

NAOMI CLAY

Biomedical Visualization & Healthcare
Communication Design

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SKILLS

Graphic Design
Presentation Design
Medical Illustration
Patient Education
Graphic Medicine
Data Visualization
UI/UX

- User-Centered Design
- Information Architecture
- Wire-framing
- Prototyping
- User Research

Motion Animation
2D Animation
Video Editing
3D Modeling

SOFTWARE

Adobe Illustrator
Adobe Photoshop
Adobe After Effects
Adobe InDesign
Maya
Blender
ZBrush
C4D
3D Slicer & Horos
Microsoft Office Suite
Visual Studio Code
Basic HTML/CSS
Figma
Miro

PROFESSIONAL SUMMARY

Medical illustrator with 3+ years of experience in science and health communication, and visual design. Holds an **MSc in Biomedical Communications**. Proficient in **creating patient-facing visuals, infographic, animation and UI/UX designs** that translate complex scientific information into clear visuals. **AMI Social Impact Award** recipient in 2025 for **commitment to inclusive visual communication**.

RELEVANT WORK EXPERIENCE

Science Designer, Contractor, infograph-ed
April 2026 – Present

- Translated complex medical information into clear, visually engaging patient-facing and professional educational materials.
- Managed end-to-end workflows through iterative revisions and interdisciplinary collaboration.

Biomedical Communicator and Graphic Designer, Clay Visuals (self employment)
November 2025 – Present

- Led the development of visual concepts, ensuring alignment with project goals. Clients include researchers, physicians, health professionals, and the general public.
- Recent collaborations include the design of an accessibility website to reduce barriers in healthcare for patients and physicians (in development with an interdisciplinary team).

Scientific Illustrator, Contractor, Ingenium – Ocean and Fisheries Canada (DFO)
2024 – 2025

- Produced scientifically accurate species illustrations for a conservation exhibit, translating anatomical research into visually engaging, accessible educational content.

AWARDS

Social Impact Award
2025

Association of Medical
Illustrators' 79th
Annual Conference

Sherwood P. and Judith
Gebhard Smith
Endowed Fund
2024

Temerty Faculty of
Medicine, University of
Toronto

Inclusive Excellence
Admissions Scholarship
2023

School of Graduate
Studies, University of
Toronto

Research Grant
2019

Magee-Women's Research
Institute & Foundation,
NIH, Morehouse School
of Medicine

ACADEMIC SERVICE

ComSciConCAN
2026

Invited as an Expert
Reviewer

LANGUAGES

English
Spanish

EDUCATION

MSc, Biomedical Communications,
University of Toronto, Institute of Medical Science
August 2023 – July 2025

Continued Education, Interamerican University of
Puerto Rico
2018 – 2019

BA, Psychology and Mental Health, *Cum Laude*,
University of Puerto Rico, Department of Social
Sciences
August 2014 – May 2019

RESEARCH HIGHLIGHTS

MRP, Tono: Visualizing eczema in every skintone,
University of Toronto, Toronto, Ontario
2024 – 2025

- Designed and developed TONO, a digital atlas that visualizes eczema across diverse skin tones to improve diagnostic confidence and support equitable care among primary care practitioners.

Frontiers in Alzheimer's and Aging Research
Morehouse School of Medicine, Atlanta, Georgia
2019

- Conducted hands-on laboratory research using *C. elegans* and sea urchins in intensive workshops and seminars.

Developing Future Biologists, University of Michigan,
Medical School, Ann Arbor, Michigan
2019

- Completed laboratory courses using zebrafish, *C. elegans*, chick/mouse embryos, and *D. melanogaster*.

Research Assistant, University of Puerto Rico,
Ponce, PR
2018 – 2019

- Extracted and cleaned qualitative interview data; organized datasets using IBM SPSS.

Research Assistant, University of Puerto Rico,
Ponce, PR
2018 – 2019

- Recruited and screened research participants; conducted structured interviews and documented qualitative data.