

JADE GAMELIN KAO (高玉珍)

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Motivated, hardworking, and open-minded 4th-year Translational Molecular Medicine student seeking to use current skills and experiences to gain real-world experience.

WORK EXPERIENCE

Pharmacy Assistant (Shoppers Drug Mart)

Aug 2022-Jan2023

Provided customer service, managed prescriptions, performed data entry, filled prescriptions, managed inventory, received prescriptions in person or by phone, and assisted pharmacist as needed.

Marketing Internship (NexGenT)

July 2021-August 2021

Created and edited a variety of landing pages, performed and measured conversion with A/B testing on landing pages, and actively participated in SEO conference calls

RESEARCH EXPERIENCE

MSc Candidate - Placenta Lab

(Dr.Shannon Bainbridge)

May 2023-Present

Currently researching whether obesity-mediated inflammation can dysregulate in-utero programming, we aim to measure the cardiometabolic health outcomes of adult offspring exposed to an obesogenic environment in utero, both with and without NAD+ supplementation.

Undergraduate Research Assistant - Dr. Errol Thomson's Lab (Health Canada)

Jan 2023-April 2023

Observed seeding and exposure experiments with A549 cells to study the impact of particulate air pollutants on levels of extracellular ATP in epithelial cells.

Collaborated with lab mates and analyzed data.

SciNapse Case Competition (USCC)

Jan 2020- May 2022

Collaborated with group mates to design and present a research proposal in response to climate change. The design created proposed an alternative to single-use plastics in the takeout industry using mycelium-based alternatives. Currently, efforts are being made to create a prototype product.

SHADOWING EXPERIENCE

Beth Israel Deaconess Medical Center, Boston MA

May 2022

I shadowed cardiac surgeon, Dr. Louis Chu, watching him perform various delicate but intense surgeries on several patients. I got to see several procedures such as CABG and mitral valve repairs. I also was exposed to the collaborative OR environment.

SKILLS

HealthWatch pharmacy data entry software

Fluent in French/Mandarin/English

Proficient in Outlook, Word, PowerPoint, Excel, WordPress (Divi), Unbounce, Leadpages, Shopify, Photoshop, and Sketch

EDUCATION

The University of Ottawa • 2020-Present

- Honours BSc in Translational Molecular Medicine with French immersion
- CGPA 9.13/10 (as of fall 2022), 3.7/4 GPA

Hopewell Valley Central HS • 2016-2020

National Honors Society, GPA 96.4%, Captain of the swim team, President of Science Olympiad, Orchestra section leader

PUBLICATIONS

- Gamelin Kao, J., Singh, S., Chua, K., Estin, L. "Efficacy of Pleurotus eryngii mycelium containers as an alternative to current single-use plastic based methods" URNCST Journal (2022): 3.

AWARDS

- University of Ottawa's Dean's Honor List
- Scinapse Case Competition Finalist
- NJ Seal of Bilingualism in French
- High School Diplomats US Scholarship
- High School Diplomats Japan Scholarship
- 2021-2022 SciNapse Case Competition Winner (1st place)

EXTRACURRICULARS/CLUBS

Co-President

(SciNapse USCC) • 2023-Present

Ran SciNapse 2022-2023 nationwide virtual provincial round and final poster presentation conference.

Managed VP outreach and VP operations team while managing all external SciNapse chapters at participating universities.

Director of Promotions (uOttawa

Parkinson's Association) • 2020-Present

Organized fundraisers, awareness presentations, and cross university case competitions relating to Parkinson's research.



INTERESTS

Women's health

Design/Drawing

Swimming

Running

Learning new languages

Cooking