

Scientific Publication

- **Textbook Chapters**

Diaz-Figueroa O and Mitchell MA. Gastrointestinal Anatomy and Physiology. *In: Reptile Medicine and Surgery*, Mader DR (ed.). Saunders, Philadelphia, 145-162, 2006.

Mitchell MA and **Diaz-Figueroa O**. Clinical Reptile Gastroenterology, *In: Ritzman TK (eds.), The Veterinary Clinics of North America Exotic Animal Practice-Gastroenterology*, Philadelphia, WB Saunders Company, 277-298, 2005.

Mitchell MA and **Diaz-Figueroa O**. Wound Management in Reptiles, *In: Wilson H (eds.), The Veterinary Clinics of North America Exotic Animal Practice-Wound Management*, Philadelphia, WB Saunders Company, 123-140, 2003.

- **Refereed**

Diaz-Figueroa O, Tully TN, Williams J, Evans D. Squamous Cell Carcinoma of the Infraorbital Sinus with Fungal Tracheitis and Inguvitis in an Adult Solomon Eclectus parrot (*Eclectus roratus solomonensis*) *J Avian Med Surg* 20(2):113-119, 2006.

Diaz-Figueroa O, Garner MM, Tully TN. What's Your Diagnosis? *J Avian Med Surg* 19(4):313-315, 2005.

Diaz-Figueroa O, Mitchell MA, Robert D, Kim DY. Diagnostic Challenge. *Seminars in Avian and Exotic Pet Medicine*, 14(1):65-70, 2005.

Diaz-Figueroa O, Tully TN. Pain in a Bird's Foot. *NAVC clinician's brief*: 33-35, December, 2004.

Diaz-Figueroa O, Garner MM, Tully TN. What's Your Diagnosis? *J Avian Med Surg* 18(1):51-53, 2004.

Diaz-Figueroa O, Mitchell MA. What's Your Diagnosis? *J Avian Med Surg* 17(4):239-241, 2003

Diaz-Figueroa O. Hibernation and Its Importance to the Box Turtle, *Of Fur and Feather* – Ohio Wildlife Center Bulletin. Vol.4: Issue 3, Nov/Dec 2001.

- **Scientific Abstracts**

Mitchell MA, **Diaz-Figueroa O**, Bernstein J, Walden M, Wickes B, Thompson EH, Sutton DA, Klarsfeld J. *Chrysosporium* ANAMORPH OF *Nannizziopsis vriesii* Dermatitis in a Bearded Dragon (*Pogona vitticeps*). Proc Association of Reptile and Amphibian Veterinarian, Baltimore, Maryland, April 2006.

Diaz-Figueroa O, Patterson KG, Mitchell MA, Lomax LG, David A, Zachariah T. Metastatic fibrosarcoma in a bearded dragon (*Pogona vitticeps*). Proc Association of Reptilian and Amphibian Veterinarian, Tucson, Arizona, May 2005.

Diaz-Figueroa O, Nevarez J, Mitchell MA, Paulsen D, Zachariah T. Cholangiosarcoma in a Indonesian white tree frog (*Litoria caerulea*). Proc Association of Reptilian and Amphibian Veterinarian, Tucson, Arizona, May 2005.

Diaz-Figueroa O, Toomey J, Mitchell MA, Robert D, Kim DY, Klarsfeld J. Peripheral nerve sheath in the coelomic cavity of a savannah monitor (*Varanus exanthematicus*). Proc Association of Reptilian and Amphibian Veterinarian. Naples, Florida. May 8-11, 2004:135-137.

Diaz-Figueroa O, Mitchell MA, Kim DY, Riggs S. Oral Myxoma in a South American Horned Frog (*Ceratophrys ornata*). Proc Association of Reptilian and Amphibian Veterinarian. Naples, Florida. May 8-11, 2004:160-161.

Singleton B, Mitchell MA, Riggs S, **Diaz-Figueroa O**. Evaluating oregano as a coccidiocide in the inland bearded dragon (*Pogona vitticeps*). Proc Association of Reptilian and Amphibian Veterinarian. Minneapolis, MN. Oct 4-9, 2003:53-54.

Riggs S, Mitchell MA, **Diaz-Figueroa O**, Singleton B, Hale L, Hall D. Evaluating the clinical effects of clove oil and propofol on tiger salamanders (*Ambystoma tigrinum*). Proc Association of Reptilian and Amphibian Veterinarian. Minneapolis, MN. Oct 4-9, 2003:72.

Diaz-Figueroa O, Mitchell MA, Maxit I, Riggs S, Kinney S. Establishing a health surveillance program for the Louisiana gopher tortoise (*Gopherus polyphemus*). Proc Association of Reptilian and Amphibian Veterinarian. Minneapolis, MN. Oct 4-9, 2003:78-79.

Mitchell MA, Nehlig R, Holley MC, **Diaz-Figueroa O**, Riggs, S. Evaluating the efficacy of Baquacil against Salmonella in the aquatic habitat of the red-eared slider (*Trachemys scripta*). Proc Association of Reptilian and Amphibian Veterinarian. Minneapolis, MN. Oct 4-9, 2003:109.

Tully TN, Nevarez J, **Diaz-Figueroa O**, Mitchell MA, Rich G, Allison A, Ritchie B. Determining the seroprevalence of West Nile virus in an exposed psittacine population. Proc Association of Avian Veterinarians. Pittsburgh, Pennsylvania. August 26-28, 2003.

Salb A, Mitchell MA, Riggs S, **Diaz-Figueroa, O**. Characterization of the aerobic and anaerobic intestinal flora of the green iguana (*Iguana iguana*). Proc Association of Reptilian and Amphibian Veterinarian. Reno, NV. Oct 9-12, 2002:73-74.

Mitchell MA, Kent H, Riggs S, **Diaz-Figueroa O**. Flaviviruses and the reptile. Proc Association of Reptilian and Amphibian Veterinarian. Reno, NV. Oct 9-12, 2002:149-150.

- **Continuing Education Abstracts**

Diaz-Figueroa O. Restraint and Physical Exam on Exotic Animals. 72nd Annual Conference for Veterinarians, Veterinary Technicians, and Support Personnel (LSU-SVM). Baton Rouge, LA, Sept 13-14, 2003

Diaz-Figueroa O. Husbandry and Nutrition on Exotic Animals. 72nd Annual Conference for Veterinarians, Veterinary Technicians, and Support Personnel (LSU-SVM). Baton Rouge, LA, Sept 13-14, 2003

- **Miscellaneous – Articles in Non-Refereed Journals**

Diaz-Figueroa O, Mitchell MA, Maxit I. Louisiana Gopher Tortoise Health Surveillance Study. LADWF Natural Heritage Technical Report, final report, June, 2003.

Diaz-Figueroa O, Mitchell MA, Maxit I. Louisiana Gopher Tortoise Health Surveillance Study. LADWF Natural Heritage Technical Report, progress report, December, 2002.

- **Scientific Posters**

Salb A, Mitchell MA, Riggs S, **Diaz-Figueroa, O**. Characterization of the aerobic and anaerobic intestinal flora of the green iguana (*Iguana iguana*). Louisiana State University, Phi Zeta Research Day, September 23, 2003.

Publications – submitted or accepted, but not yet published

- **Textbook Chapters**

Diaz-Figueroa O, Mary O. Smith. Neurology in Ferrets *The Veterinary Clinics of North America Exotic Animal Practice-Neurology*, Philadelphia, WB Saunders Company, (Submission – Pending, 2007).

- **Refereed**

Harris MC, **Diaz-Figueroa O**, Lauer SK, Burkert B, Tully TN. Complications Associated with Conjoined Intramedullary Pin Placement for Femorotibial Joint Luxation in a Solomon Island Eclectus Parrot (*Eclectus roratus solomonensis*) (Accepted - J Avian Med Surg 2006).

Teaching experience

Diaz-Figueroa O. Update – Diagnosing, Treating, and Preventing *Chlamydophila psittaci*. 2hrs. contact time in VMED 5265 Year II Course, Fall 2003 and 2004.

Diaz-Figueroa O. Avian Bacterial and Mycotic Disease. 4hrs. contact time in VMED 5265 Year II Course, Spring 2002, Fall 2003-2004.

Diaz-Figueroa O. Companion Avian Parasite. 1hr. contact time in VMED 5265 Year II Course, Spring 2002, Fall 2003-2004.

Diaz-Figueroa O. Introduction to Amphibian Medicine. 1hr. contact time in VMED 5265 Year II Course, Spring 2002, Fall 2003-2004.

Diaz-Figueroa O. Exotic Animal Medicine Rounds. Interactive case studies with 1st thru 3rd year veterinary students. LSU School of Veterinary Medicine. Baton Rouge, LA. Weekly, 2002-2003.

Diaz-Figueroa O. Venipuncture Techniques and Hematologic Evaluation in Reptile Patient. Lecture and Wet-lab for Veterinary Students. LSU School of Veterinary Medicine. Baton Rouge, LA October 2002.

Diaz-Figueroa O. Avian and Reptile Diagnostics and Surgery. Lecture and Wet-lab for Veterinary Students. LSU-SVM Spring 2003-2004.

Lectures and Presentations

Diaz-Figueroa O. What's Your Diagnosis – Exotic Animal Potpourri. Affiliated Veterinary Specialists (CE). April 2006.

Diaz-Figueroa O. Malocclusion in Rabbits. Orlando Rabbit Society. November 2005.

Diaz-Figueroa O. A Review of Clinical Presentation in Reptilian Medicine. Wildlife, Avian, Zoo, and Exotic Animal Medicine Club. LSU-SVM. October 2004.

Diaz-Figueroa O. Oral Myxoma in a South American Horned Frog (*Ceratophrys ornata*). House Officers Rounds, Spring 2004.

Diaz-Figueroa O, Mitchell MA, Maxit I, Riggs S, Kinney S. Establishing a health surveillance program for the Louisiana gopher tortoise (*Gopherus polyphemus*). Conference of the Association of Reptilian and Amphibian Veterinarian. Minneapolis, MN. Oct 4-9.

Diaz-Figueroa O. Restraint and Physical Exam on Exotic Animals. 72nd Annual Conference for Veterinarians, Veterinary Technicians, and Support Personnel (LSU-SVM). Baton Rouge, LA, Sept 13-14, 2003.

Diaz-Figueroa O. Husbandry and Nutrition on Exotic Animals. 72nd Annual Conference for Veterinarians, Veterinary Technicians, and Support Personnel (LSU-SVM). Baton Rouge, LA, Sept 13-14, 2003

Diaz-Figueroa O. Establishing a Health Surveillance for the Louisiana Gopher Tortoise (*Gopherus polyphemus*). Seminar, Fall 2003. (Master's Research Project – Final Results).

Diaz-Figueroa O. Squamous Cell Carcinoma and Zygomycosis in a 5-year- old Solomon Eclectus Parrot. House Officers Rounds, Spring 2003.

Diaz-Figueroa O. Common Emergency Presentations for Rabbits and Ferrets. Emergency and Critical Care Club. LSU-SVM. Fall 2002.

Diaz-Figueroa O. Mycotic Pneumonia in a Gopher Tortoise (*Gopherus polyphemus*). House Officers Rounds, Fall 2002.

Current Projects and Professional interest

- **Avian Medicine**

Validating a 21-day doxycycline and azithromycin treatments for *Chlamydia psittaci* in companion avian species.

Avian orthopedics and endoscopy

- **Reptile Medicine**

Master's thesis research – Establishing a Health Surveillance Program for the Gopher Tortoise (*Gopherus polyphemus*) from Louisiana.
(Thesis defense – Spring 2005/completed)

Evaluating stress response on reptiles during transport/shipment

Grants and Contracts

Mitchell MA, **Diaz-Figueroa O**. Establishing a health surveillance program for the Louisiana gopher tortoises. US Fish and Wildlife Services: Section 6. \$18,409. (May 2002 – December 2004).