

AMERICAN COLLEGE OF VETERINARY RADIOLOGY

RECOGNIZED VETERINARY SPECIALTY OF RADIATION ONCOLOGY (ACVR-RO)

RESIDENCY TRAINING PROGRAM RE-ACCREDITATION APPLICATION

NOTE: Some questions in this form are included for data collection purposes. The inclusion of an item does not necessarily imply that the item is a program requirement for ACVR-RO residency program. Please refer to the current Radiation Oncology Training Program Guidelines for comprehensive residency training requirements. This document may be downloaded from Members Only Downloads section of the ACVR website at <http://www.acvr.org>.

APPLICATION INSTRUCTIONS:

Training program directors wishing to have their programs evaluated should submit this electronic form and appropriate attachments electronically to the Chair of the Residency Standards and Evaluation Committee (RSEC) and to the Assistant Executive Director of the ACVR. The application must be received by February 15 of the third year following initial program approval / last re-accreditation. The RSEC will evaluate the application, a vote will be taken, and the results of the vote and the majority recommendation of the committee forwarded to the President of the Recognized Veterinary Specialty for consideration at Executive Council at one of the two annual meetings.

For the required ACVR and ACVIM Diplomates providing consultation in medical oncology and imaging, that are new to the program, please provide a brief 2-page curriculum vitae and specify the number of weeks each year that the individual will be available to actively support the radiation oncology resident.

**ACVR-RO RESIDENCY STANDARD TRAINING PROGRAM
REACCREDITATION APPLICATION**

1. Date of Application

2-22-2011

Date of Initial Program Approval

4-4-2009

Date of Last Re-accreditation

N/A

2. Program Director(s): (Must be a Diplomate of ACVR Recognized Veterinary Specialty of Radiation Oncology)

Glen K. King, Diplomate ACVR (Radiology & Radiation Oncology)

Program Director's Contact Information:

Work Phone:	713-693-1166
Fax:	713-693-1167
E-mail:	drking@gcvs.com

3. Additional ACVR-RO Diplomates supporting the program (not Program Directors)

Pam Jones, Diplomate ACVR (Radiation Oncology)

Numbers of weeks per year an ACVR-RO Diplomate is available to resident on a daily basis.

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4. Do you have a radiation oncology resident in training at this time?

Yes	No
X	

5. Name of resident(s)

Elias Gumpel, DVM

Is/are the resident(s) in an approved Standard program or an Alternative program:

Standard	Alternative
X	

6. Dates of training program (Please list only those dates of the actual training program. Time spent by the resident at your facility prior to beginning or following the completion of the actual training program should not be included.)

Dates of training program for resident (1) (mm/dd/yy)

7-1-2009 to 6-30-2011

Dates of training program for resident (2) (mm/dd/yy)

7. Location of Primary Institution

Primary Site:

Gulf Coast Veterinary Specialists

Department

Hospital/University

1111 W Loop South, Suite 120

Address

Houston, TX 77027

City, State Zip Country

8. Cooperating Institution(s) (If applicable):

Department

Hospital/University

Address

City, State, Zip, Country

For cooperating institutions, attach letters of agreement signed on behalf of the institution(s) by appropriate individual(s).

9. Length of Training Program (months):

If greater than 2 years, will this period include 24 months of continuous training in radiation oncology?

Yes	No

10. Number of months dedicated solely to radiation oncology training (excluding time on Medical Oncology service, Radiology/Imaging, etc.)

11. Advanced Degree:

	Yes	No	Optional
Masters:		X	
PhD:		X	

12. Essential Program Faculty: individual faculty member may serve in only one capacity

Please list all qualified faculty in support of program

a. Diagnostic Radiologist(s): (Must be Diplomate(s) of the ACVR)

Michelle H. Fabiani, DVM, DACVR

Number of weeks per year an ACVR – Radiology diplomate is available to resident on a daily basis.

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Faculty member on site?

Yes	No
X	

If off site, please explain relationship.

b. Medical Oncologist(s): (must be Diplomate(s) of ACVIM, Specialty of Oncology)

Janet Carreras, VMD, Diplomate ACVIM (Medical Oncology)
Pam Jones, Diplomate ACVIM (Medical Oncology)

Number of weeks per year an ACVIM-Oncology Diplomate is available to resident on a daily basis.

52

Faculty member on site?

Yes	No
X	

If off site, please explain relationship

c. Surgeon(s): (must be Diplomate(s) of the ACVS)

Heidi Hottinger, DVM, ACVS
Sue Hunter, DVM, ACVS

Number of weeks per year an ACVS faculty member is available to resident on a daily basis.

52

Faculty member on site?

Yes	No
X	

If off site, please explain relationship.

d. Pathologist(s): (must be Diplomate(s) of the ACVP)

Robert Green, DVM, ACVP

Number of weeks per year an ACVP faculty member is available to resident on a daily basis.

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Faculty member on site?

Yes	No
X	

If off site, please explain relationship.

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Please list all additional board certified specialists in direct support of the program. If offsite, please explain relationship.

Name	Certifying College / Board
Kevin A. Hahn – consultant, former medical oncology director who will teach tumor biology via on-site and distance-based online methods.	ACVIM (Oncology)
Carley Abramson – On site	ACVIM (Neurology)
Derek P. Burney – On site	ACVIM (Internal Medicine)
Cole Robinson, M.S. – Senior clinical physicist at UT MD Anderson Cancer Center who reviews all RT dosimetry plans at our hospital. Resident will have direct interaction with him.	American Board of Radiology (Physics)
Ronald Burk – Radiation oncologist in Florida that the resident will have a rotation with during the residency.	ACVR (Radiology & Radiation Oncology)
Cheryl Harris – Internist & medical oncologist at our Dallas location that the resident will rotate through.	ACVIM (Internal Medicine & Medical Oncology)
David S. Rolfe – Internist at our Dallas location that the resident will rotate through.	ACVIM (Internal Medicine)

13. How does resident receive training in Medical Oncology? What is time allotted for this training. Please provide description of formal and informal training experiences?

The resident will spend 2 months dedicated solely to medical oncology training at Gulf Coast Veterinary Specialists under the supervision of Dr. Carreras and Dr. Jones. Training will involve seeing patients with the medical oncologist(s) on duty, participating in diagnostic and treatment plans for patients, and participation in daily oncology rounds.

14. How is resident trained in diagnostic imaging? What is time allotted for this training. Please provide description of formal and informal training experiences?

The resident will spend 2 months dedicated solely to diagnostic imaging training at Gulf Coast Veterinary Specialists under the supervision of Dr. Fabiani. The resident will participate in the diagnostic radiology residency rounds and training sessions. Imaging modalities available on-site include digital radiography, fluoroscopy, ultrasound, CT, MRI and nuclear medicine.

15. How is resident trained in radiation biology? Please provide description of formal and informal training experiences?

The resident will attend an on-site radiation biology class taught by Dr. Pam Jones and Dr. Glen King.

16. How is resident trained in cancer biology? Please provide description of formal and informal training experiences?

The resident will be taught via distance-based online instruction and on-site lectures conducted by Dr. Hahn. Oral and written examinations will be administered.

17. How is resident trained in radiation oncology physics? Please provide description of formal and informal training experiences?

The resident will attend didactic classes taught by Dr. Wendell Lutz at the beginning of the 2 year residency along with a radiation oncology physics review with Dr. Lutz at the end of the residency period. The resident will interact with Cole Robinson, senior physicist at UT MD Anderson Cancer Center, who reviews all clinical RT dosimetry plans at our hospital.

18. Please list any formal courses and their instructors included in the residency training curriculum. Please attach syllabi and instructor credentials for each listed course.

Radiation therapy physics	Wendell Lutz, PhD	CV attached
Radiation Biology	Pam Jones, DVM	CV attached

19. Does the resident participate in clinical rounds on a daily basis while on clinical rotations? Is a supervising Diplomate available for the majority of rounds? If no, please describe how rounds are attended and supervised.

Yes	No
X	
Comments:	Hospital rounds are held daily and oncology rounds are held each morning. A supervising diplomate is scheduled to attend all rounds.

20. Are formal conferences, such as clinicopathologic conferences, journal clubs, or seminars held on a weekly basis?

Yes	No
X	
Comments:	A journal club is held each week, intern/resident lectures are presented monthly on a rotating basis by every specialty in the hospital. New radiation treatment plans are evaluated weekly. The resident will be required to attend oncology lectures along with any other relevant lectures and presentations.

21. Please provide a description of the conferences, etc., that are provided and the typical schedule.

See above

22. Is the resident required to give one or more formal presentations at a conference or in an educational setting on a yearly basis? If yes, please describe these conferences or educational settings.

Yes	No
	X

Comments:	A presentation is not required for this residency, though it is encouraged.
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23. How many major veterinary medical or medical meetings is each resident able to or expected to attend during his/her training program? Please list the meetings attended.

None	One	Two	> Two
			X

Comments:	ACVR, VCS, ASTRO
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24. Does the training program require a research project? Please indicate the number of research projects required.

Yes	No	Optional	Number
		X	

Comments:	Not required but encouraged
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25. Are one or more publications required as part of the training program?

Yes	No	Number
	X	

Comments:	Not required but encouraged
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26. Please indicate the availability of the following facilities or equipment. Indicate if these are available at the primary training site, or at a different location. For facilities that are not on-site, please describe the situation and availability in the space at the end of this section.

Equipment / Service	Available?		On-Site?	
	Yes	No	Yes	No
Megavoltage Teletherapy Machine Please specify manufacturer and model: Siemens 6740 – Houston and Dallas locations	X		X	
3D - Computer based treatment planning system Please specify manufacturer and model: Toplane WiMRT Planning Software	X		X	
2D/2.5 D - Computer based treatment planning system Please specify manufacturer and model: Toplane WiMRT Planning Software	X		X	
LDR Brachytherapy treatment and planning		X		X
HDR Brachytherapy treatment and planning		X		X
Diagnostic Radiology / Imaging Services	X		X	
Conventional Radiography	X		X	
Fluoroscopy	X		X	
Ultrasound	X		X	
Nuclear Medicine	X		X	
Computed Tomography	X		X	
Magnetic Resonance Imaging	X		X	
Positron Emission Tomography		X		X
Intensive Care Facility - 24 hours	X		X	
Clinical Pathology capabilities: (includes CBC, serum chemistries, blood gases, urinalysis, cytology, parasitology, microbiology, and endocrinology)	X		X	
Veterinary Library w/Literature Searching Capabilities	X			X
Medical Library w/Literature Searching Capabilities	X			X

27. If any of the above equipment or facilities are available off-site, please explain how the resident can access them for case management, research, or study.

The medical school library at the University of Texas MD Anderson Cancer Center is available for study, research and literature searches.

28. Please list numbers of patients treated in the last 12 months using the listed radiation treatment modalities.

Modality	Number Treated
Megavoltage Gamma / X-ray Teletherapy	>250
LDR Brachytherapy	0
HDR Brachytherapy	0
Injectable Radionuclide therapy	
Radioiodine	116
Other (please specify)	0
⁹⁰ Strontium Pleiotherapy	0
Other - please specify	0

29. Describe procedures for resident record recording of radiation treatment details of all patients.

Each patient has its own radiation therapy record generated and maintained which includes treatment plans, dose prescriptions, pictures, and treatment logs.

30. What procedures are in place to facilitate collection of follow up information of patients treated?

A computerized medical records system is in place with searching capabilities. The resident shall be required to maintain a log of all patients treated throughout their residency along with follow-up information kept separately.

31. By what mechanisms and how often are residents evaluated? Please attach form used in this evaluation (required).

The resident shall be evaluated annually. The evaluation form to be used is attached.

32. Please list the residents who have completed the training program including the year that each individual's training program ended. If at all possible, please provide an address, and any information you have on the status of each individual with respect to the board certification process.

Dee Harris-King	1996	Board-certified in 1998
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33. Please list any additional information of interest in support of this residency re-accreditation application.

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Attachments:

Please attach the following documents to the application if applicable. Please mark box to indicate which documents are included. Please list any additional documents attached in support of this application.

Attached?	Documents
X	Twenty-four (24) month calendar of resident's activities - Required
X	CV - ACVR-RO Diplomate - Program Director(s) - Required
X	CV - ACVR-R Diplomate(s) - Required
X	CV - ACVIM-O Diplomate(s) - Required
X	Syllabi of formal course work included in the training program - Required
X	Credentials of instructors providing formal course work - Required
X	Forms used in resident evaluation - Required
X	Letters of agreement from cooperating institutions - Required

Gulf Coast Veterinary Specialists

Radiation Oncology residency schedule by month

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>
<u>RadOnc</u>	X	X	X	X	X	X	X	X				X
<u>MedOnc</u>										X	X	
<u>Imaging</u>									X			

	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
<u>RadOnc</u>	X	X	***	X	X		X	X	X	***	X	X
<u>MedOnc</u>												
<u>Imaging</u>						X						

***** Time allotted for research or individual study**

The following schedule will be completed during the course of the 2 year residency, however it may be necessary to switch some months around in order to accommodate the schedules of the radiologists and medical oncologists.

Resident Physics Course Syllabus

	Khan	Bentel
1) Structure of Matter	1-11	1-15
2) Electron Energy Loss – X-ray production	32-34, 38-43	
3) Interaction of Photons with Matter	71-90	
4) Interactions continued...		
5) Dose, Radiation Measurements	94-102, 106-108	32-36
6) Radiation Measurements continued...		
7) Treatment Machines Co-60 Teletherapy Linacs, Orthovoltage	45-48, 51-57 62-66	16-31
8) Central Axis Dose Calculations for Co-60, Linacs, Orthovoltage PDD, TMR, TAR	176-190, 193-196	36-58
9) Central Axis Dose Calculations continued S, Sc, Sp, BSF Calibration Factor, Eq Sq	200-210	59-78
10) Central Axis Dose Calculations Extended Distance		79-97
11) Basics of Treatment Planning External Beams	Chap. 11	Chap. 6
12) Basics of Treatment Planning continued	Chap. 12	
13) Basics of Treatment Planning continued	Chap. 13	Chap. 7
14) Treatment examples Human and Animal		
15) Electron Beam Planning	Chap. 14	53-54
16) CT Planning, Plan Evaluation DVH, TCP, NTCP		
17) Radioactivity	12-26	29-31

Resident Physics Course Syllabus – continued

18) Radionuclides used in Brachytherapy Types of Implants	Chap. 15	Chap. 15
19) Approaches to Brachytherapy Interstitial & Intracavitary High Dose Rate		Chap. 16
20) Fractionation Time-Dose Relationships	ref. Orton	
21) Fractionation, continued...		
22) Diagnostic X-Rays and CT	32-44, 272-75	Huda
23) MRI and Ultrasound	269-275	Huda
24) Nuclear Medicine Tc-99, Anger (Gamma) camera		Huda
25) Special Treatment Techniques Radiosurgery, TBI, Intraoperative		
26) Radiation Safety Standards and Barriers	Chap. 16	

Resident Radiation and Cancer Biology

Texts: Radiation Biology for the Radiologist – Hall
Medical Radiobiology – Travis
Introduction to Radiobiology – Tubiana
Tannock and Hill

- 1) Review of Cell Biology
- 2) Basic Biologic Interactions of Radiation
- 3) DNA Strand Breaks and Chromosomal Aberrations
- 4) Cellular “Radiosensitivity”
- 5) Tissue Response to Radiation
- 6) Cell Survival Curves
- 7) Radiation Pathology
- 8) Repair of Radiation Damage
- 9) Oxygen Effect and Reoxygenation
- 10) LET and RBE
- 11) Acute Effects
- 12) Late Effects
- 13) Cataractogenesis
- 14) Radioprotectors
- 15) Radiosensitizers
- 16) Effects of Radiation on Embryo and Fetus
- 17) Doses and Risks in Diagnostic Radiology
- 18) Radiation Protection
- 19) Mechanisms of Carcinogenesis
- 20) Molecular Techniques
- 21) Time, Dose, and Fractionation

22) Alternative Radiation Modalities

23) Chemotherapy

24) Hyperthermia

Evaluation

Resident: _____ **Review Period:** _____ **to** _____

PART I:

Performance Standards	Results	Rating
Leadership- <ol style="list-style-type: none"> 1. Inspires appropriate conduct and attitude among fellow residents 2. Plays a guiding role in rounds, didactic activities, discussions, and group meetings 3. Aids in guiding fellow employees to the appropriate plan of action in case management 4. Displays maturity and professionalism 5. Is a good role model with a positive attitude 6. Able to offer solutions to perceived problems as well as identify problems 		Greatly exceeded standard <input type="checkbox"/> Exceeded the standard <input type="checkbox"/> Met the standard <input type="checkbox"/> Did not meet the standard <input type="checkbox"/>
Initiative- <ol style="list-style-type: none"> 1. Consistently searches the literature for new ideas in case management 2. Searches the literature for answers to questions generated from discussions and questions of the day 3. Consistently presents their own assessment and plan when presenting cases in rounds or to supervising diplomate 4. Looks for answers to questions with ideas for independent research projects 5. Involved in independent research project <ul style="list-style-type: none"> - Willingly accepts new cases 		Greatly exceeded standard <input type="checkbox"/> Exceeded the standard <input type="checkbox"/> Met the standard <input type="checkbox"/> Did not meet the standard <input type="checkbox"/>
Contribution- <ol style="list-style-type: none"> 1. Actively participates in rounds, seminars, and didactic activities by contributing to discussions and presenting lectures when called upon 2. Actively participates in teaching junior residents, interns, and externs 3. Participates in guiding and teaching staff through seminars and discussions 4. Supports fellow residents in case management and procedures 5. Assists willingly in managing hospital cases 6. Able to work in a team atmosphere 		Greatly exceeded standard <input type="checkbox"/> Exceeded the standard <input type="checkbox"/> Met the standard <input type="checkbox"/> Did not meet the standard <input type="checkbox"/>
Judgment- <ol style="list-style-type: none"> 1. Shows appropriate decision making in case management 2. Knows when to ask for assistance from other specialists 3. Interacts with staff in a fair and reasonable way 4. Able to communicate with clients and referring veterinarians in a fair and responsible way 		Greatly exceeded standard <input type="checkbox"/> Exceeded the standard <input type="checkbox"/> Met the standard <input type="checkbox"/> Did not meet the standard <input type="checkbox"/>

<p>Performance –</p> <ol style="list-style-type: none"> 1. Demonstrates ability to evaluate and manage complex internal medicine and critical care cases 2. Shows proficiency in performance of the various procedures and technical skills commonly employed in internal medicine 3. Demonstrates ability to compose and present lectures for formal seminars and classroom teaching 4. Consistently presents cases in rounds in an organized, systematic fashion to include problem identification, assessment, and plan 5. Is routinely on time and prepared for rounds and didactic activities 6. Medical records are completed in an accurate and timely fashion 7. Communicates with clients and referring veterinarians in a timely fashion with clarity and respect 		<p>Greatly exceeded standard <input type="checkbox"/></p> <p>Exceeded the standard <input type="checkbox"/></p> <p>Met the standard <input type="checkbox"/></p> <p>Did not meet the standard <input type="checkbox"/></p>
<p>Knowledge-</p> <ol style="list-style-type: none"> 1. Demonstrates adequate medical knowledge for current level of training 2. Ability to consistently identify and work through medical problems in a systematic, logical fashion 3. Understands the indications and methodology regarding the various procedures routinely performed in internal medicine 		<p>Greatly exceeded standard <input type="checkbox"/></p> <p>Exceeded the standard <input type="checkbox"/></p> <p>Met the standard <input type="checkbox"/></p> <p>Did not meet the standard <input type="checkbox"/></p>
<p>Attitude-</p> <ol style="list-style-type: none"> 1. Demonstrates enthusiasm, care, and concern towards coworkers, clients, and patients 2. Willing to assist without complaint 3. Accepts constructive feedback without resistance 4. Is respectful and professional with all staff members, clients, and referring veterinarians 5. Maintains a positive attitude 		<p>Greatly exceeded standard <input type="checkbox"/></p> <p>Exceeded the standard <input type="checkbox"/></p> <p>Met the standard <input type="checkbox"/></p> <p>Did not meet the standard <input type="checkbox"/></p>

PART II: Summary of Overall Performance

Part I and Part II weighted together for overall performance.

- Greatly exceeded standard
- Exceeded the standard
- Met the standard
- Did not meet the standard

PART III: Development Plan

A. For improvement, the following actions have been discussed:

PART IV: Performance Plan

The objectives agreed upon to meet for the next evaluation.

1. _____

2. _____

3. _____

4. _____

PART V: Signatures

Resident

Date

(I acknowledge that this form has been reviewed. It does not imply agreement or disagreement with content.)

Resident Advisor

Date

(I hereby certify that this appraisal was reviewed.)

Program Director

Date

(I hereby certify that this appraisal was conducted objectively and to the best of my judgment.)

GLEN K. KING, DVM, MS
Diplomate ACVR, (Radiology & Radiation Oncology)

1111 West Loop South, Suite 120
Houston, TX 77027
713-693-1166

Employment

1987 – Present	President, Veterinary Cancer Associates Inc.
1994 – Present	Director, Gulf Coast Veterinary Oncology Gulf Coast Veterinary Specialists 1111 West Loop South, Suite 150 Houston, TX 77027 (713)693-1166

Professional Appointments

1980-1981	Assistant Professor School of Veterinary Medicine Louisiana State University
1982-1986	Assistant Professor University of Texas M.D. Anderson Cancer Center Houston, TX

Post-Doctoral Training

1976-1979	Veterinary Radiology Residency Texas A+M University, College of Veterinary Medicine College Station, TX
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Education Veterinary Medicine

1972-1976	Doctor of Veterinary Medicine Auburn University, School of Veterinary Medicine
1970-1972	Bachelor of Science Dairy Science Mississippi State University Mississippi State, MS
1977-1980	Master of Science Veterinary Clinical Medicine Texas A&M University, College of Veterinary Medicine Texas A&M University, College of Veterinary Medicine

Professional Associations

Texas Veterinary Medical Association
Harris County Veterinary Medical Association
American Veterinary Medical Association
American College of Veterinary Radiology
American Society for Therapeutic Radiology and Oncology

Professional Activities

1987-Present President, Veterinary Cancer Associates
1988-2000 Member Texas Radiation Advisory Board
1999-2000 Vice-Chairman Texas Radiation Advisory Board

Book Chapters

Camera Artifacts and Quality Control
Editor, Veterinary Clinics of North America, Radiation Oncology

Publications

29 publications in current veterinary journals

Scientific Presentations

Scientific presentations have been given over the last 15 years to various groups including National meetings (ACVIM, ACVR, VCS), State and local VMA meetings.

Michelle H. Fabiani, DVM, Diplomate ACVR

**1111 West Loop South, Suite 130
Houston, TX 77027
713-693-1177**

Education

Gulf Coast Veterinary Diagnostic Imaging, Radiology Residency,
1999 - 2001

Texas A&M College of Veterinary Medicine, Doctorate of Veterinary Medicine,
1989 - 1993

Texas A&M College of Veterinary Medicine, Bachelor of Veterinary Science,
Awarded December 1991

Employment

Dark Horse Teleradiology: 2005 – Present
Telemedicine film reading.

Sound Technologies: 2004 – Present
Telemedicine film reading.

Gulf Coast Veterinary Diagnostic Imaging: 1999 – Present
Staff Radiologist.

Houston Veterinary Services: 1999 – 2001
Emergency veterinary services.

Veterinary Emergency Referral Group, Inc: 1995 – 1998
Emergency veterinary services.

Montrose Veterinary Clinic: 1993 - 1998
General veterinary practice.

Professional Affiliations:

American College of Veterinary Radiology

American Veterinary Medical Association

Harris County Veterinary Medical Association

Publications and Abstracts

Rovesti GL, Biasibetti M, Schumacher A, Fabiani MH: The use of computed tomography in the diagnostic protocol of the elbow in the dog: VCOT, issue 1, 2002

Fabiani MH, Poteet BP, Voges A, Jarboe J: Comparison of degree of angulation of oblique images for localization of extradural compressive lesions secondary to intervertebral disc herniation in the thoracolumbar spine, abstract ACVR annual meeting, August 2001

Poteet BP, Fabiani MH, Sloan C: Perchlorate discharge test and ¹²³Iodine uptake in a congenitally hypothyroid puppy, abstract ACVR annual meeting, August 2001

Francis JA, Poteet BA, Fabiani MH, Potential for aerosolization of I-131 once excreted in feline urine, abstract ACVR annual meeting, August 2006

Pamela D. Jones

1393 N. Quail Ln
Gilbert, AZ 85233
(520) 990-9229
pjones@azvs.com

Objective:

To diversify my experiences in clinical oncology and oncology related research and maintain highest quality of patient care.

Education:

Southwest Veterinary Oncology – Tucson, Arizona

Residency in Radiation Oncology
Completed September 1, 2004

University of Illinois – Urbana, Illinois

Residency in Medical Oncology
Completed June 30, 2002

Colorado State University - Ft. Collins, Colorado

Doctor of Veterinary Medicine, Cum Laude
May 15, 1998

Northern Arizona University - Flagstaff, Arizona

Bachelor of Science, Cum Laude, Zoology
December 1996

Career Related Experience:

Nov 2005 - Present Texas Veterinary Oncology, Capital Area Veterinary Specialists – Austin, Texas

Radiation and Medical Oncologist

- Daily receiving, patient evaluation and diagnostic work-up
- Patient treatment and follow-up care
- Radiation planning and treatment implementation
- Radiation safety officer ensuring all aspects of radiation safety and compliance with in the specialty hospital
- Referral veterinarian consultations

Sept 2004 - Present Southwest Veterinary Oncology, Arizona Veterinary Specialists – Gilbert, Arizona

Radiation and Medical Oncologist

- Daily receiving, patient evaluation and diagnostic work-up
- Patient treatment and follow-up care
- Radiation planning and treatment implementation
- Radiation safety officer ensuring all aspects of radiation safety and compliance with in the specialty hospital
- Teaching, training, and evaluation of radiation and medical oncology residents
- Referral veterinarian consultations and teaching continuing education courses

- July 2002 –Sept 2004 Southwest Veterinary Oncology, Southern Arizona Veterinary Specialists – Tucson, Arizona
 Medical Oncologist and Radiation Oncology Resident
- Daily receiving, patient evaluation and diagnostic work-up
 - Patient treatment and follow-up care
 - Teaching and evaluation of veterinary interns
 - Radiation training includes patient assessment, treatment planning and related course work
- July 1999 – June 2002 University of Illinois - Urbana, Illinois
 Medical Oncology Resident
- Daily receiving, patient evaluation and diagnostic work-up
 - Teaching and evaluation of veterinary students and interns
 - Research and clinical course work in conjunction with Master's training
- July 1998 – June 1999 Sonora Veterinary Specialists - Phoenix, Arizona
 Veterinary Intern
- Daily one to one interaction with specialists in surgery and internal medicine/oncology
 - Patient follow-up and assessment during recheck visits
 - Overnight critical care of patients including patient assessment, management, and treatment
 - Weekly journal club meetings to master the critical evaluation of current literature and research
 - Seminar presented January 1999 to the Central Arizona Veterinary Medical Association – "Feline Hyperthyroidism – Treatment Dilemmas"
 - Seminar presented April 1999 to the Central Arizona Veterinary Medical Association - "Review of Cortisol-Secreting Adrenal Tumors"
 - Clinical out rotations including clinical pathology, radiation oncology, dermatology, and emergency and critical care
- Jan 1995 – June 1998 H & K Dairy - Ft. Collins, Colorado
 Dairy Product Technician
- Performed all phases of milk production and food animal production, primary animal health care and herd assessment
 - Implemented feeding and nutrition practices in calf care and management operations
 - Strengthened a complete and comprehensive artificial insemination breeding program
- June 1996 – June 1997 Novartis Animal Health - Greensboro, North Carolina
 Student Pharmaceutical Representative
- Organized seminars informing students of the products and services available
 - Assisted in the training of students during wet labs
 - Acted as the liaison between students and the parent company in relaying information
 - Fielded questions and performed research to obtain answers to veterinary student concerns and inquiries about the products, services, and research of the parent company

- Aug 1994 – June 1997 Colorado State University Veterinary Teaching Hospital Critical Care Unit - Ft. Collins, Colorado
VECCS Student Volunteer
- Administered patient treatments and updated patient records and ICU flow charts
 - Monitored patients in the critical care unit, including anesthetic recovery, trauma, and medicine patients
 - Assisted in the triage and assessment of patients presented to CCU, including initial diagnostics and stabilization

- Summer 1996 Emergency Animal Clinic - Phoenix, Arizona
Veterinary Student Extern
- Assisted staff veterinarians in stabilizing patients and performing initial diagnostics and case work ups of emergency patients
 - Evaluated laboratory data and made decisions regarding initial patient care, treatment and prognosis
 - Performed castrations and ovariohysterectomies on all strays presented to the clinic to prepare them for adoption
 - Assisted in the screening and collection of blood from donor animals
 - Placed IV catheters, thoracotomy tubes, nasal insufflation tubes, penrose drains, splints and casts

- Oct 1987 – Jan 1995 Kaibab Veterinary Clinic - Flagstaff, Arizona
Veterinary Technician
- Performed primary animal treatment and care including triage assessment, stabilization, and emergency care
 - Became proficient at laboratory diagnostics including in house serum biochemistries, CBC, fecal flotation and cytology, antigen testing, and urinalysis dipstick and cytology
 - Developed skills in patient positioning, exposure, and processing of high quality radiographs for patient assessment, diagnosis, and treatment
 - Prepared patients for surgery including preop anesthesia and induction, monitoring, surgically assisting, and performing dental scaling, polishing and extractions
 - Educated clients in preventative health care, nutritional health recommendations, and products and services
 - Prioritized and coordinated daily surgical schedule

Bench Research Experience:

- Jan 1993 – May 1994 Northern Arizona University - Flagstaff, Arizona
Undergraduate Research Assistant
- Isolated phototaxic mutants of *Chlamydomonas monoica* for further use in genetic studies
 - Developed investigative protocols for the isolation of phototaxic mutants, standard plate counts, growth enhancement, media preparation, and aseptic technique

Publications:

- Vaccine-associated sarcomas in cats: Applying the latest research to practice (Veterinary Medicine, January 2002).
- Gemcitabine as a radiosensitizer for non-resectable feline oral squamous cell carcinoma. Journal of the American Animal Hospital Association, 2003; 39(5):463-467.

Professional/Scientific Lectures:

- "Feline Hyperthyroidism – Treatment Dilemmas", January 1999, Central Arizona Veterinary Medical Association – Phoenix, Arizona
- "Review of Cortisol-Secreting Adrenal Tumors", April 1999, Central Arizona Veterinary Medical Association – Phoenix, Arizona
- "The Use of Hyperthermia in Oncology", October 1999, 80th Annual Fall Conference for Veterinarians – Urbana, Illinois
- "Feline Hyperthyroidism – Treatment Options and Dilemmas", October 2000, 81st Annual Fall Conference for Veterinarians – Urbana, Illinois
- "Nutritional Assessment of Dogs and Cats Receiving Radiation Therapy at University of Illinois Cancer Care Clinic", October 2000, Veterinary Cancer Society 20th Annual Conference – Pacific Grove, California
- "Nutritional Assessment of Dogs Receiving Radiation Therapy at University of Illinois Cancer Care Clinic", October 2000, Purina Nutrition Forum – St. Louis, Missouri
- "Feline Cancer", October 2000, Parkland College Veterinary Technical Program –Champaign, Illinois
- "Head and Neck Cancer – Only the Beginning", October 2001, 82nd Annual Fall Conference for Veterinarians – Urbana, Illinois
- "Gemcitabine as a Radiosensitizer for Non-resectable Feline Oral Squamous Cell Carcinoma", October 2001, Veterinary Cancer Society 21st Annual Conference – Baton Rouge, Louisiana
- "Nutrition and Cancer", October 2001, Purina Nutrition Forum – St. Louis, Missouri
- "Critical Care of the Oncologic Patient", February 2002, Illinois State Veterinary Medical Association Annual Meeting – Chicago, Illinois
- "Diagnostic and Treatment Approaches in Oncology", February 2002, Greater Chicago Suburban Pathology Group – Chicago, Illinois
- "Managing Feline Cancer," November 2002, Referring veterinary practitioners meeting – Tucson, Arizona
- "Chemotherapy", "Radiation Therapy", and "Dealing with Cancer Patients and Their Owners", March 2003, First International Sonora-Arizona Conference – Hermisillo, Sonora, Mexico
- "Radiation Therapy – What we can cure and control", April 2003, Arizona Veterinary Medical Association Small Animal Specialist Meeting – Phoenix, Arizona
- "Basic Oncology: Principles of Radiation Oncology", Veterinary Information Network Online Continuing Education Course – February 2004 to April 2004.
- "Feline Hyperthyroidism and Nuclear Medicine Imaging and Treatment" , July 2005, Arizona Veterinary Specialists Monthly CE – Gilbert, Arizona
- "Oral Tumors – Advanced CT Imaging and Therapeutic Options", August 2005, Arizona Veterinary Specialists Monthly CE – Gilbert, Arizona

- “Feline Hyperthyroidism and Nuclear Medicine Imaging and Treatment”, November 2005, Southwest Veterinary Referral Center Monthly CE – Glendale, Arizona
- “Common Canine Cancers” and “Dealing With Cancer Patients and Their Owners”, January 10, 2006, Central Texas Veterinary Medical Association – Austin, Texas
- “Multimodal Treatment of Soft Tissue Sarcomas”, January 31, 2006, Arizona Veterinary Specialists' Evening with the Specialists – Phoenix, Arizona
- “Common Cancers – Novel Treatment Options”, February 23, 2006, Western Veterinary Conference, 8 hours of CE – Las Vegas, Nevada
- “Oral Tumors – Advanced CT Imaging and Therapeutic Options”, March 2006, Southwest Veterinary Referral Center Monthly CE – Glendale, Arizona
- “Feline Hyperthyroidism – Diagnostics, Treatment Options, and Case Studies”, April 4, 2006, Arizona Veterinary Medical Association CE – Phoenix, Arizona
- “Injection Site Sarcomas – An update,” December 2007, Merial Sponsored CE – Scottsdale, Arizona
- “Oral Tumors – Two Heads are Better than One” - September 2007, Arizona Veterinary Medical Association CE – Scottsdale, Arizona
- “What, Where, and How of Cancer – Practical Oncology for Practical Veterinarians,” April 9, 2008, Arizona Veterinary Specialists Quarterly CE – Scottsdale, Arizona
- “Current Trends in Pain Management,” April 25, 2008, Merial Sponsored CE – Napa Valley, California
- “Is there cancer in my favorite dog breed?” June 29, 2008, Public education lecture sponsored by local Italian Greyhound and Whippet associations – Phoenix, Arizona

Professional Organizations / Leadership Positions:

American College of Veterinary Internal Medicine, Diplomate, Medical Oncology
 American College of Veterinary Radiology – Diplomate, Radiation Oncology
 Veterinary Cancer Society – active member
 Osteosarcoma Symposium – Conference Scientific Chairman
 Arizona Veterinary Medical Association – active member
 AVMA - active member
 Student Veterinary Organizations
 VECCS - 1996-97 President, Senior Class Representative, committee chair
 AAHA - 1996-97 Vice-President, Senior Class Representative
 SHARE - Students for Human/Animal Relationship Education - active member
 Veterinary license held in the state of Arizona (Lic #3565)
 Veterinary license held in the state of Texas (Lic#10301)

Awards and Achievements:

Iams/VECCS Award for Excellence in Veterinary Emergency and Critical Care Medicine
 Gary Brett Williams Memorial Scholarship for academic achievement
 Robert W. Davis Memorial Scholarship for excelling in anatomy
 Member of Colorado Theta Chapter of Phi Zeta - National Honor Society in Veterinary Medicine
 Undergraduate Honors include Member Alpha Lambda Delta Honor Fraternity, National Dean's List, Dean's Honor List, Outstanding Senior, Junior, and Sophomore Scholar

Janet K. Carreras VMD, DACVIM(O)

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EDUCATION

INTERNATIONAL VETERINARY ACUPUNCTURE SOCIETY Certified in Veterinary Acupuncture	San Diego, CA February 2002
VETERINARY TEACHING HOSPITAL, University of Pennsylvania Residency in Oncology	Philadelphia, PA 1999 to 2001
VETERINARY TEACHING HOSPITAL, University of Pennsylvania Internship in Small Animal Medicine and Surgery	Philadelphia, PA 1998 to 1999
SCHOOL OF VETERINARY MEDICINE, University of Pennsylvania Veterinariae Medicinae Doctoris	Philadelphia, PA May 1998
COLLEGE OF THE HOLY CROSS Bachelor of Arts in Chemistry with Honors	Worcester, MA May 1993

POSITIONS HELD

VETERINARY CANCER ASSOCIATES, Gulf Coast Veterinary Specialists Veterinary Medical Oncologist	Houston, TX 2002 to Present
VETERINARY TEACHING HOSPITAL, University of Pennsylvania Emergency Service Technician/ Nurses' Assistant/ Volunteer	Philadelphia, PA 1994-1998
SCHOOL OF VETERINARY MEDICINE, University of Pennsylvania DEPARTMENT OF CLINICAL STUDIES Research Assistant (<i>Supervised by Dr. Sydney Evans</i>) Studied the toxicological and pharmacological effects of intratumoral and intravenous administration of carboplatin in normal feline models and cats affected with oral squamous cell carcinoma.	Philadelphia, PA Winter, 1996
SCHOOL OF MEDICINE, University of Pennsylvania DEPARTMENT OF RADIATION ONCOLOGY Merck Summer Research Program (<i>Supervised by Dr. Sydney Evans and Dr. Cameron Koch</i>) Utilized feline and rodent models to assess pharmacokinetics and <i>in vivo</i> binding patterns of the hypoxic cell labeling, 2-Nitroimidazole drug, EF-5, in both normal and neoplastic tissues.	Philadelphia, PA Summers 1995/1996

SOCIETY MEMBERSHIPS

MEMBER OF AMERICAN COLLEGE OF VETERINARY INTERNAL MEDICINE	2003-Present
MEMBER OF TEXAS VETERINARY MEDICAL ASSOCIATION	2003-Present
MEMBER OF VETERINARY CANCER SOCIETY	1999-Present
MEMBER OF AMERICAN VETERINARY MEDICAL ASSOCIATION	1998-Present
MEMBER OF INTERNATIONAL VETERINARY ACUPUNCTURE SOCIETY	2003-2005

HONORS AND AWARDS

AMERICAN COLLEGE OF VETERINARY SURGEONS SMALL ANIMAL SURGERY PRIZE, 1998
School of Veterinary Medicine, University of Pennsylvania

DEAN'S LIST, ACADEMIC YEARS 1997 AND 1998
School of Veterinary Medicine, University of Pennsylvania

1996 RESEARCH PAPER AND PRESENTATION AWARD, VMD CANDIDATE: FIRST PLACE
Phi Xeta Honor Society of the School of Veterinary Medicine, University of Pennsylvania

PUBLICATIONS

Axiak SM, Carreras JK, Hahn KA, Endicott MM, Parshley DE, King GK. Hematologic changes associated with half-body irradiation in dogs with lymphoma. J Vet Intern Med. 2006;20(6):1398-401.

Risbon RE, de Lorimier LP, Skorupski K, Burgess KE, Bergman PJ, Carreras JK, Hahn K, Leblanc A, Turek M, Impellizeri J, Fred R 3rd, Wojcieszyn JW, Drobotz K, Clifford CA. Response of canine cutaneous epitheliotropic lymphoma to lomustine (CCNU): a retrospective study of 46 cases (1999-2004). J Vet Intern Med. 2006;20(6):1389-97.

Hahn KA, King GK, **Carreras JK**. Efficacy of radiation therapy for incompletely resected grade-III mast cell tumors in dogs: 31 cases (1987-1998). *J Am Vet Med Assoc* 2004;224:79-82

Carreras JK, Goldschmidt M, Lamb M, McLearn RC, Drobatz KJ, Sorenmo KU. Feline epitheliotropic intestinal malignant lymphoma: 10 cases (1997-2000). *J Vet Intern Med.* 2003;17(3):326-31.

Carreras JK, Sorenmo KU. Neoplasms of the Cranial Mediastinum and Pleura. In: Lesley G. King, ed. *Textbook of Respiratory Disease in Dogs and Cats*, St. Louis, Saunders, 2003: 634-642.

Hahn KA, **Carreras JK**. Chondrosarcoma, nasal and paranasal sinuses. In: Larry P. Tilley and Francis W. K. Smith. Jr., eds. *Five minute veterinary consult, canine and feline*, 3rd Ed. Philadelphia, Lippincott, Williams and Wilkins, 2003: 226.

Hahn KA, **Carreras JK**. Adenocarcinoma, nasal. In: Larry P. Tilley and Francis W. K. Smith. Jr., eds. *Five minute veterinary consult, canine and feline*, 3rd Ed. Philadelphia, Lippincott, Williams and Wilkins, 2003: 27.

Hahn KA, **Carreras JK**. Squamous cell carcinoma, nasal and paranasal sinuses. In: Larry P. Tilley and Francis W. K. Smith. Jr., eds. *Five minute veterinary consult, canine and feline*, 3rd Ed. Philadelphia, Lippincott, Williams and Wilkins, 2003: 1224.

Turner AI, Hahn KA, King GK, **Carreras JK**. Mitoxantrone, piroxicam and external beam radiation therapy in the treatment of canine bladder tumors, 15 cases (2001-2003). Presented at the 23rd Veterinary Cancer Society Conference, Madison, Wisconsin, 2003.

Clifford CA, Kraus MS, Gelzer A, Sleeper M, Craig L, Barber LG, Baez JL, **Burke JK**, Sorenmo KU. The use of plasma cardiac troponin I (CTNI), cardiac troponin T (CTNT) and atrial natriuretic peptide (ANP) as biochemical markers of cardiac injury associated with doxorubicin chemotherapy: a pilot study. Presented at the 21st Veterinary Cancer Society Conference, Baton Rouge, Louisiana, 2001.

Barber LG, Sorenmo KU, Duda LE, Baez JL, **Burke JK**, Bachman R. Efficacy of prednisone as adjuvant treatment for canine mast cell tumors. Presented at the 2nd Veterinary Cancer Society Mid-Year Conference, Tuscon, Arizona, 2000.

Sorenmo KU, Baez JL, Michel KE, Barber L, **Burke JK**, Bachman R, Clark M. Phase 1 and 2 evaluation of arginine deaminase in canine oral malignant melanoma. Presented at the 19th Veterinary Cancer Society Conference, Woods Hole, Massachusetts, 1999.

Burke JK, Sorenmo KU, Duda LE, Shofer FS. The effect of adjuvant orthovoltage radiation therapy on vaccine-associated fibrosarcomas: a retrospective study of 15 cases. Presented at the 19th Veterinary Cancer Society Conference, Woods Hole, Massachusetts, 1999.

CURRICULUM VITAE

NAME

Ronald Cole Robinson, M.S.

PRESENT TITLE AND AFFILIATION

Primary Appointment

Senior Medical Physicist, Department of Radiation Physics, Division of Radiation Oncology, The University of Texas M. D. Anderson Cancer Center, Houston, TX

Dual/Joint Appointment

N/A

CITIZENSHIP AND VISA STATUS

United States

HOME ADDRESS

11710 Bexhill
Houston, TX 77065
Phone: (281) 890-6932

OFFICE ADDRESS

The University of Texas M. D. Anderson Cancer Center
Department of Radiation Physics, Unit 94
1515 Holcombe Blvd.
Room Y2.5300
Houston, TX 77030

Email Address: rcrobins@mdanderson.org

EDUCATION

Degree-Granting Education

The University of Texas-Austin, Austin, TX, B.S.; 1981, Nuclear Engineering

The University of Texas Graduate School of Biomedical Sciences, Houston, TX, M.S.;
1989, Medical Physics

Postgraduate Training

N/A

CREDENTIALS

Board Certification

American Board of Radiology, 1992

Licensure

Active

Texas, MP0044

Inactive:

N/A

EXPERIENCE/SERVICE

Academic Appointments

Senior Medical Physicist, Department of Radiation Physics, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 2008-present

Academic Administrative Appointments/Responsibilities

N/A

Institutional Committee Activities

N/A

Other Appointments/Responsibilities

Director of Physics, Houston Northwest Radiation Therapy, Houston, Texas, 1998-2008

Director of Physics , Clear Lake Regional Medical Center, Webster, Texas 1991-1998

Radiation Physics Consultant, (various hospitals), 1988-1991

Research Assistant, Radiological Physics Center, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 1986-1988

Scientific Programmer, CTC Research Corporation, Houston, Texas, 1984-1986

Nuclear Engineer, Bechtel Energy Corporation, Houston, Texas, 1982-1984

Consultantships

N/A

Military or Other Governmental Service

N/A

HONORS AND AWARDS

RESEARCH

Grants and Contracts (funded and pending) – past 5 years)

N/A

Protocols (funded and unfunded) – past 5 years

N/A

Patents Granted and Pending

N/A

Grant Reviewer/Service on NIH/Other Study Sections

N/A

PUBLICATIONS (published or in-press)

a. Articles in Peer-Reviewed Journals

b. Invited Articles

N/A

c. Editorials

N/A

- d. **Other Articles**
N/A
- e. **Abstracts (past five years)**
N/A
- f. **Book Chapters**
N/A
- g. **Books (edited and written)**
N/A
- h. **Letters to the Editor**
N/A
- i. **Manuals, Teaching Aids, Other Publications**
N/A
- j. **Other:**
N/A

EDITORIAL AND REVIEW ACTIVITIES

Editor/Service on Editorial Boards
N/A

Journal Reviewer
N/A

TEACHING

Within Current Institution
Formal Teaching
Courses Taught
N/A

Training Programs
N/A

Other Educational Programs
N/A

Supervisory Teaching
Advisory Committees
N/A

Supervisory Committees
N/A

Direct Supervision:
Undergraduate and Allied Health Students:
N/A

Medical Students
N/A

Graduate Students
N/A

Postdoctoral Research Fellows
N/A

Clinical Residents and Fellows
N/A

Outside of Current Institution
Organization of National or International Conferences/Symposia
N/A

Presentations at National and International Conferences

Invited:

N/A

Other, Including Scientific Exhibitions

Seminar Invitations from Other Institutions
N/A

Lectureship and Visiting Professorships
N/A

Other Presentations at State and Local) Conferences
N/A

PROFESSIONAL MEMBERSHIPS/ACTIVITIES

Professional Society Activities, with Offices Held

Local/State
N/A

National and International
American Association of Physicists in Medicine, Member
American Society of Therapeutic Radiation Oncologists, Member

OTHER

Siemens Mevatron Training Course, April 1992, Concord, CA
Pinnacle Physics Course, June 1999, Milpitas, CA
Memorial Sloan Kettering Workshop on IMRT Treatment Planning, May 9-11 2002, New York City, NY
Pinnacle IMRT Planning Course, November 2002, Milpitas, CA
ASTRO IMRT Workshop, February 11-12 2003, San Diego, CA
Nucletron Brachytherapy Treatment Planning, June 16 – 19 2003, Columbia, MD
Mammosite Training Workshop, July 12, 2003, Salt Lake City, UT
Variseed Training Course, November 11-12 2004, Charlottesville, VA
American Brachytherapy Society School of Breast Brachytherapy, February 19-20 2005, Las Vegas, NV

David S. Rolfe DVM, MS, DACVIM (SAIM)

Colonel, Veterinary Corps
E-mail: David.Rolfe@amedd.army.mil

Office: (210) 221-6522
FAX: (210) 221-6519

Military Assignments:

Commander, U.S. Army Veterinary Command Jun 2007 – Aug 2010

Duties: Command and control complete veterinary support to 500 Department of Defense (DOD) installations through 2000 military and civilian personnel assigned to almost 400 duty sites and over 170 Veterinary Clinics. Subordinate activities include the DOD Food Analysis and Diagnostic Laboratory, the DOD Military Working Dog Veterinary Service Referral and Procurement Hospital, six Regional Veterinary Commands, and 21 District Veterinary Commands and equivalents including a European Referral Hospital, Pacific Referral Hospital and European Diagnostic Laboratory supporting the worldwide veterinary mission. Plan for mobilization and ensure readiness; integrate training with reserve units and provide training to RC units and personnel. Ensure the highest quality veterinary medical support for DOD personnel, their families, and Government Owned Animals; synchronize full-spectrum food safety and defense with all appropriate federal and DOD agencies to ensure the safest national food supply. Ensure effective implementation of zoonotic disease control and surveillance programs. Serve as senior veterinary advisor to the Army Medical Command.

Highlights: Incorporated both the Europe and Korea units and missions into VETCOM. Devised, planned and implemented a veterinary standardization board process which has significantly improved the standard of clinical care to all patients and minimized individual clinic management requirements. Coordinated with all four Services and the Office of Secretary of Defense to institute a centralized bank accounting process to improve overall Veterinary Clinic fiscal efficiencies and streamline processes across the DOD. Planned, justified and began a pilot program for the Veterinary Corps' first-ever First Year Graduate Medical Education Program to ensure all new accessions have the required training to excel in their support to the DOD. Coordinated and implemented food defense programs for the DOD. Reorganized and justified an increase in headquarters staff which significantly improved organizational capabilities and support to subordinate units.

Consultant to the Army Surgeon General for Veterinary Clinical Medicine Jul 2003 -- Nov 2010

Duties: Interact with organizations worldwide to ensure complete Veterinary Clinical Specialty support to the DOD and other federal agencies. Manage clinical specialist training opportunities, provide oversight to training programs and actively liaison with civilian residency programs; make personnel assignments and provide career management; organize clinical specialists to address AMEDD issues, and promote Veterinary Clinical Specialist capabilities. Provide support to Combat Development on all animal medicine issues. Interact with the DOD, other federal and allied working dog programs to ensure optimum veterinary interaction and care throughout the world with present emphasis on supporting OEF/ OIF.

Chief, Department of Veterinary Science, AMEDD C&S Jun 2005 – Jun 2007

Duties: Ensure the highest quality training to ensure mission and personal excellence for all US Army Veterinary Service personnel, Active Duty and Reserve, from initial technical training through sustainment training. Focused departmental efforts on curriculum development and improvement to meet identified Operation Enduring Freedom/ Iraqi Freedom (OEF/ OIF) needs. Personally taught multiple student classes to include leadership, quality improvement, time and priority management, clinical case management, customer service and clinic management.

Director, Department of Defense Military Working Dog Veterinary Service Sep 2003 – Jun 2005

Duties: Develop, document, implement and ensure the highest standard of Veterinary Care to all DOD Working Dogs; provide veterinary consultation and referral services to the entire DOD; support Department of Homeland Security agencies; provide veterinary clinical training to veterinarians and technicians through exportable material, internships, fellowships, residencies and short-course training classes.

David S. Rolfe, COL, VC (continued)

Previous Assignments:

Commander, Central Pacific District Veterinary Command, Oahu, HI, May 2000– Aug 2003
Chief, Animal Medicine Division, Headquarters, US Army VETCOM, Oct 1997 – May 2000
Chief, Internal Medicine and Outpatient Clinics, DODMWDVS, Aug 1995 -- Oct 1997
Commander, 129th Medical Detachment (VM), Yongsan, Korea, Jul 1994 -- Jul 1995
Officer in Charge, Teams B and C, 110th Medical Det (VS), Hanau, Germany, Dec 1987 – Jun 1991
Officer in Charge, Castle AFB Branch, Merced, CA, Oct 1986 – May 1987

Education:

Civilian:

Undergraduate: BS, Biology May 1982
University of Kansas
Graduate: MS, Clinical Sciences August 1994
Colorado State University
MS, Strategic Studies July 2003
US Army War College
Professional: DVM May 1986
Kansas State College of Veterinary Medicine
Residency: Internal Medicine June 1994
Colorado State College of Veterinary Medicine
Board Certified in Small Animal Internal Medicine July 1995

Military:

Officer Advanced Course	November	1987
Combat Casualty Care Course	November	1987
Combined Arms Services Staff- Phase I		1990
Command and General Staff College	April	1997
Faculty Development Course	April	1998
USDA Foreign Animal Disease Course	June	1998
US Army War College	July	2003
Medical Strategic Leadership Course	October	2006
Interagency Institute Federal Healthcare Exec	March	2007
AMEDD Executive Skills Course	July	2007
Senior Officer Legal Orientation	September	2007
Lean Six Sigma Green Belt Training	July	2009

Memberships: American Veterinary Medical Association
Society of Phi Zeta
American College of Veterinary Internal Medicine

Military Honors and Awards include the Legion of Merit, Defense Meritorious Service Medal, Meritorious Service Medal (5th OLC), Army Commendation Medal (1st OLC), Army Achievement Medal (2nd OLC), Expert Field Medical Badge, Order of Military Medical Merit, and the “A” Proficiency Designator.

Licensure: Kansas, Texas

Family: Happily married for 27 years with six wonderful children ranging in age from 23 to 7 years old.