



## EDUCATION

- 2012–Present **Johns Hopkins University School of Medicine** - Baltimore, MD  
*Medical and Biological Illustration Master of Arts t.b.a. May 2014*  
*Thesis: Bridging the Gap: Visual Tools for 3-Tesla MRI Interpretation of the Deltoid Ligament*
- 1999–2003 **Tufts University** - Medford, MA  
*Bachelor of Science in Biology, magna cum laude*
- 1999–2003 **School of the Museum of Fine Arts** - Boston, MA  
*Figurative Art Studies*

## EXPERIENCE

- 2012–2013 **Johns Hopkins University School of Medicine** – Baltimore, MD  
*Medical Illustrator and Animator*  
Created patient education animation “Treatment of Acute Ischemic Stroke with Clot Retrieval Device” for Dept. of Interventional Neuroradiology
- 2010–2011 **Glendale Community College** – Glendale, CA  
*Anatomy Supplemental Instruction Student Leader*  
Leading of anatomy lecture reviews and discussions  
Preparation and administration of practice assignments
- 2006–2012 **Royer Labs** – Burbank, CA  
*Product Designer/R&D Prototype Machinist*  
Prototype design in SolidWorks for machining, rapid prototyping, and casting  
Utilization of MasterCam, Mach 3 to machine components on CNC mill  
Intercommunication with purchasing, suppliers, machine shops and QA  
Creation of 3D animations for company videos
- 2005–2006 **Adler Veterinary Clinic** – North Hills, CA  
*Veterinary Technician*  
Delivery of oral, subcutaneous, topical, and other medications  
Animal handling during checkups, X-rays, and treatments
- 2004–2005 **Selfish Entertainment** – Encino, CA  
*Visual Effects Editor*  
Video, audio, and visual graphics editing
- 2003–2004 **Genzyme Biosurgery** – Cambridge, MA  
*Manufacturing Technician*  
Human chondrocyte culture initiation and maintenance  
Cell morphology identification and documentation

## HONORS AND AWARDS

- 2013 Leon Schlossberg Memorial Scholarship, Johns Hopkins University School of Medicine  
2013 Frank H. Netter Memorial Scholarship, Johns Hopkins University School of Medicine  
2013 Award of Merit, Student Instructional Tone, Association of Medical Illustrators  
2012 William P. Didusch Scholarship, Johns Hopkins University School of Medicine

## EXHIBITIONS

- 2013 Pulse: Art and Medicine, Strathmore Hall Foundation

## PROFESSIONAL MEMBERSHIPS

- 2011–Present Association of Medical Illustrators (AMI), student member

## PROFICIENCIES

### Software:

ZBrush  
Mudbox  
Cinema 4D  
Maya  
Osirix  
Sculptris  
SolidWorks  
Photoshop  
After Effects  
Illustrator  
InDesign  
MasterCam  
G-Code  
Mach3  
Word  
Excel

### Techniques:

Sculpture  
Digital Modeling  
3D Animation  
2D Animation  
Storyboarding  
Graphite  
Watercolor  
Pen and Ink  
Acrylic and Oil  
Carbon Dust  
Colored Pencil  
Mold Making  
Casting  
Airbrushing  
Machining

### Science:

Anatomy  
Physiology  
Biochemistry  
Endocrinology  
Genetics  
Metallurgy  
Material Science