



CHRISTINE SHAN

Medical Illustrator | cshan-visuals.com

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EDUCATION

Masters of Biomedical Communications

2018 - present

University of Toronto

Bachelor of Science in Biochemistry

2013 - 2018

University of British Columbia

EXPERIENCE

Medical Illustrator

Jan 2019 - present

Queen's University: Faculty of Health Science

- Develop Illustration for the Bachelor of Health Science online course modules that visually communicate complex science topics to undergraduate students
- Use Illustator and Photoshop to create clean and concise digital visualizations that meet educational goals
- Work with course developers and professors to design illustrations and edit them according to their feedback

Biomedical Communications Lab Tech

Sept 2019 - present

University of Toronto

- Update the content for the Masters of Biomedical Communication website and change the website host from Wordpress onto Squarespace
- Work with program instructor to maintain computer lab hardware and software
- Organize and archive past masters research project documents of the faculty

Digital Media Assistant

May 2018 - Aug 2018

University of British Columbia: Beaty Biodiversity Museum

- Created illustrations using Illustrator and Photoshop for the museum's outreach kit booklet about the west coast seashore organisms
- Researched and referenced the museum's specimens for accuracy in the development of the illustrations



RESEARCH

Biotechnology Co-op Student

Jan 2017 - Aug 2017

Stemcell Technologies: R&D Cell Separation

- Optimized the cell separation kit that can isolate embryonic stem cells from umbilical cord blood and leukapheresis-enriched peripheral blood
- Practiced public speaking skills by giving a 30-minute presentation in front of the cell separation department
- Exercised time management skills in planning experiments that lasted up to 8 hours long and found ways to use the laboratory time efficiently

Research Co-op Student

May 2016 - Dec 2016

Laval University: Dr. Patrick Provost's Lab

- Characterized protein markers and microRNA profile of microparticles that were isolated from commercial cow's milk
- Designed and optimized experimental protocol for new projects and grant applications such as loading microRNAs into milk microparticles via electroporation
- Assisted in cell culture tasks such as cell passage, cell counting, and cellular fractionation

PUBLICATIONS

Interpreting Canada's 2019 Food Guide and Food Labelling for Health Professionals. Illustrations for the Open-source textbook for ecampus Ontario

Neuroscience and the arts. Editorial illustration for rehabINK magazine

A subset of extracellular vesicles carries the bulk of microRNAs in commercial dairy cow's milk. Co-author of an academic paper published in the Journal of Extracellular Vesicles

LANGUAGE

English native proficiency
Mandarin native proficiency

SOFTWARE

Photoshop
Procreate
Illustrator
InDesign
AfterEffects
Zbrush
Cinema4D
Chimera
Pymol

TRADITIONAL

Watercolor
Graphite
Pen and ink

INTEREST

Reading
Weightlifting
Badminton
Graphic novels