



Christina Wheeler

Medical Illustrator

847.845.6020 | 4533 N. Kilbourn Ave, Chicago, IL 60630
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Skills

Medical and scientific illustration | Instructional design | User interface design | Creative problem solving | Teamwork and collaboration | HTML & CSS | Business communications | Mac & PC native | Project management | Academic research

Recent Projects:

Laser Resurfacing (Dermatology)
January 2018

Produced simple, aesthetically pleasing illustrations to explain different laser techniques for patients.

Surgical Textbooks

March 2017 - Present

Working in tandem with Body Scientific International team, producing illustrations for various textbooks on facial and abdominal surgery

Intervertebral Disc Device

March 2017 - Aug 2017

3D modeled and illustrated different treatments for degenerative disc disease, including a new medical device for a startup currently testing in Europe.

Medical Legal Illustration

January 2018

Clarified MRV data of infant skull fracture in medical negligence case for defendant. Settled out of court before completion.

SFOT & Orthognathic Surgery

Nov 2016 - Jan 2017

Integrated groundbreaking techniques in periodontal medicine and orthognathic surgery to create illustrations of treatment outcomes for different dental malformations.

Robotic-Assisted Whipple Surgery

April-May 2015

Worked with world-reknowned robotic surgeon to illustrate innovative new techniques to adapt pancreaticoduodenectomy (Whipple) to robotic techniques. Designated for journal and book publication.

Education

2014-2016 University of Illinois at Chicago
Chicago, IL Biomedical Visualization, M.S.

Thesis: A Load Off One's Mind: Applying Instructional Design Principles to Reduce Cognitive Load and Simplify Learning in an Interactive Neuroanatomy Atlas

2011-2014 Iowa State University
Ames, IA Biological/Pre-Medical Illustration, B.A.

Software

Adobe Illustrator
Adobe Photoshop
Adobe InDesign
Adobe Acrobat
Articulate Storyline
ZBrush
MODO
Unity3D

Organizations

Association of Medical Illustrators (AMI)
Cooke Alumni Association
Phi Theta Kappa Honors Society
Chicago Women in Publishing

Topics of Interest

General Biology
Human Anatomy
Anthropology
Robotic surgery
Botany
Entomology
Developmental Biology



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Experience

- May 2016 - Present
Chicago, IL
- Medical Illustrator, Owner** | C. Wheeler Studios
- Provided specialized visual solutions to clients' medical and scientific communication needs
 - Demonstrated expert proficiency in traditional drawing media as well as digital media including Adobe Photoshop, Adobe Illustrator, Articulate Storyline, Adobe Acrobat, as well as creating content for the web
 - Extensive research to gain an intimate understanding of the client's visual problems and to provide accurate visual representations, fit to the needs of the audience
- Oct 2016 - Present
Chicago, IL
- Medical Illustrator** | Body Scientific International, LLP
- Contracted with international provider of illustrations and models to publishers and educational companies such as Goodheart Wilcox, Wolters Kluwer Health, and individual experts
 - Worked with art director and other professional medical illustrators to produce high quality illustrations, matching styles to different publishers' guidelines
 - Met tight deadlines and managed multiple chapters on topics including surgery & general anatomy
- May 2016 - November 2016
Chicago, IL
- UI Designer** | Anatomy and Cell Biology, UIC
- Restructured and re-designed the innovative UIC Brainstem app, updating it to an HTML5 compatible format in Articulate Storyline
 - Assessed student needs and applied knowledge of instructional design
 - Utilized in-depth knowledge of the neuroanatomy course and content
 - Updated and expanded high-resolution sectional anatomy slides of the brain and orientation icons
- Mar. 2012 - Jun. 2013
Ames, IA
- Scientific Illustrator** | Department of Anthropology, Iowa State University
- Rendered bones of human skeleton in high detail from many views for the creation of a computer program for students studying anthropology and skeletal biology
 - Determined optimal angles of each bone in order to communicate the most information

Honors and Achievements

- Chicago
November 2014 & 2015
- Featured in Student Association of Medical Artists exhibitions at the National Museum of Health and Medicine
- Rush University, Chicago
January 2016
- Illustrations featured in talk at the Inaugural Monthly Spine Research Seminar, "Medical Illustration: How Visuals Clarify Medicine" at the Dept. of Orthopedics
- Merit Scholarship,
2011-2014
- Recipient of prestigious Jack Kent Cooke Undergraduate Transfer Scholarship, up to \$30,000 per year until graduation (3 years for a total of \$90,000)