A. Gabriela Rivera-Del Río
Biomedical Illustrator • Designer • Animator
gaby@riverabiovisuals.com • (786)899-3724

Education

Master of Arts in Medical and Biological Illustration

Johns Hopkins University (JHU) School of Medicine • Baltimore, MD • **2022**

Thesis: *Rethinking the Evolution of Temporal Fenestrae in Turtles: An Interactive Application on Comparative Anatomy and Phylogenetics*

Bachelor of Science in Biology
Bachelor of Arts in Interdisciplinary Studies

Florida International University (FIU) • Miami, FL • **2017**

Minors: Art & English, Graduated *cum laude*

Work Experience

Associate Medical Illustrator, Medtech Project Lead • *Osso VR*

Remote • **2022- Present**

Led development of cutting-edge virtual-reality surgical training modules for healthcare providers, academic medical centers, and industry clients.

Conducted in-depth research on surgical procedures and anatomy to produce highly realistic simulations.

Directed 3D artists, Unity developers, and VR engineers to create custom anatomical models and interactive elements for Unity integration.

Created user-experience storyboards to streamline project development and ensure alignment with client needs.

Collaborated closely with clients to refine user-experience design, strategy, and project revisions, ensuring high-quality outcomes.

Medical Animator • *Center for Bioengineering Innovation & Design, Johns Hopkins University*

Baltimore, MD • **2021**

Developed a vector-based 2D animation to showcase an innovative electro-chemotherapy catheter for pancreatic cancer treatment, presented in the JHU Business Plan Competition. The team went on to win first prize.

Biological Illustrator • *National Aquarium*

Baltimore, MD • **2021**

Designed and developed a comprehensive poster detailing the ecological history, current status, and future projections of the Baltimore Harbor for policy-making and outreach purposes.

Partnered with researchers and subject-matter experts to produce a high-quality, informative triptych-style illustration.

Medical Illustrator • *Center for Functional Anatomy & Evolution, Johns Hopkins University*

Baltimore, MD • **2020**

Created complex, detailed neuroanatomical and morphological illustrations for use in the JHU School of Medicine's gross anatomy course.

Collaborated with faculty to ensure the illustrations met educational standards and provided clear, precise visual aids for student comprehension and learning.

Proficiencies

Software

Adobe Suite:
Photoshop
lllustrator
XD
After Effects
InDesign
Audition
Unity VR
Maxon Cinema4D
Pixologic ZBrush
Autodesk Maya
Blender
Procreate
Horos/Osirix
PyMol, ePMV
Microsoft Office Suite

Professional Areas

Instructional Design
UI/UX Design
Anatomical, Cellular & Molecular Science
2D Illustration & Animation
3D Modeling & Animation
Copywriting
Presentation Design
Written & verbal fluency in Spanish

Soft Skills

Cross-team collaboration
Presentations & Public Speaking
Research & Problem Solving
Client Relations

Honors

AMI Salon: Award of Merit • **2022**
Vesalius Trust Research Grant • **2022**
Ranice W. Crosby Scholarship • **2021-22**
William P. Didusch Scholarship • **2020-22**
W.B. Saunders Scholarship • **2020-22**
School of Medicine Tuition Grant • **2020-22**
Dean's List • **2014-17**
Bright Futures Academic Scholar • **2013-17**