

**ACVR Residency Training Program Application Form:**

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| <b>Purdue University</b> |
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This document is to act as a guide for institutions desiring ACVR accreditation of their residency training program. It should be used in concert with the requirements set out in the ACVR Essentials of Residency Training document and it follows the headings of that document. It is intended to streamline the application process and help define what information the RSEC needs to evaluate the program. All terms used in this application have same definitions as defined in the Essentials.

**II. Objectives:**

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| <ol style="list-style-type: none"><li>1. to train the resident in basics of radiobiology, radiation physics, radiation protection, radiation dosimetry and radiation safety.</li><li>2. to help the resident in developing clinical skills in diagnostic imaging which include: diagnostic radiology, ultrasound, computed tomography, magnetic resonance imaging and nuclear scintigraphy.</li><li>3. to train the resident in scientific research and literature evaluation</li><li>4. to provide opportunities for teaching and scientific presentations</li></ol> <p>to prepare the resident for certification examination by the American College of Veterinary Radiology</p> |
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**III. Training period:**

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| What is the total length of the training program in months?<br><b>36 months</b>   |
| If this is a 4 year program, during what year will the resident be eligible to take the ACVR Preliminary Exam? If the resident is not eligible to take the exam during the beginning of the 3 <sup>rd</sup> year (September), please state the reason.<br><b>NA</b> |
| What is the total duration of supervised clinical training in the program?<br><b>30 months</b>  |
| What are the responsibilities of the resident in the remaining non-clinical portion of the program?<br><b>Resident research project</b>   |

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| <p><b>Preparation for ACVR Certification Examination</b></p> <p><b>Vacation</b></p> |
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**IV. Direction and Supervision:**

**Program Director:**

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| <p>Who is the Director of Residency training?</p> <p><b>Jacob J. Rohleder DVM, MS, DACVR</b></p>                               |
| <p>What percentage of this individual's time is committed to clinical service and teaching of residents?</p> <p><b>60%</b></p> |

**Faculty:**

Please list the faculty member of the program accepting PRIMARY responsibility for training in each of the following core areas:

Roentgen diagnosis:

|                                  |
|----------------------------------|
| Faculty: Debra K. Baird          |
| Percentage clinical service: 50% |

Diagnostic ultrasound:

|                                  |
|----------------------------------|
| Faculty: James Naughton          |
| Percentage clinical service: 70% |

Computed Tomography

|                              |
|------------------------------|
| Faculty: Jacob Rohleder      |
| Percentage clinical service: |

Magnetic Resonance Imaging: 60%

|                                  |
|----------------------------------|
| Faculty: William Widmer          |
| Percentage clinical service: 20% |

Nuclear Medicine:

|                                  |
|----------------------------------|
| Faculty: Hock Gan Heng           |
| Percentage clinical service: 70% |

List the names and percentage clinical commitment of additional imaging faculty in the program, and their area(s) of instructional responsibility. For each imaging faculty in the program please provide a one page CV documenting their expertise in the area(s) of assigned responsibility.

For each of the specialty colleges listed below please list at least two Diplomates of these colleges who can be expected to regularly interact with radiology residents:

|                            |
|----------------------------|
| ACVIM                      |
| <b>Lynn Guptill</b>        |
| <b>Wallace B. Morrison</b> |

|                                    |
|------------------------------------|
| <b>Michel Levy,</b>                |
| <b>J Catharine Scott-Moncrieff</b> |

ACVS

|                        |
|------------------------|
| <b>Gert Breur</b>      |
| <b>Lynetta Freeman</b> |

ACVP

|                       |
|-----------------------|
| <b>Rose Raskin</b>    |
| <b>Evelyn Kazacos</b> |

#### V. Affiliation agreement:

If all of the training will not be accomplished on-site, please attach a copy of the affiliations agreement(s). Include the scope of the training and amount of time the resident will be away from the home institution.

#### VI. Facilities:

Briefly describe how the program meets the facility requirements.

##### **Radiographic equipment:**

##### **SA**

- 1. Quantum QS-550**
- 2. Innovet Select**
- 3. Huestis Medical R/F machine; INDICO 100.**
- 4. Eklin RapidStart PLUS DR system**
- 5. Vetel DR system**

##### **LA**

- 1. ZooMax Equine Radiographic System 80kW, 150kVp**
- 2. Poskom PXP 40HF portable X-ray tube**
- 3. MinRay XDT-F90 portable X-ray tube**
- 4. Eklin DR Unit.**

##### **Ultrasound equipment:**

- 1. Acuson Sequoia 512 Ultrasound System**
- 2. Philips iU22 Ultrasound System**

##### **Molecular Imaging equipment:**

- 1. MIE Equine Scanner H.R. - Scintron® VI**

##### **CT equipment:**

|   |
|---|
| <p><b>1. GE Hi-speed CT/i</b></p> <p><b>MRI equipment:</b></p> <p><b>1. Philips 1.5 T MRI- mobile trailer with fixed location</b></p> <p><b>2. Access to a 3.0T GE MRI at Purdue Research Park.</b></p> |
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**VII. Clinical resources:**

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| <p>Indicate the approximate number of patients seen annually by the home institution?<br/> <b>16500</b></p>  |
| <p>What is the annual imaging caseload?<br/> <b>10000 Image studies – Note abdominal radiographs are required before an abdominal ultrasound</b></p> |

Indicate the approximate breakdown of the patient population according to species.

|   |              |
|---|--------------|
| Small animals (canine, feline)          | <b>12500</b> |
| Large animals (equine and food animals) | <b>3800</b>  |
| Exotic animals                          | <b>200</b>   |

What is the approximate annual imaging caseload of the program in:

|                             |             |
|-----------------------------|-------------|
| Small Animal Radiology:     | <b>6500</b> |
| Large Animal Radiology:     | <b>1000</b> |
| Abdominal Ultrasound:       | <b>1710</b> |
| Computed Tomography:        | <b>500</b>  |
| Nuclear Medicine:           | <b>90</b>   |
| Magnetic Resonance Imaging: | <b>200</b>  |

|                  |
|------------------|
| Other (specify): |
|------------------|

**VIII. Training content:**

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| <p>What percentage of imaging reports are typically available within 48 hours after the examination is conducted in typewritten or electronic form?</p> <p><b>75%</b></p>   |
| <p>If your answer is less than 75% please explain how reports are generated and how long it takes for the report to be available for review in typewritten form.</p>  |
| <p>Of the preliminary reports generated from the imaging caseload what percentage are initially produced by the resident?</p> <p><b>Year one: 30%</b></p> <p><b>Year two: 50%</b></p> <p><b>Year three: 75%</b></p> |
| <p>What percentage of resident reports are reviewed by the imaging faculty prior to finalization of the report?</p> <p><b>100%</b></p>  |
| <p>When preliminary resident reports are reviewed and edited by the imaging faculty responsible for training, what percentage of the time are two or more faculty present?</p> <p><b>50%</b></p>                    |

**Please complete the table below**

|                         | Approximate number of cases in the 30 months clinical experience |
|-------------------------|--|
| Small Animal Radiology: | <b>8500</b>  |
| Large Animal Radiology: | <b>500</b>   |
| Abdominal Ultrasound:   | <b>850</b>   |
| Computed Tomography:    | <b>540</b>   |
| Nuclear Medicine:       | <b>100</b>   |

|  |              |
|--|--------------|
| Magnetic Resonance Imaging:  | <b>125</b>   |
| Elective (any of above)  |              |
| Required elective (specify):<br>Large animal ultrasound and echocardiography | <b>100</b>   |
| <b>Total</b>   | <b>10715</b> |

Please indicate the course number and unit assignment residents are required to take to meet the educational objectives for formal instruction as outlined in the Essentials in the following:

| <b>Topic</b>  | <b>Course number</b>              | <b>Units</b> |
|---------------|-----------------------------------|--------------|
| Radiobiology: | <b>HSCI 540 Radiation Biology</b> | 2            |

The Physics of:

|  |  |   |
|--|--|---|
| Diagnostic Radiology:  | <b>HCSI 570 Introduction to Medical Diagnostic Imaging</b> | 3   |
| Nuclear Medicine:  | <b>Nuclear Medicine Short Course</b>                       | <b>University of Tennessee Three Day Short course</b> |
| Ultrasonography:   | <b>HCSI 570 Introduction to Medical Diagnostic Imaging</b> | 3   |
| CT:  | <b>HCSI 570 Introduction to Medical Diagnostic Imaging</b> | 3   |
| MRI:   | <b>HCSI 570 Introduction to Medical Diagnostic Imaging</b> | 3   |
| If your program does not offer formal courses in any or all of these topics please indicate how these educational objectives for each are met. Use attached sheets if necessary. |  |   |

**IX. Research Environment:**

Over the last 5 years, what is the average number of peer reviewed publications, on which the IMAGING faculty listed under Direction and Supervision in **IV** above, are included as authors?

**7 per year**

What is the number of publications/submissions expected of a resident completing the program?

**1**

If this is an established program, what percentage of residents have made formal research presentations at the annual ACVR or equivalent national meeting?

**This is not an established program. First Resident in 2007**

Is an advanced degree a requirement of the training program?

**Yes. Masters Degree**

**X. Educational Environment:**

How many lectures or scientific presentations are expected of each resident during the course of their training?

**One scientific presentation at a national meeting.  
3 presentations at Purdue School of Veterinary Medicine and 3 lectures to Junior veterinary students.  
Conduct senior rounds approximately 3 weeks.**

**XI. Evaluation:**

During the program how often is resident performance evaluated in writing?

**Bi-annually for the first two years and then one in the last year.**

**XII. Teaching File:**

What is the nature and scope of the teaching file available to residents?

**The teaching file is arranged by system and primarily consists of radiographs with reports, generated by a board certified radiologist. The CT file teaching file has digital access and interesting cases are kept in log book. Ultrasound cases of teaching value are found as an adjunct to the keyed radiographic reports as we do not perform ultrasound examinations without accompanying radiographs. There is**

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| <p><b>also a collection of cases from outside consultations maintained by the radiologists at Purdue .</b></p> |
| <p>How is it maintained/updated?</p> <p><b>Radiologists add appropriate cases as they see them.</b></p>        |

**XIII. Conferences:**

|  |
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| <p>On average how many Known Case Conferences are conducted annually?</p> <p><b>10</b></p> |
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**XIV. Literature resources:**

|   |
|---|
| <p>What is the geographic relationship between the nearest medical library and the training program?</p> <p><b>The Veterinary Medicine Library is in Lynn Hall, the main Purdue School of Veterinary Medicine building, and is a 60 second walk from the radiology section.</b></p> |
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**XV. Appendix: NA**

(a) Provide the pass rate for first time, second time, etc for both the preliminary and certifying exams for your residents for the past 5 years. For example, for all residents finishing your program 5 years ago (Year 5), check the appropriate box. Complete the table for residents finishing 4 years ago (Year 4), 3 years ago (Year 3), etc.

|   | Year 5 | Year 4 | Year 3 | Year 2 | Year 1 |
|---|--------|--------|--------|--------|--------|
| Passed preliminary exam 1st time            |        |        |        |        |        |
| Passed prelim exam 2 <sup>nd</sup> time     |        |        |        |        |        |
| Passed prelim after 2 <sup>nd</sup> time    |        |        |        |        |        |
| Passed certifying exam 1 <sup>st</sup> time |        |        |        |        |        |
| Passed certifying exam 2 <sup>nd</sup> time |        |        |        |        |        |
| Passed                                      |        |        |        |        |        |

|  |  |  |  |  |  |
|--|--|--|--|--|--|
| certifying exam after 2 <sup>nd</sup> time |  |  |  |  |  |
| Unsuccessful in all attempts               |  |  |  |  |  |

(b) Provide a clinical schedule for your resident(s). This schedule should provide a weekly or monthly outline of the resident’s clinical responsibilities. This may be in the form of a master schedule or duty roster for your entire radiology section if desired.

**Year 1**

| <b>Mid-summer/Fall</b>   | <b>Spring</b>  | <b>Summer</b>  |
|--|--|--|
| Technical training of radiology – large and small animal (3 weeks) | Clinical radiology rotation with radiologist on duty (10 weeks)        | Clinical radiology rotation with radiologist on duty (5weeks)          |
| Clinical radiology rotation (including CT/MRI/NM) (17.5 weeks)     | Clinical ultrasonography rotation with radiologist on duty (7.5 weeks) | Clinical ultrasonography rotation with radiologist on duty (2.5 weeks) |
| HSCI 570 – Introduction to Medical Diagnostic Imaging              | HSCI 540 – Radiation Biology   | CT/MRI/NM (2.5 weeks)  |
|  |  | Off clinics- research and scholarly activity (5 weeks)                 |
| Vacation (2 weeks)   |  |  |

**Year 2**

| <b>Fall</b>  | <b>Spring</b>  | <b>Summer</b>   |
|--|--|---|
| Clinical radiology rotation with radiologist on duty (5 weeks)       | Clinical radiology rotation with radiologist on duty (7.5 weeks)       | Clinical radiology rotation with radiologist on duty (2.5weeks) |
| Clinical ultrasonography rotation with radiologist on duty (5 weeks) | Clinical ultrasonography rotation with radiologist on duty (2.5 weeks) | CT/MRI/NM (2.5 weeks)   |
| CT/MRI/NM (7.5 weeks)  | CT/MRI/NM (5 weeks)  | Off clinics-preparation for qualifier boards (10 weeks)         |
|  | Off clinics (2.5 weeks)  |   |
| Vacation 2 weeks   |  |   |

**Year 3**

| <b>Fall</b>  | <b>Spring</b>  | <b>Summer</b>  |
|--|--|--|
| Clinical radiology rotation with radiologist on duty (5 weeks)         | Clinical radiology rotation with radiologist on duty (2.5 weeks) | Clinical radiology rotation with radiologist on duty (5 weeks) |
| Clinical ultrasonography rotation with radiologist on duty (7.5 weeks) | Elective (5 weeks)   | Elective (5 weeks)   |
| CT/MRI/NM (5 weeks)  | CT/MRI/NM (5 weeks)  |  |
| Off clinics (2.5 weeks)  | Off clinics (2.5 weeks)  | Off clinics (2 weeks)  |
| Vacation 2 weeks   |  |  |

**CURRICULUM VITAE****William R. Widmer**

|   |                     |             |
|---|---------------------|-------------|
| <b>EDUCATION &amp; DEGREES</b>  | <b>DVM (Purdue)</b> | <b>1969</b> |
|   | <b>MS (Purdue)</b>  | <b>1986</b> |
|   | <b>DACVR</b>        | <b>1988</b> |
| <b>RECENT PUBLICATIONS</b>  |                     |             |
| <p>Klocke NW, Snyder PW, <u>Widmer WR</u>, Zhong W, McCabe GP, Breur GJ. Synovial macrophages in naturally-occurring rupture of the cranial cruciate ligament in canines. <i>J Am Vet Res</i>, 2005;66:493-499.</p> <p>Laverty PH, Leskovar A, Coates JR, <u>Widmer WR</u>, Breur GJ, Toombs JP, Borgens RB. Preliminary study of surfactants in paraplegic dogs polymer therapy in canine clinical SCI. <i>J Neurotrauma</i> 2004;21:1767-1777.</p> <p><u>Widmer WR</u>, Biller DS, Adams LG, Ultrasonography of the urinary tract of the small animal patient. <i>J Am Vet Med Assoc</i> 2004, 225:46-54.</p> <p>Van Alstine WG, <u>Widmer WR</u>. Lightning injury in an outdoor swine herd. <i>J Vet Diagn Invest</i> 2003;15:289-291.</p> <p>Mutsaers AJ, <u>Widmer WR</u>, Knapp DW. Canine transitional cell carcinomas. <i>J Vet Intern Med</i> 2003;17:136-144.</p> <p>Irizarry-Rovira AR, Wolff A, <u>Widmer WR</u>. What is your diagnosis? (Dystrophic mineralization in the peritoneal cavity of a rabbit). <i>J Am Vet Med Assoc</i> 2002;221:357-358.</p> <p>Mutsaers AJ, Glickman NW, DeNicola DB, <u>Widmer WR</u>, Bonney PL, Hahn KA, Knapp DW. Doxorubicin-piroxicam for treatment of canine multicentric lymphomas. <i>J Am Vet Med Assoc</i> 2002;220:1813-1817.</p> <p>Turk MJ, Breur GJ, <u>Widmer WR</u>, Paulos CM Xu L-C, Grote LA, Low P. Folate-targeted imaging of activated macrophages in rats with adjuvant-induced arthritis. <i>Arthritis Rheum</i> 2002;46:147-1955</p> <p>Mohammed SI, Bennett PF, Craig BA, Glickman NW, Mutsaers AJ, Snyder PW, <u>Widmer WR</u>, DeGortari AE, Bonney PL, Knapp DW. Effects of the Cyclooxygenase Inhibitor, Piroxicam, on Tumor Response, apoptosis, and angiogenesis in a canine model of human invasive urinary bladder cancer. <i>Cancer Res</i> 2002;62:356-358.</p> <p>Irizarry-Rovira AR, Stephens J, Christian J, Kjemtrup A, DeNicola DB, <u>Widmer WR</u>, Conrad PA. <i>Babesia gibsoni</i> infection in a 10-year old dog from Indiana. <i>Vet Clin Pathol</i> 2001;30:180-188.</p> |                     |             |

**Hock Gan Heng**

|   |                             |
|---|-----------------------------|
| <b>EDUCATION &amp; DEGREES</b>  | <b>DVM (Malaysia) 1993</b>  |
|   | <b>MVS (Melbourne) 1997</b> |
|   | <b>MS (Colorado) 2004</b>   |
|   | <b>DECVDI 2004</b>          |
|   | <b>DACVR 2005</b>           |
| <b>RECENT PUBLICATIONS</b>  |                             |
| <u>Heng HG</u> , Teoh WT, Sheikh Omar AR. Postmortem abdominal radiographic findings in feline cadavers. <i>Vet Rad and Ultrasound</i> . 2008;49(1):26-9  |                             |
| <u>Heng HG</u> , Teoh WT, Sheikh Omar AR. Gastric Submucosal Fat in Cats. <i>Anat Histol Embryol</i> . 2008;Oct;37(5):362-5. Epub 2008 Apr 9.   |                             |
| Miller MA, Towle HA, <u>Heng HG</u> , Greenberg CB, Pool RR. Mandibular ossifying fibroma in a dog. <i>Vet Pathol</i> 2008;45(2):203-6.   |                             |
| <u>Heng HG</u> , Holt T. What is your diagnosis? <i>JAVMA</i> 2007;230(7):993-994   |                             |
| <u>Heng HG</u> , Ong TW, Hassan MD. Radiographic Assessment Of Gastric Emptying And Gastrointestinal Transit Time In Hybrid Tilapia. <i>Vet Rad and Ultrasound</i> . 2007;48(2):132-134                                       |                             |
| Thilagar S, Vinita WP, <u>Heng HG</u> , Aisah S, Khairani-Bejo S. What is your diagnosis (emphysematous pyometra)? <i>Journal of Small Animal Practice</i> . 2006; 47(11):687-8.  |                             |
| <u>Heng HG</u> , Jennifer E Lowry, Sarah Boston, Carla Gabel, Nicole Ehrhart and Silvia M Stocker Gulden. Smooth Muscle Neoplasia of the Urinary Bladder Wall in Three Dogs. <i>Vet Rad and Ultrasound</i> 2006; 47(1):83-86. |                             |
| <u>Heng HG</u> , Wrigley RH, Kraft SL and Powers B. Fat is Responsible for the Radiolucent Band in Cats' Stomach. <i>Vet Rad and Ultrasound</i> . 2005; 46(1):54-56.  |                             |
| Loukopoulus P, <u>Heng HG</u> and Arshad H. Canine Biphasic Synovial Sarcoma: Case Report and Immunohistochemical Characterization. <i>J Vet Sci</i> . 2004; 5(2): 173-80.  |                             |
| <u>Heng HG</u> , Wrigley RH and Offermann CF. Pregnancy Diagnosis of Amazon Treeboas ( <i>Corallus hortulanus</i> ) by Sonography. <i>Journal of Herpetological medicine and surgery</i> . 2003; 13(3): 29-31.                |                             |

**Jacob J Rohleder**

|                                |                                    |
|--------------------------------|------------------------------------|
| <b>EDUCATION &amp; DEGREES</b> | <b>DVM (Purdue) 1998</b>           |
|                                | <b>MS (Virginia-Maryland) 2004</b> |
|                                | <b>DACVR 2004</b>                  |
| <b>RECENT PUBLICATIONS</b>     |                                    |

Rossmeisl JH Jr., Rohleder JJ, Pickett JP, Duncan RB, Jortner B, Herring IP, Presumed and Confirmed Striatocapsular Brain Infarctions in Six Dogs. *Vet Ophthalmol.* 2007 10(1): 23-36.

Bleedorn JA, Towle HA, Rohleder JJ, Breur GJ. What is your diagnosis? Popliteus muscle avulsion. *J Am Med Assoc.* 2006 15;229 (12):1885-6.

Rohleder JJ, Jones JC, Duncan RB, Larson MM, Waldron DL, Tromblee T. Comparative performance of radiography and computed tomography in the diagnosis of middle ear disease in 31 dogs. *Vet Radiology and Ultrasound* 2006; 47(1): 45-52.

Rossmeisl JH Jr., Rohleder JJ, Hancock R, Lanz O. Computed Tomographic Features of Suspected Traumatic Injury to the Iliopsoas and Pelvic Limb Musculature of a Dog. *Vet Radiology and Ultrasound* 2004; 45(5): 388-92.

Rohleder JJ, Jones JC; Emphysematous Prostatitis and Carcinoma in a Dog. *J Am Anim Hosp Assoc* 2002; 38(5):478-81.

Wood BC, Rossmeisl JH Jr, Rohleder JJ. What is Your Diagnosis? Pronounced Ventral Deviation of the Colon by an Irregular Soft Tissue Opacity in the Retroperitoneal Area. *J Am Vet Med Assoc* 2001; 219(3):305-6.

### Debra K. Baird

|  |                            |             |
|--|----------------------------|-------------|
| <b>EDUCATION &amp; DEGREES</b>   | <b>DVM (Texas A&amp;M)</b> | <b>1988</b> |
|  | <b>PhD (Auburn)</b>        | <b>1997</b> |
|  | <b>DACVR</b>               | <b>1994</b> |
| <b>RECENT PUBLICATIONS</b>   |                            |             |
| Ivester KM, Baird AN, <u>Baird DK</u> , et al. Diagnostic Imaging in Veterinary Dental Practice—Mandibular ameloblastoma in a juvenile llama. <i>J Amer Vet Med Assoc</i> , 2006;1;228(9):1343-1344.   |                            |             |
| Brounts S, Baird AN, <u>Baird DK</u> . What's your diagnosis?—Dystrophic mineralization in the cervical region. <i>J Amer Vet Med Assoc</i> 2005;226(3):349.   |                            |             |
| Werner T, McNicholas W, Naughton J, <u>Baird DK</u> , Breur G. Aplastic articular facets in a dog with intervertebral disk rupture of the 12 <sup>th</sup> to 13 <sup>th</sup> thoracic vertebral space. <i>J Am Anim Hosp Assoc</i> 2004;40(6):490-494. |                            |             |
| Orsini J, <u>Baird DK</u> , Ruggles A. Radiotherapy of a recurrent ossifying fibroma in the paranasal sinuses of a horse. <i>J Amer Vet Med Assoc</i> 2004;224 (9):1483-1486.  |                            |             |
| Arnold CE, Schaer TP, <u>Baird DK</u> , Martin BB. Conservative management of 17 horses with nonarticular fractures of the tibial tuberosity. <i>Equine Vet J</i> , 2003;35(2)202-206.   |                            |             |

Glass K, Baird AN, Baird DK, Del Piero F. Vertebral malformation in two alpacas. *New England Journal of Large Animal Health* 2002; 2 (2):30-32.

Kraus BM, Baird AN, Baird DK. What's your diagnosis?- Cervical esophageal stricture. *J Amer Vet Med Assoc* 2002; 221(10):1395-1396.

Rabuffo TS, Richardson DW, Baird DK. What's your diagnosis?—Osteoma of the tarsus. *J Amer Vet Med Assoc* 2002; 221 (5):635-636.

### William E. Blevins

|   |                     |             |
|---|---------------------|-------------|
| <b>EDUCATION &amp; DEGREES</b>  | <b>DVM (Purdue)</b> | <b>1968</b> |
|   | <b>MS (Iowa)</b>    | <b>1970</b> |
|   | <b>DACVR</b>        | <b>1972</b> |
| <b>RECENT PUBLICATIONS</b>  |                     |             |
| <p>Kim J, <u>Blevins WE</u>, Breur GJ: Morphological and Functional Evaluation of a Dog with Dimelia. <i>Vet. Comp. Orthop. Traumatol.</i> 2006; 4:255-258.</p>   |                     |             |
| <p>Dalby A M, Adams LG, Salisbury SK, <u>Blevins WE</u>: Spontaneous Retrograde Movement of Ureteroliths in Two Dogs and Five Cats. <i>JAVMA</i> 2006; 229(7):1118-1121.</p>  |                     |             |
| <p>Riede T, Suthers RA, Fletcher NH, <u>Blevins WE</u>: Songbirds Tune Their Vocal Tract to the Fundamental Frequency of their Song. <i>PNAS</i> 2006; 103(14): 5543-5548.</p>  |                     |             |
| <p>Miller M A, Aper RL, Fauber A, <u>Blevins WE</u>, Ramos-Vara, J A: Extraskelatal Osteosarcoma associated with Retained Surgical Sponge in a Dog. <i>Vet Diagn Invest</i> 2006; 18:224-228.</p>                                       |                     |             |
| <p>Hill KE, Scott-Moncrieff CR, Koshko MA, Glickman LT, Glickman NW, Nelson RW, <u>Blevins WE</u>, Oliver JW: Secretion of Sex Hormones in Dogs with Adrenal Dysfunction. <i>JAVMA</i>. 2005; 226:556-561.</p>                          |                     |             |
| <p>Riede T, Beckers GJL, <u>Blevins WE</u>, Suthers RA: Inflation of the esophagus and vocal tract filtering in ring doves. <i>Journal of Experimental Biology</i> 2004; 207:4025-4036.</p>   |                     |             |
| <p>Lescun TB, Morisset SM, Fugaro MN, <u>Blevins WE</u>: Facilitated Ankylosis of the Distal Interphalangeal Joint in a Foal: <i>Aus. Vet. J.</i> 2004; 82(5):14-17.</p>  |                     |             |
| <p>McNicholas WT, Wilkens BE, <u>Blevins WE</u>, Snyder PW, McCabe GP, Applewhite AA, Laverty PH, Breur GJ. Spontaneous femoral capital physal fractures in adult cats: 26 cases (1996-2001). <i>JAVMA</i> 2002; 221(12):1731-1736.</p> |                     |             |
| <p>Morisset S, Hawkins J, Frank N, Sojka J, Berg D., <u>Blevins W</u>. Surgical management of a ureteral defect with ureterorrhaphy and of ureteritis with ureteroneocystostomy in a foal.</p>  |                     |             |

|                              |
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| JAVMA 2002; 220 (3):354-358. |
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### James F Naughton

|  |                      |             |
|--|----------------------|-------------|
| <b>EDUCATION &amp; DEGREES</b>   | <b>DVM (Purdue)</b>  | <b>2002</b> |
|  | <b>MS (Illinois)</b> | <b>2007</b> |
|  | <b>DACVR</b>         | <b>2008</b> |
| <b>RECENT PUBLICATIONS</b>   |                      |             |
| <p>Stewart MC, <b>Naughton J</b>. Use of MRI for Diagnosis of Equine Lower Limb Pathology. Proceedings of the 2008 Scientific Meeting of the Australian College of Veterinary Scientists, Gold Coast, QLD, Australia, July, 2008</p> <p><b>Naughton JF</b>, Stewart MC, Ciobanu L. <u>Delayed Gadolinium-Enhanced Magnetic Resonance Imaging of Canine Cartilage</u>. Incomplete work derived from Master's thesis in final stage of development, December 2008.</p> <p>Navas de Solis C, Foreman JH, Goetz TE, <b>Naughton JF</b>, Kagan RA. <u>Neurological Signs Due to Osteosarcoma in a Horse</u>. Submitted to Journal of the Equine Veterinary Education.</p> <p><b>Naughton JF</b>, Mealey KL, Wardrop KJ, Oaks JL, Bradway DS, <u>Systemic <i>Mycobacterium avium</i> Infection in a Dog Diagnosed by PCR Analysis of Buffy Coat</u>. J Am Anim Hosp Assoc. 2005. 41(2):128-32.</p> <p><b>Naughton JF</b>, Tucker RL, Bagley RS, <u>Radiographic Diagnosis: Paraspinal Abscess in a Dog</u>. Vet Radiol Ultrasound. 2005. 46(1):23-6.</p> |                      |             |