

# TRACY XIANG

HBSc. MScBMC  
Biomedical communicator

Location | M6K 1X2  
Toronto, ON Canada

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## OVERVIEW

**8+** years of visual development experience

**2+** years of instructional design and creative direction experience

## KNOWLEDGE

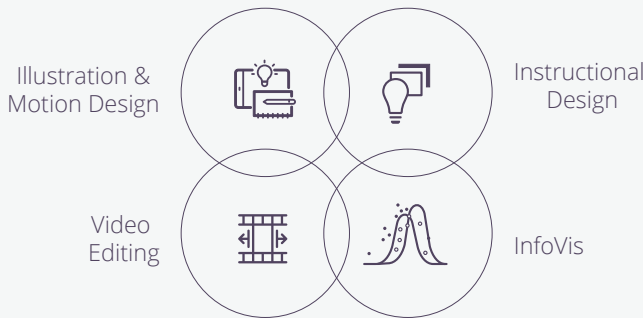
### Scientific:

Anatomy  
Molecular Biology  
Pathology  
Botany

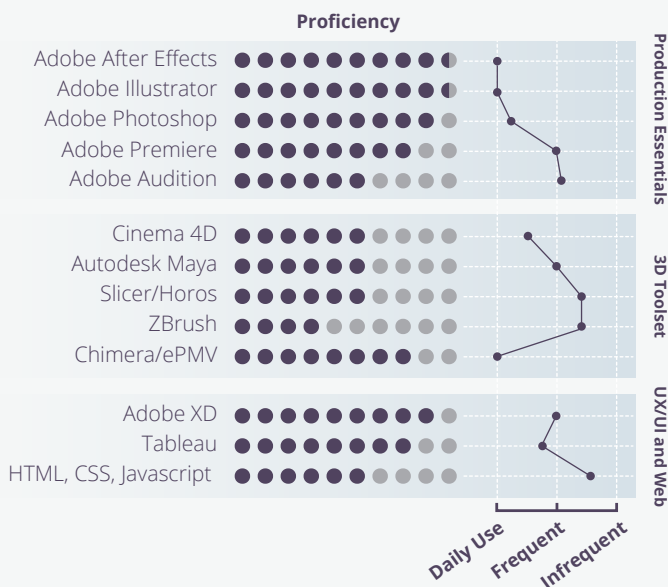
### Visual Development:

2D & 3D Animation  
Project Management  
Raster & Vector Illustration  
Video Production & Editing  
Web Usability

## INTERESTS & SPECIALITIES



## TECHNICAL SKILLS



## EDUCATION

2017 to 2019:  
**MSc. in Biomedical Communications**  
University of Toronto, ON

2015 to 2017:  
**Hons. BSc. with High Distinction, Biology Specialist**  
University of Toronto, ON

## SELECT EXPERIENCE

- Dec 2020 to present:**  
**CREATIVE PRODUCER, PROJECT MANAGER**  
*Scientific Animations*
  - Developing 3D animations for clients in bio tech, pharma, and medical device
  - Conducting in-depth literature reviews and design research on animation topics (MOA, pathology, engineering requirements)
  - Establishing the overall artistic vision for animation
  - Producing storyboards, animatics, and motion templates
  - Working with clients to develop and execute project timelines, and estimates
  - Identifying and mitigating risk for projects, actively ensure scope change control
- Jan 2020 to May 2020:**  
**SESSIONAL LECTURER**  
*HSC404 Advanced Visual Media for Anthropological Data, University of Toronto* | [view course syllabus here](#)
- Oct 2019 to Dec 2020:**  
**CREATIVE CONTENT AND COMMUNICATION LEAD**  
*Lifelearn Inc.*
  - Leading the development of sales and marketing tools for clients in pharmaceuticals, agriculture, and veterinarian health
  - Producing continuing education courses and animations for veterinarians
  - Developing project plans, schedules and milestones
  - Assembling and supporting a small creative teams (3-4 people, including copywriters, film crews, and medical illustrators)
- Nov 2016 to present:**  
**FREELANCE ILLUSTRATOR**  
**Select clients:**  
*Agencies:* BioHues Digital, INVIVO Communications  
*Public Sector:* St. Joseph's Hospital, International Depository Authority of Canada (IDAC), Royal Canadian Institute for Science  
*Institutions:* University of Toronto, University of Alberta  
*Private Organizations:* Epineuron Technologies, Juss Medical Science
- Jan 2019 to May 2019:**  
**TEACHING ASSISTANT, GRADUATE STUDIES WORKSHOP LEADER**  
*HSC301 Data and Information Visualization, University of Toronto*
  - Leading weekly tutorials (Adobe Illustrator & Tableau) and lectures
  - Grading undergraduate data visualization assignments
- Jun 2018 to Jun 2019:**  
**ANIMATOR, RESEARCHER**  
*St. Michael's Hospital, University of Toronto*
  - Master's Research Thesis: *Patient Education on Pre-operative Anemia - Promoting Patient Activation Using Character Animations*
- 2016 - 2020**  
**MEDICAL ILLUSTRATOR AND ANIMATOR, RESEARCH ASSISTANT**  
*SMART Research Group, Faculty of Medicine and Dentistry, University of Alberta*
  - Trained lab members on basic scientific visualization techniques
  - Developed 2D and 3D explainer videos on nerve regeneration research
  - Designed and implemented lab website
  - Processed and visualized data
- Jul - May 2014**  
**JUNIOR DEVELOPER**  
*Strolia Lab, Service System Research Group, University of Alberta*
  - Designed and developed educational mobile games
- May 2012 - Sept 2015**  
**VOLUNTEER TRAINER, PATIENT VISITOR**  
*Royal Alex Hospital, Unit 51, Dept. of Ophthalmology*
  - Contributed over 200 hrs in patient support and chart assembly