VETERINARY SURGICAL AND DIAGNOSTIC SPECIALISTS

34 Trenton-Lakewood Road (Rt. 526) Clarksburg (Millstone Township), NJ 08510

Telephone: 609-259-8300 Fax: 609-259-8484

NMSB2

03036529

Chief of Staff

DANIEL STOBIE, DVM, MS

Diplomate, American College of Veterinary Surgeons

Hospital Administrator BRIE D. MESSIER

Cardiology

ERIC A. DeROSE, DVM

Dermatology

SHEILA GOMEZ, VMD

Emergency/Critical Care

CHIA YUN "CY" BOON, BVet Med MRCVS

ROSALIE LoSCRUDATO, DVM

DEBORAH L. MARA, VMD

GEORGE A. MOTLEY, VMD

NANCY B. VAIL, DVM

Internal Medicine

TAMMY E. ANDERSON, DVM
Diplomate, American College of Veterinary Internal Medicine

KIMBERLY HAMMER, VMD

Diplomate, American College of Veterinary Internal Medicine

Magnetic Resonance Imaging (MRI)
DANIEL STOBIE, DVM, MS

Diplomate, American College of Veterinary Surgeons

Nuclear Medicine I¹³¹

DANIEL STOBIE, DVM, MS

Diplomate, American College of Veterinary Surgeons

Oncology

JENNIFER KIM, DVM

Ophthalmology

KRISTINA R. VYGANTAS, DVM

Diplomate, American College of Veterinary Ophthalmologists

Radiology

LISA SUSLAK-BROWN, VMD

Diplomate, American College of Veterinary Radiology

Surgery

LAURA A. CULBERT, DVM, MS
Diplomate, American College of Veterinary Surgeons

DANIEL STOBIE, DVM, MS
Diplomate, American College of Veterinary Surgeons

M. JOY WEINSTEIN, VMD
Diplomate, American College of Veterinary Surgeons

March 12, 2008

United States Nuclear Regulatory Commissions

Region I

475 Allendale Road

King of Prussia, PA 19406-1415

Attention:

Materials Licensing

Re: Materials License #29-30894-01

Dear Sir or Madam:

Veterinary Surgical and Diagnostic Specialists in Clarksburg, NJ wishes to amend its materials license to 1.) add additional personnel as authorized users in our feline hyperthyroidism program; 2.) to reduce the amount of time our patients are held in our facility following treatment; and 3.) to remove the requirement for performing bioassays after each treatment.

The Curriculum Vitas for the following staff members are attached:

- Tammy E. Anderson, D.V.M.
- Kimberly Hammer, V.M.D.
- Jennifer Kim D.V.M.
- Jessica Pascal, CVT
- Stephen Wancea, CVT

The staff members have received radiation safety training given by myself and/or our radiation safety officer, Karen Wheeler, MS, DABR and covered topics including: principles and practices of radiation protection; radioactivity measurements; monitoring techniques and using instruments; mathematics and calculations basic to using and measuring radioactivity; and biological effects of radiation.

In addition to the work experience detailed in their respective CV, they have completed appropriate on-the-job training including: observing the use of survey equipment; using proper contamination control techniques and proper disposal of radioactive material.

142241

NMSS/RGN1 MATERIALS-002

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DANIEL STOBIE, DVM, MS Diplomate, American College of Veterinary Surgeons

M. IOY WEINSTEIN, VMD Diplomate, American College of Veterinary Surgeons We would also like to reduce the amount of time our patients remain in our facility after treatment. Currently we house the patients for 96 hours. We would like to designate a hospital stay until the patient reaches a level of 0.5mR/hr or less at one meter regardless of their length of stay.

Additionally, we would like to remove the requirement to perform bioassays on staff following each treatment. We would instead perform bioassays at the discretion of the medical director and/or the radiation CHIA YUN "CY" BOON, BVet Med Markety officer or designee. Our extensive history of more than three years of bioassay record indicate negligible uptake by staff and therefore support this change.

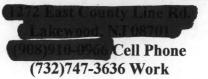
> If you have any questions or require additional information, please do not hesitate to contact myself or our consultant Medical Physicist, Karen Wheeler, at (908) 788-9440 ext. 45.

Sincerely,

Daniel Stobie, DVM, MS

Diplomate ACVS Chief of Staff

TAMMY E. ANDERSON, D.V.M., Diplomate ACVIM Internal Medicine



EDUCATION

The Ohio State University, College of Veterinary Medicine, Columbus, Ohio, 1991-1995 Doctor of Veterinary Medicine, 1995

Rutgers University, Cook College, New Brunswick, New Jersey, 1988-1991 Animal Sciences

Rutgers University, College of Nursing, Newark, New Jersey, 1978-1983
Bachelor of Science, Nursing, 1983

LICENSURE

Licensed Veterinarian, State of New Jersey

BOARD CERTIFICATION

Diplomate American College of Veterinary Internal Medicine (Internal Medicine, Small Animal)

PROFESSIONAL EXPERIENCE

Red Bank Veterinary Hospital, Red Bank, New Jersey
Staff Internist, August 2001 to present. Duties include diagnosing and managing a large volume of referral cases, as well as performing abdominal ultrasound and endoscopy as requested by other staff doctors. Other responsibilities include teaching and consulting with interns and residents on a daily basis.

University of Tennessee, College of Veterinary Medicine, Knoxville, Tennessee Assistant Professor in Small Animal Internal Medicine, July 1999 to July 2001 Resident in Small Animal Internal Medicine, July 1996 to June of 1999

Michigan State University, College of Veterinary Medicine, East Lansing, Michigan Small Animal Intern, July 1995- June 1996

University of California – Davis, College of Veterinary Medicine, Davis, California Veterinary Extern, June 1994- August 1994

PROFESSIONAL ASSOCIATIONS

Member of the American Veterinary Medical Associations Member of the New Jersey Veterinary Medical Association Member of the American College of Veterinary Internal Medicine

PUBLICATIONS

Anderson, TE. Urinary tract neoplasia. Feline Internal Medicine Secrets, Lappin MR, ed., Hanley Belfus, Philadelphia, 2001.

Anderson TE, Legendre AM, McEntee MM. Probable hypercalcemia of malignancy in a cat with bronchogenic adenocarcinoma. Journal of the American Animal Hospital Association, 2000;36:52-5.

Hahn AH, Anderson TE. Tumors of the Respiratory Tract. Kirk's Current Veterinary Therapy XIII Small Animal Practice, W. B. Saunders, Philadelphia, 1999.

PROFESSIONAL PRESENTATIONS

Diabetes Mellitus, Continuing Education Lecture, Veterinary Surgical and Diagnostic Specialists, May 2006.

Immune-Mediated Hemolytic Anemia, Continuing Education Lecture, Veterinary Surgical and Diagnostic Specialists, January 2005.

Bacterial Endocarditis, Veterinary Continuing Education Conference, University of Tennessee College of Veterinary Medicine, Knoxville, Tennessee, November 2000.

Esophageal Disease, Veterinary Continuing Education Conference, University of Tennessee College of Veterinary Medicine, Knoxville, Tennessee, November 1999.

Diagnostic Approach to Proteinuria, The 1999 Annual Conference for Veterinarians and Veterinary Technicians, University of Tennessee College of Veterinary Medicine, Knoxville, Tennessee, January 1999.

Diagnostic Approach to Polycythemia, The 1998 Annual Conference for Veterinarians and Veterinary Technicians, University of Tennessee College of Veterinary Medicine, Knoxville, Tennessee, January 1998.

PRACTICAL LABORATORIES

Endoscopy Continuing Education Course, Instructor, University of Tennessee College of Veterinary Medicine, Knoxville, Tennessee, August 2000 and August 1999.

Ultrasound Continuing Education Course, Instructor, University of Tennessee College of Veterinary Medicine, Knoxville, Tennessee, April 2000 and April 1999

REFERENCES

Dr. Alfred M. Legendre, Professor, University of Tennessee, College of Veterinary Medicine, Knoxville, Tennessee. Phone #: (865) 974-8387

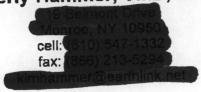
Dr. Robert DeNovo, Department Head of Small Animal Medicine, University of Tennessee. Phone #: (865) 974-8387.

Dr. Joseph Bartges, Professor, University of Tennessee, College of Veterinary Medicine, Knoxville, Tennessee. Phone #: (865) 974-8387

Dr. Michele Murray, Diplomate ACVIM – Neurology, Red Bank Veterinary Hospital, Red Bank, New Jersey. Phone # (732) 747-3636.

Dr. Rebecca Green, Diplomate ACVIM – Internal Medicine, Red Bank Veterinary Hospital, Red Bank, New Jersey. Phone # (732) 747-3636.

Kimberly Hammer, VMD, DACVIM



Veterinary Licensure: Pennsylvania, New York

Education and Training

| 2003 | Resident, Small Animal Internal Medicine | |
|------|---|--|
| 0004 | Matthew J. Ryan Veterinary Hospital of the University of Pennsylvania Internship, Small Animal Internal Medicine and Surgery, | |
| 2001 | Mississippi State University | |
| 2000 | VMD, University of Pennsylvania | |
| 1995 | BS, Tufts University, cum laude | |

Specialty Board Certification

2004 American College of Veterinary Internal Medicine (SAIM)

Professional Positions

| 2006-2007 | Internal Medicine Specialist; Advanced Veterinary Care, Newburgh, NY 12550 |
|-----------|--|
| 2006-2007 | VIN Consultant Internal Medicine |
| 2003-2006 | Internal Medicine specialist; VCA Newark Animal Hospital, Newark, DE 19711 |

Membership in Professional Societies

| 2006-present | Hudson Valley Veterinary Medical Society |
|--------------|---|
| 2006-present | New York Veterinary Medical Society |
| 2000-present | American Veterinary Medical Association |
| 2003-2006 | Delaware Veterinary Medical Association |
| 2003-present | Veterinary Cancer Society |
| 2004-present | American College of Veterinary Internal Medicine (SAIM) |

Activities, Awards, and Honors

| 2007 | Hudson Valley VMS: Ethics Chair |
|-----------|---|
| 2006 | Volunteer veterinarian at Faithful Friends, Wilmington, DE |
| 2006 | Delaware Veterinary Medical Association representative for the Delaware |
| | Attorney General's Animal Cruelty Task Force |
| 2006 | Delaware Veterinary Medical Association: New Castle County Representative |
| 2002 | Resident Journal Club Coordinator |
| 2000 | Member of Phi Zeta Veterinary Honors Society |
| 1998 | Pennsylvania VMA Student Representative |
| 1998 | Phi Zeta research finalist |
| 1997-2000 | Dean's list for academic excellence, UPENN Veterinary School |

1997

Veterinary Student Tutor

Funded Research

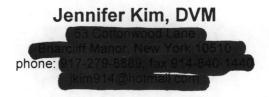
| Nestle Purina Petcare Company Molecular analysis of T-Cell clonality in feline inflammatory bowel disease and alimentary lymphoma \$9500 |
|---|
| VHUP— Department of Clinical Studies Characterization of reline 1 lymphocyte receptor: Differentiation of inflammatory bowel disease from alimentary |
| AAHA Foundation The effects of rapid infusion of saline on acid-base status in |
| MSU CVM Office of Research: Clinical Research Grant Program for Interns Effects of two crystalloid solutions on acid-base status during volume |
| NIH Summer Research Fellowship The role of G-proteins in the pathogenesis of |
| Merck Summer Research Fellowship The role of G-proteins in the pathogenesis of feline hyperthyroidism |
| Hughes Foundation Summer Research Fellowship The effects of food limitation on the metamorphosis and growth rate of the marine gastropod, Crepidula fornicata |
| |

Publications in Refereed Journals

- 1. Weisse C, Nicholson ME, Rollings C, Hammer K, Hurst R, Solomon J. 2004. Use of percutaneous arterial embolization for treatment of intractable epistaxis in three dogs. JAVMA 224: 1307-1311.
- Hammer K, Holt DE, Ward CR. 2000. Altered expression of G proteins in thyroid gland adenomas obtained from hyperthyroid cats. Am J Vet Res 61: 874-879.
- 3. Pechenik JA, Hammer K, Weise C. 1996. The effect of starvation on acquisition of competence and post-metamorphic performance in the marine prosobranch gastropod *Crepidula fornicata*. J Exp Mar Biol & Ecol. 199: 137-152.
- 4. Pechenik, JA, Estrella MS, Hammer K. 1996. Food limitation stimulates metamorphosis of competent larvae and alters postmetamorphic growth rate in the marine prosobranch gastropod Crepidula fornicata. Mar Biol 127: 267-275.
- 5. Pechenik JA, Estrella S, Hammer K, Weise C. 1994 Disassociation of growth rate from length of larval life by starvation in *Crepidula fornicata*. American Zoologist 34: 53A.

Abstracts

- Hammer K, Chrestman L, Hinz S, Mackin A. Effects of rapid infusion of lactated Ringer's or normal saline on acid-base status of hypovolemic, anesthetized dogs. ACVIM, 2002.
- 2. Hammer K, Holt D, Ward CR. Agonist-induced G protein activation in feline thyroid. ACVIM,
- 3. Holt DE, Hammer K, Martin S, Ward CR. Decreased inhibitory guanine nucleotide binding protein expression in thyroids from hyperthyroid cats. ACVS, 1998.
- 4. Ward CR, Hammer K, Holt D, Martin SN. Altered G protein expression in thyroid adenomas from hyperthyroid cats. ACVIM, 1998.



Professional Experience

Cornell University Hospital for Animals, Department of Oncology, Ithaca, New York (2004 to 2005)
Oncology Intern

- Provided primary care, diagnosis, and treatment of cancer for medical and radiation oncology patients, including emergency care.
- Taught third and fourth year students on a small group basis on cancer-related topics and case management.

Animal Medical Center, New York, New York (2003-2004)

Rotating Intern in Medicine and Surgery

• Completed rotations in exotics, oncology, soft and orthopedic surgery, internal medicine and critical care.

University of Massachusetts, School of Medicine, Worcester, Massachusetts (Summer 2000) Student Researcher

• Assisted in transgenic mouse model research.

National Cancer Institute, Bethesda, Maryland (1998-1999)

Pre-Doctoral Cancer Research Training Fellow

- Assisted various oncogene projects specifically aimed at revealing information on Non-Hodgkin's Lymphoma.
- Co-created and became a representative for the National Cancer Institute in the pre-doctoral training award administrative body.
- Organized a seminar series to give pre-doctoral fellows an opportunity to present their research.

Friendship Hospital for Animals, Washington, District of Columbia (1997-1999) Receptionist

 Aided doctors with various administrative functions, educated clients on basic pet care and medications, triaged patients, and filled prescriptions.

National Institutes of Health, National Institute of Mental Health, Bethesda, Maryland (1997-1998) Pre-Doctoral Intramural Research Training Fellow

 Attempted to elucidate the area of the primate brain that controls auditory memory via behavioral and neuralablation experiments on macaque monkeys.

University of Pennsylvania, School of Veterinary Medicine, Emergency Clinic, Philadelphia, Pennsylvania (1995-1997)

Receptionist and Volunteer

Handled the monetary, phone and primary client communications; assisted as a technical assistant.

Education

Tufts University School of Veterinary Medicine, North Grafton, Massachusetts (1999-2003)

- Doctor of Veterinary Medicine
- Co-head of 'Gap Junction,' a service-learning program geared towards middle school students interested in veterinary medicine, 2000-2002.
- Member of the Student Chapter of the American Veterinary Association, 1999-2003
- Member of the Pet Loss Support Hotline, 1999-2002.

National Institutes of Health Graduate School, Bethesda, Maryland (1997-1999)

• A non-degree program; completed courses in Microbiology and Biochemistry.

University of Pennsylvania, School of Arts and Sciences, Philadelphia, Pennsylvania (1993-1997)

- Bachelor of Arts with majors in Psychology and Biological Basis of Behavior.
- Participated in community outreach teaching programs, university orchestral and choral societies.

Experience

City Year, Boston, Massachusetts (1992-1993)

Americorps Member

- Participated in an urban youth community service program as a member of the environmental division.
- Corps member co-leader of the admissions committee.

Research Award

Tufts University School of Veterinary Medicine, North Grafton, Massachusetts (2001)

- · Recipient of a veterinary student summer research grant sponsored by the National Institutes of Health.
- Developed and implemented a project on the presence of estrogen receptor beta in testicular neoplasias of canines.

Presentations

- February 2005 Cornell University Hospital for Animals, General Practice Rounds
 Presented a case study on feline gastrointestinal lymphoma.
- February 2005 Cornell University Hospital for Animals, Department of Oncology Rounds Interferons and other Differentiating Agents
- November 2004 Cornell University Hospital for Animals, Department of Oncology Rounds
 Oncogenesis: Chemical, Genetic and Physical Approaches
- September 2004 Cornell University College of Veterinary Medicine, General Practice Rounds
 Presented a case study on canine lymphoma.
- November 2003 Animal Medical Center, Oncology Service Rounds

Facilitated a discussion on cultural differences when approaching clients, specifically pertaining to Asian clientele at the request of the counseling department.

- October 2001 Tufts University School of Veterinary Medicine Research Day
 Canine Testicular Neoplasia and Estrogen Receptor Beta
- November 2000 Tufts University School of Veterinary Medicine, Human-Animal Relations Class
 Gave a short lecture and helped launch a conversation on the treatment of research animals.
- September 1999 National Institutes of Health, Pre-IRTA Seminar Series
 Genetic Imprinting: What Mendelian Genetics Didn't Teach You

Publications

- Siwarski D. Kim J. Diaw L. Huppi K. Identification of a transcriptionally compromised allele of c-MYC in a North American family. *Journal of Medical Genetics*. 38(1):47-9, 2001 Jan.
- Diaw L. Siwarski D. Coleman A. Kim J. Jones GM. Dighiero G. Huppi K. Restricted immunoglobulin variable region (Ig V) gene expression accompanies secondary rearrangements of light chain IG V genes in mouse plasmacytomas. *Journal of Experimental Medicine*. 190(10):1405-16, 1999 Nov 15.
- Huppi K. Siwarski D. Kim J. Letts V. Mouse chromosome 15. Mammalian Genome. 10(10):956, 1999.

Objective: Veterinary technician position within a fun and challenging environment in a small animal practice.

Skills:

- Basic technical skills venipuncture, IV catheters, administering fluids, restraint, injections
- Computer literate Word 2000, Vet Master 5.627, Avimark, DVMax, Vetpacs
- Client relations scheduling appointments, patient discharges, client call backs

Professional Experience:

August 2004 to Present – Veterinary Technician/Weekend Supervisor, Veterinary Surgical & Diagnostic Specialist, Clarksburg, NJ

- > Emergency and critical care knowledgeable .
- Digital radiography
- > Client relations
- Monitor anesthesia
- General nursing care

August 2002 to August 2004 – Veterinary Technician, Animal General, Edgewater, NJ

- Assisted during surgery
- > Performed dental prophylaxes
- > Took radiographs

February to July 2002 – Veterinary Technician, Neponset Animal Hospital, Dorchester, MA

- > Assisted veterinarian with surgeries and procedures
- > Performed routine care for kennel animals feed and medicate as needed
- Take radiographs
- Run bloodwork on IDEXX machine

January to July 2002 – Veterinary Technician, Parkway Veterinary Hospital, West Roxbury, MA

- > Assisted veterinarian with procedures
- Performed routine care for kennel animals feed and medicate as needed
- > Take radiographs
- Run bloodwork on IDEX machine

April 2001 to February 2002 - Barn Manager, Wadsworth Farm, Danvers, MA

- Oversaw barn duties
- Worked along side with the veterinarian and farrier

> Administered medications to the horses

September 1997 to March 2000 - Show Groom, Market Street Inc., Flemington, NJ

- Ordered feed and medications
- > Administered medications
- > Traveled the east coast with the horses
- > Kept health records current

December 1995 to May 1997 – Research Assistant, Rutgers University, New Brunswick, NJ

- > Administered medications
- > Drew weekly blood samples

Education:

Associate Degree in Veterinary Technology (May 2002)

Mount Ida College

Newton Centre, MA

Bachelor Degree in Animal Science (May 1997) Rutgers University New Brunswick, NJ

Licenses/Certifications:

Massachusetts (June 2002) New Jersey (August 2002)

Associations:

NAVTA (2006)

Veterinary Emergency & Critical Care Society (2006) New Jersey Veterinary Technician Association (2006)

Stephen Wancea B.S.



OBJECTIVE: To further my knowledge and experience in many diverse aspects of veterinary medicine

QUALIFICATIONS

Proficient in many aspects of Veterinary Medicine. Experienced in many forms of Veterinary Technician skills including surgery, pharmacy, laboratory and emergency medicine. Highly experienced in computer program such as word processors and spreadsheets. Excellent people skills. Extremely dedicated and hard working.

EDUCATION

1997-2001 Diploma, Sayreville War Memorial High School 2001-2005 Bachelors of Science in Biology, University of the Sciences in Philadelphia

EMPLOYMENT

2003-Present Veterinary Technician, Sayrebrook Veterinary Hospital
Lab: Run blood work, urine and fecal samples Pharmacy: Fill
prescriptions, assist Dr.s, intravenous blood draw from front, rear and
jugular veins in both cats and dogs. Give vaccines, administer
medications. Proper restraint of animals. Surgery: anesthetic induction
and monitoring, IV catheter placement, intubation and extubation,
radiographs, clean, pack and sterilize surgical instruments and facilities.
Salary Start \$6.25/Hour Current \$12.00/Hour

2006-Present Veterinary Technician, Veterinary Surgical and Diagnostic Specialists All of the aforementioned technician skills with the addition of triaging critical and non-critical emergency patients. Gaining experience in veterinary ophthalmology, oncology, orthopedics and internal medicine. Drug calculations and proper administration. Salary Start \$14.00/hour Current \$14.00/ hour

2001-2003 Sales Assoc./ Small Animal Specialist, PetCo
Assisted customers. Stocked and arranged shelves. Cleaned, fed
watered and medicated small animals and birds. Cashier.
Salary Start \$6.00/Hour End \$7.25/Hour

1998-2000 Driver/Ride Attendant, NJ Party Works

Drove box trucks and vans throughout NJ and NY. Set up mechanical and inflatable rides. Assisted parents and children. Monitored rides and attractions. Lead crews on sites. Collected payments. Salary Start \$6.00/Hour End \$8.00/Hour

| | This is to acknowledge the receipt of | | | |
|---|---|---|--|--|
| | 3 lizlz , a includes an administrative review h | nd to inform you that the initial processing which as been performed. | | |
| 1 | | nissions. Your application was assigned to a that the technical review may identify additional information. | | |
| | Please provide to this office with | in 30 days of your receipt of this card | | |
| A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved. Your action has been assigned Mail Control Number When calling to inquire about this action, please refer to this control number. You may call us on (610) 337-5398, or 337-5260. | | | | |
| | NRC FORM 532 (RI) (6-96) | Sincerely, Licensing Assistance Team Leader | | |
| | | | | |