA, **Citino SB**, and DE Wildt: Reproductive physiology And artificial insemination studies in wild and captive gerenuk (Litocranius walleri walleri), Reproduction, Fertility and Development 17:707-714, 2005.
- Patton L, Jochle W, and **LM Penfold**: Contraception in ungulates. In: Wildlife Contraception (eds.) Asa CS and IJ Porton, John Hopkins University Press, Baltimore, Maryland, 2005.
- Penfold LM**, Jochle W, and L Patton: The use of contraceptive agents in aggression control. In: Wildlife Contraception (eds.) Asa CS and IJ Porton, John Hopkins University Press, Baltimore, Maryland, 2005.
- Citino SB** and L Munson: Efficacy and long-term outcome of gastritis therapy in cheetahs (Acinonyx jubatus), JZWM 36(3):401-416, 2005.
- Reid HR, Deem SL, and **SB Citino**: Extraosseous osteosarcoma in a maned wolf (Chrysocyon brachyurus), JZWM 36(3):523-526, 2005.
- Lock BA, **Citino SB**, and A Pickup: Intrahepatic portosystemic venous shunt in a neonatal roan antelope (Hippotragus equinus cottoni), JZWM 36(3):546-549, 2005.
- Roth TL, Stoops MA, Atkinson MW, Blumer ES, Campbell MK, Cameron KN, **Citino SB**, and AK Maas: Semen collection in rhinoceroses (Rhinoceros unicornis,

Diceros bicornis, Ceratotherium simum) by electroejaculation with a uniquely designed probe, JZWM 36(4):617-627, 2005.

Esson DW, Wellehan JFX, Lafortune M, Valverde A, and **SB Citino**: Surgical management of a malacic corneal ulcer in a greater one-horned Asian rhinoceros (Rhinoceros unicornis) using a free island tarsoconjunctival graft, Vet Ophthalmology, 9(1):65, 2006.

Kennedy MA, Moore E, Wilkes RP, **Citino SB**, and SA Kania: Analysis of genetic mutations in the 7a7b open reading frame of coronavirus of cheetahs (Acinonyx jubatus), Am J Vet Res 67(4):627-632, 2006.

Roelke ME, Pecon-Slattery J, Taylor S, **Citino S**, Brown E, Packer C, VandeWoude S, and SJ O'Brien: T-lymphocyte profiles in FIV-infected wild lions and pumas reveal CD4 depletion, J Wildl Dis 42(2):234-248, 2006.

Citino SB, Bush M, Lance W, Hofmeyr M, and D Grobler: Use of thiafentanil (A3080), medetomidine, and ketamine for anesthesia of captive and free-ranging giraffe (Giraffa camelopardalis), Proceedings American Association of Zoo Veterinarians, 2006, pp. 211-213.

Fleming GJ, **Citino SB**, and M Bush: Reversible anesthetic combination using medetomidine-butorphanol-midazolam in in-situ African wild dogs (Lycaon pictus), Proceedings American Association of Zoo Veterinarians, 2006, pp. 214-215.

Schmidt DA, Ball RL, Grobler D, Ellersieck MR, Griffin ME, **Citino SB**, and M Bush: Serum concentrations of amino acids, fatty acids, lipoproteins, vitamin A and E, and minerals in apparently healthy, free-ranging Southern giraffe (Giraffa camelopardalis giraffe), Zoo Biology 26(1):13-25, 2007.

Fleming GJ, **Citino SB**, and A Petric: Glucosuria in captive okapi (Okapia johnstoni), JZWM 37(4):472-476, 2006.

Adin DB, Maisenbacher HW, Ojeda N, **Fiorello CV**, Estrada AH, Proseck R, and **SB Citino**: Cardiac evaluation of anesthetized Grevy's Zebra (Equus grevyi), Am J Vet Res 68(2):148-152, 2007.

Penfold LM, Munson L, Plotka E, and **SB Citino**: Effect of progestins on serum hormones, semen production, and agonistic behavior in gerenuk (Litocranius walleri walleri), Zoo Biology 26(4):245-257, 2007.

Patton ML, Jochle W, and **LM Penfold**: Review of contraception in ungulate species, Zoo Biology 26(4):311-326, 2007.

- Citino SB** and M Bush: Reference cardiopulmonary physiologic parameters for standing, unrestrained white rhinoceroses (Ceratotherium simum), JZWM 38(3):375-379, 2007.
- Oliva M, Steele V, President T, and L Penfold:** Can a single sample serum progesterone value diagnose pregnancy in white rhinoceros (Ceratotherium simum simum)?, Proc. Assoc. Zoo Vet. Technicians, P. 54, 2007.
- Shields Teare C:** Professional exchange for hospital management: White Oak Conservation Center, USA and Kenya Wildlife Service, Kenya, Africa, Proc. Assoc. Zoo Vet. Technicians, Pp. 75-78, 2007.
- Citino SB** and M Bush: Giraffidae. In: West G, Heard D, and N Caulkett (eds.), Zoo Animal and Wildlife Immobilization and Anesthesia, Blackwell Publishing, Ames, Iowa, 2007, Pp. 595-605.
- Siegal-Willot, J, Citino SB, Wade S, Elder L, and W Lance:** Butorphanol, azaperone, medetomidine anesthesia in free ranging white-tailed deer (Odocoileus virginianus) using radiotracer darts, Proceedings American Association of Zoo Veterinarians, American Association of Wildlife Veterinarians, and AZA Nutrition Advisory Group, 2007, P. 46.
- Citino SB, Bush M, and O Rivera:** A simple, unique field ventilator for large ungulates: Another use for your leaf blower, Proceedings American Association of Zoo Veterinarians, American Association of Wildlife Veterinarians, and AZA Nutrition Advisory Group, 2007, Pp. 51-52.
- Sanchez C, Murray S, Brown S, Marker L, and **S Citino:** Single-injection inulin clearance for routine determination of glomerular filtration rate in cheetahs (Acinonyx jubatus), Proceedings American Association of Zoo Veterinarians, American Association of Wildlife Veterinarians, and AZA Nutrition Advisory Group, 2007, Pp. 212-213.
- Oliva M, Steele V, President T, and LM Penfold:** Longitudinal serum progesterone analysis to assess reproductive success in female white rhinoceros (Ceratotherium simum), Proceedings American Association of Zoo Veterinarians, American Association of Wildlife Veterinarians, and AZA Nutrition Advisory Group, 2007, P. 240.
- Chatfield J, Norton T, and **L Penfold:** Semen collection and sperm parameters in ring-tailed lemurs (Lemur catta), Proceedings American Association of Zoo

Veterinarians, American Association of Wildlife Veterinarians, and AZA Nutrition Advisory Group, 2007, P. 226.

Wolfe BA, Weiss RB, Whitacre MD, Turner JB, and **LM Penfold**: Effects of fluphenazine decanoate on reproductive cyclicity and cortisol levels in central Chinese goral (Naemorhedus goral), Proceedings American Association of Zoo Veterinarians, American Association of Wildlife Veterinarians, and AZA Nutrition Advisory Group, 2007, Pp. 212-213.

Metrione L, Verstegen J, Heard D, LeBlance D, Walsh A, and **L Penfold**: Investigation of the gonadotropin releasing hormone agonist, deslorelin, as a contraceptive for variable flying foxes (Pteropus hypomelanus), Proceedings American Association of Zoo Veterinarians, American Association of Wildlife Veterinarians, and AZA Nutrition Advisory Group, 2007, P. 177.

Allender MC, Langan J, and **S Citino**: Investigation of aural bacterial and fungal flora following otitis in captive okapi (Okapia johnstoni), Veterinary Dermatology 19(2):95-100, 2008.

Metrione LC, Norton TM, Beetem D, and **LM Penfold**: Seasonal reproductive characteristics of female and male Jackson=s hartebeest (Alcelaphus buselaphus jacksoni), Theriogenology 70:871-879, 2008.

Myers DA, **Citino S**, and MA Mitchell: Electrocardiography of Grevy=s Zebra (Equus grevyi), JZWM 39(3):289-304, 2008.

VanderKlok CM, **Penfold LM**, **Siegal-Willot J**, and **SB Citino**: Idiopathic infertility in two captive male gerenuk (Litocranius walleri walleri), JZWM 39(3):398-405, 2008.

Fiorello CV, **Beagley J**, and **SB Citino**: Antibiotic intravenous regional perfusion for Successful resolution of distal limb infections: Two cases, JZWM 39(3):438-444, 2008.

Citino SB: Use of medetomidine in chemical restraint protocols for captive African rhinoceroses, Proceedings American Association of Zoo Veterinarians and Association of Reptilian and Amphibian Veterinarians, 2008, Pp. 108-109.

Beagley JC, **Fiorello CV**, and **SB Citino**: Use of antibiotic intravenous regional perfusion for distal limb infections, Proceedings American Association of Zoo Veterinarians and Association of Reptilian and Amphibian Veterinarians, 2008, Pp. 165-166.

Hammond EE, Bush M, **Citino SB**, Barbiere R, McAloose D, Songsasen N, and M Rodden: Maned wolf (Chrysocyon brachyurus) species survival plan medical update, Proceedings American Association of Zoo Veterinarians and Association of Reptilian and Amphibian Veterinarians, 2008, Pp. 192-193.

Atkins A, Wellehan JFX, Childress AL, Archer LL, Fraser WA, and **SB Citino**: Astroviral diarrhea in a group of captive cheetah (*Acinonyx jubatus*): Description of a novel viral pathogen, Proceedings American Association of Zoo Veterinarians and Association of Reptilian and Amphibian Veterinarians, 2008, P. 205.

Marrow J, Oliva M, and L Penfold: Investigating cryopreservation techniques for okapi (Okapia johnstoni) sperm, Proceedings American Association of Zoo Veterinarians and Association of Reptilian and Amphibian Veterinarians, 2008, P. 223.

Christensen BW, Troedsson MHT, Young LJ, **Oliva M**, and **LM Penfold**: Effects of sociosexual environment on serum testosterone in captive male African rhinoceros, Theriogenology 71:1105-1111, 2009.

Atkins A, Wellehan JFX, Childress AL, Archer LL, Fraser WA, and **SB Citino**: Characterization of an outbreak of astroviral diarrhea in a group of cheetahs (Acinonyx jubatus), Veterinary Microbiology 136(1-2):160-165, 2009.

Siegal-Willott J, Citino SB, Wade S, Elder L, Hayek LC, and WR Lance: Butorphanol, azaperone, and medetomidine anesthesia in free-ranging white-tailed deer (Odocoileus virginianus) using radiotransmitter darts, J. Wildl. Dis. 45(2):468-480, 2009.

Adkesson MJ, **Citino SB**, Dennis PM, Fiorello CV, Lafortune M, and RA Bennett: Medical and surgical management of otitis in captive Bongo (Tragelaphus eurycerus), JZWM 40(2):332-342, 2009.

Terrell KA, DE Wildt, NM Anthony, BD Bavister, SP Leibo, **LM Penfold**, LL Marker, AE Crosier. 2009. Sperm metabolic function is compromised in the teratospermic domestic cat (*Felis catus*) and cheetah (*Acinonyx jubatus*). Abstract SSR Annual meeting.

Katherine E. M. Hendricks, Donald Evenson, Peter J. Hansen, Regina Wixon, Mike Kaproth and **Linda M. Penfold**. (2009) Impact of airport radiation on bovine sperm DNA integrity, fertilizing ability and embryo development. Proceedings of the International Embryo Transfer Society, San Diego, CA.

Evans A, **Atkins A**, and **SB Citino**: Tracheal Stenosis in a blue-billed curassow (Crax alberti), JZWM 40(2):373-377, 2009.

- Estrada AH, Gerlach TJ, Schmidt MK, Siegal-Willot JL, Atkins AL, Van Gilder J, **Citino SB**, and LR Padilla: Cardiac evaluation of clinically healthy captive maned wolves (Chrysocyon brachyurus), JZWM 40(3):478-486, 2009.
- Cunningham MW, **Zeigler-Meeks K**, **Citino SB**, Land ED, and **L Penfold**: Rehabilitation and release of injured and orphaned Florida panthers (*Puma concolor coryi*) as a management tool for population recovery, Proceedings of the American Association of Zoo Veterinarians, 2009, Pp 86-88.
- Gilardi K, **Citino S**, Norton T, Hilsenroth R, Hunter D, Lukus J, Osofsky S, and V Beasley: Training >One Health= Professionals: Envirovet Summer Institute, Proceedings of the American Association of Zoo Veterinarians, American Association of Wildlife Veterinarians, and Nutrition Advisory Group, 2009, Pp. 9-14.
- Evans AL, Carter RT, Marlar A, and SB Citino: Determination of the approximate size of Intraocular lens for cataract surgery in the Grevy=s zebra, Proceedings of the American Association of Zoo Veterinarians, American Association of Wildlife Veterinarians, and Nutrition Advisory Group, 2009, P. 43.
- Borkoski R, Citino S, Bush M, Wolleman P, and B Irvine: Surgical Castration of subadult giraffe (Giraffa camelopardalis), JZWM 40(4):786-790, 2009.
- Carlson-Bremer D, Norton TM, Gilardi KV, Dierenfeld ES, Winn B, Sanders FJ, Cray C, **Oliva M**, Chen TC, Gibbs SE, Sepulveda MS, and CK Johnson: Health assessment of American Oystercatchers (Haematopus palliatus palliatus) in Georgia and South Carolina, J. Wildl. Dis. 46(3):772-780, 2010.
- Beagley JC, Lowder MQ, Langan JN, and **SB Citino**: Dental conditions of captive black rhinoceros (Diceros bicornis), Proceedings of the American Association of Zoo Veterinarians and the Association of Reptile and Amphibian Veterinarians, 2010, P. 138.
- Witte CL, Lamberski N, Hungerford LL, Fields V, **Shields Teare C**, and BA Rideout: Epidemiology of feline herpes virus (FHV) infection in a population of captive South African cheetahs (*Acinonyx jubatus*), Proceedings of the American Association of Zoo Veterinarians and the Association of Reptile and Amphibian Veterinarians, 2010, P. 179.
- Fleming GJ, **Citino SB**, Hofmeyr, M, Bush M, and JP Raath: Reversible chemical restraint of the Nile hippopotomus (*Hippopotamus amphibious*), Proceedings of the American Association of Zoo Veterinarians and the Association of Reptile and Amphibian Veterinarians, 2010, P. 205.

- Citino SB** and **JA Lukas**: Carfentanil-xylazine anesthesia in the Okapi (Okapia johnstoni): 20+ years of experience, Proceedings of the American Association of Zoo Veterinarians and the Association of Reptile and Amphibian Veterinarians, 2010, P. 206.
- Miller PS and **SB Citino**: Facilitating recovery of threatened and endangered species. In: Ecosystem Health and Sustainable Agriculture: Ecology and Animal Health, (eds.) Norrgren L and JM Levenson, The Baltic University Programme, Uppsala University, Sweden, Pp. 29-38, 2011.
- Schmidt DA, Barbiere RB, Ellersieck MR, Ball RL, Koutsos EA, Griffin ME, Grobler D, **Citino SB**, and M Bush: Serum chemistry comparisons between captive and free-ranging giraffes (Giraffa camelopardalis), JZWM 42(1):33-39, 2011.
- Penfold, LM**: An overview of the assisted reproduction and genome banking activities of White Oak Conservation Center, Yulee, FL, in the service of species conservation, Int. Zoo. Yb. 45:154-159, 2011.
- Metrione, LC** and JD Harder: Fecal corticosterone concentrations and reproductive success in captive female southern white rhinoceros, General and Comparative Endocrinology 171:283-292, 2011.
- Quesada R, Citino SB**, Easley JT, Hall N, Brokken MT, and MP Brown: Surgical resolution of an avulsion fracture of the peroneus tertius origin in a giraffe (Giraffa camelopardalis reticulata), JZWM 42(2):348-350, 2011.
- Bush M, **Citino SB**, and WR Lance: The use of butorphanol in anesthesia protocols for zoo and wild mammals. In: Miller RE and M Fowler (eds), Zoo and Wild Animal Medicine: Current Therapy, Vol. 7, Elsevier Saunders, St. Louis, Missouri, Pp. 596-603, 2012.
- Penfold LM** and J O'Brien: Importation of nondomestic ruminant semen for management of zoological populations using artificial insemination. In: Miller RE and M Fowler (eds), Zoo and Wild Animal Medicine: Current Therapy Vol. 7, Elsevier Saunders, St. Louis, Missouri, Pp. 604-611, 2012.
- Govoni KE, Goodman D, Maclure RM, **Penfold LM**, and SA Zinn: Serum concentrations of insulin-like growth factor-1 and insulin-like growth factor binding protein-2 and -3 in eight hoofstock species, Zoo Biology 30:275-284, 2011.
- Cray C, Stanton J, Rodriguez M, Dickey M, Rodriguez M, Herron A, Bossart G, Leppart L, **Citino S, Oliva M**, and K Arheart: Application of acute phase protein assays In wildlife medicine, Proceedings of the American Association of Zoo Veterinarians, 2011, Pp. 1-3.

Western Romig B, Lowder MQ, and **SB Citino**: A survey of dental disease in captive black rhinoceroses (Diceros bicornis), Proceedings of the American Association of Zoo Veterinarians, 2011, Pp. 10-12.

Aitken-Palmer C and **S Citino**: Cardiopulmonary disease in okapi (Okapia johnstoni), Proceedings of the American Association of Zoo Veterinarians, 2011, P. 84.

SA Barnes, AM. Cepeda, **LM Penfold** (2011). Effects of radiographic contrast media on domestic cat epididymal sperm. Theriogenology, 75: 329-336.

Sadler R, **Hall NH**, Kass PH, and **S Citino**: Evaluation of non-invasive blood pressure measurement techniques via the coccygeal artery in anesthetized cheetahs (Acinonyx jubatus), Proceedings of the American Association of Zoo Veterinarians, 2012, P. 45.

Citino SB and JF Zuba: Analgesia for the “Big-uns,” elephants, rhinos, giraffes, and hippos, Proceedings of the American Association of Zoo Veterinarians, 2012, Pp. 105-106.

Citino S, Bryant B, Duncan M, Fleming G, Hofmeyr M, Miller E, Miller M, Mylniczenko N, Paglia D, and R Radcliffe: IOD in rhinos – Veterinary Group Report: Report from the clinical medicine and pathology working group of the International Workshop on Iron Overload Disorder in Browsing Rhinoceros (February 2011). JZWM 43(3): S105-S107, 2012.

Witte, CL, Lamberski, N, Rideout, BA, Fields, V, **Shields Teare, C**, Barrie, M, Haeefele, H, Junge, R, Murray S, and L Hungerford: Development of a case definition for clinical feline herpesvirus infection in cheetah (Acinonyx jubatus) housed in zoos, J. Zoo Wildl. Med. 44(3):634-644, 2013.

Brower, AI, Munson, L, Radcliffe, RW, **Citino, SB**, Lackey, LB, Van Winkle, TJ, Stalis, I, Terio, KA, Summers, BA, and A de Lahunta: Leukoencephalopathy of mature captive cheetahs and other large felids: A novel neurodegenerative disease that came and went, Vet Path, October 15, 2013, Online prepublication.

Sadler, RA, Hall, NH, Kass, PH, and **SB Citino**: Comparison of noninvasive blood pressure measurement techniques via the coccygeal artery in anesthetized cheetahs (Acinonyx jubatus), J. Zoo Wildl. Med. 44(4):928-935, 2013.

Citino, SB and M Bush: Giraffidae. In: West G, Heard D, and N Caulkett (eds.), Zoo Animal and Wildlife Immobilization and Anesthesia, 2nd Edition, Wiley Blackwell Publishing, Ames, Iowa, 2014, Pp. 809-821.

Miller, M, Fleming, GJ, **Citino, SB**, and M Hofmeyr: Hippopotamidae. In: West G,

Heard D, and N Caulkett (eds.), Zoo Animal and Wildlife Immobilization and Anesthesia, 2nd Edition, Wiley Blackwell Publishing, Ames, Iowa, 2014, Pp. 787-795.

Warren, JD, Aitken-Palmer, C, and **SB Citino**: Critical Care for a hypothermic and hypoglycemic white rhinoceros (Ceratotherium simum simum) calf, J. Zoo Wildl. Med. 45(3):650-653, 2014.

Kottwitz, J, Boothe, M, Harmon, R, **Citino SB**, Zuba J, and D Boothe: Results of the 2012-2013 megavertebrate analgesia survey: Elephants and Rhinoceros, Proceedings of the American Association of Zoo Veterinarians, 2014, P. 75.

Emerson, JA, Oliva, ML, and **SB Citino**: Evaluation of a novel technique as an Indicator of immunoglobulin passive transfer in six species of non-domestic ruminant, Proceedings of the American Association of Zoo Veterinarians, 2014, P. 127.

Boothe, M, Kottwitz, J, Harmon, R, **Citino, SB**, Zuba J, and D Boothe: Results of the 2012-2013 megavertebrate analgesia survey: Hippopotamus and giraffe, Proceedings of the American Association of Zoo Veterinarians, 2014, P. 175.