

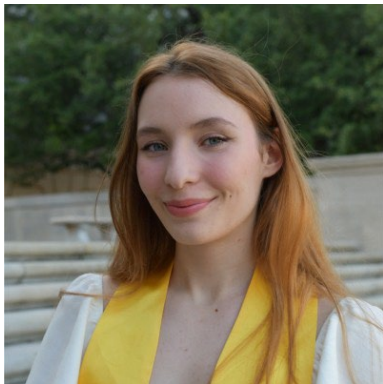


Biomedical and Biological Sciences (BBS)

2025-26 Interview/ Recruitment Event

BS/ MS seeking PhD Recruits

A portrait of Victoria Abramczuk, a young woman with long dark hair and glasses, wearing a dark blue top.	<p>Victoria Abramczuk Molecular and Cellular Medicine</p> <p>Hello! I live in Lebanon, Pennsylvania and have a B.S. in Biology from Bucknell University. This summer, I researched nephron ion channel inhibition at the University of Pittsburgh. At Bucknell, I imaged meiotic chromosome segregation in spiders and characterized a novel <i>Paracoccus</i> bacterium. I love cell biology & biochemistry and am excited to explore aging and DNA damage & repair mechanisms.</p>
A portrait of Allison Bailey, a young woman with long wavy brown hair, wearing a grey blazer over a black top.	<p>Allison Bailey Zoology and Wildlife Conservation</p> <p>I am a research scientist with a background in infectious disease epidemiology and disease ecology of zoonoses. I currently live in Holmdel, NJ and work for the Smithsonian Institution (NZCBI) studying the zoonotic risk from the importation of wildlife. My previous projects have included conservation impacts in Liberia, malaria risk in tropical landscapes, and climate influences on Lyme disease.</p>
A portrait of Ellie Bourgikos, a young woman with dark hair, wearing a light-colored blazer.	<p>Ellie Bourgikos Population Medicine and Epidemiology</p> <p>I am currently working as a Postgraduate Associate in the Grubaugh and Vogels Labs at the Yale School of Public Health, and recently graduated with my MPH! My thesis analyzed the evolution and ecology of Jamestown Canyon virus. I have a particular interest in using methods of genomics and phylogenetics to investigate emerging viruses, specifically ecological barriers impacting their transmission!</p>



Hanan Brower-Drihem
Immunology and Infectious Disease

I'm Hanan Brower-Drihem and I'm from Austin, Texas. I graduated from UT Austin in December 2024 with a B.S. in Microbiology and Infectious Diseases. My research spans microbiology, ecology, immunology, and synthetic biology. I'm continuing synthetic biology research in Dr. Ellington's lab this spring. I'm particularly interested in host-microbe interactions but open to other research topics.



Grace Christensen
Immunology and Infectious Disease

I am originally from North Dakota and graduated with a B.S. in Microbiology from Colorado State University. I am currently a lab manager and technician at the Detweiler Lab at CU Boulder, where I am working on uncovering mechanisms of Gram-negative bacterial virulence and new ways to combat these pathogens. I am also interested in studying immunological responses to infection and host aberrancy.



Mike Cleary
Molecular and Cellular Medicine

I'm originally from New Jersey, completed my undergraduate studies in Vermont, and am currently working in Boston, MA. My background includes experience in diagnostic assay development, and in my current role, I work with planaria, utilizing RNAi to explore questions about regeneration. I have a strong interest in translational research and have always been passionate about infectious diseases.



Emma Cooper
Molecular and Cellular Medicine

I am originally from Eden, NY, and moved to Rochester for college. I have researched cancer biology at Roswell Park Cancer Institute, focusing on genetic involvement in breast cancer. I also have experience researching autosomal recessive genetic disorders including MPS IIIA, a lysosomal storage disorder. I am interested in biochemistry and molecular medicine, including disease biology and cancer.



Jacqueline (Jackie) Edmonds
Immunology and Infectious Disease

I'm from Stanwood, WA and earned a BS in Microbiology from Washington State University, where I studied food-borne illness and host-pathogen interactions. I now live in Seattle, WA and study cell state changes using human induced pluripotent stem cells. I'm interested in understanding how immune cells sense and function in complex environments. Outside of the lab, I love reading, yoga, and coffee!



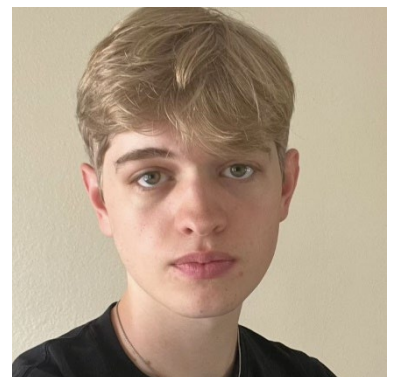
Nadia Grishanina
Molecular and Cellular Medicine

I am from San Francisco, finishing my undergraduate molecular genetics degree at UCLA. My research experience comes from UCSF and UCLA, encompassing multiple levels of cancer from non-coding RNA regulation of tumor-suppressive responses to formation of intratumoral heterogeneity. I am interested in characterizing and targeting mechanisms of tumor initiation, progression, metastasis and recurrence.



Kyle Heard
Translational Medicine

I'm from Chicago, Illinois, and attend the University of Michigan majoring in Biochemistry. My research experiences include studying hypertrophy vs hyperproliferation in adrenal hyperplasia, cardiovascular urea production, and chemoproteomics at the Novartis Institute for Biomedical Research. I am excited about innovating chemo-proteomic techniques to advance therapeutic approaches and detections.



Mason Hillers
Immunology and Infectious Disease

Technically speaking, I'm a Baltimore native (although I've lived longer in California and Mexico). At UC Berkeley, my research focused on engineering E. coli to produce biofuels and biodegradable plastics. However, I am interested in all things bacteria, particularly mechanisms of pathogenesis, antibiotic resistance, interactions with the host immune system, and vaccine development.



Maya Homsy King
Zoology and Wildlife Conservation

I currently work for the Wildlife Conservation Society in Fairbanks, Alaska as a One Health social scientist. I grew up in Kampala, Uganda and did a Master's in Public Health focused on Global Health and Environment. My main research interests include mixed methods projects on prevention of zoonotic spillover and the intersection of human and wildlife health and conservation practices.



Anna Jaeggi-Wong
Immunology and Infectious Disease

I grew up in California, but have lived on the East Coast since 2018- first at Brandeis University in Waltham, MA as an undergraduate and now as a postbac at the NIH in Bethesda, MD. My research focuses on how external pressures, such as antibodies, impact influenza A virus particle shape. In grad school, I would like to study host-pathogen interactions and the immune responses to human pathogens.



Andie Jian
Population Medicine and Epidemiology

I'm from Chicagoland and am now a 2nd-year Epidemiology master's student at UC Davis. In undergrad at Cornell, I worked in Dr. Walter Butler's dairy cattle genetics lab. At Davis, I work in Dr. Pranav Pandit's lab, modeling emerging zoonotic diseases. I aim to use One Health perspectives to predict disease transmission in humans and wildlife, looking at environmental and anthropogenic influences.



Laurel Kastner
Molecular and Cellular Medicine

I'm a laboratory technician at the Albert Einstein College of Medicine with over 3 years of full-time research experience. My work spans many scientific topics such as biotechnology, stem cells, and pathology at institutions including Yale University and Roswell Park Cancer Center. I am interested in pursuing a PhD in translational research in neuropathology or regenerative biology.



Declan Kehlback
Immunology and Infectious Disease

I am from Frederick MD, where I worked as a veterinary technician and studied Animal Science at the University of Maryland. My main project focuses on developing avian organoids to study host response and disease outcome of avian reovirus isolates. I am interested in understanding virus-host interactions involved in pathogenicity and immune response for future development of animal therapeutics.



Abby Keith
Molecular and Cellular Medicine

I'm from Dartmouth, MA and graduated in 2023 from the University of Pittsburgh with a BS in molecular biology and minors in neuroscience and chemistry. I'm currently a postbac fellow at the National Institute of Mental Health working on GPCR signaling pathways in Dr. Lee Eiden's lab. My interests include signaling cascades, immunology, stem cells, and protein quality control!



Radia Khan
Molecular and Cellular Medicine

I grew up in Bangladesh and studied Bioengineering at NTU in Singapore, working on population genomics and COVID-19 diagnostics using CRISPR/Cas12a. During my master's at EPFL in Switzerland, I developed platelet-based drug delivery systems. Currently, at Dana-Farber Cancer Institute/Harvard Medical School, I focus on improving CAR T-cell therapy. I aim to advance immunotherapy for solid tumors.



Sang Kim
Immunology and Infectious Disease

Hello! My name is Sang, and I come from a small farm town near Busan, South Korea. Previously, I studied humoral immune responses such as neutralizing antibodies in HIV-1 non-suppressible viremia. With my background in farming and virology, I am interested in zoonotic diseases, host-pathogen interactions, mechanisms behind spillovers and immunological interventions to viral pathogenesis.



Kathy (Gyehyun) Lee
Translational Medicine

I was born in South Korea and moved to San Francisco at nine. As an undergraduate at UC Davis, I studied spina bifida treatments using stem cells and developed microfluidic devices to study cell heterogeneity. Now, I work in the UCSF Kattah lab researching inflammatory bowel disease using multi-omic approaches. I'm excited to develop new skills during my PhD to eventually lead my own lab.



Hanchen Lin
Translational Medicine

I am from China and earned a bachelor's degree in Pharmaceutical Sciences at Tsinghua University. Then I completed my master's degree in Biotechnology at Northwestern University. My master's research focused on precision targeting lactate transport in tumor-associated myeloid cells for enhanced glioblastoma treatment. I am interested in developing novel cancer therapeutics during my PhD study.



Taylor McGee
Immunology and Infectious Disease

I grew up near Chapel Hill, NC, and decided to go to a small liberal arts college in south-central Virginia, Hampden-Sydney College. After graduating, I completed a two-year post-bac research experience at the NIH under Dr. Mattia Bonsignori. There I primarily studied antibody responses to Zika and Dengue virus. I am really interested in hierarchies of immunodominance and immunogen design.



Anna Meglan
Immunology and Infectious Disease

I'm from Westwood, MA and graduated from Northeastern University with a BS in Biochemistry. My research has ranged from small molecule synthesis of anti-malarials, to creating antibody therapeutics to activate macrophages against cancer. I now want to understand viral/microbial immune responses in humans and animals. The majority of my free time is spent at the barn horseback riding.



Nelson Mukuka
Immunology and Infectious Disease

My name is Nelson Mukuka and I am an international student from Zambia. I grew up in a small copper producing town and this is where I draw my interest in science and research. I have spent the past 1.5 years researching the topic of gene and transcription factor expression across age. I am interested in understanding the interplay between T cells and antigens especially in infectious diseases.



Eliza O'Donnell
Translational Medicine

I graduated from St. Lawrence University in 2023 and currently live in Somerville, Massachusetts. For the past two years I have been working at Beth Israel Deaconess Medical Center in the Rosen and Tsai labs where I have been studying obesity and metabolism using mouse and cell line models. I am interested in understanding the cellular mechanisms involved in mammalian reproduction.



Adrian Palumbo
Molecular and Cellular Medicine

I'm Adrian Palumbo from Chandler, AZ. My research spans studying the biogenesis and trafficking NMDA receptor pathogenic variants and how to pharmacologically rescue them, as well as metabolic studies of non-tuberculosis mycobacteria. I'm interested in the structural basis behind protein-protein interactions and applying computational and biochemical methods to study the networks they're apart of.



Mayuri Patel
Molecular and Cellular Medicine

I was born and raised in Nashik, India, and currently live in Boston, MA. My research focuses on mTORC1 signaling in Tuberous Sclerosis (TSC), a rare genetic disorder, and the novel role of transcription factor TFEB in regulating the extracellular matrix in the context of TSC. I am eager to explore intercellular interactions and regulatory mechanisms underlying cellular dysfunction and disease.



Madeline (Maddie) Perry
Molecular and Cellular Medicine

I am traveling from Chicago, IL where I am a Master's student in the Reproductive Science and Medicine program at Northwestern University. My research is interested in investigating the impacts of dysregulated corpus luteum regression on multinucleated giant cell formation in the aging ovary. I am especially interested in reproductive aging, contraceptive development, and reproductive pathologies.



Quinton Reed
Immunology and Infectious Disease

I grew up in Hagerstown, Maryland. For college I went to William and Mary for a bachelors degree in biology with a minor in data science. Currently, I live outside of Baltimore where I work in an immunology research lab for NIH's National Institute on Aging. In my free time (which is few and far between) I rock climb and have recently gotten in to visual art.



Jack (John) Reid
Translational Medicine

I was born in Canada, and I have lived in Orange County, CA since I was 6. I graduated from UCLA, where I did gene therapy research in hematopoietic stem cells with Dr. Donald Kohn. Since graduation, I have been working at UC Irvine, conducting an independent project on 3' RNA processing machinery with Dr. Yongsheng Shi. I am interested in gene editing as it relates to immunology and cancer.



Rose Runyan
Molecular and Cellular Medicine

I am traveling to Ithaca from Bethesda, MD, where I am a postbaccalaureate fellow investigating homolog pairing and recombination during meiosis in insect models. Previously, I have performed genetic monitoring of a reintroduced population of swift foxes. I am interested in studying genetics to understand the molecular basis of animal reproductive health and disease.



Sam Sanderson
Molecular and Cellular Medicine

Sam Sanderson grew up in Bath, Michigan, and earned his Bachelor of Science in Biochemistry from Michigan State University in 2024. His in-vitro and in-vivo work in Dr. Sachi Horibata's lab studied how tubulin polymerization promoting protein 3 (TPPP3) affects ovarian cancer growth and cisplatin resistance. Sam is interested in studying cancer progression, treatment, and therapeutic resistance.



Cathy (Zhen) Shen
Immunology and Infectious Disease

I am from Hangzhou, China. My previous work targeted metabolic pathways in acute respiratory distress syndrome (ARDS) for potential therapy. I further explored hyperoxia-induced injury caused by mechanical ventilation in supporting patients with severe lung injury. I am interested in how immune cells help tissues maintain homeostasis against inflammation how this brings new therapeutic insights.



Mingmar Sherpa
Immunology and Infectious Disease

I am Mingmar Sherpa, originally from Solukhumbu, Nepal, the home of Mount Everest, the world's highest peak. I completed my undergraduate studies at the University of Alabama at Birmingham. I have research experience in epigenetics, nephrology, and cell biology. My primary research interest lies in cancer biology, particularly in unraveling the mechanisms behind tumor initiation and progression.



Keerthana Thirunavukkarasu
Translational Medicine

Hi, I'm Keerthana! I grew up in Singapore and now hail from Basking Ridge, NJ. I'm a biotech and biochem double major at Rutgers where I've researched botanical therapeutics for human health. During the summers, I've researched immunology-based therapeutics which motivates me to continue my journey in therapeutic development for infectious diseases with a translational immunology focus at Cornell.



Leo Wang
Translational Medicine

I am from Beijing, China, and my previous research focused on the genetic and epigenetic regulation underlying Rett Syndrome. I am passionate about exploring the molecular and cellular mechanisms of neurological disorders. My interests include applying computational methods, single-cell transcriptomics, interdisciplinary approaches, and translational research to identify novel therapeutic targets.



Karley Whalen
Translational Medicine

I received a Bachelor's degree in Biology from Ithaca College, where I conducted research in microbiology and immunology while also competing as a student-athlete. I'm currently a Research Associate at Dana-Farber Cancer Institute in Boston, working in a lab studying the abnormal biology that drives myeloid malignancies. I'm interested in studying cancer, translational biology, and immunology.

DVM seeking PhD Recruits



Taylor Haefs
Zoology and Wildlife Concentration

I am currently a wildlife veterinary intern in Snohomish, WA and my hometown is Santa Clarita, CA. I have participated in research regarding animal behavior and welfare in dairy cows and calves as well as a pre-clinical safety study for a biopsy device in dogs. My primary interests are wildlife conservation, health, and welfare, as well as the One Health approach.



Krystyna Hargitaiova
Translational Medicine

Hi, I come from a town called Rtyne v Podkrkonosi in the north-eastern Czech Republic. I have experience with equine and murine clinical and pre-clinical orthopaedic research as well as various histology techniques and basic cell culture. I aim to pursue translational orthopaedic and wound healing research during my graduate study at Cornell.



Daco (Danh) Lai
Immunology and Infectious Disease

Growing up on a small pig farm in rural Vietnam, I witnessed disease outbreaks that ignited my passion for veterinary science and virology. After earning my DVM from Nong Lam University, I began pursuing a master's degree at the University of Nebraska-Lincoln, focusing on lipid nanoparticle DNA vaccines. My research interests include viral pathogenesis, molecular evolution, and vaccine innovation.



Maya Schlesinger
Immunology and Infectious Disease

I was raised in central New Jersey before heading to University of Connecticut for my Bachelor's degree, and then University of California - Davis for my DVM. Currently, I am completing a residency in Anatomic Pathology at UC Davis and study histiocytic hepatitis in dogs. I am interested in lymphocyte-histiocyte interactions in disease, and I have previously worked on wildlife viral phylogeny.



Ryan Thompson
Translational Medicine

I am a final year Veterinary Medicine student at the Royal Vet College, London but I am originally from Renton, Washington. I completed my bachelor's and master's degrees at Washington State University. There I spent 6 years in the Skinner laboratory studying the mechanism of epigenetic transgenerational inheritance. I am particularly interested in cancer biology and translational research.



Henry Wamala
Population Medicine and Epidemiology

I'm a Ugandan veterinarian (Makerere University, BVM) pursuing a Master of Preventive Veterinary Medicine at UC Davis on Fulbright scholarship. My Mercy Corps/USAID experience involved evidence-based animal health and food security interventions. I'm interested in researching and developing sustainable solutions for neglected livestock infectious and zoonotic diseases in marginalized communities.

Combined DVM- PhD Recruits



Maxwell Bales

Hi! My name is Maxwell Bales. I am from Farmington, NM, now working in the Van Wolfswinkel lab at Yale University focusing on the characterization of testicular degeneration and regeneration dynamics in planaria. My goal is to continue studying infertility, germline stem cells, the mechanisms of reproductive maintenance, and reproductive signaling networks for regenerative veterinary applications.



Erin Bogacki

A PA native and current Philadelphian, my research interests have grown both locally and abroad, spanning the studies of Tokay gecko locomotion, genetic risk factors of Parkinson's disease, and the development of cellular and organoid models of disease. Combining my passions, I am now interested in translational models that further our knowledge and treatment of both veterinary and human diseases.



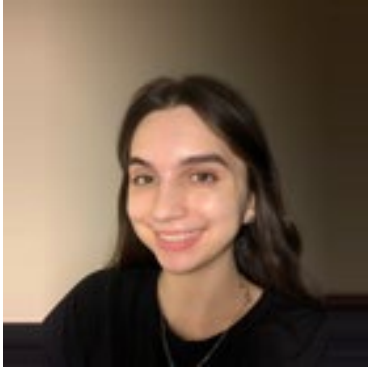
Lincoln Hopkins

Lincoln is originally from southern Oregon and attended the University of Oregon studying ecology and music. He moved to California where he worked in an infectious disease laboratory studying vaccines, HIV, and the microbiome. He has recently completed his Master of Public Health at Johns Hopkins and is interested in researching host-pathogen interactions and how they affect population health.



Jasmine Mackley

Jasmine is from Hershey, PA and is currently pursuing a double major in Immunology & Infectious Disease and Veterinary & Biomedical Sciences at Penn State University. She has worked on diverse research projects spanning the gut-brain axis, germline gene editing, canine anaplasmosis, and Salmonella Dublin. In the future, she plans to research emerging zoonoses and the human-wildlife interface.



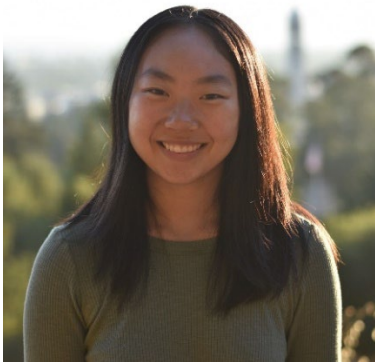
Caroline O'Rourke

I am a senior biology major at The College of New Jersey and I grew up in Bayonne, NJ. I currently research how prion-like proteins can regulate RNA splicing in yeast. I was also involved in biomedical engineering research in bone biomechanics. I hope to pursue a government career and specialize in laboratory animal medicine. I also love to play piano, garden, and crochet!



Braxton Sizemore

Originally from rural southwest Georgia (a small town called Thomasville), I have experience across a variety of disciplines including neuroscience and oncology, community ecology, animal welfare and endocrinology, and infectious disease. I'm interested in studying disease ecology, particularly the eco-evolutionary dynamics that shape host-pathogen relationships and biological communities.



Clare Wang

Hi everyone! I'm Clare Wang, a first year Cornell DVM student. I'm from Newbury Park, California and attended UC Berkeley where I researched the functional consequences of differing tail lengths in house mice. I participated in VIP last summer with Dr. Fiorella and Dr. Getchell examining fish health in tilapia aquaculture. I'm interested in infectious diseases and pathology related to One Health.



Emma Yonker

I am a recent postbaccalaureate researcher at Hope College from Holland, MI. I study multimodal sensory (i.e., auditory and visual) processing in songbirds across an urbanization gradient. My research interests currently lie in wildlife conservation and small/large animal regenerative medicine encompassing the One Health initiative.