

# CURRICULUM VITAE

## Jonathon James Stone

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### Education:

Coursework Completed Towards a Ph.D., Biomedical Sciences – Infectious Disease, Tufts University,

Mentor: Dr. Jonathan A. Runstadler, 2019-2023

D.V.M., Tufts University, 2022

BSc. Hons., Biology, Rochester Institute of Technology, 2016

### Professional Experience:

2022 – Present Veterinarian, Banfield Pet Hospital – Newton (5323)

2019-2023 Graduate Research Fellow, Tufts University

2015-2018 Director of Processing & Surgeon Relations / Laboratory Manager, The Sight Society of Northeastern New York, Lions Eye Bank at Albany & Rochester

2012-2016 Undergraduate Research Fellow, Rochester Institute of Technology

2014-2015 Zoo Keeper Intern, Seneca Park Zoo

2014-2015 Veterinary Assistant, Rochester Animal Services

Summer 2013 Undergraduate Research Fellow, University of Montana

### Research Interests:

Emerging Infectious Disease, Comparative Pathology, Virology, Host-Pathogen Interaction, Genetics, Gene Regulation, Bioinformatics, and Computational Biology

### Funding:

Tufts University Cummings School of Veterinary Medicine NIH Summer Research Grant, 2019-2020

Elizabeth A. Lawrence Endowment Fund Community Outreach Grant, 2019

RIT College of Science Student Faculty Research Grant, 2012-2016

RIT College of Science Summer Research Grant, 2015

University of Montana NSF Research Experience for Undergraduates (REU), 2013

### Publications:

#### Accepted for Publication:

1. Puryear, W, et al. "Highly Pathogenic Avian Influenza A(H5N1) Virus Outbreak in New England Seals, USA." *Emerging Infectious Disease* (2023).

#### Peer Reviewed:

1. Sawatzki, Kaitlin, et al. "Host barriers to SARS-CoV-2 demonstrated by ferrets in a high-exposure domestic setting." *Proceedings of the National Academy of Sciences* 118.18 (2021).
2. Yoon, C. *et al.* Quantitative assessment of human donor corneal endothelium with Gabor domain optical coherence microscopy. *J. Biomed. Opt.* 24, 1 (2019).

#### Conference Proceedings:

1. Canavesi, C. *et al.* 3D cellular imaging of the cornea with Gabor-domain optical coherence microscopy. in *Proc. SPIE 10867, Optical Coherence Tomography and Coherence Domain Optical Methods in Biomedicine XXIII, 108670F* (2019). doi:10.1117/12.2507868
2. Yoon, C. *et al.* Quantitative assessment of human corneal endothelium with Gabor-domain optical coherence microscopy. *Int. J. Eye Bank.* 6, 4–5 (2018).
3. Soper, M. & Stone, J. DMEK scroll scoring scale to facilitate a preferred configuration.

- Int. J. Eye Bank.* **6**, 1 (2018).
4. Habib, M. M., Abessi, B., Eden, R. A., Stone, J. & Schultze, R. L. Effect of death-to-preservation time on postoperative endothelial cell mortality. *Int. J. Eye Bank.* **5**, 3 (2017).

### **Honors and Awards:**

Honos Civicus, Tufts Jonathon A. Tisch College of Civic Life  
Exceptional Service Award for Faculty and Staff, Tufts CSVM  
Outstanding Undergraduate Scholar, RIT  
Research Scholar, RIT Gosnell School of Life Sciences  
Baldwin Award, RIT Gosnell School of Life Sciences

### **Teaching Experience:**

Lab Instructor, Tufts University, 2022  
Veterinary courses in Microbiology  
Teaching Assistant, Tufts University, 2019-2022  
Veterinary courses in Microbiology  
Teaching Assistant, Rochester Institute of Technology, 2013-2014  
Undergraduate courses in Introductory Biology and Microbiology  
Tutor, Sojourner Home, 2014-2016  
K-12 level courses, GED Prep, College Prep (SAT / ACT)  
Teaching Assistant, Oregon High School, 2010-2012  
High School (9-12) level courses in Chemistry, Biology, Biochemistry, and Biotechnology  
Tutor, Oregon School District, 2010-2012  
K-10 level courses in Science and Math

### **Professional Activities and Academic Service:**

2021-2023 Board Member, National Association of Veterinary Scientists  
2018-2023 Deceased Animal Donation Committee, Cummings School of Veterinary Medicine, Tufts University  
2018-2021 Admissions Ambassador, Cummings School of Veterinary Medicine, Tufts University  
2019-2020 PhD Ambassador, Cummings School of Veterinary Medicine, Tufts University  
2018-2019 Professional Development Committee, Tufts Student American Veterinary Medical Association  
2014-2016 President, Pre-Vet Student Association, RIT  
2015-2016 Community Outreach Committee Chair, Pre-Health Student Association, RIT

### **Professional Affiliations:**

American Veterinary Medical Association (AVMA)  
Massachusetts Veterinary Medical Association (MVMA)  
American Society for Virology (ASV)  
American Association of Veterinary Laboratory Diagnosticians (AAVLD)  
United States Animal Health Association (USAHA)

**Current Licenses:**

Massachusetts Board of Registration in Veterinary Medicine License 9344-VT  
Massachusetts Controlled Substance Registration  
DEA License

**Current Professional Liability Insurance:**

AVMA PLIT: VETPRO329597 (\$1,000,000 per occurrence / \$3,000,000 aggregate)

**Additional Education and Certifications:**

Fear Free Certification Level 3, 2022  
Recover CPR: Basic & Advanced Life Support, American College of Veterinary Emergency and Critical Care, 2022-2024  
Certified Eye Bank Technician (CEBT), Eye Bank Association of America, 2016 – 2019