

Rebecca Timmons, DVM

Summary:

Passionate and accomplished Veterinarian and Research Scientist with extensive experience in clinical practice, research, and leadership roles. Seeking opportunities to leverage expertise in veterinary medicine, research, and laboratory management to contribute effectively to a dynamic veterinary or research team. Passionate about providing high-quality care to animals, advancing veterinary science through innovative research, and mentoring future professionals in the field.

Experience:

CEO and Primary Relief Veterinarian of The Substitute Veterinarian PLLC

March 2022- Current

- Provide relief veterinary services- exam, dentistry, and surgery shifts
- Will see dogs, cats, as well as exotic pets
- Advocate for client education and providing information/handouts
- Experienced in working across various hospital settings, including exotic animal hospitals, city/downtown clinics, suburban clinics, and rural practices
- Emphasis in continuity of care and thorough documentation
- Serve as a consultant to help evaluate hospital workflow and to help optimize hospital profit and efficiency
- Consultant and offer DVM onboarding training for new graduates

Veterinary Surgeon - Eaton Veterinary Practice in Norwich, Norfolk, UK

October 2025 - April 2026

- Learned veterinary practice protocols, procedures, and regulations more specific to UK
- Expanded knowledge set of how to approach cases, client communication and skills in a different country/culture
- General practice with medicine, surgery, and dental procedures seeing cats, dogs, rabbits and some wildlife

Research Director for Volition Veterinary

August 2023 – June 2024

- Oversee research and development (R&D) department at Volition Veterinary
- Manage research collaborations, R&D budget, clinical studies, and research team
- Aid in data analysis and publications
- Lead strategic direction and execution of R&D initiatives
- Cultivate and manage research collaborations
- Direct laboratory projects, experiments, and laboratory team
- Ensure research aligns with company mission to enhance animal health
- Present and speak on behalf of the company at veterinary conferences and webinars

Contact Information:

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thesubstitutevet.com

Education:

Doctor of Veterinary Medicine at Colorado State University (CSU), College of Veterinary Medicine and Biomedical Sciences (CVMBS) in Fort Collins, CO | May 2017

Bachelor of Science in Microbiology with a Minor in Chemistry at CSU, CVMBS in Fort Collins, CO | May 2013

Nagasaki University of Foreign Studies in Nagasaki, Japan | March 2012- August 2012

Skills:

Veterinary Medicine:

- Surgery
- Dentistry
- Medicine in Cats, Dogs, Exotic Pets
- Palliative medicine and Hospice Care
- Basic Ultrasound Imaging
- Easily adaptable to workflow of hospital
- Well-versed in various veterinary management software
- Client Education
- Communication and Delegation
- Team Leadership

Associate Veterinarian- Southwoods Animal Hospital

June 2019-March 2022

- Expanded surgical skills including using CO2 laser for surgeries
- Introduced exotic pet medicine to Southwoods Animal Hospital, establishing it as a leading exotic pet clinic in Greensboro
- Extensive experience with a variety of exotic species, including hedgehogs, snakes, reptiles, rodents, ferrets, rabbits, fish, and avian species and others
- Proficient in basic abdominal ultrasonography
- Strong communication skills with a focus on client education and ensuring understanding of treatment plans
- Developed expertise in cytology and palliative care/hospice medicine
- Aided in hospital management, schedule efficiency, and team training

Lead Laboratory Scientist- 3iNanotech Inc.

April 2019 – February 2021

- Provided microbiology and laboratory expertise as a research consultant and scientist at 3iNanotech Inc.
- Contributed to the development and optimization of devices and protocols for point-of-care diagnostics in pre-hospital and bedside settings
- Utilized proprietary nanochip device employing optic sensing and microfluidics for detecting specific biomarkers related to various diseases. The main project focused on monitoring troponin T, a biomarker for cardiac damage, to facilitate early diagnosis of myocardial infarction (MI)

Associate Veterinarian- Banfield Pet Hospital

May 2017 – May 2019

- Primary Veterinarian at a stand-alone Banfield Pet Hospital with a focus on preventative medicine for dogs and cats
 - Including routine surgeries, dentistry, and urgent/emergent surgeries
- Treated exotic pet species and with a passion for surgery, cytology, and palliative care/hospice medicine

Laboratory Manager at CSU's Veterinary Teaching Hospital

June 2011- December 2016

- Served as head laboratory technician and laboratory manager in the Clinical Sciences Department at the Veterinary Teaching Hospital under Dr. Craig Webb
- Conducted clinical research focusing on chronic diseases in cats including chronic kidney disease, diabetes, and inflammatory bowel disease, as well as stem cell therapy modalities
- Primary responsibilities included assay development and optimization, laboratory training, and data analysis
- Experiment modalities included stem cell research, lymphocyte proliferation assays (LPAs), qPCR, ELISAs, spectrophotometry-based assays, flow cytometry, and antioxidant reduction assays

Skills:

Research:

- Research project and budget management
- Research collaboration management
- Clinical Study Design
- Team Leadership
- Laboratory management
- Assay Development and Optimization
- Protocol Optimization
- Stem Cell therapeutics
- PCR
- ELISA based assays
- Flow Cytometry
- Spectrophotometry based assays
- Surface Plasmon Resonance Assays

Leadership:

- Reverend Timmons at Universal Ministries- LGBTQ+ affirming; both traditional and non-traditional ceremonies | December 2016 - Current
- Advisory Chairman at Zoundz Therapeutic Sounds for Pets| July 2020- current
- Vice President of DVM Class 2017| August 2014-May 2017
- DVM Ambassador| January 2014-May 2017

Achievements:

- Author of the young adult murder mystery novels:
 - “The Story of Jess...and Her Dead Uncle's Undead Girlfriend” and
 - “The Story of Jess...and the Soldier of the Living Dead| Published August 2015 and May 2017
- Keynote Speaker of Graduating DVM Class May 2017
- One of two in the nation to receive research grant award from Chronic Gastroenterology Society| Spring 2015

Manuscripts:

Webb Lab:

- Rebecca Timmons, Craig B Webb. (2016) "Vitamin E supplementation fails to impact measures of oxidative stress or the anemia of feline chronic kidney disease: a randomized, double-blinded placebo control study". *Veterinary Medicine and Science*
- Rebecca Timmons, Stephanie Smith and Craig B Webb. (Manuscript submission) "A Randomized, Double-Blinded Placebo Control Study of a Novel Treatment for Feline Diabetes Mellitus: Antioxidant Supplement Targeting the Superoxide Radical"

Abstracts and Presentations:

Volition Veterinary:

Abstracts:

- International Veterinary Emergency and Critical Care Symposium September 2024. "Assessment of circulating and effusion nucleosome concentrations in canine spontaneous hemoperitoneum". Heinz JA, Timmons R, Antonio E, and Wilson-Robles HM.

Oral Presentations and IDEXX CE Webinars:

- "NuQ Vet Cancer Test: Early Detection with Canine Cancer Screening," Western Veterinary Conference (WVC). Las Vegas, Nevada. February 2024
- "Utilizing the NuQ Vet Cancer Test in Practice," Western Veterinary Conference (WVC). Las Vegas, Nevada. February 2024
- "Interpreting Results, Reading Emotions: Discussing NuQ Results with Pet Owners," Western Veterinary Conference (WVC). Las Vegas, Nevada. February 2024

Oral Presentations:

- "NuQ Vet Cancer Test: Early Detection with Canine Cancer Screening" London Vet Show. London, England. November 2023

Podcasts:

- "Early Detection, Innovation, and Compassion: Dr. Becca Timmons with Volition Veterinary!" Pets are Family Podcast with Moose's March. November 8th, 2023.

Webb Lab:

- Colorado State University's College of Veterinary Medicine and Biological Sciences Research Day at the Hilton by CSU in February 2016, poster session. "In Vitro Evaluation of the effects of pre-conditioning on female canine adipose-derived mesenchymal stem cell cytokine production". Stephanie M Smith, Rebecca M Timmons, Craig B Webb and Tracy L. Webb.
- Colorado State University's College of Veterinary Medicine and Biological Sciences Research Day at the Hilton by CSU in February 2015, poster session. "In Vitro Evaluation of the Effects of Pre-conditioning and Gender on Feline Adipose Derived Mesenchymal Stem Cell Cytokine Production". Rebecca Timmons and Tracy Webb.
- ACVIM General Meeting, May 2014 poster session. "Quantitative Comparison of Advanced Glycation End- Products in the Serum of Diabetic to Non-Diabetic Cats". Rebecca Timmons, Jeret Benson, Craig B. Webb.
- Colorado State University's College of Veterinary Medicine and Biological Sciences Research Day at the Hilton by CSU in February 2012, poster session. "Osmotic Fragility and Flow Cytometric Determination of Lipid Peroxidation in Feline Erythrocytes". Rebecca Timmons, Barbara Goodrich, Morgan Gillette, Craig B. Webb.

Volunteering:

Guilford Green Foundation
Greensboro, NC - Spring 2021

"Bark for Life" booth volunteer
Greensboro, NC - Fall 2019

ASPCA Vaccine Clinics in
Greensboro, NC- Fall 2018

Piedmont Wildlife Rehab in
Greensboro, NC -
January 2018-August 2019

Pet Hospice at CSU in Fort
Collins, CO
September 2013- May 2017

Greenwood Wildlife
Rehabilitation Center in
Longmont, CO- June 2015-
August 2015

Spay/Neuter EPAWA Clinic in
Burlington, CO -March-June
2015

Project Homeless Connect, Fort
Collins, CO
Spring 2014 and 2015

Wilusz Lab:

- National American Society for Microbiology General Meeting in May 2011 in New Orleans Louisiana, Poster Session. “How Dengue Viral RNAs Interface with the RNA Decay Machinery in Mosquito Cells”. Rebecca Timmons, Stephanie L. Moon, John R. Anderson, Alan Godwin.
- Celebrate Undergraduate Research and Creativity at Colorado State University 2010, Poster Session. “Characterization of the mRNA decay machinery in the mosquito *Aedes Aegypti*”. Rebecca Timmons, Justine Masselli, Alan R. Godwin, Alexa Dickson, Carol J. Wilusz & Jeffrey Wilusz.