

EXPERIENCE

Medical Animator / Web Developer / Designer, Freelance

August 2022 - Present | Remote

- Clients include University of Connecticut, Tufts University, Stanford Medical
- Selected work on post-mastectomy reconstruction surgery presented at the World Congress of Surgery, Vienna 2022

Senior Partner / Lead Medical Animator, Journal of Medical Insight

January 2021 - Dec 2022 | Remote

- Collaborated with editorial, animation, and video teams to increase peer-reviewed publication rate by 11.5x in 2 years.
- Set up Aries editorial management system to automate author and peer review processes, allowing scalability.
- Supervised creation of 48 “incision to closure” surgical procedure summaries: general surgery (17), obstetrics and gynecology (3), otolaryngology (9), orthopedics (12), pediatric surgery (2), plastic surgery (3), trauma (1), urology (1). Content is being used at 151 teaching institutions including Harvard, Johns Hopkins, Stanford, and Weill Cornell.
- Established workflow and asset library with 100+ illustrations of anatomical features and surgical instruments.

Curriculum Illustrator, Center for Science Education, Tufts University School of Medicine

May 2018 - September 2020 | Boston, MA

- Made 200+ didactic, ADA accessibility-compliant illustrations for online graduate courses in Infectious Diseases, Neurological Disorders, Metabolic Disease, and Cancer Biology. Formatted images into Canvas module pages.
- Created an interactive learning simulation, including specialized 3D models and custom-coded interactive features, to teach cancer biology topics in a “macro” to “micro” format. Simulation facilitated remote teaching during pandemic.
- Outlined, prototyped, and co-developed a new website to integrate 5 different lab websites into one cohesive department website with distinct projects. Reorganized 282 lessons and case studies into user-friendly pages.

Science Illustrator, Tellart + Biomuseo Collaboration

April 2018 - July, 2018 | Providence, RI; Panama City, Panama

- Painted 38 flora and fauna species and made scans for permanent display in interactive tables at Biomuseo, Panamá.

Research Assistant, Smithsonian Tropical Research Institute

March 2017- August, 2017 | El Giral, Panamá

- Collected tree and soil data from reforestation plots. Planted 600+ trees in combinations conducive to rapid growth.
- Used Arc GIS to overlay experimental data on topographic maps of the Panama Canal Watershed.

EDUCATION

MSc, Medical Visualization and Human Anatomy

University of Glasgow

2019 - 2020 | Glasgow, Scotland, UK

- Degree Awarded with High Honors

Certificate, Natural Science Illustration

Rhode Island School of Design

2017 - 2018 | Providence, RI

BS, Biology & Spanish

Butler University

2012 - 2016 | Indianapolis, IN

- Degree Awarded with High Honors
- Top 100 Student, 2016
- Outstanding Student in Spanish, AATSP 2016

SKILLS / SOFTWARE EXPERTISE

Curriculum Design: Canvas; Articulate 360; Adobe Acrobat; Google Classrooms; Teams; Zoom

Project Management: Drive, Slack, ClickUp

Prototyping: XD; InVision; InDesign

Web Design: WordPress; Elementor; Wix; HTML

Animation: After Effects; 3DsMax

Video Editing/Hosting: After Effects; YouTube; Wistia

Illustration: Illustrator; Photoshop

3D Modeling: 3DsMax; Slicer; Maya

Gamification: Unity

Marketing: Facebook; Instagram; LinkedIn; MailChimp

Languages: English: Native; Spanish: Full professional proficiency