VSH Carolinas
Diagnostic Imaging Residency Program

I. Introduction

This document will serve as the basis for the diagnostic imaging training program at the Veterinary Specialty Hospitals of the Carolinas located in Cary, Durham and North Raleigh, NC. The practice consists of three small animal specialty referral practices within the Raleigh/Durham NC area. The residency program will be affiliated with the University of Florida for training in the areas of large animal diagnostic imaging (radiology, CT, US and MRI), nuclear medicine and fluoroscopy/special procedures. The resident will spend a total of 18 weeks during the diagnostic imaging program (6 weeks per year) at the University of Florida.

II. Objectives

1. Advanced training in diagnostic imaging.
   a. Develop clinical skills in diagnostic radiology.
   b. Develop clinical skills in special procedures including fistulography, fluoroscopic evaluation of dynamic processes (swallowing, tracheal evaluation) and routine special procedures (evaluation of the gastrointestinal and urogenital systems).
   c. Develop clinical skills in small and large animal diagnostic ultrasound, computed tomography, magnetic resonance and nuclear imaging.
   e. Receive instructional training in the physics of radiography, alternate imaging modalities (including ultrasound, computed tomography, magnetic resonance imaging, and nuclear medicine), radiobiology, radiation protection, and radiation dosimetry and safety.
      Radiation safety, radiobiology and physics of diagnostic imaging are taught during the first year and will be taken in conjunction with the MD diagnostic imaging House Officers at the University of North Carolina, College of Medicine.

2. Training in critical current literature evaluation through the participation in weekly journal club.
3. Participate in the clinical training of veterinary interns during their radiology rotations.
4. Training in the presentation of current relevant research data through abstract submission and presentation at appropriate scientific presentations. This would include the presentation of a current research project at the Annual House Officer’s seminar as well as the submission of an abstract and presentation at the Annual ACVR meeting.
5. Preparation for qualifying and certifying examinations offered by the American College of Veterinary Radiology by three Mock written examinations (taken at the end of the second year in preparation for the qualifying examination) and Mock oral examinations (Known Case Conference – in preparation for the certifying examination).
6. Develop appropriate communication skills with clinicians and referring veterinarians.

III. Training Period

The training program will consist of 3 years (36 months) of postdoctoral medical education in veterinary radiology, of which at least 30 months of training will be supervised clinical experience by ACVR and ECVDI board certified veterinary radiologists.
IV. Direction and Supervision

Program Director
Clifford R. Berry, DVM, DACVR
   Courtesy Professor, University of Florida
Will have 80% clinical commitment with overlap of clinical training of the VSH diagnostic imaging resident and program. Dr. Berry will assume responsibility for the training of the residents in diagnostic imaging, diagnostic ultrasound, physics of medical imaging, nuclear medicine and computed tomography. Dr. Berry will also be responsible as resident coordinator and supervisor for the weekly journal club and known case conference for the resident’s participation. Dr. Berry has successfully trained 24 diagnostic imaging residents (all of which are ACVR boarded at the present time) including two from private practice (Dr. Reid Tyson and Dr. Scott Tidwell, Affiliated Veterinary Specialists, Maitland, FL).

Faculty

VSH of the Carolinas
Maureen Levesque, VMD, DACVR – 80% clinical commitment
Stephanie Knapp, DVM, DACVR (section chief) – 80% clinical commitment; Dr. Knapp will be responsible for formal training in MRI

University of Florida
Erin G. Porter, DVM, DACVR – service chief of diagnostic imaging – 0.8 FTE
   Clinical Assistant Professor, Diagnostic Imaging; Dr. Porter will be responsible for formal training in large animal radiology, computed tomography, MRI, nuclear medicine and ultrasound while at the University of Florida.
Federico Vilaplana Grosso, DVM, DECVI – 1.0 FTE
   Clinical Assistant Professor, Diagnostic Imaging
Aitor Gallastegui Menoyo, LV, MSc, DACVR – 1.0 FTE
   Clinical Assistant Professor, Diagnostic Imaging
Matthew D. Winter, DVM, DACVR – 0.2 FTE
   Clinical Associate Professor, Diagnostic Imaging

Additional Faculty – VSH of the Carolinas
ACVP (in house AnTech Pathology Services)
Dr. Nancy Collicutt
Dr. Rebeccah Gunn-Christie

ACVA
Dr. Melody Gerratt

ACVIM (Internal Medicine)
Dr. Rae Hutchins
Dr. Ryan Dulaney
Dr. Sirima Yaemsiri
Dr. Kate Aicher
Dr. Laura Greene

ACVIM (Neurology)
Dr. Sarita Miles
V. Affiliation Agreement

A letter of agreement with the University of Florida is attached in order to complete the large animal training, fluoroscopic training, and nuclear medicine training.

VI. Facilities

VSH of the Carolinas
Diagnostic Imaging: Four 50 kW generators x-ray tubes and tables with 125 kvP and 500 mA output. All four are linked with DR Canon plates. All images are reviewed in PACS (Keystone, Asteris) using three high end work stations with 3 MP monitors (3, 2, 2 for Cary, Durham and North Raleigh).
Ultrasound machines:
- GE Logic S8 with 5 diagnostic probes (3 linear and two convex)
- Samsung S80A with 5 diagnostic probes (3 linear and two convex – one of which is capable of shear wave elastography)
- Toshiba (Canon) i700 Aplio with four diagnostic probes (one of which is capable of shear wave elastography)
Contrast ultrasound is available on all three machines.
Computed Tomography: GE 16 slice CT scanner with multiplanar rendering at the GE workstation
MRI: 1.5 T Siemens Avanto MRI Scanner with 6 different coils with 16 channel receiver capability.

University of Florida
Facilities include small (5 rooms) and large animal (2 rooms) diagnostic radiology, interventional suite with DR video fluoroscopy and digital subtraction, complete digital radiography system (6 DR Canon Plates), portable radiology units (2 equine and 1 DR plate portable unit for small animal surgery), two real-time B-mode ultrasound with pulsed wave Doppler, power and color Doppler and elastography, 160 slice Toshiba Acquilion Prime helical multidetector-row computed tomography and 1.5 T Toshiba magnetic resonance imaging is available. The CT and MR have both small and large animal capabilities. The imaging service remains paperless and filmless department with 7 fully integrated diagnostic imaging workstations (two of which have [4] 3MP monitors and five of which have [2] 3 MP monitors). The hospital uses a mature PACS (Merge® PACS) and RIS (Empiric® Fuji) system for full integration of all imaging modalities and reporting. Direct dictation systems are used for each workstation based on a server driven Dragon Medical Nuance software program.

Ultrasound
Philips Epic V with 4 transducers (C8-5 MHz, Lio12-15 MHz, L8-15 MHz and C9-4 MHz probes)
Philips iU22 with 4 transducers (C8-5 MHz, Lio12-15 MHz, L8-15 MHz and C9-4 MHz probes)
Hitachi Prierus with 4 transducers, shear wave elastography and CT/US fusion

Computed tomography
Toshiba Acquilion Prime®, 160 Multi-detector helical CT unit with CT fluoroscopy

Small animal radiography
  SA Radiography room one
  Quantum Medical Imaging overhead tube, CPI generator (1000 mA ,150 kVp) with Control X floating bucky table and wall bucky. Canon DR 17” x 17” plate. Routine small animal radiography.
  SA Radiography room two
  Sedecal x-ray machine (800mA, 125 KVP) with floating table-top. Canon DR 17” x 17” plate. Routine small animal radiography.
  SA Radiography room three
  Sedecal x-ray machine (800mA, 125 KVP) with floating table-top. Canon DR 17” x 17” plate. Routine small animal radiography.
  SA Radiography room four
  Sedecal x-ray machine (800mA, 125 KVP) with floating table-top. Canon DR 17” x 17” plate. Routine small animal radiography.
  SA Radiography room five
  Sedecal x-ray machine (400mA, 125 KVP) with floating table-top. Canon DR 17” x 17” plate. Emergency/ICU small animal radiography.
  SA Post-operative surgery portable mobile x-ray unit
One Sedecal portable high frequency mobile x-ray unit with Canon DR 17” x 17” plate. Full Dicom integration with PACS and RIS.
SA Special procedures
Phillips radiographic/fluoroscopic system with overhead tube (1000 mA 125 kVp). Medrad Mark-IV® and Mark VII pressure/power injectors for CT angiography and interventional radiography. Routine small animal radiography and special procedures.

Large animal radiography
LA Radiography room one
CPI Indico high frequency generator (1000 mA, 150kVp) all-purpose machine with a custom slaved cassette holder system. Routine large animal radiography and special procedures.
LA Radiography room two
Sedecal high frequency generator (800 mA, 150kVp) all-purpose machine with a custom slaved cassette holder system.
Routine large animal radiography and special procedures with wall Bucky tray for horizontal beam thorax and other radiographic procedures.
Routine large animal radiography.
Two portable high frequency machines are available for stall side and intraoperative radiography.

Magnetic Resonance Imaging
Toshiba Titan 1.5 T, 16 channel, 33 mT/m gradient MRI unit.
In addition, there are 3T, 4.7T, and 11T units available for small animal (rodent) imaging at the University of Florida McKnight Brain Institute.

Nuclear Medicine
MIE Scintron® VI with mobile stand for equine and small animal nuclear medicine. Large field of view gamma camera with dedicated computer system and software (Scintron® dedicated nuclear medicine acquisition and processing software).

VII. Clinical Resources and Case Load

VSH of the Carolinas
The overall caseload for the three hospitals at VSH for all three hospitals is dogs and cats annually. The overall imaging case load for VSH for all three hospitals is dogs and cats annually with the following breakdowns. All three radiology diagnostic work stations have access to a centralized PACS/RIS set up with the ability to report and the resident to submit a preliminary report that is then reviewed by the radiologist. All reports are reviewed by an ACVR Diplomate with immediate feedback to the resident.

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<thead>
<tr>
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<tbody>
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<td>6761</td>
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<tr>
<td>Ultrasound</td>
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<td>2554</td>
<td>3189</td>
</tr>
<tr>
<td>CT</td>
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<td>424</td>
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<td>MRI</td>
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Currently at VSH we are in the process of installing a 1.5 T Siemens Avanto magnet in house. Currently we are using the magnet at NCSU with an estimated 6 to 8 cases per week.

**University of Florida**

Case material is available from those animals referred to the UF | Veterinary Hospitals. Overall caseload has averaged approximately 15,500 over the past three years (including both large and small animal). Approximately 70% of the animals presented to UF | Veterinary Hospitals will get an imaging study. In addition to the numbers reported below there is a three-year average of 198 dogs and cats each year that present for fluoroscopic evaluation, including but not limited to special procedures, interventional studies and tracheal fluoroscopic evaluations.

Number of patients seen at UF | Veterinary Hospitals: 35,660 for 2017.

Annual Imaging Caseload (all services and modalities combined): 15,218 for 2017
Breakdown by species:
Small Animal 11,112
Large Animal 2,410
Exotics 1,696

All reports are dictated directly into RIS and finalized in formal rounds setting the same day or the next day. Percentage of reports reviewed with the residents and finalized within 24 and 48 hours:
24 hours – 90%
48 hours – 100%

Table 1: Average annual distribution of cases by species and modality based on caseload from July 2013 to June 2016.

<table>
<thead>
<tr>
<th>Time Frame</th>
<th>Radiology</th>
<th>Ultrasound</th>
<th>CT</th>
<th>MRI</th>
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<th>Fluoroscopy/IR</th>
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<td>411</td>
<td>48</td>
<td>203</td>
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<td>2850</td>
<td>978</td>
<td>398</td>
<td>71</td>
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<td>7168</td>
<td>2949</td>
<td>1075</td>
<td>447</td>
<td>83</td>
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<th>Time Frame</th>
<th>Radiology</th>
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<th>CT</th>
<th>MRI</th>
<th>NM</th>
<th>Fluoroscopy/IR</th>
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<td>26</td>
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<tr>
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<td>876</td>
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<td>25</td>
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<td>3383</td>
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Exotics

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</thead>
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<tr>
<td>Radiology</td>
<td>285</td>
<td>240</td>
<td>301</td>
<td>821</td>
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<tr>
<td>Ultrasound</td>
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<td>47</td>
<td>55</td>
<td>153</td>
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<tr>
<td>CT</td>
<td>178</td>
<td>189</td>
<td>165</td>
<td>532</td>
</tr>
<tr>
<td>MRI</td>
<td>72</td>
<td>7</td>
<td>6</td>
<td>90</td>
</tr>
<tr>
<td>NM</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
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<tr>
<td>Total</td>
<td>586</td>
<td>483</td>
<td>527</td>
<td>1596</td>
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VIII. Training Content

Formal didactic classes or organized self-study modules will be included for each of the following:

1. Radiobiology
2. The physics of diagnostic imaging to include:
   - diagnostic radiology
   - nuclear medicine
   - ultrasonography
   - CT
   - MRI
3. Diagnostic nuclear medicine (will attend the nuclear medicine short course)
4. Echocardiography (resident will spend two weeks on cardiology service during the second year)
5. Large animal ultrasound – obtained during case reviews at the University of Florida
6. MRI – daily rounds
7. CT – daily rounds
8. Board objective reviews using the current and old qualifying and certifying board objectives.

A tentative training schedule will be as follows:

YEAR 1

July 15 – start residency training. Spend first two weeks helping to make small animal radiographs. Start Journal Club and objective review rounds. Start Known case conference.

August 1 – start dictating small animal radiology reports and ultrasound reports. Spend time in diagnostic imaging and ultrasound with the goal of doing a complete abdominal scan in a reasonable time frame by the end of the year. Start review of Medical Imaging Physics and Radiobiology in conjunction with medical diagnostic imaging program at the University of North Carolina at Chapel Hill.

October 1 – spend three weeks at the University of Florida. Review Large Animal anatomy and small animal anatomy with anatomy specimens that are being dissected by the first-year veterinary students. Obtain large animal radiographs during the rotation to get comfortable with positioning and views
acquired during routine large animal studies. Help with special procedures including fluoroscopic studies of the small animal trachea, gastrointestinal and urinary systems.

December 15 – Mock examinations in anatomy and medical physics of diagnostic imaging. The expectation is that the resident will pass these mock examinations for satisfactory progression in the residency program.

January 15 – 6-month review with formal submission to RESC/ACVR; Continue studying board objectives (pathophysiology and alternate imaging). Start dictating CT and MRI studies.

February 15 – spend three weeks at the University of Florida (same expectations)

March 15 – submit proposal with study hypothesis and objectives to resident review committee for resident research project. Establish time line to complete project and data review by April 15 of the following year.

June 15 – take mock examinations in pathophysiology and alternate imaging

**YEAR 2**

July 15 – annual review with formal submission to RESC/ACVR. Continue studying for qualifying examination focusing on special procedures and radiation safety/radiobiology. Continue with dictations with daily review with ACVR diplomates. All reports will be reviewed within 24 hours of submission, except for week end cases that will be reviewed with faculty on Monday after the week end.

October 1 – spend three weeks with the radiology service at the University of Florida. Continue progress on research project.

December 15 – Mock examinations regarding special procedures, contrast media and radiobiology/radiation safety.

**YEAR 3**

July 15 – annual review with formal submission to RESC/ACVR.

August 1 – Sept 10 – board examination study time. Take qualifying examination labor-day week.

October 1 – spend three weeks with the radiology service at the University of Florida.
January 15 – 6-month review with formal submission to RESC/ACVR. Apply with ACVR for certifying examination.

February 15 – spend three weeks at the University of Florida (same expectations). Complete feedback for the University of Florida faculty on the pros and cons of the joint program.

March 15 – increase KCC time so that starts to look more like boards (time allotment, number of cases, lack of feedback, etc.). Continue through July 15.

July 15 – finish residency program. Stay connected with a Diplomate until the certifying examination to continue to receive KCC.

NOTE: The resident will take 2 weeks of vacation each year. In addition, during Years 2 and 3, the resident will spend 4 months’ total in rotations of their choice and in outside rotations in nuclear medicine and MRI. The goal of this time is to provide additional training in areas of interest for the resident.

IX. Research Environment

The resident will be provided with an appropriate mentoring environment in which they will be required to engage in research, in the form of a retrospective or prospective, clinical or basic science hypothesis driven research. This project will be presented, if selected, during the resident’s third year at the annual ACVR conference in the fall. Published papers are provided in the one page CV for the current faculty at VSH and the University of Florida.

X. Educational Environment

The resident will be a part of the intern training program within the radiology section at VSH and the Junior/Senior clerkships while at the University of Florida. The resident will make three presentations (1 each year) on a topic related to diagnostic imaging or results of a research project at either VSH or the University of Florida.

XI. Evaluation

Evaluation of resident performance and progress will be documented every 6 months through appropriate techniques, including faculty reviews, oral (KCC) or written (practice qualifying) tests throughout the course of the residency program. The residency directors will confirm every 6 months that their listed residents have satisfactorily completed the previous 6 months of the residency program based on an internal review. This will be signed by the residency director and the resident and submitted to RSEC chair every 6 months. If the resident has policy-based concerns, they will be directed to contact the Executive Director of the ACVR. Any interpersonal conflicts will be moderated by the University and Human Resources Department as appropriate.

XII. Teaching File
Currently, the teaching file at the University of Florida includes a RIS database with over 7,000 cases (small animal, large animal and exotics) of all imaging modalities. The University of Florida RIS database and PACS systems will be accessible by the resident throughout the 3 years of the program.

XIII. Conferences

The resident will participate in conferences and teaching rounds each day for diagnostic imaging. In addition, Journal Club and Known Case Conference will be provided to the resident for 48 weeks of each year. Attendance at interdepartmental conferences will be encouraged weekly for the disciplines of internal medicine, oncology and surgery. These interdepartmental conferences are already established within the VSH core curriculum for the current interns and small animal surgery residents.

XIV. Literature Resources

The resident will have access to all e-journals as provided by the Gator Link access to the University of Florida Healthcare Library system. This access will start the day of the residency program.
March 13, 2018

Clifford R. Berry, DVM, DACVR
Courtesy Professor, Small Animal Clinical Sciences
Diagnostic Imaging, VSH Carolinas
Cary, NC 27518

Dear Kip:

I am pleased to inform you that the University of Florida will partner with you in your endeavors with Veterinary Specialty Hospital of the Carolinas for a residency program in diagnostic imaging for compliance with the residency and standards as put forth by the ACVR. We will accept your resident 6 weeks a year (presumably 3 in the fall and 3 in the spring) for large animal diagnostic imaging including US, CT and MRI.

Your resident will have access to PACS and RIS and the teaching file throughout the year. Review of nuclear medicine cases will also be part of the didactic training while here at the University of Florida. In addition, your resident will be able to participate in the daily activities while at the University of Florida, including rounds, journal club and known case conference. They will be dictating cases and have their cases reviewed.

We are excited to proceed forward, pending review and approval by RESC and ACVR Council. Please keep us posted.

Sincerely yours,

[Signature]

Erin G. Porter, DVM, DACVR
Service Chief, Diagnostic Imaging
College of Veterinary Medicine
University of Florida
Gainesville, FL 32610
BIOGRAPHICAL SKETCH

NAME
Berry, Clifford R
DVM, DACVR

POSITION TITLE
Courtesy Professor, Department of Small Animal Clinical Sciences Diagnostic Imaging, VSH of the Carolinas

EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)

| INSTITUTION AND LOCATION | DEGREE (if applicable) | YEAR(s) | FIELD OF STUDY
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<tr>
<td>DePauw University</td>
<td>B.A.</td>
<td>1980</td>
<td>Zoology (cum laude)</td>
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<tr>
<td>University of Florida</td>
<td>D.V.M.</td>
<td>1984</td>
<td>Veterinary Medicine (cum laude)</td>
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A. Positions and Honors

Positions and Employment
1990-1991 Assistant Professor, Department of Small Animal Clinical Sciences, College of Veterinary Medicine, University of Florida.
1991-1997 Associate Professor, Department of Anatomy, Physiology and Radiology, College of Veterinary Medicine, North Carolina State University.
1996 Merck Teaching Award, NCSU.
1997-1998 Associate Professor and Section Chair, Department of Clinical Sciences, College of Veterinary Medicine, University of Missouri.
1999-2000 Associate Professor, Department of Anatomy, Physiology and Radiology, College of Veterinary Medicine, North Carolina State University.
2008-2017 Professor, Department of Small Animal Clinical Sciences, College of Veterinary Medicine, University of Florida.
2017-present Courtesy Professor, Dept of SACS, CVM, UF, Gainesville, FL and Diagnostic Imaging, VSH of the Carolinas, Raleigh, NC.

Other Experience and Professional Memberships
1980 American Veterinary Medical Association
1987 American College of Veterinary Radiology (ACVR)
1989 Radiological Society of North America
1990 Society of Nuclear Medicine
1993-1996 Executive Council, ACVR
2009-2012 Executive Council, ACVR
2012 President-elect, ACVR
2013 President, ACVR
2014-2018 Examination Committee, ACVR

B. Selected peer-reviewed publications (in chronological order).


C. Research Support.

Ongoing support

Davenport P (PI), Winter MD (CoI), Berry CR (CoI), Giglio R (CoI), Saunders F (CoI). Traumatic blast injury in a pneumatic induced injury in the rodent model: Novel approaches to MR imaging. Department of Defense grant.
MAUREEN LEVESQUE VMD, DACVR

127 Donna Place                      maureen.holowinski@gmail.com
Cary, NC 27513                        (773) 610-5061

EDUCATION

University of Pennsylvania, School of Veterinary Medicine
Veternariae Medicinae Doctoris (Summa Cum Laude)  Philadelphia, PA
May 2008

University of Illinois at Urbana-Champaign
Bachelor of Science, Animal Science  Urbana, IL
May 2004

VETERINARY WORK EXPERIENCE

Veterinary Specialty Hospital of the Carolinas
Radiologist  Cary, NC
2015 – present

Veterinary Specialty Center
Radiologist  Buffalo Grove, IL
2012 – 2015

Tufts Cummings School of Veterinary Medicine
Diagnostic Imaging Resident  North Grafton, MA
2009 – 2012

Alamo Pintado Equine Medical Center
Intern  Los Olivos, CA
2008 – 2009

ADDITIONAL TRAINING

Infiniti Medical Tracheal and Urethral Stenting Lab  October 2014

PEER REVIEWED PUBLICATIONS


Stephanie N. M. Knapp, DVM, DACVR

EDUCATION

2014
Diplomat, American College of Veterinary Radiology

2010-2014
Radiology Residency, University of Missouri, Columbia, College of Veterinary Medicine GPA: 3.9/4.0

2003-2007
DVM, University of Missouri, Columbia, College of Veterinary Medicine GPA: 3.5/4.0

1998-2002
BS and BA Biology, Truman State University (Kirksville, MO), cum laude GPA: 3.6/4.0

EMPLOYMENT

2014-current
Veterinary Specialty Hospital of the Carolinas, Cary, NC Veterinary Radiologist, Chief of Service

2010-2014
University of Missouri, College of Veterinary Medicine, Columbia, MO Veterinary Radiology Resident

2008-2010
Various Small Animal Practices, Northern CA Relief and Emergency Veterinarian

2007-2008
Sacramento Veterinary Referral Center VCA, Sacramento, CA Rotating Small Animal Intern

TEACHING

2014-current
Veterinary Specialty Hospital of the Carolinas, Cary, NC Instruction of rotating interns. Continuing education to referral community (CT).

2010-2014
University of Missouri, College of Veterinary Medicine, Columbia, MO Veterinary Radiology Resident. Taught in a variety of clinical and classroom settings to a spectrum of students, including: Radiographic anatomy (first year veterinary students, lectures and laboratories), Radiology physics and safety (clinical veterinary students, lectures and rounds discussions), Clinical topics in veterinary radiology (clinical veterinary students/interns/residents, various topics as encountered on a daily basis in a clinical setting). Delivered formal resident seminars (qualifying for veterinary continuing education) on image-guided tissue sampling techniques, imaging in canine osteosarcoma, and positron emission tomography (PET).

RESEARCH and PUBLICATIONS


2010-2014 Focused residency research on multi-modality imaging of canine osteosarcoma, with special emphasis on PET (FDG and F18). Applied as the primary author for two separate grants for PET studies.
Erin Gordon Porter, DVM, DACVR

Phone: (352) 318-0633
Fax: (352) 392-6382
12215 NW 122 Terr.
E mail: Gordone@ufl.edu
Alachua, FL 32615

CURRENT POSITION
Clinical Assistant Professor, Radiology
Dept. of Small Animal Clinical Sciences
University of Florida, Gainesville, FL
July 2013-present

EDUCATION
University of Florida, Gainesville, FL, 2009-2013
Residency in Diagnostic Imaging
Doctor of Veterinary Medicine
Florida state license # VM10335
Bachelor of Science (Zoology), Cum Laude

WORK EXPERIENCE
Diagnostic Imaging House Officer
University of Florida College of Veterinary Medicine, Gainesville, FL, July 2009- July 2013
Equine lameness and Imaging Intern
University of Florida College of Veterinary Medicine, Gainesville, FL, July 2009- July 2010
Associate Veterinarian
Orlando Equine Veterinary Care, Orlando, FL, July 2007- July 2009

ACADEMIC SERVICES
Image Guided Interventional Service (IGIS) member, 2014-present
Veterinary Hospital Research Review Committee (VHRRC) member, 2014-present
Small Animal Surgery Search Committee member, 2014
Diagnostic Imaging Search Committee member, 2015, 2016, 2017
Radiation Control Committee, 2016, 2017

PROFESSIONAL ORGANIZATIONS
Ultrasound Society, ACVR
Large Animal Diagnostic Imaging Society, ACVR
American Veterinary Medical Association

PROFESSIONAL SERVICES
2018  Program chair, Large Animal Diagnostic Imaging Society, ACVR
2017  Website Advisory Committee, ACVR

GRADUATE STUDENTS
Dr. Fritha Saunders  Co-advisor for Master’s candidate in Veterinary Medicine. Evaluation of different traumatic injuries on the rat brain. Completed, Defended and Graduated: Spring 2017


Dr. Patricia Mendoza  Committee member for Master’s candidate in Veterinary Medicine. Anatomic description of sub-lobar fissures in the normal canine lung lobes. Project completed. Anticipated Graduation: Spring, 2019

Dr. Andrew Smith  Committee member for Doctoral candidate in Veterinary Medicine. Completed 2017.

Dr. Robert Schnurr  Committee member for Master’s candidate in Veterinary Medicine.

RESEARCH/ PUBLICATIONS

Original Investigation


Book Chapters

Case Reports
Porter, EG, Cuddy, LC, Graham, AS, Reese, DJ, Porter, MB, Morton, AJ, Lewis, DD. Hinged


ABSTRACTS AND PRESENTATIONS

Oral presentation (M Winter), American College of Veterinary Radiologists annual conference, 2017

Poster presentation (K Peper), American College of Veterinary Radiologists annual conference, 2017
Peper, K, Cole, J, Werpy, NM, Porter, EG, Johnson, R. The radiographic appearance of enthesopathy of the abaxial palmar/plantar ligaments of the proximal interphalangeal joint and oblique distal sesamoidean ligaments on the equine proximal phalanx.

Poster presentation (K Johnson), American College of Veterinary Radiologists annual conference, 2016
Johnson, K, Porter, EG, Berry, CR. Analysis of Feline Splenic Radiographic Measurements and its Correlation with Ultrasound.

Poster presentation (K Chapman), American Associations of Equine Practitioners annual conference, 2015
Chapman, KA, Porter, EG, Saunders, FC. Radiographic Anatomy of the Equine Distal Tibia.

Poster presentation (K Chapman), American College of Veterinary Radiologists annual conference, 2015
Chapman, KA, Porter, EG, Saunders, FC. Radiographic Anatomy of the Equine Distal Tibia.

Oral presentation, American College of Veterinary Radiologists annual conference, 2015

Poster presentation (B Taylor), ACVP/ASVCP/STP combined annual meeting, Minneapolis, MN, October, 2015. Taylor, B, Conway, J, Porter, EG, Matyjaszek, S, Easley, JT. Computed tomographic findings of a severely destructive mandibular osteosarcoma in a horse.
Oral presentation (NM Werpy), American College of Veterinary Radiologists annual conference, 2012


GRANT PROPOSALS
Hughes, N., McCarel, TM, Porter, EG., Freeman, D., Translaryngeal approach to the sphenopalatine sinus in the horse.
Awarded 2016-2017 CVM Fall Consolidated Faculty Research Grant

Submitted for the American College of Veterinary Radiologists resident research grant, 2011 and 2012.

AWARDS
Consolidated Faculty Research Gant, 2016-2017. Hughes, N., McCarel, TM, Porter, EG, Freeman, D.
Translational approach to the sphenopalatine sinus in the horse.

Second place, American College of Veterinary Radiologists poster competition, 2015: Chapman, KA, Porter, EG, Saunders, FC. Radiographic Anatomy of the Equine Distal Tibia.
Federico VILAPLANA GROSSO – DVM – Dipl. ECVDI

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**Education:**

- **2015:** Diplomate of the European College of Veterinary Diagnostic Imaging, ECVDI.
- **2002-2007:** Doctor in Veterinary Medicine. Faculty of Veterinary Medicine of Córdoba, Spain.
- **2005-2006:** ERASMUS Internship. Faculty of Veterinary Medicine of Liege, Belgium.

**Work experience and academic appointments**

- **2017-2018:** Clinical Assistant Professor of Diagnostic Imaging. University of Florida, College of Veterinary Medicine, Gainesville, FL, USA.
- **2016-2017:** Visiting Assistant Professor of Diagnostic Imaging. Purdue University College of Veterinary Medicine, West Lafayette, IN, USA.
- **2016-2017:** Collaborating Radiologist in the Section of Diagnostic Imaging. Faculty of Veterinary Medicine, Utrecht University, the Netherlands.
- **2015-2016:** Radiologist. Section of Diagnostic Imaging. Faculty of Veterinary Medicine, Utrecht University, the Netherlands.
- **2012-2015:** Residency European College of Veterinary Diagnostic Imaging. Faculty of Veterinary Medicine, Utrecht University, the Netherlands.
- **2010-2011:** Specialized Internship in Small Animal Internal Medicine. National Veterinary School of Maisons-Alfort, Paris, France.
- **2007-2008:** Internship in Medicine and Surgery. Faculty of Veterinary Medicine of Córdoba, Spain.