

XAVIER WILLIAMS

Medical and Scientific Illustrator

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www.xwmedical.art 

EDUCATION

2018 -
2022

Bachelor of Fine Arts in Medical Illustration, French Immersion

Rochester Institute of Technology, School of Art and Design, Rochester, NY

Honors: *magna cum laude* (GPA: 3.8)

PROFESSIONAL

2024 -
Present

Medical Illustrator & Lead Textbook Designer at Caring Medical

Caring Medical and the Houser Neck Center, Fort Myers, FL

Design, illustrate, and format a 2000-page medical textbook that presents the discoveries of more than three decades of study on regenerative injection therapy. Implement creative page layouts and innovative designs for illustrations and text, while being true to the vision of the author. Determine optimal text and graphic placements for print and digital media. Modify pre-existing graphics to enhance compatibility with theme and text layouts. Cultivate knowledge of other publishers and design leaders in similar niches to gain a competitive advantage. Conduct thorough quality checks on all design files for consistency. Provide constructive feedback to the author and editors on layout and design. Edit and proofread text for accuracy. Review final proofs for approval, ensuring quality standards are met.

2022 -
2024

Medical & Scientific Illustrator at ATLAS Studios

Roswell Park Comprehensive Cancer Center, Department of Urology, Buffalo, NY

Develop scientifically accurate illustrations for medical journals, grant submissions, and presentations to convey the findings of scientific cancer research. Work on a team with other illustrators to provide visual communication services for clients outside the Department of Urology. Edit surgical footage and create animations. Design print layouts and patient education materials. Provide graphical and communication support for surgical research lab. Coordinate with medical experts to achieve project objectives with extreme accuracy and detail. Coordinate project timelines. Research anatomy and physiology to ensure medical accuracy. Conduct interviews, hire, and mentor interns.

2021 -
2022

Personalized Healthcare & Technology (PHT180)

Rochester Institute of Technology, Rochester, NY

Create biomedical illustrations covering human anatomy, patient education, and biotechnology. Research primary and secondary literature to ensure scientific accuracy of illustrations. Provide graphical support for researchers specializing in medical devices and patient interaction. Illustrate figures for various scientific journals, grant submissions, and presentations. Maintain correspondence with principal investigators and/or their assistants. Schedule and lead visual problem-solving meetings.

2021

ATLAS Studios Intern

Roswell Park Comprehensive Cancer Center, Department of Urology, Buffalo, NY

Create and develop patient education material for the hospital's urology department. Collaborate with a team of professional medical illustrators through weekly virtual meetings. Practice design and visual communication skills through work assignments. Participate in constructive critique of work assignments.

COMMUNITY

2022 -
Present

Professional Member

Association of Medical Illustrators

2020 -
2022

Secretary

RIT Scientific Visualization Club, Rochester Institute of Technology

Coordinate and plan weekly events, meetings, and emails. Keep notes on events and special guest presentations.

SKILLS

Capabilities

Illustration, 3D Modeling, Vector Illustration, Graphic Design, Digital Painting, Video Editing, Audio Editing, Web Design, Storyboarding, Video Narration

Software

Adobe Creative Cloud, Adobe Photoshop, Adobe Illustrator, Adobe InDesign, Adobe After Effects, Autodesk Maya, 3D Coat, Maxon Cinema 4D, OsiriX/Horos, UCSF Chimera