

Bo Lun Li

Calgary, AB

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Education

Bachelor of Science: Anatomy and Cell Biology

2016-2020

McGill University, Montreal, QC

Research experience

Research Trainee

PKD Epigenetics Lab, Mayo Clinic, Rochester, MN

2022-present

- Observe and study lab techniques and protocols used in their lab such as Co-IP, IF microscopy, tissue sectioning and liposome-based transfection
- Perform lab work such as gel preparation for western, genotyping, and plasmid DNA purification for ongoing projects such as the investigation of the significance of IL-17A signaling blockade against cyst growth in ADPKD
- Participate in weekly lab meetings by presenting detailed background information on different lab techniques and topics I learned about such as RNAi and extracellular vesicles that are relevant to currently ongoing projects in the lab
- Learn about experimental design through listening to other lab members' progress reports and lab meeting discussions on new projects

Intern

Beijing Fisheries Technical Extension Station

Summer 2017

- Helped out with laboratory work and other related jobs such as recording data values and working the spectrophotometer at the fish disease research lab
- Learned lab techniques such as bacterial staining and streaking

Volunteer and Work

English Home Tutor

Beijing, China

Summer 2017

- Tutored three Chinese elementary school students to improve their English skills
- Devised tutor sessions to be fun and interactive and strived to improve the experience by noting what worked best for each student

Translator

Summer 2017

- Translated a small part of a yet to be published book on Chinese Medicine by a doctor of Chinese medicine from Mandarin to English

Peer Tutor

Mar-May 2015

Western Canada High School, Calgary AB

- Tutored a student in math and structured tutor sessions to better aid the student resulting in a boost in confidence during the finals

Activities and Interests

- Sports: Participated in the High School Swim meet in 2014, amateur table tennis player, hiker, and canoer
- Amateur pianist and chorister, performed in the high school choir for one year