

Ming Zhang

EDUCATION

September 2021 - present

University of British Columbia

- **B.S. in Neuroscience, Cumulative GPA: 4.24/4.33**
 - Science Scholar/Dean's Honor list (2021 - 2023)
 - Volunteer at BC Brain Wellness Program at UBC (January 2024 - present)
 - Article Author for Undergraduate Neuroscience Club Newsletter (September 2023 - present)
 - Biology Undergraduate Diversity in Research Member (September 2022 - present)
 - Marketing and Research Lead for HOPE Foundation/Club at UBC (June 2021 - Dec 2021)
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EXPERIENCE

Cembrowski Lab | May 2023 - September 2023

- Uncovered neural morphology-axonal projection relationships using state-of-the-art machine learning techniques and data analysis skills.

Research Assistant | The Keeling Lab | October 2022 - February 2023

- Separated whale lice gut microbiome through precise dissection skills using microscopy, analyzed DNA sequence via extraction and PCR, conducted sequence analysis using Southern blotting techniques.
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AWARDS

Charles and Jane Banks Scholarship | September 2023

- Scholarship awarded on the recommendation of the Faculty of Science

Science Undergraduate Research Experience (SURE) Awards | May 2023

- Awarded for summer 2023 research experience

J Fred Muir Memorial Scholarship in Science | September 2022

- Scholarship offered to students in the Faculty of Science on the recommendation of the Faculty

BC Achievement Scholarship | 2021

- BC provincial award for top academic achievement in the province.

Richmond Lodge No.142 Scholarship | 2021

- Richmond Secondary School scholarship

PRESENTATION -----

Campbel, R., **Zhang, M.**, Kinman, A.I., Sullivan, K., Kapistina, M., Cembrowski, M.S. "Morphological diversity of subiculum projection neurons contributes to differential cellular outputs and circuit dynamics" - (institutional) Invited: Neuroscience Undergraduate Research Conference (2024)

ABSTRACTS -----

Campbel, R., **Zhang, M.**, Kinman, A.I., Sullivan, K., Kapistina, M., Cembrowski, M.S. "Morphological diversity of subiculum projection neurons contributes to differential cellular outputs and circuit dynamics" (2024)

TEACHING AND MENTORING -----

Early Life Educators | Science Learning Program | 2019 - 2021

- Taught youth (3-5 years old) basic science topics such as coding through ZOOM

Class Assistant | BC Brain Wellness Program | January 2024 - present

- Guided elders through exercises and monitored their safety after safety training
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OTHER CONTRIBUTIONS TO SCIENCE -----

Team Member | The PAR Lab | March 2022 - present

- Increased patient recruitment, reviewed ethics guidelines and completed an infographic on current research projects to increase patient engagement.

Volunteer | BC Brain Wellness Program | January 2024 - present

- Helped elders to improve brain wellness and monitored their welfare

TAG Team | Telus Science World | June 2019 - August 2022

- Developed science events and STEM workshops at Science World