

# JULIA STACK

## Medical Illustrator

### EXPERIENCE

2006 – Present

Independent Medical Illustrator and 3D/VR Visual Science Consultant  
Board Certified Medical Illustrator (CMI).

- Contributes to medical and scientific understanding through collaboration on visually creative projects.
- Works in a variety of media and topics from pharmaceutical to medical devices. Creates anatomical 3D models based on references.
- Creates storyboards and 3D assets for VR projects. Pass assets off to team for use in Unity applications such as on the Oculus Rift.
- Professional member of the Association of Medical Illustrators.

2012 – 2013

S4 NetQuest – Columbus, OH

Medical illustrator and business development agent for a learning services firm. Specialized in the creation of training and educational services for Top 20 Companies such as Biomet and Abbott Labs.

2009 – 2011

Eveo Communication Group and EvLab Inc. – San Francisco, CA  
Visual Science Specialist for a digital pharmaceutical media agency. Developed science visuals for engaging animations, videos, interactive media, print pieces, websites, and apps. Interacted with teams in content, creative, QA, and clients. Responsible for insuring scientific accuracy during development, production, review, and regulatory FDA submissions.

2007 – 2008

University of Illinois at Chicago – Chicago, IL  
Graduate Teaching Assistant for biology and anatomy departments. Instructed undergraduate level microbiology laboratory sessions and graduate level gross anatomy course.

### GRADUATE INTERNSHIPS

2008

Hansen Medical Inc. – Mountain View, CA  
Graphic Design and Marketing Internship at a medical device company. Created promotional 3D animations of the medical product, designed logos, and edited video. Collaborated with clinical and engineering departments to insure accuracy.

2007

Denoyer-Geppert Science Co. – Skokie, IL  
Medical Modeling Internship at an anatomical modeling company. Brainstormed and sketched innovative product concepts for physical 3D models.

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### EDUCATION

University of Illinois at Chicago 2006–2008

M.S. in Biomedical Visualization awarded 2010

University of Arizona 2001–2004

B.S. in Physiological Sciences awarded 2004

Minors in Chemistry and Studio Art

University of Alaska Southeast 1999–2001

A.A. Cum Laude awarded 2001

### SKILLS

Computer Software (Windows and Mac)

- Adobe CC – Photoshop, Illustrator, InDesign, AfterEffects, Premiere Pro
- Daz3D – 3D posing software for references
- MAXON – Cinema 4D
- OsiriX and Horus – for use with DICOM medical image scans and visualization of CT and MRI data
- Pixologic – ZBrush
- Various other 3D and VR applications

Computer Hardware

- Digital camera, image scanner, Wacom tablets, Oculus VR headsets

Drawing

- Life, figure, and surgical sketching

Anaplastology

- Create realistic craniofacial prosthetics for patient rehabilitation using various materials. Worked with 3D head scans of patients and models.

### OTHER INTERESTS

Knitting, video games, origami, sewing, ballet, vintage clothes, historical costuming