



Research Experience and Publications

Grand Cayman Government Departments of Agriculture and Environmental Health

Research Assistant 2017- 2018

- *Salmonella* Study of wild, newly imported, and farmed chickens of Grand Cayman Island
- Assisted research by working with veterinarians at the Grand Cayman Department of Agriculture and Department of Environmental Health
- Performed laboratory techniques: necropsies, euthanasia, sterile laboratory techniques, bacterial isolation and culturing, interpretation of results, data analysis

Departments of Psychology and Pharmacology, UVM

Student Research Assistant 2011- 2014

Fuchs, J. R., Robinson, G. M., Dean, A. M., **Schoenberg, H. E.**, Williams, M. R., Morielli, A D., & Green, J.T. "Cerebellar Secretion Modulates Eyeblink Classical Conditioning." Learning & Memory 12.12 (2014).

- Examined the role of secretin, neuropeptide, and Kv1.2 protein, an alpha sub-potassium channel family, in cerebellum dependent learning of rats
- Proficient laboratory techniques: Rodent neurological and histological surgery placement of implants, pharmaceutical administration (neurologic infusions, subcutaneous, intraperitoneal, intramuscular) collect and analyze data, gather and prepare samples or fixed tissue for embedding and histological sectioning, cryostat, use of dissecting microscope, florescent microscopy (3-Dimensional Laser Imaging Microscope), various staining techniques, necropsy, restraint of laboratory animals
- Animal Care Team Research and Courses for policy and procedure training: Stereotaxic surgery, controlled substances, anesthesia, postoperative care, euthanasia, postmortem tissue analysis, BioSafety levels, biohazard disposal, Institutional Animal Care and Use Committee (IACUC) protocols including approved forms of euthanasia, Laboratory Animal Medicine course

Experience

Antech Diagnostics Laboratory

Lake Success, NY

Histology Technician August 2018- January 2019

- Microtomy: Effectively sectioned paraffin embedded tissue (soft, ocular, and bone tissues)
- Worked aside veterinarians to examine clinical pathology samples relating to hematology and oncology
- Collaborated with fellow technicians to aid in diagnosis of samples for The United States and Canada

Broadway Veterinary Care, Dr. Glenda B. Wexler, DVM

Hewlett, NY

Veterinarian's Assistant 2005- 2012; 2018 (May- August)

- Obtained, evaluated in-house or submitted laboratory specimen and cultures
- Personnel management through training, supervision, and education
- Performed ELISA SNAP assays performed for various virus and antibodies
- Aided doctor in daily: surgery, laboratory work, appointments, restraint of animals for various procedures and examinations, evaluating radiographs, phlebotomy, care of hospitalized animal

Cayman Island Department of Agriculture

Grand Cayman Island, British West Indies

Extern 2017- 2018

- Assisted government veterinarians with animal field cases and laboratory work
- Field casework skills: performed necropsies with supervision, wrote official government necropsy reports and updated laboratory notebooks; collection and preservation of pathological samples; examined laboratory cultures by sterile technique; phlebotomy, injections, medication administration; perform abattoir inspections with veterinarian and health evaluation of animals
- Processed and evaluated emergency animal(s) import and export official documentation
- Assisted with establishment of animal quarantine facility after natural disasters

Saint Matthews University School of Veterinary**Grand Cayman Island, British West Indies**

Laboratory Technician for Anatomy I and II Courses

2017- 2018

- Prepared, embalmed, and preserved specimen for anatomical structures customized specifically for courses
- Maintained laboratory and chemical records

Gulfstream State Park**Hallandale, FL**

Extern and Hot-walker

Seasonally 2016- 2018

- Under supervision of veterinarians and trainers- analyzed, monitored, and observed numerous injuries and Sprogression of healing: carpal joint injuries, bone degenerative diseases, fractures (facial sinus and thoracic limb), nerve damage, wound management, epiglottis endoscopy imaging, nutrition and diet analysis, drug therapy, laser therapy, nasogastric scoping for diagnostics and treatment progress, radiograph analysis, assisted and shadowed farrier
- Developed working knowledge base regarding the rules and regulations that govern horse racing

Animal Medical Center**New York, NY**

Extern of Clinical Veterinary Medicine and Surgery

Seasonal 2012- 2016

- Shadowed doctors on surgical services: Soft-Tissue and Orthopedic, Neurology, Interventional Radiology/Interventional Endoscopy, Dentistry, Emergency Room, and Intensive Care Unit
- Scrubbed into and assisted numerous surgeries
- Performed necropsy and cadaver work
- Attended daily rounds and appointments

Education**Saint Matthews University School of Veterinary Medicine (SMUSOVM)**

2017- 2018

Transfer student from RUSVM to SMUSOVM

Ross University School of Veterinary Medicine (RUSVM)

2014- 2016

Animal Science Professional Level Education Courses of Significance:

- Immunology, Bacteriology and Mycology, Virology, Epidemiology, Zoology, and Public Health, Laboratory Animal Medicine, Principles of Veterinary Research

University of Vermont (UVM) College of Agriculture of Life Sciences**Burlington, VT**

- Bachelor of Science in Animal Science

2010-2014

Certifications, Memberships, and Licensing**FEMA IS 10.a: Animals in Disasters- Awareness and Preparedness**

2019

State License- Florida Department of Business and Professional Regulation

2017- 2019

FEMA ICS 100.b: Introduction to Incident Command System

2018

FEMA ICS 200.b: Single Resources and Initial Action Incidents

2018

FEMA NIMS 700.b: An Introduction to the National Incident Management System

2018

Cayman Island Veterinary Medical Association – Member

2017- 2018

SCUBA Dive Master: National Association of Underwater Instructors

2007- Present