

# Brisa Hsieh

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## EDUCATION

### **Diplomate, American College of Veterinary Internal Medicine, Board Certified in Small Animal Internal Medicine**

#### **Texas Gulf Coast Veterinary Specialists - Houston, TX**

*Small Animal Internal Medicine Residency*

July 2010 - July 2013

#### **Veterinary Emergency and Referral Group - Brooklyn, NY**

*Small Animal Rotating Internship*

June 2009 - June 2010

#### **Kansas State University College of Veterinary Medicine - Manhattan, KS**

*Doctor of Veterinary Medicine*

May 2009

#### **University of California, Davis - Davis, CA**

*Bachelor of Science in Animal Science*

June 2005

## PROFESSIONAL EXPERIENCE

### **Assistant Professor of Practice**

University of Arizona, College of Veterinary Medicine, Oro Valley, AZ

Oct 2020 – Present

- Faculty director of VETM 813 – Companion Animal: Advanced Clinical Management.
- Faculty co-director of VETM 810 – Cycle of Life.
- Assist in teaching VETM 801 – Foundations, VETM 803 – Clinical Skills, VETM 804 – Clinical Logic in Doctoring, VETM 808 – Vital Circuitry, and VETM 812 – Sum of the Parts.
- Contribute to course content creation for VETM 801 – Foundations, VETM 804 – Clinical Logic in Doctoring, VETM 808 – Vital Circuitry, VETM 810 – Cycle of Life, VETM 812 – Sum of the Parts, and VETM 813 – Companion Animal: Advanced Clinical Management.
- Work with Holly Bender and team on building an Open Educational Resource (OER) Library to Share Evidence-Based Teaching Materials and Scholarship with the Global Community.
- Serve as faculty advisory for student Internal Medicine club.
- Elected to serve as a Faculty Council member.

### **Small Animal Internist**

Southern Arizona Veterinary Specialty and Emergency Center, Tucson, AZ

May 2016 – Oct 2020

- Rebuilt and currently run the internal medicine service at the Fort Lowell location.
- Saw an average of 4-5 initial internal medicine and oncology appointments and 3-4 recheck appointments daily as well as critical emergencies that presented to the hospital at any time throughout the day.
- Assisted in training externs, interns, and emergency doctors.
- Assisted in running the 2020-2021 intern program.
- Presented lectures to emergency doctors on respiratory emergencies, hypotension, and diabetic ketoacidosis management.
- Performed esophagogastroduodenoscopy, colonoscopy, endoscopic foreign body removal, bronchoscopy and bronchoalveolar lavage, CT/rhinology, bone marrow aspirates and core biopsies, bone and mass biopsies, thoracocentesis, abdominocentesis, pericardiocentesis, and arthrocentesis regularly. Also place feeding tubes including percutaneous endoscopic gastrostomy tubes, esophagostomy tubes, and nasogastric tubes.
- Performed ultrasound-guided needle aspirates and Tru-cut biopsies as well as interpret ultrasound.
- Consulted with referring veterinarians on internal medicine, emergency, and oncology cases.

- Started chemotherapy treatment for lymphoma as well as other types of cancer until patients are able to see the oncologist.
- Assisted the emergency doctor on critical cases and consult on in-hospital cases.
- Managed 1-3 in-hospital patients daily.
- Oversaw the rotating internship program during the 2017-2019 internship years.

### **Internist (Practice Limited to Small Animal Internal Medicine)**

Veterinary Specialists of North Texas, Dallas, TX and Fort Worth, TX

Feb 2015 – April 2016

- Primary internist at the Dallas location and rotated through the Fort Worth location about 2-4 days per month.
- Saw an average of 3-4 initial internal medicine or oncology appointments and 8-10 recheck or chemotherapy appointments daily.
- Performed esophagogastroduodenoscopy, colonoscopy, laparoscopic liver biopsies, and CT/rhinocopy regularly as well as endoscopic foreign body removal, and esophageal and rectal stricture balloon dilation. Regularly placed feeding tubes including percutaneous endoscopic gastrostomy tube and nasogastric tubes.
- Managed 1-3 in-hospital patients daily.
- Administered chemotherapy as well as managed oncology cases including lymphoma, mast cell tumor, osteosarcoma, primary lung tumors, histiocytic sarcoma, hemangiosarcoma, apocrine gland anal sac adenocarcinoma, nasal tumors, among others.
- Managed radiation therapy patients as needed.
- Consulted with referring veterinarians on internal medicine and oncology cases.

### **Internist (Practice Limited to Small Animal Internal Medicine)**

Southern Arizona Veterinary Specialty and Emergency Center, Tucson, AZ

Aug 2013 – Jan 2015

- Built and ran the internal medicine service at the Fort Lowell location and was the only internist at this location.
- Saw an average of 4 initial internal medicine appointments and 2-3 recheck appointments daily as well as critical emergencies that presented to the hospital at any time throughout the day.
- Managed 1-6 in-hospital patients daily.
- Perform esophagogastroduodenoscopy, colonoscopy, and CT/rhinocopy regularly as well as endoscopic foreign body removal. Also place feeding tubes regularly including percutaneous endoscopic gastrostomy tubes, esophagostomy tubes, and nasogastric tubes.
- Performed one laparoscopic liver biopsy as well as one cystoscopy for a urinary bladder tumor biopsy.
- Performed abdominal ultrasounds as needed.
- Oversaw rotating interns working emergency and mentored an internal medicine-focused rotating intern.
- Organized and presented intern lectures including physiology rounds, monthly Current Veterinary Therapy rounds, and journal club.
- Assisted in rotating intern and emergency doctor training including central line placement, nasogastric tube placement, endoscopic foreign body removal, abdominocentesis, thoracocentesis, pericardiocentesis, critical patient stabilization, fluid management, among other procedures and current drug therapies.
- Assisted in developing ICU protocols including triage protocols, central line placement and management, peripheral intravenous catheter management, PT/PTT blood sampling, blood pressure monitoring, patient fluid monitoring, and updated ICU treatment sheets.
- Assisted with creating electronic medical records and updating current medical management software (Impromed).

### **ACVIM Resident (Small Animal Internal Medicine)**

Texas Gulf Coast Veterinary Specialists, Houston, TX

Jul 2010 – Jul 2013

- Saw 2-3 initial internal medicine appointments and 2 recheck appointments daily as well as critical emergencies under the supervision of an attending clinician while managing between 2-10 ICU patients and medical boarders.
- Routinely managed the following disease processes: diabetes mellitus and ketoacidosis, hypoadrenocorticism, hyperadrenocorticism, immune mediated hemolytic anemia, immune mediated thrombocytopenia, pure red cell aplasia, acute and chronic renal failure, protein losing nephropathy, exocrine pancreatic insufficiency, acute and chronic pancreatitis, inflammatory bowel disease and protein losing enteropathy, acute and chronic hepatopathies (including toxicities, copper storage disease, hepatocutaneous syndrome), recurrent and resistant urinary tract

infections, gallbladder disease, congestive heart failure, hypertrophic and restrictive cardiomyopathies, chronic valvular disease, pneumonia, chronic bronchitis and allergic airway disease, heartworm disease, among others.

- Performed esophagogastroduodenoscopy and colonoscopy procedures, rhinoscopy, cystoscopy, endoscopic foreign body removal, bronchoscopy and bronchoalveolar lavage, esophageal and rectal stricture balloon dilation, laparoscopic assisted liver biopsy, laparoscopic assisted ovariectomy and gastropexy, percutaneous endoscopic gastrostomy tube placement and management, nasogastric tube placement and management, bone marrow aspirate and biopsy, thoracocentesis, abdominocentesis, pericardiocentesis, arthrocentesis, urethral hydropulsion, jugular catheter placement, chest tube placement and management, and female and male urinary catheter placement.
- Performed the following procedures with assistance: laparoscopic assisted cystotomy and cystic calculi removal, laparoscopic assisted window pericardectomy.
- Assisted in the following procedures: ultrasound-guided endoscopic laser ablation for palliative treatment of transitional cell carcinoma, tracheal stent placement.
- Attended and participated in daily case rounds, weekly resident physiology class and journal club, and biweekly oncology journal club and cardiology EKG review.
- Worked at the satellite hospital, Veterinary Specialists of North Texas (Dallas, TX), and saw several initial oncology and internal medicine appointments as well as emergencies and chemotherapy recheck appointments while caring for in-hospital patients.
- Communicated with referring veterinarians regarding updates and case management for mutual patients as well as internal medicine case consultations.
- Worked 6 weeks of overnight duty to manage in hospital ICU patients and saw after-hours current patient emergencies and referral emergencies.
- Rotated through 2 weeks of medical and radiation oncology, 1 week of diagnostic imaging, and 1 week of clinical pathology (Idexx Laboratories).

### **Small Animal Rotating Intern**

Veterinary Emergency and Referral Group, Brooklyn, NY

Jun 2009 – Jun 2010

- Served as Emergency/Critical Care veterinarian as well as rotated through various specialty services including soft tissue and orthopedic surgery, internal medicine, cardiology, oncology, dermatology, neurology, and ophthalmology in a high volume emergency veterinary hospital.
- Responsible for primary case management of emergency medicine patients and managed between 5-10 cases per day.
- Assisted in managing the following medical cases: hepatic encephalopathy, hepatic lipidosis, diabetic ketoacidosis, diabetes mellitus, hyperadrenocorticism, hypoadrenocorticism, inflammatory bowel disease, chronic kidney disease, toxicity management (including chocolate, grape/raisin, marijuana, NSAID, Tylenol, lily, rodenticide) pancreatitis, congestive heart failure, lymphoma, among others.
- Performed multiple procedures including: unblocking and medically managing urinary obstructions in male cats, esophageal tube placement, intravenous catheter placement, jugular catheter placement, nasogastric tube placement, thoracocentesis, abdominocentesis, CPR and resuscitation, transtracheal wash, cystocentesis, EKG recording and reading, fine needle aspirates, reading cytologies and blood smears, deobstipation, trauma stabilization including vehicular and high rise trauma.
- Assisted in the following surgeries and procedures: endoscopy, rhinoscopy, chemotherapy administration, tibial tuberosity advancement, fibular head transposition, total ear canal ablation, mass removal, foreign body removal, lung lobectomy, anal sacculotomy, hemilamnectomy.
- Participated in teaching rounds and journal club and presented a technician lecture on pain management.

### **Iams Student Representative**

The Iams Company, Dayton, OH

Jul 2006 - Jun 2008

- Acted as a liaison between The Iams Company and the Kansas State University's College of Veterinary Medicine.
- Organized monthly food distributions and school meetings for veterinary students. Coordinated with company representative to promote the brand and educate the public through 6 major outreach events and activities.

### **College of Veterinary Medicine Student Ambassador**

Kansas State University, College of Veterinary Medicine, Manhattan, KS

Sept 2005 - May 2008

- Led 30-40 tours per year of the veterinary college that consisted of groups between 2 to 20 people.

- Answered questions about the college’s history, program, and my personal experiences and acted as point of contact by aiding interviewers, student applicants, and family members of the candidates during the veterinary interview process.

## CONTINUING EDUCATION

2021 American College of Veterinary Internal Medicine Forum (Virtual Conference)	Jun 2021
ACVIM Advanced Continuing Education Advanced Endocrinology Live (Virtual Course)	Nov 2020
2019 American College of Veterinary Internal Medicine Forum (Phoenix, AZ)	Jun 2019
ACVIM Current Concepts in Pancreatic and Hepatobiliary Disorders of the Dog and Cat (Denver, CO)	Oct 2018
2017 American College of Veterinary Internal Medicine Forum (National Harbor, MD)	Jun 2017
2016 American College of Veterinary Internal Medicine Forum (Denver, CO)	Jun 2016
International Veterinary Emergency and Critical Care Symposium (Washington DC)	Sept 2015
Soft Tissue – Residents and Specialists Only Ultrasound Course (Sound-Eklin – Arlington, TX)	Sept 2014
2014 American College of Veterinary Internal Medicine Forum (Nashville, TN)	Jun 2014
2013 American College of Veterinary Internal Medicine Forum (Seattle, WA)	Jun 2013
2012 American College of Veterinary Internal Medicine Forum (New Orleans, LA)	May 2012
Frank: Veterinary-Client Communication Hands-On Initiative (Fort Collins, CO)	Nov 2011
Hill’s Pet Nutrition Tour (Topeka, KS)	Nov 2011
4 <sup>th</sup> Annual Zoonotic Disease Conference (Houston, TX)	Sept 2011
83 <sup>rd</sup> Annual Western Veterinary Conference (Las Vegas, NV)	Feb 2011

## PUBLICATIONS

- Hsieh BM**, Beets AK. Coughing in Small Animal Patients. *Front. Vet. Sci.* 2020 Jan 21;6:513. doi: 10.3389/fvets.2019.00513.
- Hsieh BM**, Burney DP. Feline infectious peritonitis. *Clin Brief.* 2014; 12(2): 75–80.
- Hsieh BM**, Cohen M, Levitzke B, Arndt JW. What’s Your Diagnosis? Cardiac myxosarcoma originating from the tricuspid valve in a dog. *J Am Vet Med Assoc.* Apr 2013, 242(8):1067-1068. doi: 10.2460/javma.242.8.1067.

## SPEAKING ENGAGEMENTS

- “Cushing’s Disease” – Southern Arizona Veterinary Medical Association (2021)
- “Evaluation and Diagnostics of the Gastrointestinal Tract” – Southern Arizona Veterinary Medical Association (2018)
- “Common Canine Hepatopathies – Anatomy & Physiology, Differential Diagnostics Including Signalment, Blood Work Patterns & Diagnostics, Common Diseases & Treatment” – Southern Arizona Veterinary Medical Association (2017)
- “Clinical Signs and Diagnostics of Urinary Disorders” – Gulf Coast Veterinary Specialists Symposium (2011)

## PROFESSIONAL ACTIVITIES & ORGANIZATIONS

Southern Arizona Veterinary Medical Association, Member	Aug 2013-Present
Texas Veterinary Medical Association, Member	Jul 2010-Dec 2013
Harris County Veterinary Medical Association, Member	Jul 2010-Dec 2013
American Veterinary Medical Association, Member	May 2009-Present
New York City, Veterinary Medical Association, Member	Oct 2009-Dec 2010
New York State, Veterinary Medical Association, Member	Oct 2009-Dec 2010

## PROFESSIONAL INTERESTS

Immune Mediated Disease, Endocrinology, & Gastroenterology  
 Endoscopy  
 Client Communication  
 Teaching and Education

## AWARDS & SCHOLARSHIPS

Pet Tribute Scholar

Apr 2009

*For compassion and professionalism in supporting clients who have suffered the loss of a pet.*  
Dr. Joseph A Bogue Memorial Award  
*For exceptional achievement in nutrition as applied in companion animal therapeutics.*  
Telefund Scholarship, KSU-CVM  
Jody Borders Memorial Veterinary Scholarship, KSU-CVM

Apr 2009

Mar 2008, Mar 2006

Sept 2005