

Profile:

Dr. Clarissa Nouredine is a small animal veterinarian and owner of ForensiVet Mobile Veterinary & Forensic Consulting, PLLC. In 2017, she completed a Master of Science degree program with a concentration in Veterinary Forensic Science through the University of Florida / ASPCA distance learning graduate program. She graduated with a B.S. in Zoology from the University of Florida in 1997, an M.S. in Biology from the University of North Carolina, Chapel Hill in 1999, and a DVM from North Carolina State University College of Veterinary Medicine in 2003.

As a forensic veterinarian, Dr. Nouredine provides assistance with animal abuse casework, including veterinary forensic examinations and diagnostics, creating veterinary forensic reports, evidence collection and handling, guidance with crime scene processing, case review and consultation, and expert testimony.

From July 2019 to June 2021, Dr. Nouredine was also the Veterinary Medical Director for Guilford County Animal Shelter. In this role she was responsible for supervising the overall health of all shelter animals while also overseeing the medical team, behavior program, foster program, and all aspects of medical care for shelter animals. Dr. Nouredine was also in charge of veterinary forensic examinations, and she worked directly with Animal Control in animal cruelty investigations. Dr. Nouredine holds certifications in Fear Free Medicine, Pet CPR training, and FEMA Animal Disaster Awareness and Preparedness.

Dr. Nouredine has been a volunteer with the Guilford County Pet Responsibility Program (PRP), a volunteer community organization devoted to teaching 4th graders across the county about responsible pet ownership, kindness to animals, and how to be an advocate for animals. Dr. Nouredine has developed training for the adult PRP educators to delve further into aspects of animal welfare, including the link between animal abuse and interpersonal violence. She also helped the PRP to create pet retention resources for use in local shelters and rescue groups.

Formerly, Dr. Nouredine worked with the pharmaceutical industry where she grew in management, leadership, and relational skills, developed proficiency in objectively evaluating information, and gained extensive experience investigating, assessing, and reporting adverse drug events.

Education:

- MS Master of Science with Concentration in Veterinary Forensics**, University of Florida Online Graduate Education (2017)
- Received graduate level training in all major aspects of forensic veterinary medicine, including recognizing and reporting animal abuse, processing animal crime scenes, clinical and postmortem veterinary forensic examinations, handling and interpreting case evidence, and serving as an expert witness. Courses included Veterinary Forensic Medicine, Animal Crime Scene Processing, Scientific and Legal Principles of Forensic Evidence, Cruelty to Animals and Interpersonal Violence, Forensic Entomology, Veterinary Pathology, Veterinary Forensic Radiology and Imaging, Forensic Applied Animal Behavior, Wildlife Forensic Genetics, and Veterinary Forensic Toxicology.
- DVM Doctor of Veterinary Medicine**, North Carolina State University College of Veterinary Medicine, Raleigh, NC (2003)
- MS Master of Science in Biology** (with focus on avian HOX genes), University of North Carolina, Chapel Hill, NC (1999)
- BS Bachelor of Science with Highest Honors** (Zoology), University of Florida, Gainesville, FL (1997)

Licenses & Certifications:

- **North Carolina Veterinary Medical Board License** to Practice Veterinary Medicine in North Carolina (2003-Present)
- **Certified Pet CPR Instructor**, Pet Emergency Education, LLC (January 2018-Present)
- **FEMA Certificate of Achievement, Animals in Disaster: Awareness and Preparedness** (January 8, 2018)
- **Fear Free Elite Certification** (October 2020- Present); **Fear Free Certification** (October 2017-Present)
- **Licensed Zumba Instructor** (2015-Present)

Experience:

PRESENT:

Owner, ForensiVet Mobile Veterinary & Forensic Consulting, PLLC (July 2017-Present):

Veterinary Forensic Consulting and Case Management: Consultation with professionals (prosecuting authorities, ASPCA/humane organizations, veterinary professionals, legal professionals, etc.) regarding animal abuse cases – including performance of clinical and/or post mortem forensic examinations, diagnostics, treatments and case management recommendations; assistance with crime scene evaluation; evidence collection and handling; case review; creation of veterinary forensic reports; and expert testimony. Dr. Nouredine has consulted on cases in North Carolina, Massachusetts, Rhode Island, Maryland, and New York and she has testified in North Carolina and Massachusetts.

Consultation and Development of Educational Tools for Animal Welfare and Wellness: Creation of educational tools (clinic training plans, blogs, newsletters, website information, pet owner handouts, community forums, or other educational outreach) to enable entities such as veterinary clinics, shelters, and rescue groups to inform staff and owners about animal welfare, wellness care, preventive care, and all aspects of best veterinary medicine practices.

Provide Relief Veterinary Services for local small animal clinics (see below)

Provide Pet CPR Training Classes for animal health professionals and pet owners

Veterinarian, Downtown Greensboro Animal Hospital (April 27, 2022- Present):

Small animal veterinarian in Greensboro, NC – Responsible for examining, diagnosing, and treating dogs and cats; performing surgeries; educating pet owners; training and developing veterinary staff.

Shelter Veterinarian (Volunteer), Forsyth Humane Society (October 2021-Present):

Perform veterinary examinations and spays/neuters on shelter animals (2-3 days/month)

Veterinary Surgeon (Volunteer), Feral Cat Assistance Program (FCAP) (September 2021- Present):

Perform spays/neuters on community cats as part of a Trap-Neuter-Release program (1 Sunday/month)

PREVIOUS:

Veterinary Medical Director, Guilford County Animal Shelter (July 1, 2019-June 25, 2021):

Responsible for supervising the overall health of all shelter animals for the county's animal shelter (approximately 8000+ animals are cared for by the shelter annually);

Participated in investigations regarding the humane treatment of animals including forensic examinations and forensic report development; provided opinions regarding veterinary forensic matters. Additional responsibilities included oversight of the veterinary medical team, behavior program, foster program, and all aspects of medical care for shelter animals; ensuring animals were cared for in accordance with generally accepted sheltering guidelines and standards; creation/maintenance of medical protocols and standard operating procedures (70+ protocols written); development of educational materials for the public; development of training materials for staff members; oversight of all veterinary clinic operations.

Veterinarian, Multiple Veterinary Clinics:

Veterinarian, Friendly Animal Clinic, Greensboro, NC (September 2021-April 2022)

Relief Veterinarian (March 2017–July 2019; July 2021-September 2021):

- Downtown Greensboro Animal Hospital, Greensboro, NC (July 2018-July 2019; 2021)
- Veterinary Hospital of Oak Ridge, Oak Ridge, NC (March 2017-July 2019)
- Lawndale Veterinary Hospital, Greensboro, NC (2017- 2019; 2021)

Veterinarian, Lawndale Veterinary Hospital, Greensboro, NC (January 2015-March 2017):

In addition to practicing small animal veterinary medicine (both wellness and sick patient care), also focused on staff training and development and pet owner education. Responsible for creating an annual staff training plan; developed training manuals for the technical, reception, and kennel staff; creator and author of the weekly blog; responsible for website design and maintenance; facilitated marketing and social media efforts; developed/ authored monthly newsletter and monthly client education materials for clinic and exam room. Training focused on all aspects of preventive care (wellness exams, lab work, vaccinations, heartworm/flea/tick/intestinal parasite protection, nutrition and healthy weight, life stage changes, dental health); feline friendly strategies; minimizing patient anxiety and stress while in the clinic; zoonotic disease awareness; animal welfare related concepts; and communication tools.

Relief Veterinarian (2006; June 2011-January 2015):

- Lawndale Veterinary Hospital, Greensboro, NC (October 2011-January 2015)
- Park Veterinary Hospital, Durham, NC (June 2011-December 2014)
- The Cat Hospital of Durham and Chapel Hill, Durham, NC (Jun 2011-Dec. 2014)
- Animal Emergency Clinic of Cary, Cary, NC (2006)
- Clayton Animal Hospital, Clayton, NC (2006)

Veterinarian, Park Veterinary Hospital, Durham, NC (May 2004-September 2006):

- Initiated, developed, and maintained weekly staff medical training sessions that empowered employees to function more effectively
- Acquired proficiency and gained confidence in the practice of small animal veterinary medicine; strived to provide the highest quality of veterinary care; interacted routinely with colleagues to decide optimal treatment plans for patients; gained understanding of teamwork; further developed time management strategies; formed positive relationships with colleagues and staff; developed effective client communication skills; refined ability to maintain professional attitude even in frustrating circumstances; emphasized consistent quality client education
- Responsible for running an in-clinic drug trial

Veterinarian, Mayfair Animal Hospital, Cary, NC (June 2003-May 2004):

- Initiated, developed, and maintained weekly staff medical training sessions that empowered employees to function more effectively
- Developed proficiency skills as listed above (under Park Veterinary Hospital)

Technical Services Veterinarian, Novartis Animal Health (June 2011-March 2015):

- Performed customer service and support by interacting with veterinarians, veterinary staff, and pet owners to answer questions and provide solid information around company products (including information on pharmacokinetics, pharmacovigilance data, and all product studies (safety, efficacy, tolerability, overdose, etc.))
- Collected key data regarding product use and response in animals and performed data mining activities
- Investigated reports of suspected adverse drug events, assessed individual cases for likelihood of a causal relationship between the drug used and the subsequent adverse event, and reported necessary information to appropriate regulatory health authorities
- Maintained strict adherence to internal and external deadlines for filing reports with regulatory health authorities
- Refreshed and maintained personal veterinary knowledge around company and non-company products as well as all veterinary disease areas
- Led, organized, and facilitated departmental veterinary rounds (created training materials, discussion focus groups, and additional development and learning opportunities)

- Organized and maintained internal department information storage databases
- Forged, refined, and further defined inter- and intra-departmental relationships through various individual projects and collaboration opportunities with the goal of enhanced communication, decreased work duplication, and stellar product and customer support
- Developed and implemented departmental new hire training materials; served as outside resource for Learning and Development Department training of new sales representatives

Thought Leader Select (2006-2011):

- **Senior Research Manager** (March 2010-May 2011); **Research Manager** (March 2007-March 2010); **Contract Researcher** (October 2006-March 2007)
- Intimately involved with all aspects of research for global Key Opinion Leader (KOL) assessments (including veterinarians, physicians, nurses, nurse practitioners, PhDs, and Payer KOLs) and global Center of Excellence (COE) assessments
- Maintained and utilized medical and scientific knowledge through involvement and contribution to all disease-based projects (selected project disease topics included endocrinology/ diabetes; cardiovascular disease; rheumatology; surgery; gastrointestinal disease; HIV; vaccines; infectious disease; respiratory disease; anesthesiology; surgery; pain management; oncology; hematology; ophthalmology; neurology; dermatology); Served as key expert for all veterinary KOL assessments
- Developed and maintained research contractor supply (increased contractor pool from three in early 2007 to over 50 people by 2010)
- Initiated, created, and refined training documents, training sessions, and email newsletters to facilitate learning and successful job performance
- Enhanced and refined management and multitasking skills by managing all aspects of research for building individual KOL and COE assessments (performed detailed assessment research, created and monitored project research timelines, trained and monitored research contractors, implemented assessment-specific quality control measures, and ensured timely delivery of final project deliverables)
- Managed research budget for all KOL and COE assessments
- Key contributor in crafting company's proprietary database structure and organization (at the user level)
- Liaison connecting the research department with both the marketing and IT departments

- Gained proficiency in Microsoft Word, Excel (including formulas, graphing, data manipulation and analysis), PowerPoint, complicated publication searches in PubMed and Web of Science

Other Past Work Experience:

Veterinary Student Representative, Novartis Animal Health, Raleigh, NC (September 2001-May 2003):

- Served as liaison between Novartis Animal Health and veterinary students; coordinated informational meetings, distributed marketing materials, and maintained current knowledge about Novartis Animal Health products

Crew-Chief, Small Animal Treatment Crew, North Carolina State University College of Veterinary Medicine, Raleigh, NC (August 1999-April 2002):

- Performed treatments on hospitalized patients; coordinated training sessions; developed new policies that decreased member frustrations and decreased turnover; generated monthly shift schedules

Veterinary Receptionist/ Assistant/Technical Staff Member, Multiple Veterinary Clinics (1998-2003):

- Performed duties related to animal care, animal treatments, and client interaction to develop proficiency and confidence in the skills surrounding the practice of veterinary medicine prior to graduating from veterinary school

Research Experience:

Joint Research Project between the Centers for Disease Control (CDC) and Guilford County Animal Shelter (May 2020):

- Worked with the CDC conducting research investigating SARS-CoV-2 in the animal shelter environment

Laboratory Rotation in Developmental/Molecular Biology, University of North Carolina (August 1998-May 1999):

- Conducted scientific experiments; performed microbiology and molecular biology techniques

Behavioral Biology Research Assistant, University of North Carolina (August 1997-July 1998):

- Participated in studies relating to kin selection and cannibalism; responsible for laboratory maintenance

Zoology Research Assistant, University of Florida (August 1996-May 1997):

- Studied morphological and systematic features of Crocodylians; performed data entry

Independent Research Project, University of Florida (June 1996-May 1997):

- Studied environmental effects on parental care in the Florida Flagfish; created and conducted scientific experiments, and analyzed data for statistical significance; became proficient with Microsoft Word and Microsoft Excel

Zoology Laboratory Technician, University of Florida (May 1995-May 1996):

- Assisted with data collection and experiments on sexual allocation in Gobiid fishes

Professional Development:

- Yearly attendance to a minimum of 20 hours of Veterinary Continuing Education (2003-Present)
 - **Veterinary Forensic Professional Development:**
 - International Veterinary Forensic Sciences Association (IVFSA) Annual Meeting, Virtual (May 12-13, 2021)
 - NC Animal Law Training (Topics: Search and seizure of animals; Civil and Criminal Disposition Laws; Dangerous Dog laws; Bond Process for animal cruelty cases; Jurisdictional authority of Animal Control vs. Law Enforcement in animal cases; State law on animal sheltering and stray animals; History of animal laws), North Carolina Animal Federation (NCAF) (September 23, 2020)
 - Virtual Day Seminar on Forensic Pathology (Topics: Introduction to veterinary forensic death investigations; Gunshot wounds and postmortem interval; Asphyxia including drowning; Scavenging/ decomposition and wildlife poisoning; Bone fractures and bias in examination/ testimony), Davis-Thompson Foundation (September 8, 2020)
 - International Veterinary Forensic Sciences Association (IVFSA) Annual Meeting, Portland, OR (May 16-18, 2018)
 - ‘Surviving the Courtroom’ Pre-Conference Workshop, International Veterinary Forensic Sciences Association (IVFSA) (May 15, 2018)
 - **Fear Free Professional Development:**
 - Fear Free Avian Certification (March 15, 2022)
 - Fear Free Elite Certification (October 11, 2020)
 - Fear Free Certification Level 2 (October 11, 2020)
 - Fear Free Companion Animal Euthanasia Course (October 5, 2020)

- Fear Free Pain Management: Quantifying Pain - Pain Scales and Scoring (October 6, 2020)
- Fear Free Noise Aversion and Nutraceuticals and Behavioral Medicine (October 6, 2020)
- Fear Free: The Impact of Pain (October 3, 2020)
- Fear Free Shelter Housing and Environment (September 26, 2020)
- Fear Free Shelter Intake and Admissions (September 26, 2020)
- Fear Free Shelter Program (September 19, 2020)
- **Shelter Medicine Professional Development:**
 - ASPCA Cornell Maddie's Virtual Shelter Medicine Conference (July 2020)
- **Wildlife / Exotics Professional Development:**
 - Wildlife Rehabilitators of NC 18th Annual Symposium (Topics included Rabies, the Disease and Vaccinations; Rabies Species Regulations; Beak Anomalies; Avian Necropsy Lab; Avian Physical Exam Lab)
- Attended Hill's Pet Nutrition Veterinarian Tour / CE (June 2014)
- Change Management Learning and Focus Group (Novartis Animal Health) (2014)
- Building Your Personal Brand Workshop (Novartis Animal Health) (2014)
- Unconscious Bias Workshop (Novartis Animal Health) (2014)
- Strengthfinders Assessment and Team Building Experiences (Novartis Animal Health) (2013)
- Multiple dialogue sessions with Animal Health Management Team to enhance understanding of business priorities and enhance communication opportunities (Novartis Animal Health) (2013)
- How to Handle Information Overload (online webinar) (2012)
- Creating High Impact Development Plans (Novartis Animal Health) (2012)
- Collaboration Skills in the Workplace (online webinar) (2012)

- Harnessing the Power of Excel Database Features (online webinar) (2012)
- Microsoft SharePoint 2010 Site Owner (Novartis Animal Health) (2012)
- Standard SharePoint Basic Training (Novartis Animal Health) (2012)
- 52 Ways to Get More Done (online webinar) (2012)
- Communicating Through E-Mail Top 10 Do's and Don'ts (online webinar) (2012)
- Wolfpack Leadership Conference (NCSU Continuing Education) (2011)
- Excelling as a Manager or Supervisor (private workshop) (2011)
- Becoming a Manager: Leading and Communicating (private workshop) (2011)
- Leadership Essentials: Building Your Effectiveness as a Leader (online webinar) (2011)
- Getting Results by Building Relationships (online webinar) (2011)
- Leadership Essentials: Leading with Emotional Intelligence (online webinar) (2011)
- Increasing Satisfaction by Working as a Team (Continuing Education) (2010)
- Conflict Management Skills (Continuing Education) (2008)
- High Impact Communication Skills (Continuing Education) (2008)
- Strategic Thinking (Continuing Education) (2008)
- Resiliency and Change Management Skills (Continuing Education) (2008)
Create a Winning Team with Effective Leadership (Continuing Education) (2008)
- Creating a Culture of Accountability (Continuing Education) (2008)
- Success in Veterinary Practice (two week short course on business management, personal finances, client communication, and effective employee management) (2002)
- Fundamentals of Career and Life Skills (two week orientation focusing on teamwork, Myers-Briggs personality types, values and life balancing, problem solving, and finances) (2001)
- Natural Helper (peer helper who listened to problems and encouraged counseling; learned and refined communication and listening skills) (1988-1994)

Professional Organizations:

- American Veterinary Society of Animal Behavior (AVSAB) (January 2022-Present)
- Association of Shelter Veterinarians (December 2019-Present)
- American Academy of Forensic Sciences (AAFS) Associate Member (March 31, 2021-Present); Trainee Affiliate (February 2019-April 2021)
- International Veterinary Forensic Sciences Association (IVFSA) (2017-Present)
- One Health Commission (OHC) (2015-Present)
- Veterinary Emergency and Critical Care Society (VECCS) (2015-Present)
- American Veterinary Medical Association (AVMA) (2003-Present)
- North Carolina Veterinary Medical Association (NCVMA) (2003-Present)

Committees:

- Member, Guilford County Animal Shelter Subcommittee on Pet Retention Resources (September 2018-July 2019)
- Member, International Veterinary Forensic Sciences Association Conference Planning Committee (May 2018-December 2019)
- Co-Chair, Bat Rabies Education Team, One Health Commission (March 2015-July 2019; Member 2015-Present)
- Member, One Health Commission K-12 Education Committee (December 2017-July 2019)
- Member, One Health Commission Inter-Task Force Committee (January 2018-July 2019)
- Member, New Product Launch Team Member, Novartis Animal Health (December 2012-March 2015)
- Member, TIP Proposal Review Committee, University of Florida Zoology Department (1996)

Speaking Experiences:

Academic Presentations / Teaching:

- ‘Evaluating Animal Abuse Cases Using Veterinary Forensics’, 2021 Indigent Defense Services (IDS) Forensic Science Education Series (November 4, 2021)
- ‘Veterinary Forensics’ virtual presentation, VetPAC 2020 Fall Seminar Series, NCSU (October 22, 2020)
- Guest Lecturer, ‘Public Health Prevention: Rabies’, NCSU CVM Epidemiology and Public Health Course (February 18, 2020)
- Panelist, Careers in Veterinary Medicine for 1st year veterinary students (11/4/2020; 11/11/2019; 11/5/2018)
- Co-presenter/facilitator, Veterinary Forensics Lab for 3rd year veterinary students, North Carolina State University College of Veterinary Medicine (2/16/2018)
- Veterinary forensics presentation, Shelter Medicine Selective, North Carolina State University College of Veterinary Medicine (12/10/2020; 4/23/2018)
- Speaker, Health Professionals Panel, University of North Carolina, Greensboro American Medical Student Association (10/19/2016)
- Pain Management, Senior Class Project Presentation, North Carolina State University College of Veterinary Medicine (04/2003)
- Teaching Assistant in Molecular Biology and Genetics, University of North Carolina, Chapel Hill, NC (August 1998-May 1999)
- Speaker, College of Liberal Arts and Sciences Undergraduate Research Symposium, University of Florida (05/1997)
- Speaker, Zoology Department Undergraduate Research Symposium, University of Florida (05/1997)

Conference Presentations:

- Presenter, ‘Investigating SARS-CoV-2 in an Animal Shelter: Investigation Strategies & Multi-Organizational Coordination with Unique Partners’, International Veterinary Forensic Sciences Association (IVFSA) 14th Annual Conference, Virtual (5/13/2021)
- Presenter, ‘The Web of Life: One Health Interconnections of Pets, People, and the Environment’, National Science Teachers Association (NSTA) Forum & Expo, Philadelphia, PA (7/13/2018)

- Speaker, Social Media to Increase Veterinary Business, Triad Hospital Managers' Meeting (07/14/2015)

Community Presentations:

- Trainer, Guilford County Pet Responsibility Program Training Meeting (8/5/2017)
- Speaker, The Link Between Animal Abuse and Interpersonal Violence, Guilford County Pet Responsibility Program Community Seminar (4/20/2017; 10/2/2017)
- Speaker, Greyhound Friends Open House – multiple veterinary topics Q&A (04/16/2016)
- Speaker, “Pet Responsibility”, Kids Care Club, Oak Ridge Elementary School (10/28/2015)
- Speaker, Greyhound Friends Open House “Pet First Aid and Emergencies” (10/18/2015)
- Volunteer and Speaker, Guilford County Pet Responsibility Program (presentations to 4th graders on responsible pet care) (August 2015-Present)
- Interview with WFMY News 2 “Kids Want To Know” Segment: “Why Can’t Horses Be Pink?” <http://www.wfmynews2.com/story/news/local/2-wants-to-know/2014/06/20/kids-want-to-know-why-horses-cant-be-pink/11142281/> (2014)

Grants:

- North Carolina Veterinary Medical Association (NCVMA) High Five Grant Recipient, utilized by the Guilford County Pet Responsibility Program (2017)

Journal Reviewer:

- Journal of Veterinary Forensic Sciences (2018-Present)

Publications:

Peer Reviewed:

- Caitlin M. Cossaboom, Alexandra M. Medley, Jessica R. Spengler, Esther A. Kukielka, Grace W. Goryoka, Tiffany Baird, Swity Bhavsar, Stefanie Campbell, Thomas S. Campbell, Daniel Christensen, Jillian A. Condrey, Patrick Dawson, Jeffrey B. Doty, Amanda Feldpausch, Julie Gabel, Dee Jones, Ailam Lim, Christina M. Loiacono, Melinda Jenkins-Moore, Andrea Moore, Clarissa Nouredine, Jorge Ortega, Keith Poulsen, Jane A. Rooney, John Rossow, Karen Sheppard, Emma Sweet, Robyn Stoddard, Rachel M. Tell, Ryan M. Wallace, Carl Williams and Casey Barton Behravesh. 2021. Low SARS-CoV-2 Seroprevalence and No Active Infections among Dogs and Cats in Animal

Shelters with Laboratory-Confirmed COVID-19 Human Cases among Employees.
Biology 10(9), 898; doi:10.3390/biology10090898.

- Nouredine C., Harder R., Olby N.J., Spaulding K., Brown T. 2004. Ultrasonographic appearance of Dandy Walker-like Syndrome in a Boston Terrier. Veterinary Radiology and Ultrasound July-August 45(4): 336-339.
- St. Mary, C.M., C.G. Nouredine and K. Lindstrom. 2001. Environmental effects on male mating success and parental care in the Florida Flagfish, *Jordanella floridae*. Ethology 107: 1035-1052.

Non-Peer Reviewed:

- (09/28/2016) Nouredine, C. Press Release: The One Health Commission Supports Bat Rabies Education in the Americas.
- (02/2015-07/2019) Weekly Veterinary Blog, Lawndale Veterinary Hospital (www.lawndalevets.com)

Awards & Honors:

- Weekly Blog for Lawndale Veterinary Hospital, written by C. Nouredine, was awarded the Top 100 Veterinary Blog Award (April 2017)
- Bravo Award, Novartis Animal Health: Awarded for work with Marketing Teams demonstrating creativity and innovation, customer/ quality focus, teamwork / collaboration (2012, 2013)
- Senior Student of the Year, Student Chapter of the Veterinary Emergency and Critical Care Society, North Carolina State University College of Veterinary Medicine (2003)
- C.M. Herndon Scholarship Endowment Recipient (2002-2003)
- Charles and Barbara Wilcox Scholarship Recipient (2001-2002)
- Virginia Beach Kennel Club Scholarship Recipient (2000-2001)
- NSF Predoctoral Fellowship, Honorable Mention (1998)
- University of North Carolina, Chapel Hill Fellowship Recipient (1997)
- College of Liberal Arts and Sciences Undergraduate Research Achievement Award, University of Florida (1997)
- Anderson Scholar with High Distinction, University of Florida (1996)

Community Outreach:

Veterinary:

- Volunteer Veterinarian, Forsyth Humane Society (October 2021-Present)
- Volunteer Veterinarian, Feral Cat Assistance Program (FCAP) (September 2021-Present)
- Volunteer, Guilford County Pet Responsibility Program (August 2015-2020)
- Volunteer, ASPCA Field Investigations and Response (FIR) Team (Spring 2016)
- Mentor for various high school and college students shadowing at veterinary clinic (2015-2017)
- Presentations on veterinary profession, pet safety and wellness to children in the public school systems (through classrooms, Career Fairs) (10/2011-07/2019)
- Participation in pet safety training for Safety Town (Greensboro Police Department) (2014)
- Member of Novartis Animal Health Pet Owners Interest Group (2013-2014)
- Participated in the “Ask a Vet” Booth at the Novartis Animal Health Pet Fair (2013)

General:

- Volunteer in classrooms, Oak Ridge Elementary School (August 2014-2018)
- Team Captain for Global Corporate Challenge – initiative to challenge employees to strive for regular physical activity and promote a healthy lifestyle (2013-2014)
- Volunteered with the Greensboro Special Olympics (2013)
- Sunday School teacher / Children’s Worship teacher (2011-2013)