

Vy N. Truong

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EDUCATION

Seoul National University (SNU), Seoul, South Korea
Master of Science, Veterinary Biomedical Sciences

September 2023-Present

Louisiana State University (LSU), Baton Rouge, Louisiana
Bachelor of Arts, International Studies

August 2019-May 2023

RESEARCH AND WORK EXPERIENCE

Graduate research assistant, SNU School of Veterinary Medicine, Seoul, South Korea **September 2023-Present**

- Analyze physiological responses of butterfly species to thermal stress, focusing on thermal tolerance and buffering mechanisms.
- Identify species most at risk from climate change and rising temperatures by assessing the impact of environmental factors on their survival and adaptation.
- Investigated QSOX2 as a potential biomarker for breast cancer using mouse knockout models and in vitro breast cancer cell cultures.
- Conducted in vivo studies by injecting cancer cells into mice to evaluate tumor growth and progression, analyzing the role of QSOX2 in tumor development.

Diversity council intern, Seoul National University, Seoul, South Korea **September 2024- December 2024**

- Collaborated with a diverse team to establish a safe, inclusive space for both international and Korean students to engage in open discussions on sensitive gender-related topics.
- Facilitated dialogues on issues such as domestic violence, dating culture, and gender health through workshops and events that promote understanding and foster a supportive community for students of all backgrounds.
- Coordinated with counseling services to connect students with resources for further support on gender-related matters.

Veterinary assistant, LSU SVM Small Animal ICU Unit, Baton Rouge, Louisiana **July 2022-August 2023**

- Assisted with triage, patient care, administration of drugs, placement of IV and urinary catheters, and other various treatments.
- Managed clients facing relationship of LSU SVM Veterinary Teaching Hospital during emergency operations and collected patient's blood for analysis.
- Monitored critical care patients through shifts and assisted with any canines/felines needing special attention.

Research technician, LSU School of Veterinary Medicine, Baton Rouge, Louisiana **May 2023-August 2023**

- Conducted QPCR analysis on mice tissue samples in Dr. Johnston's laboratory, contributing to ongoing research on liver fatty disease.
- Executed PCR amplification techniques to study viral genomes, aiding in the understanding of GPXV.
- Contributed to the sequencing of genomic DNA of the herpesvirus, utilizing cutting-edge techniques to unravel genetic insights and potential therapeutic targets.

Research assistant, LSU School of Veterinary Medicine, Baton Rouge, Louisiana **February 2022-May 2023**

- Worked on measuring FGF19 serum levels in dogs with gallbladder mucoceles and aid in developing tools that will allow veterinarians to study the canine gut-liver axis.
- Assisted in performing simple research procedures on the mechanisms of genetically engineered vaccines against bovine herpesvirus type 1 (BHV-1) and equine herpesvirus type 1 (EHV-1).
- Offered animal DNA sequencing services through GeneLab via PCR and thermocycler.

Research assistant, Haam Neuroscience Laboratory, Baton Rouge, Louisiana **May 2021-August 2021**

- Responsible for administering injections, feeding, cleaning, and handling lab mice.
- Examined changes in synaptic and firing activities of neurons through electrophysiological recordings.
- Assisted with adding primary and secondary antibodies to normal goat serum.

Intern, Sexual Trauma Awareness & Response (STAR), Baton Rouge, LA **February 2021-May 2021**

- Designed and distributed visually engaging social media graphics for Sexual Assault Awareness Month (SAAM) and National Crime Victims' Rights Week, increasing outreach and public engagement.
- Analyzed pre- and post-survey data from local schools to assess students' understanding of healthy relationships, identifying key trends to guide educational program improvements.
- Assisted in organizing workshops and events to promote awareness of sexual violence prevention, fostering dialogue among youth and community stakeholders.

Research assistant, LSU Superfund Research Center, Baton Rouge, Louisiana **June 2020-December 2021**

- Assisted the community engagement core in terms of environmental literacy, collective action, and resilience.
- Helped support research work through data collection, data analysis, and creating pamphlets.
- Used qualitative content analysis to develop themes about how risk, scientific uncertainty, and environmental equity were portrayed in two communities with hazardous waste sites.

Office assistant, LSU Office of Multicultural Affairs, Baton Rouge, Louisiana **August 2019-May 2020**

- Managed the front desk by greeting students, answering inquiries about multicultural programs, and directing visitors to appropriate resources or staff members.
- Assisted in organizing cultural events, including coordinating event logistics, preparing materials, and maintaining accurate attendance records for diversity initiatives.
- Maintained office efficiency by tracking inventory, preparing communication materials, and updating databases to support outreach and engagement efforts.

INVOLVEMENT

Community consulting expert, ACLU Louisiana, Baton Rouge, Louisiana **February 2025- Present**

- Collaborate with litigation experts, attorneys, and law firms to provide localized insights on policing practices and civil rights cases.
- Offer strategic feedback and lived-experience perspectives to ensure litigation efforts align with community needs and broader racial justice goals.
- Participate in monthly consultations to inform legal strategy, support advocacy efforts, and strengthen community-law partnerships.

Central executive committee, SNU Graduate Student Council, Seoul, South Korea **February 2025- Present**

- Represent the interests of graduate students by coordinating initiatives, policies, and events that enhance academic and campus life.
- Collaborate with university administration and student organizations to address concerns related to student welfare, academic policies, and institutional improvements.
- Organize meetings, draft proposals, and contribute to decision-making processes that impact the graduate student community.

Member, Young Democrats of Louisiana, Baton Rouge, Louisiana **January 2025- Present**

- Serve as Secretary Chair of the Women's Caucus, leading initiatives to empower and advocate for women in politics through policy discussions, events, and outreach.
- Contribute as a committee member of the Budget and Appropriations Committee, assisting in financial planning, budget allocation, and fundraising efforts for organizational activities.
- Participate in statewide political engagement efforts, collaborating with young leaders to promote progressive policies and voter mobilization.

Member, Democrats Abroad Korea, Seoul, South Korea **January 2025- Present**

- Engage in voter outreach by campaigning in public spaces across Seoul to educate U.S. citizens abroad on their voting rights and the absentee ballot process.
- Participate in biweekly meetings to strategize advocacy efforts, organize events, and coordinate with the global Democrats Abroad network.
- Support initiatives that promote civic engagement among expatriates, including voter registration drives and informational sessions on U.S. elections.

Member, Seoul National University SHANUM, Seoul, South Korea **April 2024- January 2025**

- Organized and led diversity-focused events across Korea, promoting inclusivity and cultural awareness.

- Facilitated cultural and language exchanges with multicultural youths and immigrants while planning community service initiatives.
- Provided mentorship to youths in Seoul, Gwangju, and Pyeongtaek, fostering personal growth and integration.

Volunteer, Grace Horse Stables, Pyeongtaek, South Korea

January 2024- August 2024

- Provided care to horses by turning out, feeding, grooming, and maintaining clean stalls, ensuring their health and well-being.
- Participated in fundraising events for local orphanages.
- Served as a guide and mentor to fellow volunteers, offering insights into the inner workings of the stable and ensuring smooth operations during daily activities.

Student participant, Hyundai OnDream Campus Club, Seoul, South Korea

September 2023-December 2023

- Represented the community club in public interviews to provide valuable perspectives on the scholarship program and participate in monthly meetings with fellow graduate students who share the same scholarship.
- Worked with the outreach team within the Hyundai scholarship in outreach initiatives, strengthening the connection between the scholarship program and the broader university community.
- Established connection with graduate students across disciplines, fostering a sense of community within the international community.

Volunteer, Veterinary Clinical Skills and Animal Behavior Club, Baton Rouge, LA

May 2022-September 2022

- Gave resident dogs one-on-one training and recorded their behavior to track their progress.
- Ensured resident dogs' physical safety during training sessions and routine walks.
- Provided resident dogs with food and water by following a strict diet and schedule.

Outreach chair, Society of International Affairs, Baton Rouge, LA

August 2020-May 2023

- Communicate with local nonprofits to initiate volunteer events, create social media posts to boost interaction with students, and report the activities of the organization and future meetings to members and the student body.
- Managed social media accounts to increase interaction with students and keep them informed about upcoming events and meetings.
- Sent weekly emails to members, tracked attendance, and created meeting slides to ensure smooth and efficient communication.

Director of operations and marketing, LSU Geaux Big, Baton Rouge, LA

November 2019-May 2022

- Responsible for the execution of the project through managing and planning tool and supply acquisition, inventory, and the tool distribution process on the day of the project.
- Ensured the maintenance/upkeep of the tool housing unit.
- Coordinated logistics and supported the overall success of community service projects through effective planning and resource management.

PUBLICATIONS

Truong, V. and Johnston A. Evaluation of Fibroblast Growth Factor 19 (FGF19) in healthy dogs and in dogs with gallbladder mucoceles. *Journal of Veterinary Internal Medicine*. 2024.

Truong, V. and Stanfield B. Guinea Pig X Virus is a Gammaherpesvirus (in-progress). *Journal of Virology*. 2024.

ABSTRACTS AND PRESENTATIONS

Truong, V., and Johnston A. Evaluation of Fibroblast Growth Factor 19 (FGF19) in healthy dogs and in dogs with gallbladder mucoceles. Presented at the 2023 LSU School of Veterinary Medicine Phi Zeta Day.

Truong, V., and Johnston A. Evaluation of Fibroblast Growth Factor 19 (FGF19) in healthy dogs and in dogs with gallbladder mucoceles. Presented at the 2023 LSU Undergraduate Discover Day.

Truong, V., Irving J., and Reams M. Crisis in Colfax: a qualitative media analysis of resilience themes in rural Louisiana. Presented at the 2021 LSU Undergraduate Discover Day and the 2021 Dellinger Symposium.

RESEARCH GRANTS

First author proposal for Evaluation of Fibroblast Growth Factor 19 (FGF19) in healthy dogs and in dogs with gallbladder mucoceles. Funded \$6000 by the LSU Discover Undergraduate Research program (Principal investigator: Andrea Johnston, Ph.D.)

TEACHING EXPERIENCE

Teaching Assistant, Veterinary Biochemistry Lab, Seoul National University

March 2024-June 2024

Assisted upper division undergraduate class of 45 students; demonstrated new molecular techniques. Evaluated laboratory write-ups, graded exams and provided online course materials. Dr. Je-Yoel Cho, Department of Veterinary Medicine.

AWARDS AND SCHOLARSHIPS

- 2025 Excellent Volunteer Certificate (2025)
- SNU Diversity Council Excellency Award (2024)
- Hyundai Motor Chung Mong Koo Scholarship Recipient (2023)
- Brain Korea 21 Living Support Grant (2023)
- 2023 Global Subsidy Scholarship Recipient (2023)
- 2023 LSU Discover Undergraduate Research Grant (2023)
- 2022 LSU Discover Undergraduate Research Grant (2022)
- Mu Sigma Rho Outstanding Scholarship Recipient (2022)
- Academic Scholars Resident Award (2021)

REFERENCES

Changku Kang, Ph.D.

Andrea Johnston, Ph.D.

Brent Stanfield, Ph.D.