



# AMY CAO

biomedical illustration and visualization

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## EDUCATION

2017 - present

**MSc, Biomedical Communication**

University of Toronto

2011 - 2015

**BA, Integrative Biology**

University of California, Berkeley

## SKILLS

Photoshop	Maya
Illustrator	Cinema 4D
After Effects	ZBrush
InDesign	Horos

## HONORS

2018 University of Toronto Faculty of Medicine GSEF Merit Scholarship for International Students

2018 University of Toronto Department of Immunology Research Grant

2015 Phi Beta Kappa

2015 Distinction in General Scholarship

2012-2013 Dean's Honors

2014 Rose Hills Foundation Undergraduate Science and Engineering Scholarship

2011 UC Berkeley Regents' and Chancellor's Scholarship

## EXPERIENCE

**Freelance Illustrator** 2018 - present

Create a variety of biomedical illustrations, including:

- Graphic research figures and an editorial cover image for UC Berkeley's Portnoy Lab.
- Textbook illustrations for the 2019 edition of Toronto Notes.
- A series of educational manual and poster illustrations for researchers at the Institut du Cancer de Montréal.

**Teaching Assistant** 2018 - present

Visual Presentation of Design for Life Sciences, University of Toronto

Grade weekly exercises in visual media, assess student midterm and final presentations.

**Web Technology Development Assistant** 2017 - present

Biomedical Communications Program, University of Toronto

Redesign and revamp the Biomedical Communications Program website, moving it from WordPress to Squarespace, by:

- Conducting a detailed evaluation of different web-hosting platforms.
- Conducting user experience and card-sorting tests to determine problematic features of the current site.
- Applying UI/UX design principles to address the problems and improve website functionality.

**Assistant Language Teacher** 2015 - 2017

Sumoto High School, Japan Exchange and Teaching Program

Assisted five instructors teaching English to 480 first- and second-year high school students. Led the school's English Speaking Society Club. Coached National English Speech Contest contestants.

**Research Assistant and Student Instructor** 2013 - 2015

Prep Lab, UC Berkeley Museum of Vertebrate Zoology

Prepared animal skeletons for museum curation. Collected tissue samples and recorded data. Instructed students in dissection techniques and collaborated with other instructors to develop teaching methods.

**Intern** 2014

Global Partners Institute US Empowerment Program

Traveled in Japan for 4 weeks leading English discussion groups with Japanese high school students about global issues. Coached students in how to think critically as well as how to develop presentation and public speaking skills.

**Intern** 2013 - 2014

Berkeley Air Monitoring Group

Weighed filters for particle-detecting instruments. Analyzed air samples for methane and nitrogen. Inputted and formatted data in Microsoft Excel, analyzed data for patterns and trends.