

**MICHAEL SCOTT ECHOLS, DVM
DIPLOMATE ABVP- AVIAN PRACTICE**

**Scarlet Imaging, LLC
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**The Medical Center for Birds
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Oakley, California 94561
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Spotdvm@aol.com

EDUCATION

Texas A&M University; College Station, Texas
B.S. Veterinary Science- Summa Cum Laude, 1993
-Attended September 1989 to June 1991

Texas A&M University; College of Veterinary Medicine
Doctor of Veterinary Medicine- Magna Cum Laude, 1995
-Attended September 1991 to June 1995

The Medical Center For Birds; Oakley, California
ABVP Residency- Diplomate Avian Practice, 1999
- Attended November 1997 to December 1999

**WORK
EXPERIENCE**

Associate Veterinarian
Oakley Veterinary Medical Center; Oakley, California
-June 1995 to November 1997

ABVP- Avian Practice Resident
The Medical Center for Birds; Oakley, California
-November 1997 to December 1999

Director of Avian Medical and Surgical Services
Westgate Pet and Bird Hospital; Austin, Texas
-February 2000 to August 2008

Founder of Echols Veterinary Services, PLLC
Providing veterinary relief, visiting professor,
writing and lecturing services.

Based in Salt Lake City, Utah
-January, 2009 to present

Co-founder of Avian Mobile Surgical Services

Providing phone and email consultation and traveling bird surgery services.

Medical Center for Birds; Oakley, California
-January 2009 to present

Founder of Avian Studios, LLC

Providing digital video production (scripting, filming, editing, producing) services to create educational media.

Based in Salt Lake City, Utah
www.AvianStudios.com
-November 2009 to present

Founder, CEO and President of Scarlet Imaging, LLC

Company creates innovative products to improve radiological based imaging such as the intravascular contrast agent BriteVu®.

Based in Salt Lake City, Utah
www.scarletimaging.com
-October 2014 to present

Active State Veterinary Medical Licenses:

-California
-Texas
-Utah

PROFESSIONAL PUBLICATIONS

Echols MS, Speer BL: A comprehensive plan for managing flock reproductive performance. *In* Fudge, AM (ed) *Seminars in Avian and Exotic Pet Medicine* 1996;5 (4): 205-213.

Echols MS, Speer BL: Management of avian flock emergencies. *In* Rupley AE (ed) *The Veterinary Clinics of North America Exotic Animal Practice*. WB Saunders, Philadelphia 1998;1(1):59-75.

Echols MS: Collecting diagnostics samples in avian patients. *In* Reavill D (ed) *The Veterinary Clinics of North America Exotic Animal Practice*. WB Saunders, Philadelphia 1999;2(3):621-649.

Echols MS, Craig TM, Speer BL: Heartworm (*Paronchocerca ciconarum*) infection in two saddle-billed storks (*Ephippiorhynchus senegalensis*). *Journal of Avian Medicine and Surgery*. 2000;14(1):42-47.

Echols MS: Surgery of the avian reproductive tract. *Seminars in Avian and Exotic Pet Med*. 2002;11(4):177-195.

Echols S: Collecting diagnostic samples in avian patients. *Veterinary Clinics of North America Exotic Animal Practice Avian Pet Medicine*. Elsevier Saunders, Philadelphia, PA, 2005:51-74.

Echols MS: Evaluating and treating the kidneys. In: Harrison GJ, Lightfoot TL (eds). *Clinical Avian Medicine Volume II*. Spix Publishing, Inc, Palm Beach, Fl, 2006:451-491.

Echols MS (Guest Editor): Renal disease. *Veterinary Clinics of North America Exotic Animal Practice*. 2006:9(1).

Echols MS: The Avian Video Series- Volumes I-III (Blood collection, Necropsy and cytology and Basic non-surgical procedures). Teton NewMedia, Jackson, WY, 2006.

Echols MS. Captive Foraging. DVD. Zoological Education Network, Lake Worth, Fl, 2006.

Echols MS. Collecting diagnostic samples in avian patients. *West Indian Veterinary Journal*. 2006;6(2):20-29.

Chavez W, Echols MS. Bandaging, endoscopy, and surgery in the emergency avian patient. *Veterinary Clinics of North America Exotic Animal Practice Emergency and Critical Care*. Elsevier Saunders, Philadelphia, PA, 2007:419-436.

Echols MS, Speer BL. Expert Companion Bird Care Series: Volume I. DVD. Avian Studios, Austin, Texas, 2010.

Echols MS, Speer BL. Expert Companion Bird Care Series: Volume II. DVD. Avian Studios, Austin, Texas, 2011.

Echols MS, Orosz S, et al. Lafeber's Nutritional Care Systems Video Series. Avian Studios, Austin, Texas 2011.

Echols MS, Speer BL. Expert Companion Bird Care Series: Volume III. DVD. Avian Studios, Austin, Texas, 2011.

Echols MS, Orosz SE, Antinoff A, et al. Lafeber's Nutritional Care Systems educational digital video series. Avian Studios, Salt Lake City, Utah, 2011-present.

Echols MS, Pollock C, Rivera S, et al. Lafeber in the Field promotional videos for Lafeber Company. Avian Studios, Salt Lake City, Utah, 2012-present.

Echols MS, Speer BL, Soga R, Fukushi H. Expert Companion Bird Care Series: Volume I- Japanese Translated. DVD. Avian Studios, Salt Lake City, Utah, 2013.

Echols MS. Soft tissue surgery. In: Greenacre C, Morishita T (eds). Backyard Poultry Medicine and Surgery: A Guide for Veterinary Practitioners. Wiley. 2015.

Echols MS. Anseriforme husbandry and management. In: Greenacre C, Morishita T (eds). Backyard Poultry Medicine and Surgery: A Guide for Veterinary Practitioners. Wiley. 2015.

Echols MS. Navigating the Nutraceutical Industry: A Guide to Help Veterinarians Make Informed Clinical Decisions. Avian Current Veterinary Therapy. Saunders. 2016.

Rubin JA, Runge JJ, Echols MS, et al. Surgery. Avian Current Veterinary Therapy. Saunders. 2016.

Gignac PM, Kley NJ, Clarke JA, Echols MS, et al. Diffusible iodine-based contrast-enhanced computed tomography (dice-CT): an emerging tool for rapid, high resolution, 3-D imaging of metazoan soft tissues. J of Anatomy. 2016;228(6):889–909.

Folland DW, Echols MS, Wallace M. Elbow arthrodesis in a bald eagle (*Haliaeetus leucocephalus*). J Exotic Pet Med. 2016;25:203-207.

Cost IN, Middleton KM, Witmer LM, Echols MS, Holliday CM. Comparative anatomy and biomechanics of the feeding apparatus of parrots (Aves: Psittaciformes). Poster presentation. Experimental Biology. April, 2017

Echols MS. Basic Surgery. In: Chitty J, Monks D (eds) BSAVA Manual of Avian Practice: A Foundation Manual. BSAVA. 2018.

Lawson AB, Echols MS, Schachner ER. Anatomy of the respiratory system of the African grey parrot (*Psittacus erithacus*). Poster. Experimental Biology. April 24, 2018.

Wainman B, Echols S, Rockarts J, Palombella A. A novel contrast media whole cadaver perfusion protocol. Experimental Biology. April 23, 2018.

Orosz SE, Redig P, Echols MS. Avian Orthopedics: Anatomical Principles and Surgical Applications. Teton New Media. In writing. Expected release date 2019.

Samples OM, Echols MS. Laboratory Manual for Clinical Veterinary Technology. Teton New Media. In writing. Expected release date 2019.

Echols MS, Nielsen MT. Anatomy of the Grey Parrot. Wiley. In writing. Expected release date 2020.

RESEARCH

Echols MS, Nielsen M, Hsu E, et al. Anatomy of the grey parrot (*Psittacus erithacus erithacus*). Departments of Bioengineering, Anatomy, Biology and Scientific Computing and Imaging Institute, University of Utah, Salt Lake City, Utah. 2012 to present.

Echols MS, Hsu E. Radiograph density detection device. Department of Bioengineering, University of Utah, Salt Lake City, Utah. 2012 to present.

OTHER PUBLICATIONS

Echols MS: Two Collared Aracaris. Cover Art, *Journal of Avian Medicine and Surgery*. 2001;15(3):Cover.

Echols MS: Archaeopteryx. Cover Art, *Journal of Avian Medicine and Surgery*. 2007; 21(2):Cover.

PROFESSIONAL ORGANIZATIONS

American Veterinary Medical Association

Association of Avian Veterinarians

American Association of Zoo Veterinarians

American Board of Veterinary Practitioners

Association of Exotic Mammal Veterinarians

European Association of Avian Veterinarians

International Ornithologists' Union

PROFESSIONAL ACTIVITIES

Association of Avian Veterinarians Proceedings
Editorial Board 1998- present

Association of Avian Veterinarians Director on the Board of Directors 2003 to 2009

President of the Association of Avian Veterinarians 2007-2008

Editorial reviewer for the *Journal of Avian Medicine and Surgery*
2000 to present

Reviewer for American Board of Veterinary Practitioners Diplomate
applications 2002-2012.

American Board of Veterinary Practitioners Exam Committee 2003
to present

International lecturer on numerous topics in avian medicine and
surgery

Avian Session Chair for the North American Veterinary Conference
2008-2016

Exotics Chair for the North American Veterinary Conference 2017-
2022

Adjunct Professor Texas A&M College of Veterinary Medicine
2002 to present

Various radio and TV appearances covering avian topics

Visiting professor at multiple veterinary universities in the US and
abroad 2002 to present

Legal expert witness for avian medical and surgical cases 2009 to
present

PhD candidate advisor University of Utah 2015 to present

AWARDS

Recipient of the TJ Lafeber Avian Practitioner of the Year Award,
2005

Recipient of the Texas Veterinary Medical Association 2007 Non-
Traditional Species Practitioner of the Year Award

Wellcome Images Award 2017 Finalist

Texas A&M 2018 Distinguished Alumnus Award

INTERESTS

Playing guitar, artwork and just about any outdoor activity.