NAOMI CLAY

Biomedical communicator and healthcare designer

n.clay.visuals@gmail.com claybiovis.com

SUMMARY

Medical illustrator with 3+ years of experience in science and health communication and visual design. Holds an **MSc in Biomedical Communications** and a **BA in Psychology and Mental Health.** Proficient in creating **patient-facing visuals, infographics, animations, 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 EXPERIENCE

Science Designer, Contractor

infograph-ed

04/2026 - Present

- Transformed complex medical information into accessible and visually engaging materials for health professionals and hospitals.
- Managed end-to-end project workflows, incorporating feedback through iterative revisions with interdisciplinary teams.

Biomedical Communicator and Graphic Designer

Clay Visuals (self employment)

11/2025 - Present

- Directed visual concept development for researchers, physicians, health professionals, and the public, keeping every deliverable aligned with project goals.

Scientific Illustrator, Contractor

Ingenium – Ocean and Fisheries Canada (DFO)

2024 - 2025

- Created scientifically accurate species illustrations for a conservation exhibit in collaboration with a team of expert marine biologists.

EDUCATION

MSc, Biomedical Communications

University of Toronto, Institute of Medical Science

08/2023 - 07/2025

Continued Education

Interamerican University of Puerto Rico

2018 - 2019

BA, Psychology and Mental Health

University of Puerto Rico, Department of Social Sciences

08/2014 - 05/2019

SKILLS

Technical

Graphic Design | Presentation Design | Medical Illustration | User Interviews | 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 | Google Workspace

Soft skills

Problem Solving | Active listening | Task management | Creativity | Conflict resolution | Teamwork | Interdisciplinary collaboration

Software

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

RESEARCH

Frontiers in Alzheimer's and Aging Research, Trainee

Morehouse School of Medicine

2019 Atlanta, GA

Funded by the National Institutes of Aging. View article **here**

- Conducted hands-on laboratory research using *C. elegans* and sea urchins in intensive workshops and seminars
- Outreach program at **Magee-Womens Research Institute**
- Current FrA2R Alumni

Developing Future Biologist (DFB), Trainee

University of Michigan

2019 Ann Arbor, MI

Educational outreach organization led by graduate students and postdocs at the University of Michigan. View organization **here**

- Completed laboratory courses using zebrafish, *c. elegans*, chick/mouse embryos, and *d. melanogaster*
- Current DFB Alumni

Research Assistant

University of Puerto Rico-Ponce

2018 - 2019 Ponce, PR

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

Research Assistant

University of Puerto Rico-Ponce

2018 - 2019 Ponce, PR

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

LEADERSHIP

Medical Illustration Mentor, 2026 - 2027 (on-going)

Queen's Medical Illustration Society
Queen's University, Kingston, Canada

Expert Reviewer, 2026

ComSciCon Canada 2026, view conference recap **here**
University of Waterloo, Waterloo, Canada

HIGHLIGHTED PROJECTS

Tono: Visualizing eczema in every skintone (Master Research Project)

2024 - 2025 Toronto, Ontario

- 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
- Resource available **here**

LANGUAGES

English
Native

Spanish
Native

AWARDS

Social Impact Award, 2025

Association of Medical Illustrators' 79th Annual Conference
Grand Rapids, Michigan

Sherwood P. and Judith Gebhard Smith Endowed Fund, 2024

Temerty Faculty of Medicine
University of Toronto, Toronto, ON

Inclusive Excellence Admissions Scholarship, 2023

School of Graduate Studies
University of Toronto, Toronto, ON

NIH Research Grant, 2019

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